

## Victoria Tucker

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**From:** Victoria Tucker  
**Sent:** 06 November 2012 03:02 PM  
**To:** dineo.peta@bhpbilliton.com  
**Subject:** SLR Consulting - Lehating Mining - Landowner notification and invitation to scoping meeting  
**Attachments:** 2012-10-08 BID Final (emailing).pdf; 2012-10-26 Landowner notification Lehating 741.pdf

6 November 2012

Terra Nominees (Pty) Ltd  
PO Box 61820  
Marshalltown  
2107

### ATTENTION: DINEO PETA

Dear Dineo

#### **NOTIFICATION OF THE INTENTION OF LEHATING MINING (PTY) (LTD) TO SUBMIT AN EIA APPLICATION FOR THE PROPOSED LEHATING MINE**

### 1. INTRODUCTION

Lehating Mining (Pty) Ltd (Lehating) proposes to develop a new underground manganese mining operation near Hotazel in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, in the Northern Cape Province. The proposed mining operations will be located on Portion 1 of the farm Lehating 741 and access to the project area will be through Portion 2 of the farm Wessels 227. The proposed activities identified at this stage include the proposed underground mining operation, the establishment of related surface infrastructure and access roads. Additional project related details are provided in the attached Background Information Document (BID).

In this regard, the following NEMA listed activities could be triggered:

- **Regulation 544 (Listing Notice 1):**
  - 1 (construction of facilities for the generation of electricity);
  - 10 (construction of facilities for the transmission and distribution of electricity);
  - 11 (construction of bridges);
  - 12 (construction of facilities for off-stream storage of water);
  - 13 (construction of facilities for the storage, and/or handling of a dangerous good);
  - 18 (infilling or depositing of any material into a watercourse);
  - 22 (construction of a road); and
  - 26 (any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004).
- **Regulation 545 (Listing Notice 2):**

- **5** (construction of facilities for any process or activity which requires a permit or license in terms of the National Environmental Management: Waste Act, 2008);
- **15** (physical alteration of undeveloped vacant or derelict land); and
- **19** (construction of a dam)
- **Regulation 546 (Listing Notice 3):**
  - **2** (construction of reservoirs for bulk water);
  - **3** (construction of masts or towers);
  - **4** (construction of a road);
  - **9** (construction of above ground cableways);
  - **10** (construction of facilities for the storage, and/or handling of a dangerous good);
  - **14** (vegetation clearance of an area of 5 hectares or more); and
  - **16** (construction of infrastructure within a watercourse).

NEM:WA listed activities that could also be triggered include:

- **Category A:**
  - **1** (The temporary storage of general waste); and
  - **2** (The temporary storage of hazardous waste)
- **Category B:**
  - **7** (The treatment of effluent, waste water or sewage); and
  - **11** (The construction of facilities for activities listed in Category B).

The project will incorporate various water uses that will be associated with the proposed mine development. These potential activities will be refined further during the EIA process and included in the Water Use License Application accordingly.

## **2. ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

Prior to the commencement of the proposed project, environmental authorisation is required. The following Acts: are applicable:

- Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA).
- National Environmental Management Act, 107 of 1998 (NEMA).
- National Water Act, 36 of 1998.

The proposed project may also require a waste licence under the National Environmental Management: Waste Act, 59 of 2008 (NEMWA).

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed to manage the environmental impact assessment process.

As part of the EIA process, a public involvement process is being undertaken.

In accordance with Regulation 15 of the EIA Regulations, 2010 (Government Notice No. R.543 of 18 June 2010), Lehating is required to provide notification to the registered landowner on whose property the proposed activity is to be undertaken, adjacent landowners, land users, Interested and Affected Parties (IAPs), ward councillors, local and district municipality officials and regulatory authorities. This letter therefore serves as a written notice to you, the

registered landowner and user, indicating the intention of Lehating to undertake the proposed project on the above-mentioned portions of land.

You are invited to attend the public scoping meeting which has been arranged for the project, as outlined below. The purpose of the meeting is to provide information on the proposed project and environmental assessment process.

**Date: Tuesday 27 November 2012**

**Time: 16:00**

**Venue: Hotazel Recreation Club**

Please contact the people listed above should you need directions to the meeting.

If you are unable to attend the meeting, and wish to be involved in the EIA process via correspondence, please submit your name, contact information and interest in the matter in writing to the contact person(s) given above within 21 days of publication of this advertisement.

If you have any initial comments, we request that you submit them to SLR in writing or at the meeting.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned.

Kind regards

UNSIGNED ELECTRONIC COPY

**Victoria Tucker**

Project manager

E-mail: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

**Brandon Stobart (EAPSA)**

Reviewer

For SLR Consulting (Africa) (Pty) Ltd

**Victoria Tucker**

**Environmental Consultant**

SLR Consulting (Africa) (Pty) Ltd

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Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa



## Victoria Tucker

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**From:** Victoria Tucker  
**Sent:** 06 November 2012 03:00 PM  
**To:** jeff@tshipi.co.za  
**Subject:** SLR Consulting - Lehating Mining - Landowner notification and invitation to scoping meeting  
**Attachments:** 2012-10-26 Landowner notification Wessels227.pdf; 2012-10-08 BID Final (emailing).pdf

6 November 2012

Ntsimbintle Mining Pty Ltd  
PO Box 2908  
Kathu  
8446

**ATTENTION: JEFF LEADER**

Dear Jeff

### **NOTIFICATION OF THE INTENTION OF LEHATING MINING (PTY) (LTD) TO SUBMIT AN EIA APPLICATION FOR THE PROPOSED LEHATING MINE**

#### **1. INTRODUCTION**

Lehating Mining (Pty) Ltd (Lehating) proposes to develop a new underground manganese mining operation near Hotazel in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, in the Northern Cape Province. The proposed mining operations will be located on Portion 1 of the farm Lehating 741 and access to the project area will be through Portion 2 of the farm Wessels 227. The proposed activities identified at this stage include the proposed underground mining operation, the establishment of related surface infrastructure and access roads. Additional project related details are provided in the attached Background Information Document (BID).

In this regard, the following NEMA listed activities could be triggered:

- **Regulation 544 (Listing Notice 1):**
  - **1** (construction of facilities for the generation of electricity);
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NEM:WA listed activities that could also be triggered include:

- **Category A:**
  - **1** (The temporary storage of general waste); and
  - **2** (The temporary storage of hazardous waste)
- **Category B:**
  - **7** (The treatment of effluent, waste water or sewage); and
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The project will incorporate various water uses that will be associated with the proposed mine development. These potential activities will be refined further during the EIA process and included in the Water Use License Application accordingly.

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Should you have any queries regarding the above, please do not hesitate to contact the undersigned.

Kind regards

UNSIGNED ELECTRONIC COPY

**Victoria Tucker**

Project manager

E-mail: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

**Brandon Stobart (EAPSA)**

Reviewer

For SLR Consulting (Africa) (Pty) Ltd

**Victoria Tucker**

**Environmental Consultant**

SLR Consulting (Africa) (Pty) Ltd

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SLR Africa (Block 7)  
Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa

**SLR**



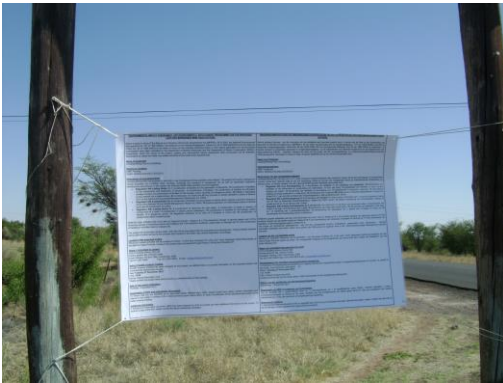
global environmental solutions

| ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME FOR THE PROPOSED<br>LEHATING MANGANESE MINE NEAR HOTAZEL  |  | OMGEWINGSIMPAKSTUDIE EN OMGEWINGSBESTUURPROGRAM VIR DIE VOORGESTELDE LEHATING MANGAANMYN NABY<br>HOTAZEL  |  |
|--|--|---|--|
| Notice is given in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002, the National Environmental Management Act, 107 of 1998 (NEMA), the National Environmental Management: Waste Act, 59 of 2008 (NEM:WA) and the National Water Act, 36 of 1998 (NWA) of the intent to carry out the activities described below. In this regard applications for environmental authorisation have been submitted to the Department of Mineral Resources and the Department of Nature Conservation (DENC), respectively. Given the nature of the project, scoping and environment impact assessment (EIA) procedures will be followed. Applications for waste and water use related activities will be made at the required time.  |  | Kennis geskied hiermee van die voorneme om die aktiwiteite wat hieronder beskryf word, in terme van die Wet op die Ontwikkeling van Minerale en Petroleum-Hulpbronne (MPRDA)), 28 van 2002, die Nasionale Wet op Omgewingsbestuur, 107 van 1998 (NEMA), die Wet op Nasionale Omgewingsbestuur: Afval Wet, 59 van 2008 (NEM: WA) en die Nasionale Waterwet, Wet 36 van 1998 (NWA) te onderneem. In hierdie verband is onderskeie aansoeke vir omgewingsmagtiging by die Departement van Minerale Hulpbronne en die Departement van Natuurbewaring (DENC), ingedien. Gegewe die aard van die projek, sal die omvangsbepaling- en omgewingimpakbepalingsprosedures (OIB) gevolg word. Aansoeke vir afval en water verwante aktiwiteite sal op die vereiste tyd gemaak word.  |  |
| <b><u>Name of proponent</u></b><br>Lehating Mining (Pty) Ltd (Lehating)  |  | <b><u>Naam van Proponent</u></b><br>Lehating Mining (Pty) Ltd (Lehating)  |  |
| <b><u>Reference numbers</u></b><br>DMR: Pending<br>DENC: NC/EIA/JTG/JOEL/LEH2/2012   |  | <b><u>Verwysingsnommers</u></b><br>DMR: Hangende<br>DENC: NC/EIA/JTG/JOEL/LEH2/2012   |  |
| <b><u>Description of proposed activity</u></b><br>Lehating Mining (Pty) Ltd proposes to establish a new manganese mining operation near Hotazel. The project will involve underground mining accessed via a decline shaft, crushing, screening and transport of manganese ore as well as associated supportive infrastructure and services. In this regard, the following NEMA listed activities could be triggered: <ul style="list-style-type: none"><li>• <b>Regulation 544 (Listing Notice 1):</b> <b>1</b> (construction of facilities for the generation of electricity), <b>10</b> (construction of facilities for the transmission and distribution of electricity), <b>11</b> (construction of bridges), <b>12</b> (construction of facilities for off-stream storage of water), <b>13</b> (construction of facilities for the storage, and/or handling of a dangerous good), <b>18</b> (infilling or depositing of any material into a watercourse), <b>22</b> (construction of a road) and <b>26</b> (any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004).</li><li>• <b>Regulation 545 (Listing Notice 2):</b> <b>5</b> (construction of facilities for any process or activity which requires a permit or license in terms of the National Environmental Management: Waste Act, 2008), <b>15</b> (physical alteration of undeveloped vacant or derelict land) and <b>19</b> (construction of a dam)</li><li>• <b>Regulation 546 (Listing Notice 3):</b> <b>2</b> (construction of reservoirs for bulk water), <b>3</b> (construction of masts or towers), <b>4</b> (construction of a road), <b>9</b> (construction of above ground cableways), <b>10</b> (construction of facilities for the storage, and/or handling of a dangerous good), <b>14</b> (vegetation clearance of an area of 5 hectares or more) and <b>16</b> (construction of infrastructure within a watercourse).</li></ul> |  | <b><u>Beskrywing van die voorgestelde aktiwiteit</u></b><br>Lehating Mining (Pty) Ltd stel voor om 'n nuwe mangaan mynbedrywighede naby Hotazel te vestig. Die projek sal toegang tot ondergrondse mynbou verkry deur dalende skag en sal ook vergruising, sifting en vervoer van mangaanerts sowel as ondersteunende infrastruktuur en dienste insluit. In hierdie verband, kan die volgende NEMA gelyste aktiwiteite veroorsaak word: <ul style="list-style-type: none"><li>• <b>Regulasie 544 (Lys Kennisgewing 1):</b> <b>1</b> (konstruksie van fasiliteite vir die opwekking van elektrisiteit), <b>10</b> (konstruksie van fasiliteite vir die transmissie en verspreiding van elektrisiteit), <b>11</b> (bou van brûe), <b>12</b> (konstruksie van fasiliteite vir buite- stroom berging van water), <b>13</b> (konstruksie van fasiliteite vir die berging, en / of hantering van 'n gevaarlike materiale), <b>18</b> (opvulling of plasing van enige materiaal in 'n waterloop), <b>22</b> (konstruksie van 'n pad) en <b>26</b> (enige proses of aktiwiteit geïdentifiseer in terme van Artikel 53 (1) van die Wet op Nasionale Omgewingsbestuur: Wet op Biodiversiteit, 2004))</li><li>• <b>Regulasie 545 (LysKennisgewing 2):</b> <b>5</b> (konstruksie van fasiliteite vir enige proses of aktiwiteit wat v 'n permit of lisensie in terme van die Wet op Nasionale Omgewingsbestuur: Waste Act, 2008 vereis), <b>15</b> (fisiese verandering van onontwikkelde vakante of verlate grond) en 19 (vir die bou van 'n dam)</li><li>• <b>Regulasie 546 (Listing Kennisgewing 3):</b> <b>2</b> (konstruksie van reservoirs vir die stoor van grootmaat water), <b>3</b> (konstruksie van maste of torings), <b>4</b> (konstruksie van 'n pad), <b>9</b> (konstruksie van bogrondse kabel bane), <b>10</b> (konstruksie van fasiliteite vir die stoor en / of hantering van 'n gevaarlikemateriale), <b>14</b> (verwydering van plantegroei oor 'n gebied van 5 hektaar of meer) en <b>16</b> (konstruksie van infrastruktuur binne 'n waterloop).</li></ul> |  |
| NEM:WA listed activities that could also be triggered include: Category <b>A 1</b> (The temporary storage of general waste) and <b>2</b> (The temporary storage of hazardous waste) and Category <b>B 7</b> (The treatment of effluent, waste water or sewage) and <b>11</b> (The construction of facilities for activities listed in Category B).   |  | NEM:WA gelyste aktiwiteite wat kan ook veroorsaak kan word, sluit in: Kategorie <b>A 1</b> (Die tydelike berging van algemene afval) en <b>2</b> (Die tydelike berging van gevaarlike afval) en Kategorie <b>B 7</b> (Die behandeling van uitvloeisel, afvalwater of rioolvuil) en <b>11</b> (Die konstruksie van fasiliteite vir die bedrywighede gelys in Kategorie B.<br>Die projek sal verskillende watergebruike wat met die voorgestelde mynbou ontwikkeling geassosieer word, inkorporeer . Hierdie potensiele aktiwiteite sal verder verfyn word tydens die OIB-proses en ingesluit word in die dienooreenkomstige Watergebruik Lisensie Aansoek.   |  |
| <b><u>Location of the proposed project</u></b><br>Mining and related activities will be located on Portion 1 of the farm Lehating 741 in the John Taolo Gaetsewe District Municipality of the Northern Cape Province. Access to the project area is proposed through Portion 2 of the farm Wessels 227.  |  | <b><u>Ligging van die voorgestelde projek</u></b><br>Mynbou-en verwante aktiwiteite sal op Gedeelte 1 van die plaas Lehating 741 in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaap Provinsie geleë sal wees. Die voorgestelde toegang tot die projekterrein sal verkry word deur middel van Gedeelte 2 van die plaas Wessels 227.  |  |
| <b><u>Name of consultant to contact</u></b><br>SLR Consulting (Africa) (Pty) Ltd<br>Contact people: Ms. Victoria Tucker<br>Postal Address: PO Box 1596, Cramerview, 2060<br>Tel: (011) 467-0945 Fax: (011) 467-0978 E-mail: <a href="mailto:vtucker@slrconsulting.com">vtucker@slrconsulting.com</a>   |  | <b><u>Naam van konsultant wat gekontak kan word</u></b><br>SLR Consulting (Africa) (Edms) Bpk<br>Kontak persone: Me. Victoria Tucker<br>Posadres: Posbus 1596, Cramerview, 2060<br>Tel: (011) 467-0945 Faks: (011) 467-0978 E-pos: <a href="mailto:vtucker@slrconsulting.com">vtucker@slrconsulting.com</a>   |  |
| <b><u>Notice of public scoping meeting</u></b><br>A public scoping meeting has been arranged for the project, as outlined below, to provide information on the proposed project and environmental assessment process.<br>Date: <b>Tuesday 27 November 2012</b><br>Time: <b>16:00</b><br>Venue: Hotazel Recreation Club<br>Please contact the people listed above should you need directions to the meeting.  |  | <b><u>Kennisgewing van openbare omvangsbepaling vergadering</u></b><br>'n Openbare omvangsbepalingvergadering om inligting rakende die voorgestelde projek en omgewingsimpakproses re voorsien, is gereël vir die projek, soos hieronder uiteengesit: , , te.<br>Datum: <b>Dinsdag 27 November 2012</b><br>Tyd: <b>16:00</b><br>Plek: Hotazel Ontspanning Klub<br>Kontak asseblief die perone hierbo gelys, indien aanwysings na die vergadering verlang word.  |  |
| <b><u>Date of site notice publication</u></b><br>Thursday 1 November 2012  |  | <b><u>Datum van die publikasie van die terreinkennisgewing</u></b><br>Donderdag, 1 November 2012  |  |
| <b><u>Registration of IAPs and submission of comment</u></b><br>To ensure that you are identified as an interested and/or affected party (IAP), please submit your name, contact information and interest in the matter in writing to the contact person(s) given above within 21 days of publication of this advertisement and/or at the public scoping meeting.  |  | <b><u>Registrasie van BGP en indiening van kommentaar</u></b><br>Om te verseker dat u geïdentifiseer word as 'n belangstellende en / of geaffekteerde party (BGP), verstrek asseblief u naam, kontakbesonderhede en belang by die saak, skriftelik aan die kontakpersoon (s) hierbo gelys binne 21 dae van publikasie van hierdie advertensie en / of by die openbare omvangsbepalingvergadering.   |  |
| <b><u>Additional information</u></b><br>A background information document (BID) has been prepared by SLR to provide you with additional information on the project. To receive a copy of the BID, please contact the above mentioned consultant.   |  | <b><u>Bykomende inligting</u></b><br>'n Agtergrond-inligtingsdokument (AID) is opgestel deur SLR om jou te voorsien met meer rakende die projek. Indien 'n afskrif van die AID on wil wordtang, kontak asseblief die bogenoemde konsultant.   |  |





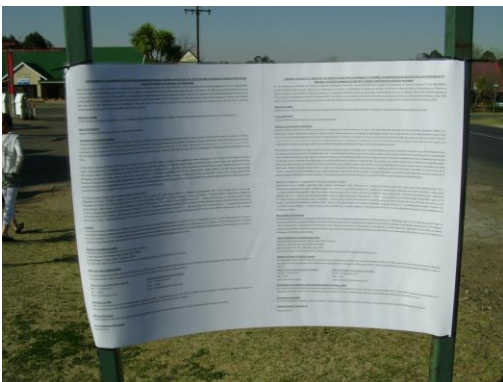
1. Site notice placed at the entrance to the farm road to Lehating 741 and Wessels 227



2. Site notice placed at the intersection between the R380 road to Hotazel and Black Rock

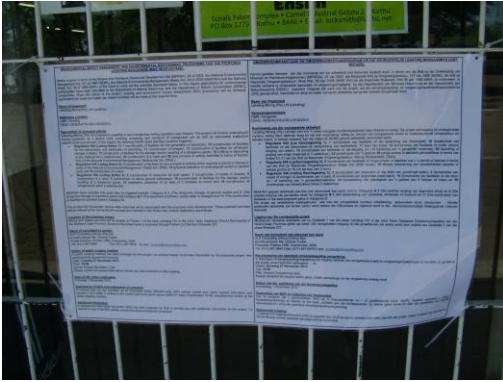


3. Site notice placed at the Black Rock Primary School in Black Rock



4. Site notice placed at the Black Rock Suburb Notice Board





5. Site notice placed at the Black Rock supermarket in Black Rock



6. Site notice placed at the Hotazel Public Library in Hotazel



7. Site notice placed at the Hotazel Post Office in Hotazel



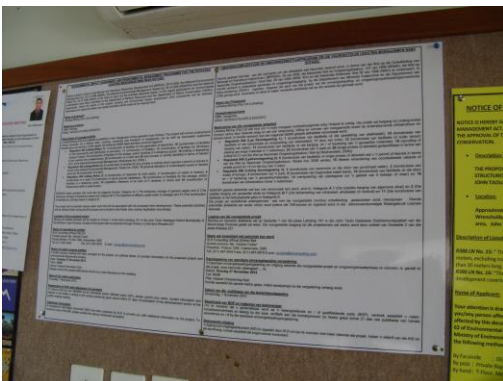
8. Site notice placed at the Hotazel Recreation Club in Hotazel



9. Site notice placed at the Hotazel supermarket in Hotazel



10. Site notice placed at the Joe Morolong Local Municipality in Kuruman



11. Site notice placed at the John Taolo Gaetsewe District Municipality in Kuruman



## SHE Day 2012 at Black Rock a Huge Success

Chantal Schroeder

There was a festive atmosphere in the air at Black Rock on Saturday, 19 October, when teams from ten mines in the area came together for the annual NCMMA SHE Day. The various teams' colourful uniforms and loud songs of encouragement added to the excitement of the day, while brisk business was done at the dozens of exhibitions of safety gear and mining equipment. The competitions included events like fire-hose handling, first aid procedures, forklifting and the always spectacular "Devil's Cross", where competitors raced against time to douse the

flames raging on the steel construction in the form of a cross. In between the events the Tsantsabane Field Band, under the enthusiastic guidance of their leader, Paul Mathebula, entertained the crowd with their lively music. An equally enthusiastic group of dancers performed some amazing steps to the tune of the music. The food stalls were well supported, and there was no lack of variety from pancakes to sosaties to 'spunix', boeries and much more, every taste was catered for. Health matters were tended to by the friendly staff of the Black Rock Life Clinic, who tested passers-by blood pressure and

sugar levels. Voluntary HIV tests and counselling were also done. Sister Iris Ross, Unit Manager of the Black Rock Occupational Health Centre, expressed her gratitude for the exceptional support they received from everybody. **WINNERS:** First Aid: 1) Idwala Team 1 (Gold), 2) UMK Team 2 (Silver) and 3) Idwala Team 2 (Bronze). Forklift: 1) PPC Lime D Hammer, 2) Idwala N Louw and 3) Afrisam A Tsholela. Safety Reps: Novices: 1) PPC Lime T Doman and Khumani - E van Wyk, 2) De Beers Kimberley B Makhata and 3) BHP Billiton (Mamatwan) T Marumo. Advanced: 1) PPC Lime L Smith, 2) Idwala J Freeman and 3) Afrisam T Chobi. Fulltime Health and Safety Reps: 1) De Beers Kimberley - A Kobedi, 2) Petra Finsch N Kgwadi and 3) BHP Billiton (Wessels) - S Reetsang. Fire Fighting: 1) Overall Winner Idwala Mens Team, 2) Overall Second Place PPC Lime Mens Team and 3) Overall Third Place Beeshoek Mens Team.



A heavy fire extinguisher was no challenge for the BHP Billiton ladies.



Wees asb geduldig  
indien u berig nie  
geplaas is nie,  
dit sal wel later  
verskyn.

Photo left:  
Members of the  
Beeshoek Fire  
Brigade show off  
their fire-hose  
handling skills.



*Huweliksfees*  
Kagiso en Eutlet Moagi is  
Saterdag 27 Oktober 2012 in die  
huwelik bevestig in die  
Methodiste Kerk in Boichoko.  
Na die fotosessie was die onthaal  
in die plaaslike stadsaal.  
Die egpaar sal hulle in  
Gauteng vestig.  
Baie Geluk!



The group of girl dancers impressed the crowd with their agility and enthusiasm.



The fearsome "Devil's Cross" is said to be the ultimate test of fire-fighting skills.



Teamwork is the name of the game....

UPINGTON

## Afrikaans Ekspo

Hoërskool Upington spog hierdie jaar met 26 nasionale inskrywings by die Afrikaans Ekspo. Van daardie inskrywings het ons 14 brons, 8 silwer en 4 goud in verskeie kategorieë behaal. Willem Esterhuyse het goud vir sy fotografie inskrywing, Natasha Janse van Rensburg spog met 'n goud vir haar kreatiewe skryfwerk en Laetitia Strauss het 2 goue sertifikate ontvang vir haar fotografie. Die Afrikaans Ekspo is 'n jaarlikse kompetisie wat landwyd gehou word om Afrikaans uit te bou. Kategorieë soos kreatiewe skryfwerk, poësie en fotografie laat leerders hulself uitlei en op 'n kreatiewe manier omgaan met die taal.

Laetitia Strauss van Hoërskool Upington verwerf 2 goue sertifikate by hierdie jaar se Afrikaans Ekspo.



## Hoërskool Olifantshoek Akademie vir CVO Senior Burger Teedag

Op Vrydagoggend, 26 Oktober 2012 het Hoërskool Olifantshoek Akademie vir CVO die bejaardes van die dorp onthaal met 'n program vol bedrywighede. Die program het afgeskop met die jongspan wat 'n liedjie en toneeltjie oor al die diertjies van die bos opgevoer het. Daarna het die Gr. 3 en 4 leerlinge die liedjie "Petrus en Johannes en Jakobus" gesing. Die hoër-skoolleerlinge het die liedjie "Neem my hand" gesing en die Gr. 3 en 4 leerlinge het toe gewys hul kan Engelse gediggies ook voordra, naamlik "Sick" deur Shel Silverstein. Die program is afgesluit deur Louisa Saayman en Mev Hester Stans met 'n blokfluit en klavier duet.



Almal het weglê aan die heerlike eetgoed en daar is gesellig gekul oor 'n koppie tee.

## ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME FOR THE PROPOSED LEHATING MANGANESE MINE NEAR HOTAZEL

Notice is given in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002, the National Environmental Management Act, 107 of 1998 (NEMA), the National Environmental Management: Waste Act, 59 of 2008 (NEM:WA) and the National Water Act, 36 of 1998 (NWA) of the intent to carry out the activities described below. In this regard applications for environmental authorisation have been submitted to the Department of Mineral Resources and the Department of Nature Conservation (DENC), respectively. Given the nature of the project, scoping and environment impact assessment (EIA) procedures will be followed. Applications for waste and water use related activities will be made at the required time.

Name of proponent  
Lehating Mining (Pty) Ltd (Lehating)

Reference numbers  
DMR: Pending  
DENC: NCE/IA/JTG/OEL/LEH2/2012

### Description of proposed activity

Lehating Mining (Pty) Ltd proposes to establish a new manganese mining operation near Hotazel. The project will involve underground mining accessed via a decline shaft, crushing, screening and transport of manganese ore as well as associated infrastructure and services. In this regard, the following NEMA listed activities could be triggered:

- Regulation 544 (Listing Notice 1): 1 (construction of facilities for the generation of electricity), 10 (construction of facilities for the transmission and distribution of electricity), 11 (construction of bridges), 12 (construction of facilities for off-stream storage of water), 13 (construction of facilities for the storage, and/or handling of a dangerous good), 18 (infilling or depositing of any material into a watercourse), 22 (construction of a road) and 26 (any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004).
- Regulation 545 (Listing Notice 2): 5 (construction of facilities for any process or activity which requires a permit or licence in terms of the National Environmental Management: Waste Act, 2008), 15 (physical alteration of undeveloped vacant or derelict land) and 19 (construction of a dam).
- Regulation 546 (Listing Notice 3): 2 (construction of reservoirs for bulk water), 3 (construction of masts or towers), 4 (construction of a road), 9 (construction of above ground cableways), 10 (construction of facilities for the storage, and/or handling of a dangerous good), 14 (vegetation clearance of an area of 5 hectares or more) and 16 (construction of infrastructure within a watercourse).

NEM:WA listed activities that could also be triggered include: Category A1 (The temporary storage of general waste) and 2 (The temporary storage of hazardous waste) and Category B 7 (The treatment of effluent, waste water or sewage) and 11 (The construction of facilities for activities listed in Category B).

The project will incorporate various water uses that will be associated with the proposed mine development. These potential activities will be refined further during the EIA process and included in the Water Use Licence Application accordingly.

### Location of the proposed project

Mining and related activities will be located on Portion 1 of the farm Lehating 741 in the John Taolo Gaetsewe District Municipality of the Northern Cape Province. Access to the project area is proposed through Portion 2 of the farm Wessels 227.

### Name of consultant to contact

SLR Consulting (Africa) (Pty) Ltd  
Contact people: Ms. Victoria Tucker  
Postal Address: PO Box 1596, Cramerview, 2060  
Tel: 011 467-0945 - Fax: 011 467-0978 - E-mail: vtucker@slrconsulting.com

### Notice of public scoping meeting

A public scoping meeting has been arranged for the project, as outlined below, to provide information on the proposed project and environmental assessment process.

Date: Tuesday 27 November 2012  
Time: 16:00  
Venue: Holazel Recreation Club  
Please contact the people listed above should you need directions to the meeting.

### Date of site notice publication

Friday 2 November 2012

### Registration of IAPs and submission of comment

To ensure that you are identified as an interested and/or affected party (IAP), please submit your name, contact information and interest in the matter in writing to the contact person(s) given above within 21 days of publication of this advertisement and/or at the public scoping meeting.

### Additional information

A background information document (BID) has been prepared by SLR to provide you with additional information on the project. To receive a copy of the BID, please contact the above mentioned consultant.





# LEHATING MINING (PTY) LTD

## BACKGROUND INFORMATION ON THE ENVIRONMENTAL ASSESSMENT FOR A NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM LEHATING 741

September 2012

### INTRODUCTION

Lehating Mining (Pty) Ltd (Lehating), proposes to establish a new manganese mining project. The proposed mining project will consist of underground mining, crushing and screening, stockpiling, a tailings disposal facility, as well as various support infrastructure and services including the transportation of the product via road. The proposed mining operations will be located on Portion 1 of the farm Lehating 741 in the John Taolo Gaetsewe District Municipality of the Northern Cape Province (Figure 1). Access to the project area will be through Portion 2 of the farm Wessels 227.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by Lehating to manage the environmental assessment process.

### ENVIRONMENTAL APPROVAL

Prior to the commencement of the proposed project an environmental assessment process including: a scoping phase, environmental impact assessment (EIA) phase and an environmental management programme (EMP) must be conducted in terms of both the Mineral and Petroleum Resources Development Act, 28 of 2002 and the National Environmental Management Act (NEMA), 107 of 1998. Both laws apply because the proposed project is a mine and it incorporates a number of listed/identified activities from Regulations R.544, R.545 and R.546 promulgated in terms of NEMA. Aspects of the project will also require authorisation in terms of the National Water Act (NWA), 36 of 1998, amongst others.

#### PURPOSE OF THIS DOCUMENT

This document has been prepared by SLR to inform you:

- about the proposed project;
- about the environmental assessment process to be followed;
- of possible environmental impacts; and
- of how you can have input into the environmental assessment process.

#### YOUR ROLE

Public involvement is an essential part of the environmental assessment process.

You have been identified as an interested and affected party (IAP) who may want to be informed about the proposed project and have input into the environmental assessment process.

All comments will be recorded and presented to the project team. You will receive feedback on how your comments have been taken into account and the outcome of the assessment.

#### HOW TO RESPOND

Responses to this document can be submitted by means of the attached comments sheet or through communication with the person listed below.

If you would like your comments to be included in the scoping report to be submitted to the relevant authorities please submit them to SLR by

**2 November 2012**

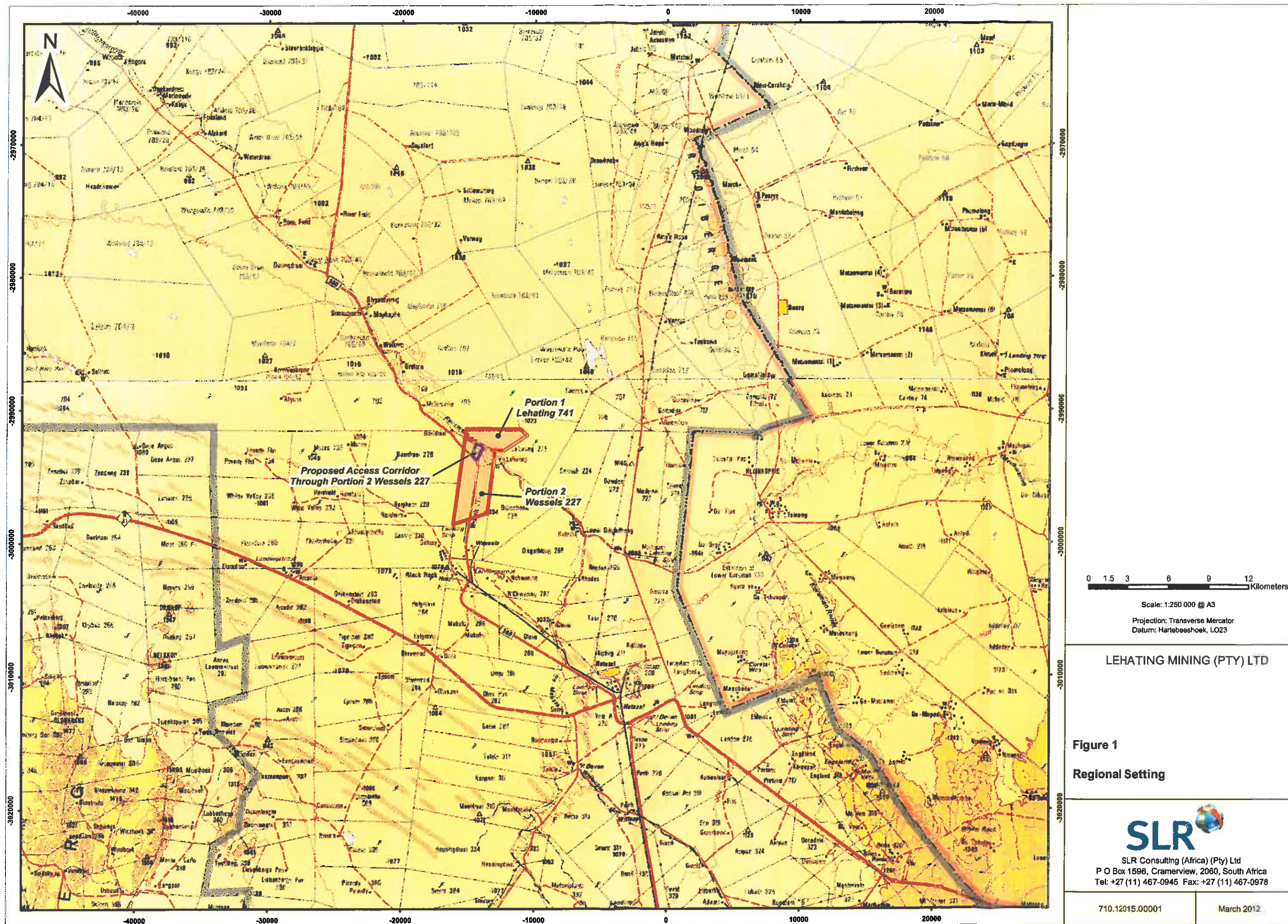
Comments received thereafter will be included in the EIA/EMP report.

For further information you can contact the person listed below.

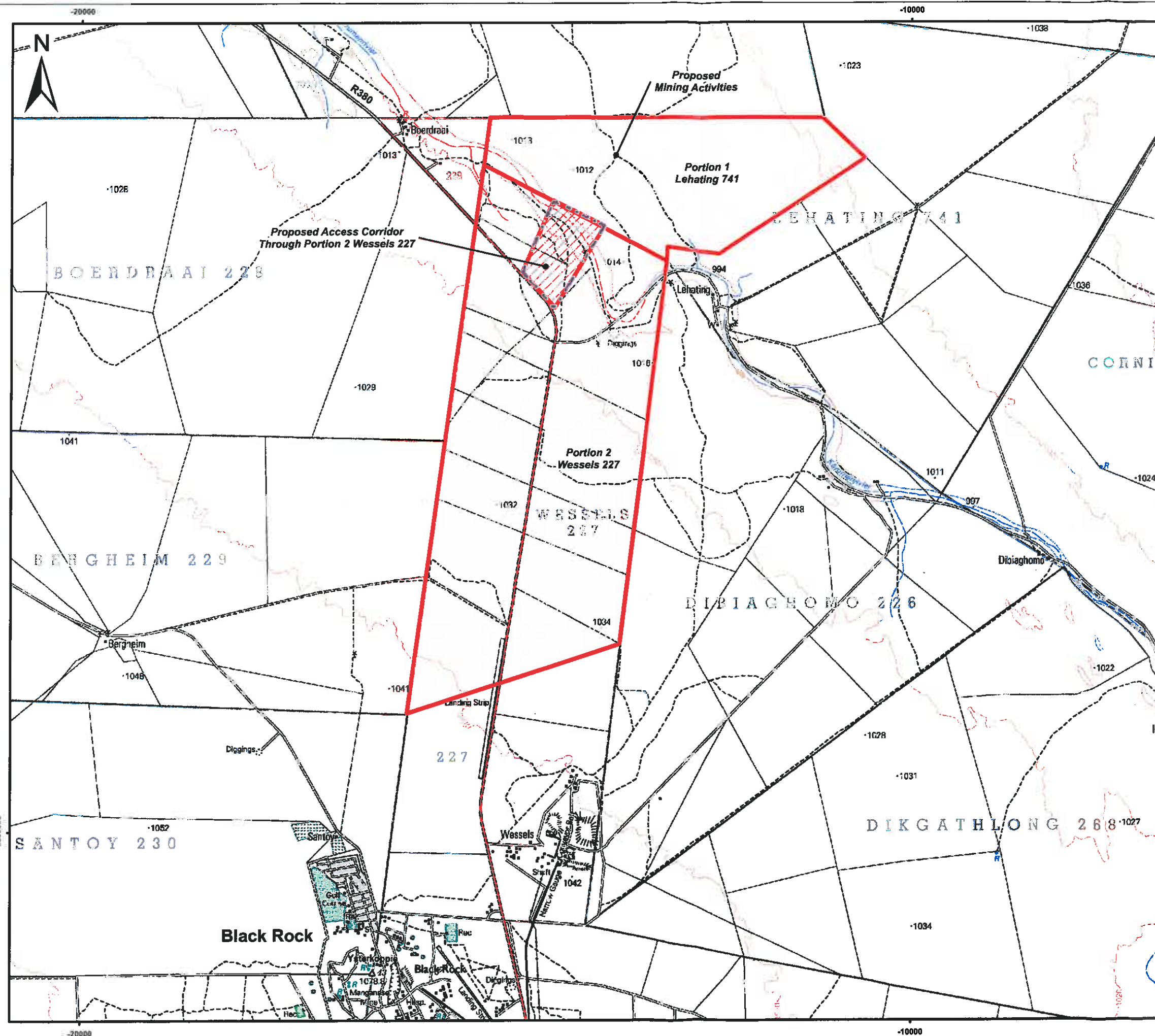
#### WHO TO CONTACT

Victoria Tucker on  
(011) 467 0945 (tel) or  
(011) 467 0978 (fax) or  
vtucker@slrconsulting.com









## DETAILED PROJECT DESCRIPTION

### MINING AND PROCESSING

The resource to be mined is the manganese ore body of the Kalahari Manganese field. It is planned to mine the ore body using underground mining methods. In this regard, access to the ore body will be via a proposed vertical shaft. Mined material will then be brought to surface via the shaft and will be crushed and screened according to grade and size.

### SUPPORTIVE SERVICES

#### Stockpiles

The product will be stockpiled on-site for loading and transport via road.

#### Access

An access road off the R380 is proposed (Figure 1). All project transportation will be by road.

#### Power

Power will be supplied by on-site generators until such time as Eskom power is available.

#### Water

Process and potable water will be provided by boreholes and mine dewatering.

#### Stores

Storage facilities will be established on-site for the storage of general consumables, spares and hazardous materials (such as explosives, fuel and lubricants).

#### Workshops

Maintenance of project equipment will be carried out at on-site workshops and wash-bays.

#### Staff facilities

Ablutions, change houses as well as administration and security facilities will also be required. Staff will be sourced from surrounding communities and no housing facilities are therefore proposed. A temporary construction camp is planned for use during the construction phase.

### WASTE

The crushing and screening process will generate a slurry which will be disposed of in a proposed tailings disposal facility. Waste rock from shaft sinking and ore body access will be stockpiled on-site and/or used for construction. Construction, general and hazardous (eg. used lubricants) waste will be temporarily stored on site prior to disposal at appropriate facilities. Sewage will be treated at an on-site treatment facility.

### MOTIVATION FOR THE PROPOSED PROJECT

Lehating will produce various grades and sizes of manganese products to suit market demand. The anticipated market prices in the medium and long-term are considered to be favourable for project development. Furthermore, the project will create several hundred direct jobs and will have a positive impact on both indirect businesses and employment.

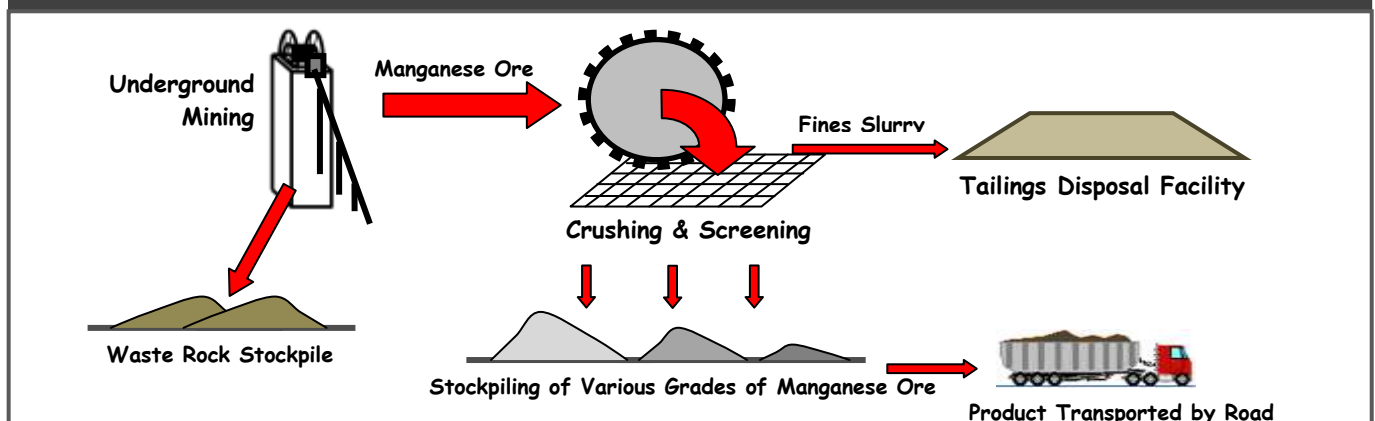
### ALTERNATIVES CONSIDERED

The process of considering alternatives will form part of the scoping phase of the environmental assessment process. More information will be provided at the scoping meetings.

### PLANNED TIMING OF THE PROJECT

If the project is approved, mining will commence in 2015. The life of mine (LOM) on current planning is between 15 and 20 years.

### CONCEPTUAL PROCESS FLOW DIAGRAM



## ENVIRONMENTAL ASSESSMENT PROCESS

The environmental assessment process provides:

- Information on the proposed project and the environment in which it is being undertaken;
- Identifies, in consultation with Interested and/or Affected Parties (IAPs), the potential negative as well as positive impacts of the proposed project; and
- Reports on management measures required to mitigate such impacts to an acceptable level.

IAPs and other stakeholders will receive notification of meetings and report review periods at least two weeks in advance.

### STEPS IN THE ASSESSMENT PROCESS

#### PHASE 1 – Environmental Application (March – September 2012)

- Conduct site visit and commence with baseline studies and identify potential impacts
- Submit application to DMR (*MPRDA*) and DENC (*NEMA*)
- Discussions with key regulatory authorities, if required a regulatory authority scoping meeting will be arranged

#### PHASE II – Scoping (September – October 2012)

- Notify all regulatory authorities and IAPs of the proposed project (via direct consultation, newspaper advertisements, site notices, this document)
- Arrange a public scoping meeting
- Define outstanding issues and terms of reference for addressing potential environmental impacts
- Compile scoping report and make it available for comment by IAPs, DMR and other Regulatory Authorities
- Collect and forward IAP comments to Regulatory Authorities

#### PHASE III – EIA / EMP (August 2012 – February 2013)

- Assess impacts of proposed project and compile EIA/EMP report
- Make this available to IAPs, DMR and other Regulatory Authorities for review
- Collect and forward IAP comments to Regulatory Authorities

#### RECORD OF DECISION (February 2013 – June 2013)

- Circulate notification of record of decision to IAPs (upon receipt from DMR and DENC)

### PARTIES INVOLVED IN THE ASSESSMENT PROCESS

#### PROJECT PROPONENT

- Lehating Mining (Pty) Ltd

#### PROJECT TEAM

- SLR
- Mine design and planning team
- Specialist consultants

#### IAPS

- Surrounding landowners/users
- Surrounding communities
- Surrounding industries
- Non-government organisations and associations in the area

#### REGULATORY AUTHORITIES

- Department of Mineral Resources (DMR);
- Department of Environment and Nature Conservation (DENC)
- Department of Water Affairs (DWA)
- South African Heritage Resources Agency (SAHRA)
- Department of Land Affairs (DLA)
- John Taolo Gaetseane District Municipality
- Joe Morolong Local Municipality

**Please let us know if there are any additional parties that should be involved.**

### ENVIRONMENTAL PERMISSIONS TO BE OBTAINED

- Environmental authorisation (DENC)
- Mining right and decision on EMP (DMR)
- Water use licence (DWA)
- Paleontological permit (SAHRA) (if applicable)
- Waste licence (DEA) (if applicable)
- Protected plant species removal permit (DAFF) (if applicable)

## POTENTIAL ENVIRONMENTAL ISSUES

The list below is based on issues typically associated with projects of this nature as well as issues raised by various IAPs during previous environmental assessments in the region. Any additional issues raised by IAPs during the proposed scoping phase, will be added to the list.

| POTENTIAL ISSUES          |  | PROPOSED STUDY TEAM   |
|---------------------------|--|---|
| <b>GEOLOGY</b>            | <ul style="list-style-type: none"> <li>▪ Loss of a mineral resources</li> </ul>  | Lehating & SLR  |
| <b>SOILS AND LAND USE</b> | <ul style="list-style-type: none"> <li>▪ Loss of soil resource</li> <li>▪ Changes to land capability</li> </ul>  | ARC-Institute for Soil, Climate & Water                             |
| <b>BIODIVERSITY</b>       | <ul style="list-style-type: none"> <li>▪ Loss of habitat</li> <li>▪ General disturbance to wildlife</li> </ul>   | Ecological Management Services                                      |
| <b>AIR QUALITY</b>        | <ul style="list-style-type: none"> <li>▪ Dust and air emissions</li> </ul>   | Airshed Planning Professionals (Pty) Ltd                            |
| <b>SURFACE WATER</b>      | <ul style="list-style-type: none"> <li>▪ Changes to drainage patterns</li> <li>▪ Surface water contamination</li> </ul>  | SLR   |
| <b>GROUNDWATER</b>        | <ul style="list-style-type: none"> <li>▪ Lowering of water table</li> <li>▪ Contamination of groundwater</li> </ul>  | SLR   |
| <b>BLASTING</b>           | <ul style="list-style-type: none"> <li>▪ Impacts relating to ground vibrations</li> </ul>  | SLR   |
| <b>TRAFFIC</b>            | <ul style="list-style-type: none"> <li>▪ Impacts on service levels of roads</li> <li>▪ Impacts on other road users</li> </ul>  | Siyazi Gauteng  |
| <b>NOISE</b>              | <ul style="list-style-type: none"> <li>▪ General noise pollution</li> </ul>  | SLR   |
| <b>VISUAL</b>             | <ul style="list-style-type: none"> <li>▪ Changes to the visual landscape</li> </ul>  | SLR   |
| <b>HERITAGE</b>           | <ul style="list-style-type: none"> <li>▪ Loss of heritage resources</li> <li>▪ </li> </ul>   | Professional Grave Solutions (Heritage)                             |
| <b>PALAEONTOLOGY</b>      | <ul style="list-style-type: none"> <li>▪ Loss of fossil resources</li> </ul>   | Metsi Metseng Geological and Environmental Services (Palaeontology) |
| <b>SOCIO-ECONOMIC</b>     | <ul style="list-style-type: none"> <li>▪ Investment in local and regional economy</li> <li>▪ Employment opportunities and influx of job seekers</li> <li>▪ Impact on the lifestyle and services of surrounding communities</li> <li>▪ Land use analysis</li> </ul> | SLR and Strategy4Good   |

LEHATING MINING (PTY) LTD  
ENVIRONMENTAL ASSESSMENT FOR A NEW UNDERGROUND MANGANESE MINING OPERATION  
ON THE FARM LEHATING 741  
REGISTRATION AND RESPONSE FORM FOR INTERESTED AND AFFECTED PARTIES

|  |  |                         |  |
|--|--|-------------------------|--|
| DATE   |  | TIME                    |  |
| PARTICULARS OF THE INTERESTED AND AFFECTED PARTY |  |                         |  |
| NAME   |  |                         |  |
| POSTAL ADDRESS                                   |  |                         |  |
|  |  |                         |  |
|  |  |                         |  |
|  |  | POSTAL CODE             |  |
| WORK/ DAY<br>TELEPHONE NUMBER                    |  | WORK/ DAY FAX<br>NUMBER |  |
| CELL PHONE NUMBER                                |  | E-MAIL ADDRESS          |  |

[illegible]

Please return completed forms to:

**Victoria Tucker**  
**SLR Consulting (Africa) (Pty) Ltd**  
**P O Box 1596, Cramerview, 2060**  
**Fax: (011) 467-0978**  
**Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)**

Please return completed forms to:

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**SLR Consulting (Africa) (Pty) Ltd**  
**P O Box 1596, Cramerview, 2060**  
**Fax: (011) 467-0978**  
**Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)**



**LEHATING MINING (PTY) LTD**

**PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM  
LEHATING 741**

**SOCIAL SCAN: QUESTIONNAIRE**

|   |                                     |                           |                          |
|---|-------------------------------------|---------------------------|--------------------------|
| Date:   | 10 October 2012                     |                           |                          |
| <b>General details</b>                          |                                     |                           |                          |
| Name and Surname:                               | Simone Fawre                        |                           |                          |
| Location:                                       | Hotazel Recreation Club             |                           |                          |
| Interest:                                       | Other IAP - Scoping meeting venue   |                           |                          |
| Representative (if applicable):                 |                                     |                           |                          |
| <b>Contact details</b>                          |                                     |                           |                          |
| Postal address:                                 |                                     |                           |                          |
| Tel No.:  | 053 742 2164                        |                           |                          |
| Fax No.:  |                                     |                           |                          |
| Cell No.:                                       | 082 339 2348                        |                           |                          |
| E-mail:   | Simone.fawre@phpbilliton.com        |                           |                          |
| <b>Public involvement details</b>               |                                     |                           |                          |
| Preferred method of communication:              | email                               |                           |                          |
| Preferred language:                             |                                     |                           |                          |
| Newspapers read:                                |                                     |                           |                          |
| Site notices:                                   |                                     |                           |                          |
| <b>Additional information/Comments</b>          |                                     |                           |                          |
| <u>Issues/Concerns/Comments:</u>                |                                     |                           |                          |
|   |                                     |                           |                          |
| <b>Information received/noted (Please tick)</b> |                                     |                           |                          |
| Background information document:                | <input checked="" type="checkbox"/> | Site notices for display: | <input type="checkbox"/> |
| Other (specify):                                |                                     |                           |                          |
| <b>Other IAPs who should be involved:</b>       |                                     |                           |                          |
| Name & contact                                  |                                     |                           |                          |
| Name & contact                                  |                                     |                           |                          |
| <b>Signature (as proof of consultation)</b>     |                                     |                           |                          |
|   |                                     |                           |                          |



**LEHATING MINING (PTY) LTD**

**PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM  
LEHATING 741**

**SOCIAL SCAN: QUESTIONNAIRE**

Date: 10 October 2012

**General details**

Name and Surname: Vinene Wessels

Location: Hotazel Library

Interest:

Representative (if applicable):

**Contact details**

Postal address: Wesseliel Street

Tel No.:

Fax No.:

Cell No.: 078 122 3021 /

E-mail: Hotazellibrary47@gmail.com

**Public involvement details**

Preferred method of communication: Email

Preferred language: Afrikaans

Newspapers read: Bulletin & Kathu Gazette

Site notices:

**Additional information/ Comments**

Issues/Concerns/Comments:

**Information received/noted (Please tick):**

Background information document:



Site notices for display:

Other (specify):

**Other IAPs who should be involved:**

Name & contact

Name & contact

**Signature (as proof of consultation)**

# LEHATING MINING (PTY) LTD

## PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM LEHATING 741

### SOCIAL SCAN: QUESTIONNAIRE

Date: 10 October 2012

#### General details

Name and Surname: S. Moko

Location: Delta FMD Mine, Black Rock (Security)

Interest: Landowner

Representative (if applicable):

#### Contact details

Postal address:

Tel No.:

Fax No.:

Cell No.: 082 418 7155

E-mail:

#### Public involvement details

Preferred method of communication:

Preferred language:

Newspapers read:

Site notices:

#### Additional information/Comments

Issues/Concerns/Comments:

#### Information received/noted (Please tick)

Background information document:

Site notices for display:

Other (specify):

#### Other IAPs who should be involved:

Name & contact

Name & contact

#### Signature (as proof of consultation)

# LEHATING MINING (PTY) LTD

## PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM LEHATING 741

### SOCIAL SCAN: QUESTIONNAIRE

Date: 10 October 2012

#### General details

Name and Surname: Ryno V. Schalkwyk

Location: Lehating Portion 0

Interest: Landowner

Representative (if applicable): none

#### Contact details

Postal address:

Tel No.:

Fax No.:

Cell No.:

E-mail: none

#### Public involvement details

Preferred method of communication: Afrikaans

Preferred language: Cell phone

Newspapers read: Rapport, Kuruman Bulletin, Landbou (Mag).

Site notices:

#### Additional information/Comments

##### Issues/Concerns/Comments:

lives just off road → rumper on a post (near bitazel)  
Rhodes<sup>26A</sup> farm - Nidky Pretorius (Ryno doesn't have their contacts)  
Mothlapani 222 - Rian van der Westhuizen 082 380 2445  
East 270 - Portion 2 → George Smit  
Portion 0 → Pretorius  
Schalk v/d Naaf  
Sinnco - L  
Schwartz IS  
Johan Lamprecht - Culi's brother  
Mollersville Boerdery (Farm 703, 49) - Tia Moller 082 395 9998 (wife)  
Johan Moller 072 477 7835

##### Information received/noted (Please tick):

Background information document: ☒

Site notices for display: 0839 7015

Other (specify):

##### Other IAPs who should be involved:

Name & contact

Name & contact

##### Signature (as proof of consultation)

| LEHATING MINING (PTY) LTD   |                            |
|---|----------------------------|
| PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM<br>LEHATING 741   |                            |
| SOCIAL SCAN: QUESTIONNAIRE  |                            |
| Date:   | 9 October 2012             |
| <b>General details</b>  |                            |
| Name and Surname:   | Ellus Lamprecht            |
| Location:   | Mecca 22 233               |
| Interest:   | Landowner                  |
| Representative (if applicable):   |                            |
| <b>Contact details</b>  |                            |
| Postal address:   |                            |
| Tel No.:  |                            |
| Fax No.:  |                            |
| Cell No.:   | 079 6655 444               |
| E-mail:   | mecca.guesthouse@gmail.com |
| <b>Public involvement details</b>   |                            |
| Preferred method of communication:  | E-mail                     |
| Preferred language:   | Afrikaans                  |
| Newspapers read:  |                            |
| Site notices:   |                            |
| <b>Additional information/Comments</b>  |                            |
| <p>Issues/Concerns/Comments: [Will e-mail out details]</p> <p>Provided following details for landowners.</p> <ul style="list-style-type: none"> <li>- Saltrim Ranches - Gratton 709 : Hendrik Verker</li> <li>- Karlsruhe Trust → Hannes de Blok (Tonie-Son)</li> <li>- Elizabethville - Cappel du Plessis + [Grobler - Boulden]</li> <li>- Gernodisa - Jan van Straten</li> <li>- Anna Williamson - small portion of Dikgaping</li> </ul> <p><i>Boulden Portion 2 - Jarvis 08 2 222 7412</i></p> |                            |
| <b>Information received/noted (Please tick)</b>   |                            |
| Background information document:  | Please e-mail              |
| Site notices for display:   |                            |
| Other (specify):  |                            |
| <b>Other IAPs who should be involved:</b>   |                            |
| Name & contact  |                            |
| Name & contact  |                            |
| <b>Signature (as proof of consultation)</b>   |                            |
|   |                            |



# LEHATING MINING (PTY) LTD

## PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM LEHATING 741

### SOCIAL SCAN: QUESTIONNAIRE

Date: 9 October 2012

#### General details

Name and Surname: Joseph van der Walt  
Location: (Kuruman - 13 Bree Street)

Interest:

Representative (if applicable):

#### Contact details

Postal address: PO Box 113 Hobart  
8490

Tel No.:

Fax No.:

Cell No.: 082 517 6104

E-mail: dlabasiaghu@s@gmail.com

#### Public involvement details

Preferred method of communication: email

Preferred language: Afrikaans

Newspapers read: Kuruman Bulletin

Site notices:

#### Additional information/Comments

##### Issues/Concerns/Comments:

- economic value of land.
- staff accommodation
- when is the mine starting?
- security (high theft in the area)
- suggest to meet on Tuesdays at someone's house.

Provided contact details for:  
Gawie Stals  
Cillius Lamprecht

#### Information received note 1 (Please tick):

Background information document: ☒

Site notices for display: ☐

Other (specify):

#### Other (APs who should be involved):

Name & contact

Name & contact

#### Signature (as proof of consultation)

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LEHATING MINING (PTY) LTD

PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM  
LEHATING 741

SOCIAL SCAN: QUESTIONNAIRE

Date: 9 October

General details

Name and Surname: Piet Jantjes

Location: 226 Die Baar (Joseph van der Walt)

Interest: "4x4" Skerpioen Park

Representative (if applicable):

Contact details

Postal address: none

Tel No.: none

Fax No.: none

Cell No.: none

E-mail: none

Public involvement details

Preferred method of communication:

Preferred language: Afrikaans

Newspapers read: Ledeurne

Site notices:

Additional information/Comments

Issues/Concerns/Comments:

Information received/noted (Please tick)

Background information document: ☒ Site notices for display: ☐

Other (specify):

Other (APs who should be involved)

Name & contact

Name & contact

Signature (as proof of consultation)



| <b>LEHATING MINING (PTY) LTD</b><br><b>PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM</b><br><b>LEHATING 741</b><br><b>SOCIAL SCAN: QUESTIONNAIRE</b> |                           |                           |  |
|--|---------------------------|---------------------------|--|
| Date:  |                           |                           |  |
| <b>General details</b>   |                           |                           |  |
| Name and Surname:  | Dawid Polelo              |                           |  |
| Location:  | Wessels 227               |                           |  |
| Interest:  | Farm water - location (A) |                           |  |
| Representative (if applicable):  |                           |                           |  |
| <b>Contact details</b>   |                           |                           |  |
| Postal address:  | none                      |                           |  |
| Tel No.:   | none                      |                           |  |
| Fax No.:   |                           |                           |  |
| Cell No.:  |                           |                           |  |
| E-mail:  |                           |                           |  |
| <b>Public involvement details</b>  |                           |                           |  |
| Preferred method of communication:   | Not indicate              |                           |  |
| Preferred language:  | Afr.                      |                           |  |
| Newspapers read:   |                           |                           |  |
| Site notices:  |                           |                           |  |
| <b>Additional information/Comments</b>   |                           |                           |  |
| <u>Issues/Concerns/Comments:</u>   |                           |                           |  |
|  |                           |                           |  |
| <b>Information received/noted (Please tick)</b>  |                           |                           |  |
| Background information document:   |                           | Site notices for display: |  |
| Other (specify):   |                           |                           |  |
| <b>Other IAPs who should be involved:</b>  |                           |                           |  |
| Name & contact   |                           |                           |  |
| Name & contact   |                           |                           |  |
| <b>Signature (as proof of consultation)</b>  |                           |                           |  |
|  |                           |                           |  |

**LEHATING MINING (PTY) LTD**

**PROPOSED NEW UNDERGROUND MANGANESE MINING OPERATION ON THE FARM  
LEHATING 741**

**SOCIAL SCAN: QUESTIONNAIRE**

Date: 10 October 2012

**General details**

Name and Surname: Thabo Manne

Location:

Interest: BHP Billiton Communication

Representative (if applicable):

**Contact details**

Postal address:

Tel No.: 053 742 2296

Fax No.:

Cell No.: 083 262 9326

E-mail: thabo.manne@hpbilliton.com

**Public involvement details**

Preferred method of communication:

Preferred language:

Newspapers read:

Site notices:

**Additional information/ Comments**

Issues/Concerns/Comments:

**Information received/noted (Please tick):**

Background information document:

Site notices for display:

Other (specify):

**Other IAPs who should be involved:**

Name & contact

Name & contact

**Signature (as proof of consultation)**

**LEHATING MINING (PTY) LTD**  
**MINUTES OF PUBLIC SCOPING MEETING**

|                        |  |
|------------------------|--|
| <b>DATE</b>            | Tuesday, 27 November 2012, 10.00   |
| <b>VENUE:</b>          | Hotazel Recreation Club, Hotazel   |
| <b>PROJECT:</b>        | Lehating Environmental Impact Assessment   |
| <b>SLR COMPANY:</b>    | SLR Consulting (Africa)  |
| <b>PROJECT NUMBER:</b> | 710.12015.00001  |
| <b>PURPOSE:</b>        | <p>The purpose of the meeting was to:</p> <ul style="list-style-type: none"> <li>• introduce the proposed project;</li> <li>• understand the environmental process being followed;</li> <li>• raise and record environmental issues; and</li> <li>• discuss possible environmental specialist investigations to be conducted for the EIA/EMP.</li> </ul> |
| <b>ATTENDANCE:</b>     | An attendance register is presented in APPENDIX 1  |

**1. OPEN AND INTRODUCTION**

Victoria Tucker (VT) from SLR Consulting (Africa) (Pty) Ltd (SLR) opened the meeting and welcomed all delegates. Also present from SLR was Mrs Suan Mulder (SM). Present from Lehating Mining (Pty) Ltd (Lehating) were Mr Nico Hager (NH) and Mr Charles Sambo (CS). All attendees were provided with a Background Information Document (BID).

**2. APOLOGIES**

None.

**3. PRESENTATION**

VT gave a presentation on the environmental assessment process that is currently underway for Lehating Mining. A copy of the presentation is attached in APPENDIX 2.

**4. DISCUSSION**

A number of issues were raised during the meeting. These have been recorded in the table attached as APPENDIX 3. Where a response was provided the response has been included in the table.

**5. THE WAY FORWARD**

VT outlined the way forward as follows:

- Distribute scoping report (approximately December 2012 – January 2013)
- Regulatory authority and public review (30 days, not including December holidays: 15 December 2012 – 6 January 2013)
- Specialist EIA investigations (over next 6 months)
- Distribute EIA and EMP report (approximately 2nd quarter of 2013)

- Distribute notifications of decisions

EIA Process Logistics:

Distribution of summaries, newsletters, notice of decision:

- By post and/or e-mail to registered IAPs (English and Afrikaans); and
- SMS notification

Distribution of complete reports

- Joe Morolong Local Municipality;
- John Taolo Gaetsewe District Municipality;
- Hotazel Public Library;
- SLR's offices in Johannesburg; and
- Electronically on a CD, made available to IAPs on request.

Registered IAPs will receive invitations to meetings, summary documents, newsletters and records of decision via post and/or email. Complete reports will be placed at the locations located above. Smses will be sent to the registered cell phone addresses indicating that reports are available at the indicated locations.

## **6. CLOSE**

The meeting was closed by VT.

## APPENDIX 1: ATTENDANCE REGISTER

| Name                 | Interest/Village   | Postal address                                | Contact details                            |
|----------------------|--|---|--|
| Victoria Tucker      | SLR Consulting<br>(Africa)   | P O Box 1596<br>Cramerview<br>2060            | vtucker@slrconsulting.com                  |
| Suan Mulder          |  |   | smulder@slrconsulting.com                  |
| Nico Hager           | Lehating Mining (Pty)<br>Ltd   | 12 Kareekraal Avenue<br>Eldoraigne X3<br>0157 | nhager@lehating.com                        |
| Charles Sambo        |  |   | csambo@lehating.com                        |
| ER van Schalkwyk     | Landowner  | P O Box 119<br>Kuruman<br>8460                | 082 663 5192                               |
| HTE Bohnen           | Medical Practitioner   | P O Box 2618<br>Kuruman<br>8460               | 082 859 7617<br>htebohn@yahoo.com          |
| K J Lamprecht        | Landowner  | P O Box 17<br>Santoy<br>8491                  | 079 665 5444<br>mecca.guesthouse@gmail.com |
| Jeff Leader          | Representative of the<br>Ntsimbintle Consortium, the<br>landowner of Portion 2<br>of the farm Wessels<br>227 as well as the<br>holder of a manganese<br>prospecting right over<br>the same property. | P O Box 652286<br>Benmore<br>201              | 082 499 8001<br>jeff@tsipi.co.za           |
| Stephan van der Walt | Surrounding<br>landowner   | P O Box 388<br>Kuruman<br>8460                | 082 920 6832<br>scwalt@gmail.com           |

## APPENDIX 2: PRESENTATION

### APPENDIX 3: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

| Issue raised   | By whom            | Response (given by VT unless stated otherwise)  |
|--|--------------------|---|
| <b>Access to minerals</b>  |                    |   |
| As the landowner of Portion 2 of Wessels 227, we would like to object to the proposed access road across our land as there will be a sterilisation of mineral resources. We have not been consulted on this proposal and will register a formal complaint to the Minister. | Jeff Leader        | Your issue has been noted and will be submitted to Lehaving for action.               |
| <b>Groundwater related</b>   |                    |   |
| I would like to raise a concern regarding the ground water resource and the projects' potential impact on the quality of this resource.  | Cules Lamprecht    | Groundwater impacts will be investigated and assessed as part of the EIA/EMP process. |
| <b>Roads, Transport and Traffic</b>  |                    |   |
| Will the R380 be tarred?   | Ryno van Schalkwyk | Responses to these road use issues will be provided in the EIA/EMP report.            |
| People are accessing the accommodation compound on Dibiaghomo, and the increased use has resulted in many potholes that have developed in the gravel road in front of my house.  | Ryno van Schalkwyk |   |



**LEHATING MINING (PTY) LTD**  
**ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED MANGANESE MINE NEAR HOTAZEL**  
**SCOPING REPORT FOR PUBLIC REVIEW**

Dear Sir/Madam

## 1. INTRODUCTION

Lehating Mining (Pty) Ltd (Lehating) proposes to develop a new underground manganese mining operation near Hotazel and Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The proposed mine will be located on Portion 1 of the farm Lehating 741, with site access to be attained through the northern section of Portion 2 of the farm Wessels 227. The regional and local settings are presented in Figure 1 and Figure 2, respectively. The proposed project will involve: site access; establishment of a main access shaft and mine ventilation shaft; on-surface crushing and screening of manganese ore; stockpiling of product; waste rock and tailings disposal; water abstraction; and associated support infrastructure and services.

SLR Consulting (Africa) (Pty) Ltd (SLR Africa), an independent firm of environmental consultants, has been appointed by Lehating to manage the environmental process for the project components. In this regard, authorisation will be required from the Department of Mineral Resources (DMR) in support of a mining right application and the Northern Cape Department of Environment and Nature Conservation (DENC). Various activities will trigger the application of a waste license from the Department of Environment Affairs (DEA) in terms of the National Environmental Management Act: Waste Act (NEM:WA), (Act 59 of 2008). The NEM:WA application will be submitted to the relevant authority after the distribution of the Scoping Report. The proposed project will also require authorisation for various water uses from the Department of Water Affairs (DWA) in terms of the National Water Act (NWA), (Act 36 of 1998). The Water Use Licence (WUL) will be submitted following the EIA process.

As part of the project's environmental impact assessment (EIA) and environmental management programme (EMP) process, a scoping report has been produced. The main purpose of the scoping report is to set out the terms of reference for the EIA/EMP process that will enable the meaningful assessment of all relevant environmental and social issues. This document is a summary of the scoping report. Afrikaans translations are available on request.

FIGURE 1: LOCAL SETTING

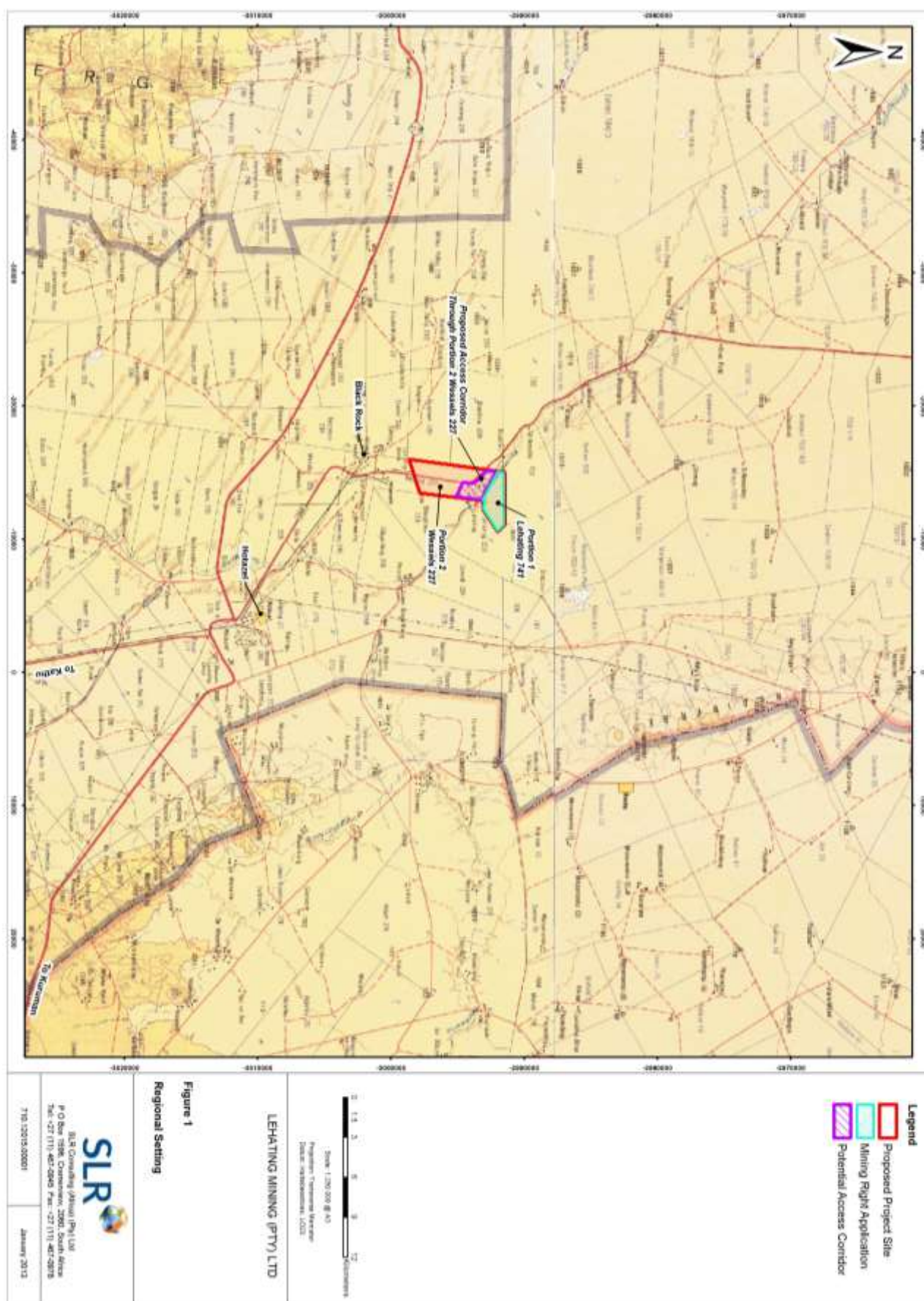
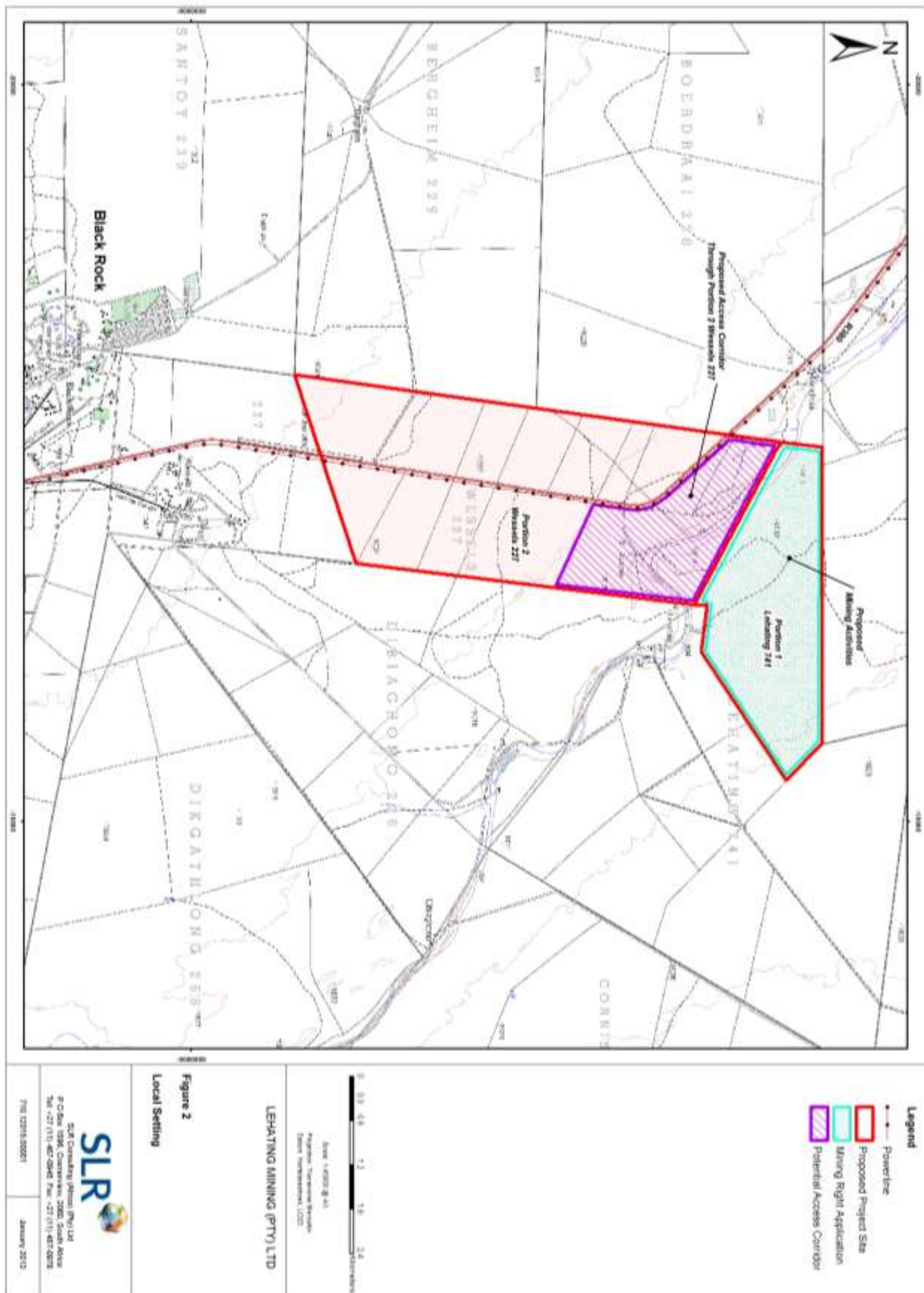


FIGURE 2: REGIONAL SETTING





## ATTACHED DOCUMENTS

The following documents have been extracted from the scoping report for your review:

**Appendix 1:** Issues raised by interested and/or affected parties (IAPs) and regulatory authorities (Appendix D of the scoping report).

**Appendix 2:** Terms of reference for further investigations (Section 6.1 of the scoping report).

### 3. REVIEW OF SCOPING REPORT

The scoping report will be made available for public review from 15 April 2013. Full copies of the scoping report will be available for public review at the following venues:

- Joe Morolong Local Municipality;
- John Taolo Gaetsewe District Municipality;
- Hotazel Public Library;
- SLR's offices in Johannesburg.

Summaries of the report will be sent by post or e-mail to all IAPs and authorities on the project's public involvement database. In addition, IAPs will be notified when the report is available for review via SMS and email.

Electronic copies of the scoping report will be made available to IAPs on request (electronically by e-mail or on disk). IAPs will be given until **Friday 17 May 2013** to review the scoping report and submit comments in writing by means of either fax or email. Comments should be submitted in writing to SLR via fax (+27 11 467 0978) and/or e-mail [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com).

### 4. PLAN OF STUDY FOR THE EIA/EMP

The main objectives of the EIA/EMP phase are to:

- assess project alternatives;
- assess the potential cultural, heritage, socio-economic and biophysical impacts of the project;
- identify and describe procedures and measures that will mitigate potential negative impacts and enhance potential positive impacts;
- liaise with IAPs including relevant government departments on issues relating to the proposed development to ensure compliance with existing guidelines and regulations;
- undertake consultations with IAPs and provide them with an opportunity to review and comment on the outcomes of the environmental assessment process and acceptability of mitigation measures;
- develop an environmental management plan and a conceptual closure/decommissioning plan; and
- provide measures for on-going monitoring (including environmental audits) to ensure that the project plan and proposed mitigation measures are implemented as outlined in the detailed EIA and EMP report.

## 5. EIA/EMP PHASE ACTIVITIES AND TIMING

An overview of the EIA/EMP phase and corresponding activities are outlined in the table below (Table 14 of the scoping report).

| OBJECTIVES   | CORRESPONDING ACTIVITIES AND ESTIMATED DATES  |
|--|---|
| <b><i>Further investigations (April 2013 to July 2013)</i></b>   |   |
| <ul style="list-style-type: none"> <li>Describe the affected environment</li> <li>Define potential impacts</li> <li>Give management and monitoring recommendations</li> </ul>                                | <ul style="list-style-type: none"> <li>Investigations by technical project team and SLR of issues identified during the scoping stage including investigations into alternatives.</li> </ul>  |
| <b><i>EIA/EMP phase (April 2013 to February 2014? )</i></b>  |   |
| <ul style="list-style-type: none"> <li>Assessment of potential environmental impacts</li> <li>Design requirements and management and mitigation measures</li> <li>Receive feedback on application</li> </ul> | <ul style="list-style-type: none"> <li>Compilation of EIA and EMP report.</li> <li>Distribute EIA and EMP report to IAPs and other regulatory authorities for review (August 2013).</li> <li>Feedback meetings with authorities and IAPs as required (September 2013).</li> <li>Record comments (September 2013).</li> <li>Forward IAP comments to DMR (October 2013).</li> <li>Circulate record of decision to all registered IAPs (December 2013 – February 2014).</li> </ul> |

If you have any related questions please contact the undersigned.

Regards

Victoria Tucker

Brandon Stobart

For SLR Consulting (Africa) (Pty) Ltd

E-mail: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

**APPENDIX 1: ISSUES RAISED TO DATE BY IAPS AND REGULATORY AUTHORITIES (APPENDIX D OF SCOPING REPORT)**

| <b>ISSUE RAISED</b>   | <b>BY WHOM AND WHEN</b>   | <b>RESPONSE GIVEN BY PROJECT TEAM (Responses updated, where required, for the purposes of the Scoping Report)</b>   |
|---|---|---|
| <b>Procedural issues</b>  |   |   |
| Is a waste licence required?  | Marvin Matthews [Department of Nature Conservation (DENC), authorities scoping meeting, 27 November 2012. | At this stage is it anticipated that a waste licence will be required due to the proposed construction of a sewage treatment plant on site. We are determining the volume and input capacity that will be required, consulting with the relevant authorities and then will proceed with the waste licence application. This will be dealt with in the EIA/EMP report, according to Section 3.2 of the Scoping Report. |
| Is there storage of general and hazardous waste on site? If so, it is necessary that SLR engages Neo Gosi at DENC with regards to what is required for a waste licence application. | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                                    | There may be storage of general and hazardous waste. The volumes of waste will be determined in the Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) phase.  |
| How is the process of rezoning land from agricultural to mining use approached?   | Nico Hager (Lehating), authorities scoping meeting, 27 November 2012.                                     | The Joe Morolong Local Municipality should be consulted with regards to the procedure of the rezoning process.  |
| <b>Technical / project related issues</b>   |   |   |
| What is the footprint of the Tailings Storage Facility (TSF) and Waste Rock Dump (WRD)?   | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                                    | This information will be specified in the EIA/EMP report.   |
| What is the Life of Mine (LOM)?   | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012.           | It is anticipated that the mine will be operational for 15 years.   |
| <b>Access to minerals</b>   |   |   |



| ISSUE RAISED  | BY WHOM AND WHEN  | RESPONSE GIVEN BY PROJECT TEAM (Responses updated, where required, for the purposes of the Scoping Report)  |
|---|---|---|
| As the landowner of Portion 2 of Wessels 227, we would like to object to the proposed access road across our land as there will be a sterilisation of mineral resources. We have not been consulted on this proposal and will register a formal complaint to the Minister | Jeff Leader (Representative for Ntsimbintle Mining), public scoping meeting, 27 November 2012 | This will be resolved in discussions with Lehating and Ntsimbintle.   |
| <b>Ground water related</b>   |   |   |
| Could we please have insight into the conceptual groundwater model for the proposed mine, specifically relating to mine/aquifer dewatering.   | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       | All of these water related issues will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report. |
| What will the local and regional effect of mine dewatering?   | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       |   |
| How does Lehating propose to monitor the effect of mine dewatering? Will there be a groundwater monitoring programme?   | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       |   |
| What is the linkage (hydraulic) between the local and upper aquifers?   | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       |   |
| What will the mine do if there is evidence provided of negative impacts due to dewatering on Schedule One (National Water Act) water rights/use?  | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       |   |
| Could you please explain the groundwater monitoring plan/programme?   | Ryno van Schalkwyk (surrounding landowner) comment received by hand on 27 November 2012       |   |
| I would like to raise a concern regarding the ground water resource and the projects' potential impact on the quality of this resource.   | Cules Lamprecht (surrounding landowner), public scoping meeting, 27 November 2012             |   |
| It was mentioned that the water will be sourced from boreholes, so is it expected that any water will be drawn from the existing pipeline?  | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                        |   |
| Is it expected that there will be seepage of water in the shaft?  | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                        |   |

| ISSUE RAISED  | BY WHOM AND WHEN  | RESPONSE GIVEN BY PROJECT TEAM (Responses updated, where required, for the purposes of the Scoping Report)  |
|---|---|---|
| Ground water contamination into the Kuruman River is a concern.   | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                          |   |
| Where will water be sourced from during the operational phase?  | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. |   |
| What will the influence of proposed mine have on under water resources and more specific the supply of water from boreholes?  | Kobus Strauss (Grazing Right holder on Wessels 227), via email received 29 January 2013         | This issue will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report.  |
| <b>Roads, transport and traffic</b>   |   |   |
| Will the R380 be tarred?  | Ryno van Schalkwyk (surrounding landowner), public scoping meeting, 27 November 2012            | All of these road, traffic and transport related issues will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report. |
| People are accessing the accommodation compound on Dibiaghomo, and the increased use has resulted in many potholes that have developed in the gravel road in front of my house. | Ryno van Schalkwyk (surrounding landowner), public scoping meeting, 27 November 2012            |   |
| If possible please supply more detail on the proposed corridor and the usage of the dirt road up to the tar road and possible improvements of the R380?                         | Kobus Strauss (Grazing Right holder on Wessels 227), via email received 29 January 2013         | All of the access road and traffic related issues will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report.       |
| With the current information it seems that the proposed corridor is over the farm house and water supply.   | Kobus Strauss (Grazing Right holder on Wessels 227), via email received 29 January 2013         | This issue will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report.  |
| <b>Heritage</b>   |   |   |
| Are there any sites of heritage importance that have been identified?   | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                          | This issue will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report.  |

| ISSUE RAISED   | BY WHOM AND WHEN  | RESPONSE GIVEN BY PROJECT TEAM (Responses updated, where required, for the purposes of the Scoping Report)  |
|--|---|---|
| <b>Economic and Infrastructure Development, Employment</b>   |   |   |
| How many people will be employed?  | Joel Machego (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | It is anticipated that 350 people will be employed.   |
| Our department is interested in the Social and Labour Plan (SLP) and specifically if there are local procurement opportunities?  | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | Lehating is committed to working with all stakeholders to promote local economic development.   |
| What initial capital investment is required?   | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | Approximately US\$150 million (R1.4 billion) capital is required.   |
| What are the councils' needs in terms of SLP content?  | Nico Hager (Lehating), authorities scoping meeting, 27 November 2012.                           | Billy Moseki: The LOM benefits need to be optimised and beyond the life of mine the community should benefit.   |
| How is the Integrated Development Plan (IDP) driven to allow the SLP to plug in?   | Charles Sambo (Lehating), authorities scoping meeting, 27 November 2012.                        | Billy Moseki: The Municipality selects two Local Economic Development (LED) initiatives into the SLP and the implementation is developed from there. There is a lack of capacity and resources, and in some instances the local mines are required to assist. |
| There is an overall concern with regards to a lack of skills development. There is a John Taolo District Municipality Development Trust and an initiative run by Sishen Iron Ore whereby money is set aside to educate local people and in some instances provide them with tertiary education for degrees such as engineering and accounting. There is also a skills database maintained by the John Taolo District Municipality Development Trust containing the names of potentially employable persons, and a similar database of matriculants held by the Department of Labour. | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | Lehating is committed to working with all stakeholders to promote local skills development.   |
| Accommodation availability and pricing are also a concern for the District Municipality. The property prices in Kuruman are rising steadily.   | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | This issue will be investigated and assessed in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report.  |
| <b>Communication</b>   |   |   |
| I intend on sharing the information with our colleagues in the environmental department at the District Municipality (Johnny   | Billy Moseki (John Taolo District Municipality), authorities scoping                            | This is encouraged.   |

| ISSUE RAISED   | BY WHOM AND WHEN  | RESPONSE GIVEN BY PROJECT TEAM (Responses updated, where required, for the purposes of the Scoping Report)  |
|--|---|---|
| Swart and Hendrik Greef).  | meeting, 27 November 2012.  |   |
| <b>Emergency procedures</b>  |   |   |
| Lehating need to consult with emergency services, and develop a fire fighting and emergency procedure. | Billy Moseki (John Taolo District Municipality), authorities scoping meeting, 27 November 2012. | The emergency procedure will be included in the EMP.  |
| <b>Biodiversity issues</b>   |   |   |
| Has it been determined whether protected species permits are required?                                 | Marvin Matthews (DENC), authorities scoping meeting, 27 November 2012.                          | This will be determined on receipt of the biodiversity assessment report which will be compiled in accordance with the terms of reference in Section 6 of the Scoping Report, and the answers will be provided in the EIA/EMP report. |

## **APPENDIX 2: TERMS OF REFERENCE FOR FURTHER INVESTIGATIONS (SECTION 6.1 OF SCOPING REPORT)**

### **6.1 FURTHER INVESTIGATIONS**

The proposed terms of reference for further investigations required for the completion of the EIA study are discussed below. The results of these studies will be collated into a combined EIA/EMP report. Where relevant, the assessments will be cumulative in nature. A list of potential cumulative impacts is provided in Section 3.9 of scoping report..

#### **6.1.1 GEOLOGY - DISTURBANCE AND STERILISATION OF MINERALS**

It is proposed that no specialist investigations are required. The assessment and detailed management measures will be provided in the EIA/EMP amendment report by SLR.

#### **6.1.2 TOPOGRAPHY- HAZARDOUS EXCAVATIONS AND INFRASTRUCTURE**

It is proposed that no further specialist investigations are required. The assessment and detailed management measures will be provided in the EIA/EMP report by SLR.

#### **6.1.3 SOILS AND LAND CAPABILITY- POLLUTION, EROSION OR COMPACTION**

It is proposed that a specialist investigation be conducted by ARC-Institute for Soil, Climate and Water to:

- classify the different soil types and produce a soils distribution map;
- confirm and quantify the natural land capabilities;
- identify and assess the potential impacts on these soil types and land capabilities; and
- have input together with SLR and Lehating into management and mitigation measures.

#### **6.1.4 LAND USE-IMPACT ON EXISTING SURROUNDING AGRICULTURAL AND RESIDENTIAL USES**

SLR will assess the potential impacts on land use and surrounding land users with the following objectives:

- identifying land uses on and surrounding the project area;
- identifying and assessing the potential impacts on these land uses by considering the cumulative effects of biophysical, social and economic impacts; and
- having input together with Lehating into management and mitigation measures for the EMP.

#### **6.1.5 TRANSPORT SYSTEMS-DISTURBANCE OF ROADS BY PROJECT-RELATED TRAFFIC**

It is proposed that Siyazi conduct a specialist investigation to:

- conduct traffic counts with a view to establishing baseline traffic levels;
- inspect the condition of the R380 and proposed access road;
- assess the impact of the project on the roads and traffic levels; and
- have input together with SLR and Lehating into management and mitigation measures.

#### **6.1.6 BLASTING-DAMAGE FROM BLASTING**

SLR will conduct a blasting specialist investigation to:

- review the proposed blast management programme;
- assess the impact of blasting on surrounding receptors; and
- have input together with SLR and Lehating into management and mitigation measures.

#### **6.1.7 NATURAL VEGETATION AND ANIMAL LIFE (FLORA AND FAUNA)-LOSS OF NATURAL VEGETATION AND ANIMAL LIFE**

It is proposed that Ecological Management Services conducted a detailed ecological investigation to:

- identify and map different habitats in the proposed project area;
- review of distribution lists (including Red Data species) of fauna and flora species to provide reference data against which the findings of the field surveys can be compared;
- survey the areas that are required for surface infrastructure;
- assign species to each habitat through various trapping and sampling methods;
- verify whether any Red Data species or any other sensitive species identified are located within the proposed project area. The locality of any identified sensitive species must be recorded and mapped;
- rank each habitat type based on conservation importance (in terms of provincial biodiversity priorities) and ecological sensitivity;
- identify potential impacts on ecology; and
- have input together with SLR and Lehating into management and mitigation measures.

#### **6.1.8 HYDROLOGY (SURFACE WATER)-ALTERATION OF SURFACE DRAINAGE PATTERNS OR CONTAMINATION OF SURFACE WATER**

SLR will conduct the surface water study. The investigation will include the following tasks:

- determine climatic data (including mean monthly and annual rainfall for the site and number of days per month with measurable precipitation, mean monthly, maximum and minimum temperatures, mean monthly evaporation);
- develop a baseline hydrological description of the site and immediate surrounds;
- determine flood peaks and volumes;
- have input into the identification and assessment of the potential surface water impacts; and
- provide input, together the technical project team, into surface water management measures going forward.

#### **6.1.9 GROUNDWATER-REDUCING GROUNDWATER LEVELS AND AVAILABILITY OR CONTAMINATION OF GROUNDWATER**

SLR will conduct a detailed investigation that will address potential impacts on groundwater resources. The investigation will include the following tasks:

- characterise the baseline geohydrological environment;



- model the dewatering impacts of the proposed underground mine;
- model the potential pollution dispersion associated with the mine and associated infrastructure;
- assess the significance of dewatering and contamination impacts; and
- provide input, together with technical project team into project alternatives and groundwater management measures going forward.

#### **6.1.10 AIR QUALITY-POLLUTION FROM EMISSIONS TO AIR**

It is proposed that Airshed Planning Professionals conduct a qualitative air quality assessment to:

- characterise the existing climatic environment;
- identify potential dust and other emission sources from the project;
- model the impact from these emission sources;
- undertake a first level screening of existing and potential emission sources in terms of potential health impacts through the comparison of predicted concentrations to ambient South African standards; and
- provide input, together with SLR and the technical team into air quality management and mitigation measures going forward.

#### **6.1.11 NOISE-INCREASE IN DISTURBING NOISE LEVELS**

SLR will make use of the findings from previous noise studies done for similar mining operations in the area to:

- qualify existing ambient noise conditions;
- assess the impact of the project on the existing environment; and
- have input together with Lehating into management and mitigation measures.

#### **6.1.12 VISUAL ASPECTS-NEGATIVE VISUAL IMPACTS**

It is proposed that no further specialist investigations are required. The assessment and detailed management measures will be provided in the EIA/EMP report by SLR.

#### **6.1.13 ARCHAEOLOGICAL, CULTURAL, PALEONTOLOGICAL AND HERITAGE RESOURCES**

It is proposed that PGS conduct a specialist investigation to

- identify archaeological, cultural, heritage and paleontological resources within the project area;
- assess the impact of the project on identified resources; and
- have input together with SLR and Lehating into management and mitigation measures.

#### **6.1.14 ECONOMIC AND SUSTAINABILITY ANALYSIS**

Strategy for Good will conduct an economic and sustainability analysis in order to meet the requirements of the DMR EIA and EMP report template in terms of Regulation 50 of the MPRDA. The investigation will include the following tasks:

- quantification of the economic impacts of the project;

- comparative land economic value-add assessment; and
- sustainability analysis.

#### **6.1.15 SOCIAL ISSUES**

SLR will undertake the social impact assessment to:

- understand the baseline social environment, including a baseline review of people residing adjacent to the proposed project;
- identify and assess both positive and negative social impacts; and
- have input together with Lehating into management and mitigation measures for the EMP.

## Victoria Tucker

---

**From:** Seeletso Moremedi <seeletso@ymail.com>  
**Sent:** 21 November 2012 10:39 AM  
**To:** Victoria Tucker  
**Subject:** Re: Mining Contractor

Thanks a lot.

Seeletso Moremedi (Director)

Seeletso Construction (PTY) LTD  
Telephone : 018 381 6525  
Cell Phone No.: 072 574 6785  
Facsimile : 086 660 8903  
e-mail : [seeletso@ymail.com](mailto:seeletso@ymail.com)

---

**From:** Victoria Tucker <[vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)>  
**To:** Seeletso Moremedi <[seeletso@ymail.com](mailto:seeletso@ymail.com)>  
**Sent:** Tuesday, November 20, 2012 8:19 AM  
**Subject:** RE: Mining Contractor

Good day Mr Moremedi

Thank you for the email containing your contact details. I have registered you on our database as an Interested and Affected Party (IAP), and therefore you will receive information regarding the Lehating Mine Environmental Impact Assessment (EIA) process.

As per your request, I will also forward your details to Lehating Mining regarding your contractor services.

Kind regards

**Victoria Tucker**  
**Environmental Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)  
Mobile: +27 83 533 3576  
Tel: +27 11 467 0945  
Fax: +27 11 467 0978

SLR Africa (Block 7)  
Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa



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---

**From:** Seeletso Moremedi [<mailto:seeletso@ymail.com>]

**Sent:** 19 November 2012 03:01 PM

**To:** Victoria Tucker

**Subject:** Mining Contractor

Good day,

As discussed telephonic ally, I am the contractor who called earlier on inquiring about construction works to take place in Hotazel and the surrounding areas. If you don't mind I would also like to keep in contact with you about a mining company that we are looking at registering, especially from an environmental point of view.

Regards,

Seeletso Moremedi (Director)

Seeletso Construction (PTY) LTD

Telephone : 018 381 6525

Cell Phone No.: 072 574 6785

Facsimile : 086 660 8903

e-mail : [seeletso@ymail.com](mailto:seeletso@ymail.com)

## Victoria Tucker

---

**From:** Marlaine Andersen <MarlaineA@L2B.co.za>  
**Sent:** 22 November 2012 01:14 PM  
**To:** Victoria Tucker  
**Subject:** Re: Lehating Manganese Mine

Thanks for that information, Victoria.

Kind regards

Marlaine Andersen  
Senior Regional Content Researcher  
Private Projects  
Leads 2 Business ([www.L2B.co.za](http://www.L2B.co.za))

Tel: 0860 836337  
0860 TENDER  
Fax: 033 3435882

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----- Original Message -----

**From:** [Victoria Tucker](#)  
**To:** [MarlaineA@L2B.co.za](mailto:MarlaineA@L2B.co.za)  
**Sent:** Tuesday, November 20, 2012 4:11 PM  
**Subject:** RE: Lehating Manganese Mine

Good day Marlaine

I have registered you as an Interested and Affected Party (IAP), and added your details to the database.

Attached is a Background Information Document, as well as an invitation to the Public Scoping Meeting next week:

**Date:** Tuesday 27 November 2012  
**Time:** 16:00  
**Venue:** Hotazel Recreation Club

If you have any queries, please do not hesitate to contact me.

Kind regards

**Victoria Tucker**  
**Environmental Consultant**  
SLR Consulting (Africa) (Pty) Ltd



Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

Mobile: +27 83 533 3576

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---

**From:** Marlaine Andersen [mailto:[MarlaineA@L2B.co.za](mailto:MarlaineA@L2B.co.za)]

**Sent:** 20 November 2012 03:57 PM

**To:** Victoria Tucker

**Subject:** Fw: Lehating Manganese Mine

Dear Madam

I am just emailing you with regard to the above proposed mining project that is undergoing an EIA. Please could you email me a copy of the BID for this project and register me as an Interested party?

Many thanks

Kind regards

Marlaine Andersen

Senior Regional Content Researcher

Private Projects

Leads 2 Business ([www.L2B.co.za](http://www.L2B.co.za))

Tel: 0860 836337

0860 TENDER

Fax: 033 3435882

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Received from Ryno Van Schalkwyk - 27/November/2012

- 1) You would like to have insight into the groundwater conceptual model of the proposed mine/aquifer dewatering
- 2) What will be the local and regional effect if the mine/ore body is dewatered
- 3) How would you monitor the effect of mine/ore body dewatering programme
- 4) What is the linkage (hydraulic) between local and upper aquifers
- 5) What will the mine do if evidence of mine dewatering impacts on Schedule One (National Water Act) water rights/use is provided.
- 6) Explain your groundwater monitoring plan/programme

*add to summary*

## Victoria Tucker

---

**From:** Victoria Tucker  
**Sent:** 04 December 2012 07:56 AM  
**To:** 'Justin Pitt'  
**Cc:** Finn Behnken; Brendan Robinson; Nerishini Naidoo; Chris Stevens; Moss Ngoasheng; Nico Hager (nhager@lehating.com); Charles Sambo  
**Subject:** RE: Objection to Lehating Mining Right

Good day Justin

I have received your objection. It will be recorded in the Lehating Scoping Report and included in the Scoping Report Issues Table.

Kind regards

-----Original Message-----

From: Justin Pitt [<mailto:justin@safika.co.za>]  
Sent: 03 December 2012 03:35 PM  
To: Charles Sambo; Victoria Tucker  
Cc: Finn Behnken; Brendan Robinson; Nerishini Naidoo; Chris Stevens; Moss Ngoasheng  
Subject: Objection to Lehating Mining Right

>Dear Charles and Victoria  
Cc Moss, Finn, Brendan, Nerishini, Chris

Please find herewith a copy of Ntsimbintle's and Tshipi e Ntle's objection to Lehating's application for a mining right, which has been submitted to the DMR.

Sincerely

Justin Pitt



## Victoria Tucker

---

**From:** Jeff Leader <jeff@tshipi.co.za>  
**Sent:** 10 December 2012 02:07 PM  
**To:** Victoria Tucker  
**Subject:** RE: SLR Consulting - Contact details for Mr Strauss

Hi Victoria

You used the correct cell number for me but I did not have Willem Strauss's number. I have since received the following cell number +27834858409 from his neighbour.

Regards  
Jeff

**Jeff Leader**



**Tshipi e Ntle**  
Manganese Mining

Mobile: +27 (0)82 499 8001 | Tel: +27 53 723 1024 | Fax: +27 8653 70233

Tshipi Borwa main gate: **S 27 deg 24.360'; E 22 deg 58.620'**

Email: [jeff@tshipi.co.za](mailto:jeff@tshipi.co.za) <mailto:jeff@tshipi.co.za>

skype: [jeff.leader1](https://www.skype.com/user/jeff.leader1)

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**From:** Victoria Tucker [<mailto:vtucker@slrconsulting.com>]  
**Sent:** 10 December 2012 10:07  
**To:** [jeff@tshipi.co.za](mailto:jeff@tshipi.co.za)  
**Subject:** SLR Consulting - Contact details for Mr Strauss

Hi Jeff

I hope you have been well since we last chatted at the Lehating Scoping Meeting at the Hotazel Recreation Club.

I would like to ask if you have the contact details for Mr Strauss (the land user on Wessels 227, Portion 2)? I have tried to access the contact number from Ryno van Schalkwyk, but have not been able to reach him on his cell phone for the past two weeks.

Could you also please confirm your cell phone number as I may have left messages at the incorrect number.

Kind regards

**Victoria Tucker**  
**Environmental Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

Mobile: +27 83 533 3576

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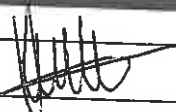
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|----------------|-------------------------|
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| CUSTOMER NAME  | Victoria                |
| CONTACT NUMBER | 011 467 0945            |

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CUSTOMER COPY 301028R

Customer signature: 

Staff name: Marynah.

## Victoria Tucker

---

**From:** Victoria Tucker  
**Sent:** 29 January 2013 10:44 AM  
**To:** Kobus Strauss  
**Subject:** RE: Lehating Mining - IAP Notification - Mr Strauss

Hi Kobus

Thank you for your response. I have noted your comments and questions in our Comment and Response Report and they will be included in the Scoping Report for when it is submitted to the DMR for their review.

With regards to the access road, I am awaiting the final proposed layout and route as the position was unconfirmed and only an indication when we created the Background Information Document.

Your concern is noted, and will be included the consultation process when determining the final proposed layout.

More refined project layouts and descriptions will be included in the Scoping Report, and these will be assessed in the Environmental Impact Assessment Report.

Kind regards

---

**From:** Kobus Strauss [<mailto:Kobus.Strauss@senwes.co.za>]  
**Sent:** 29 January 2013 10:08 AM  
**To:** Victoria Tucker  
**Subject:** RE: Lehating Mining - IAP Notification - Mr Strauss

Hello Victoria

If possible please supply more detail on the proposed corridor and the usage of the dirt road up to the tar road and possible improvements.

With the current information it seems that the proposed corridor is over the farm house and water supply.

What will the influence of proposed mine have on under water resources and more specific the supply of water (borehole)

Kind regards

## Kobus Strauss

Bemarkingspesialis / Marketing Specialist

Tel: (018) 464 7109

Faks: (018) 464 1282

Sel: 083 449 0940

---

**From:** Victoria Tucker [<mailto:vtucker@slrconsulting.com>]  
**Sent:** 29 January 2013 09:48 AM  
**To:** Kobus Strauss  
**Subject:** RE: Lehating Mining - IAP Notification - Mr Strauss



Thank you Kobus.

Please feel free to contact me if you or your father have any queries or comments.

Kind regards

---

**From:** Kobus Strauss [<mailto:Kobus.Strauss@senwes.co.za>]  
**Sent:** 29 January 2013 09:45 AM  
**To:** Victoria Tucker  
**Subject:** RE: Lehating Mining - IAP Notification - Mr Strauss

Hello Victoria

Thanks

## **Kobus Strauss**

Bemarkingspesialis / Marketing Specialist

Tel: (018) 464 7109

Faks: (018) 464 1282

Sel: 083 449 0940

---

**From:** Victoria Tucker [<mailto:vtucker@slrconsulting.com>]  
**Sent:** 29 January 2013 09:39 AM  
**To:** Kobus Strauss  
**Subject:** Lehating Mining - IAP Notification - Mr Strauss

Dear Mr Strauss

### **NOTIFICATION OF THE INTENTION OF LEHATING MINING (PTY) (LTD) TO SUBMIT AN EIA APPLICATION FOR THE PROPOSED LEHATING MINE**

#### **1. INTRODUCTION**

Lehating Mining (Pty) Ltd (Lehating) proposes to develop a new underground manganese mining operation near Hotazel in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, in the Northern Cape Province. The proposed mining operations will be located on Portion 1 of the farm Lehating 741 and access to the project area will be through Portion 2 of the farm Wessels 227. The proposed activities identified at this stage include the proposed underground mining operation, the establishment of related surface infrastructure and access roads. Additional project related details are provided in the attached Background Information Document (BID).

In this regard, the following NEMA listed activities could be triggered:

- **Regulation 544 (Listing Notice 1):**
  - **1** (construction of facilities for the generation of electricity);
  - **10** (construction of facilities for the transmission and distribution of electricity);
  - **11** (construction of bridges);
  - **12** (construction of facilities for off-stream storage of water);
  - **13** (construction of facilities for the storage, and/or handling of a dangerous good);
  - **18** (infilling or depositing of any material into a watercourse);

- **22** (construction of a road); and
- **26** (any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004).
- **Regulation 545 (Listing Notice 2):**
  - **5** (construction of facilities for any process or activity which requires a permit or license in terms of the National Environmental Management: Waste Act, 2008);
  - **15** (physical alteration of undeveloped vacant or derelict land); and
  - **19** (construction of a dam)
- **Regulation 546 (Listing Notice 3):**
  - **2** (construction of reservoirs for bulk water);
  - **3** (construction of masts or towers);
  - **4** (construction of a road);
  - **9** (construction of above ground cableways);
  - **10** (construction of facilities for the storage, and/or handling of a dangerous good);
  - **14** (vegetation clearance of an area of 5 hectares or more); and
  - **16** (construction of infrastructure within a watercourse).

NEM:WA listed activities that could also be triggered include:

- **Category A:**
  - **1** (The temporary storage of general waste); and
  - **2** (The temporary storage of hazardous waste)
- **Category B:**
  - **7** (The treatment of effluent, waste water or sewage); and
  - **11** (The construction of facilities for activities listed in Category B).

The project will incorporate various water uses that will be associated with the proposed mine development. These potential activities will be refined further during the EIA process and included in the Water Use License Application accordingly.

## **2. ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

Prior to the commencement of the proposed project, environmental authorisation is required. The following Acts: are applicable:

- Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA).
- National Environmental Management Act, 107 of 1998 (NEMA).
- National Water Act, 36 of 1998.

The proposed project may also require a waste licence under the National Environmental Management: Waste Act, 59 of 2008 (NEMWA).

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed to manage the environmental impact assessment process.

As part of the EIA process, a public involvement process is being undertaken.

In accordance with Regulation 15 of the EIA Regulations, 2010 (Government Notice No. R.543 of 18 June 2010), Lehating is required to provide notification to the registered landowner on whose property the proposed activity is to be undertaken, adjacent landowners, land users and Interested and Affected Parties (IAPs). This letter therefore serves as a written notice to you, the registered IAP, indicating the intention of Lehating to undertake the proposed project on the above-mentioned portions of land.

If you wish to be involved in the EIA process via correspondence, please submit your name, contact information and interest in the matter in writing to the contact person(s) given above within 21 days of publication of this advertisement to ensure that you are identified as an interested and/or affected party (IAP).

If you have any initial comments, we request that you submit them to SLR in writing or at the meeting.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned.

Kind regards

UNSIGNED ELECTRONIC COPY

**Victoria Tucker**

Project manager

E-mail: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

**Brandon Stobart (EAPSA)**

Reviewer

For SLR Consulting (Africa) (Pty) Ltd

**Victoria Tucker**

**Environmental Consultant**

SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

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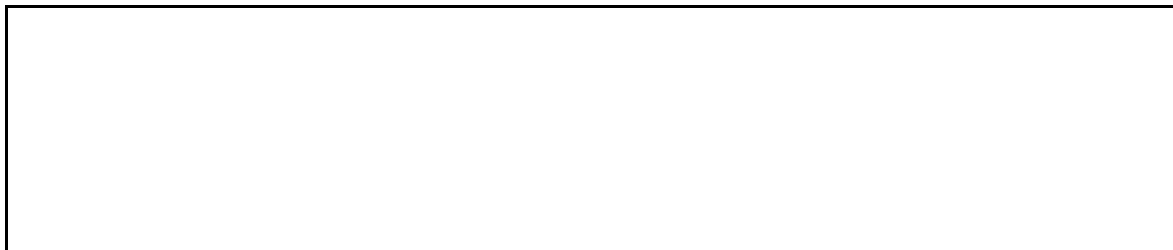
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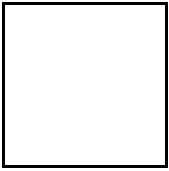
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## Victoria Tucker

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**From:** Jan Theart <voorsitter@agrikur.co.za>  
**Sent:** 23 July 2013 02:34 PM  
**To:** Victoria Tucker  
**Cc:** hoonde@gmail.com; sekretaris@agrikur.co.za; juriekr@gmail.com  
**Subject:** RE: Lehating Mining - Scoping report available for public review - Additional IAPs  
**Attachments:** 2013 ledelys.xlsx

Victoria

Thanks for sending the email. See the contact details of the surrounding farmers. Can you please include them in the process going forward.

Our biggest concern is groundwater and the roads. We want good monitoring to be done and will make from our side boreholes available for this purpose so that good baseline data will be available. Aquilla mine on the farm Gravenhage will use the same road. Take that in consideration as well for upgrading that road to a tare road.

Agri Kuruman, Dept Water and all the manganese mines in this area is part of the Kgalagadi Waterforum. It will be good if Lehating Mining can be part of this as well.

Pleas inform us of any meetings in the future.

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**From:** Victoria Tucker [mailto:vtucker@slrconsulting.com]  
**Sent:** 23 July 2013 09:52 AM  
**To:** gildor@jenny.co.za; thotalodge@gmail.com; voorsitter@agrikur.co.za  
**Subject:** FW: Lehating Mining - Scoping report available for public review - Additional IAPs

Good day Mr Theart and Mr and Mrs Moller

I received your contact details from Mr Rudi de Jager, who was on site conducting the Hydrocensus Study as part of the Lehating Mining Environmental Impact Assessment process.

As per your request, please see the email below as well as the attachments. I have added your details to the IAP database and you will be included in all relevant Public Participation Processes (PPP) going forward.

I have also attached all of the PPP documents for your review. These include the Background Information Document, Public Scoping Meeting Minutes and the Scoping Summary.

If you have any questions, please feel free to contact me directly on either my landline, cell phone or via email.

Kind regards

Victoria Tucker

**Victoria Tucker**  
**Environmental and Sustainability Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

Mobile: +27 83 533 3576

Tel: +27 11 467 0945

Fax: +27 11 467 0978

SLR Africa (Block 7)  
Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa



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---

**From:** Victoria Tucker

**Sent:** 12 April 2013 09:37 AM

**To:** 'andrea.vangensen@eskom.co.za'; 'Aukett@xsinet.co.za'; 'babram@brmo.co.za'; 'bersheba@absamail.co.za'; 'bonolol@brmo.org.za'; 'brendan@tshipi.co.za'; 'dbruiner@eskom.co.za'; 'dibaslaghuis@gmail.com'; 'dineo.peta@bhpbilliton.com'; 'Elsa.wloschowsky@bhpbilliton.com'; 'hotazellibrary47@gmail.com'; 'jaco-lien.parker@bhpbilliton.com'; 'Jaison.Rajan@bhpbilliton.com'; 'jeff@tshipi.co.za'; 'johan\_opperman@absamail.co.za'; 'justin.pitt@questco.co.za'; 'justin@safika.co.za'; 'Kobus.Strauss@senwes.co.za'; 'maphelaphomolo@gmail.com'; 'marinas@brmo.co.za'; 'Marius.vandermerwe@bhpbilliton.com'; 'marizanne@lantic.net'; 'MarlaineA@L2B.co.za'; 'mecca.guesthouse@gmail.com'; 'pieter.vandermerwe@bhpbilliton.com'; 'rcurtis@umk.co.za'; 'Rudzani.mudau@bhpbilliton.com'; 'scwalt@gmail.com'; 'sechabal@brmo.co.za'; 'seeletso@ymail.com'; 'simone.fourie@bhpbilliton.com'; 'thabo.manne@bhpbilliton.com'; 'tiriwanem@brmo.co.za'; 'ttagane@afribits.co.za';

'wwalt@lantic.net'

**Subject:** Lehating Mining - Scoping report available for public review - SLR Consulting

**LEHATING MINING (PTY) LTD**

**ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED  
MANGANESE MINE NEAR HOTAZEL**

**SCOPING REPORT AND SUMMARY AVAILABLE FOR PUBLIC REVIEW**

DMR Reference Number: NC30/5/1/2/2/10028 MR

DENC Reference Number: NC/EIA/JTG/JOEL/LEH2/2012

Dear Interested and/or Affected Party (IAP),

As you are aware, SLR Consulting (Africa) (SLR Africa) has been appointed by Lehating Mining (Pty) Ltd to manage the environmental assessment process for the proposed development of a new manganese mining operation near Hotazel and Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province.

As part of the environmental assessment process, a scoping report has been produced by SLR Africa. The scoping report has been made available for public review. Please find attached a copy of the summary of the scoping report which includes the details of the review period as well as places where hard copies of the report are available for review. Electronic copies of the scoping report will be made available to IAPs on request (electronically by e-mail or on disk). IAPs will be given until **Friday 17 May 2013** to review the scoping report and submit comments in writing by means of either fax or email. Comments should be submitted in writing to SLR via fax (+27 11 467 0978) and/or e-mail [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com). Should you wish to receive a copy of the summary in Afrikaans please contact SLR Africa.

If you have any questions about the proposed project or the EIA process, please do not hesitate to contact the undersigned.

Kind regards

**Victoria Tucker**  
**Environmental and Sustainability Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

Mobile: +27 83 533 3576

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Fax: +27 11 467 0978



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Fourways, Johannesburg, 2060  
South Africa

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and is believed to be clean.

## Victoria Tucker

---

**From:** Johann van Breda <jvanbreda@aquilaresources.co.za>  
**Sent:** 31 July 2013 07:25 AM  
**To:** Victoria Tucker  
**Cc:** Mashadi Monaledi  
**Subject:** RE: Lehating Mine Feedback - Aquila  
**Attachments:** Mashadi Monaledi.vcf  
  
**Importance:** High

Hi Victoria,

I would like to deal with it as part of the PPP, but should there be anything that remains unresolved I would like to have a round-table discussion on the matter.

At the moment, what is of interest to both parties is the R380 road, and perhaps we can get together regarding the road. Will you find out from Lehating whether a meeting can be arranged for the week of the 12-16 August?

Also, please see below Mashadi's details.



Kind Regards,

**Johann van Breda**  
Project Manager – Avontuur Project



### **Aquila Steel (S Africa) (Proprietary) Limited**

Block C, Ground Floor, 28 Sloane Street, Bryanston, Gauteng, South Africa, 2191

Telephone: (27) 11 463 1340

Mobile: (27) 82 854 1426

Facsimile: (27) 11 514 0441

E: [jvanbreda@aquilaresources.co.za](mailto:jvanbreda@aquilaresources.co.za)

Web: [www.aquilaresources.com.au](http://www.aquilaresources.com.au)

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---

**From:** Victoria Tucker [mailto:vtucker@slrconsulting.com]  
**Sent:** 30 July 2013 05:24 PM  
**To:** Johann van Breda  
**Subject:** RE: Lehating Mine Feedback - Aquila

Hi Johann

Thank you for your email.

In order to include Mashadi's in our Interested and Affected Database, could you please send me her contact information (email, telephone, cellphone, fax, postal address)?

Regarding the issues you have raised, would you like us to deal with them in the standard public participation consultation manner as part of the EIA process, or would you like to have an round-table discussion with the decision makers at Lehating?

Kind regards

**Victoria Tucker**  
**Environmental and Sustainability Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

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South Africa



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**From:** Johann van Breda [<mailto:jvanbreda@aquilaresources.co.za>]

**Sent:** 24 July 2013 10:21 AM

**To:** Zama Khumalo

**Cc:** Mashadi Monaedi; Mike Halliday

**Subject:** RE: Lehating Mine Feedback

Hi Zama,

Please ask Victoria to register Aquila as an I&AP with Mashadi as the contact person. Also, I would like to have more information than what have been provided as it directly impacts our project just north of the Lehating border on the farm Eerstebegin and will have an impact on our Gravenhage Project further north.

I propose that they provide us with details on:

1. Water abstraction rates;
2. Road Transport – vehicle types and counts;
3. Intended access road connection position and line of site and type of connection to the R380;
4. Method of transporting the product ore to market and from where;
5. Proposed dust control measures;
6. Where they will house their employees.

If I think of anything further, I will let you know.

Kind Regards,

**Johann van Breda**

Project Manager – Avontuur Project



**Aquila Steel (S Africa) (Proprietary) Limited**

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E: [jvanbreda@aquilaresources.co.za](mailto:jvanbreda@aquilaresources.co.za)

Web: [www.aquilaresources.com.au](http://www.aquilaresources.com.au)

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**From:** Zama Khumalo [<mailto:zkhumalo@slrconsulting.com>]  
**Sent:** 04 July 2013 09:47 AM  
**To:** Johann van Breda  
**Cc:** Mashadi Monaedi  
**Subject:** Lehating Mine Feedback

Dear Johann,

I spoke to Victoria Tucker who is currently doing the EIA for Lehating Mine. Lehating has submitted their mining right (Ref: NC30/5/1/2/2/10028 MR ). They are currently in the process of drafting the EIA. The scoping report has been circulated, please see attached summary of the report. and have completed the Scoping process. I have requested Victoria to register Aquila as an IAP. Should I include you or Mashadi as the contact person.

I have also asked Victoria to discuss the possibility of sharing costs for the groundwater monitoring programme going forward.

**Zama Khumalo**  
**Environmental Assessment Practitioner**  
Synergistics - part of the SLR group

Email: [zkhumalo@slrconsulting.com](mailto:zkhumalo@slrconsulting.com)  
Mobile: +27 74 584 3839  
Tel: +27 11 326 4158  
Fax: +27 11 326 4118

Synergistics (SLR Consulting Africa)  
Block B, Hurlingham Office Park  
59 Woodlands Avenue  
Hurlingham Manor, Johannesburg,  
South Africa



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---

**From:** Victoria Tucker

**Sent:** 12 April 2013 09:37 AM

**To:** 'andrea.vangensen@eskom.co.za'; 'Aukett@xsinet.co.za'; 'babram@brmo.co.za'; 'bersheba@absamail.co.za'; 'bonolol@brmo.org.za'; 'brendan@tshipi.co.za'; 'dbruiner@eskom.co.za'; 'dibaslaghuis@gmail.com'; 'dineo.peta@bhpbilliton.com'; 'Elsa.wloschowsky@bhpbilliton.com'; 'hotazellibrary47@gmail.com'; 'jaco-lien.parker@bhpbilliton.com'; 'Jaison.Rajan@bhpbilliton.com'; 'jeff@tshipi.co.za'; 'johan\_opperman@absamail.co.za'; 'justin.pitt@questco.co.za'; 'justin@safika.co.za'; 'Kobus.Strauss@senwes.co.za'; 'maphelaphomolo@gmail.com'; 'marinas@brmo.co.za'; 'Marius.vandermerwe@bhpbilliton.com'; 'marizanne@lantic.net'; 'MarlaineA@L2B.co.za'; 'mecca.guesthouse@gmail.com'; 'pieter.vandermerwe@bhpbilliton.com'; 'rcurtis@umk.co.za'; 'Rudzani.mudau@bhpbilliton.com'; 'scwalt@gmail.com'; 'sechabal@brmo.co.za'; 'seeletso@ymail.com'; 'simone.fourie@bhpbilliton.com'; 'thabo.manne@bhpbilliton.com'; 'tiriwanem@brmo.co.za'; 'ttagane@afribits.co.za'; 'wwalt@lantic.net'

**Subject:** Lehating Mining - Scoping report available for public review - SLR Consulting

## **LEHATING MINING (PTY) LTD**

### **ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED MANGANESE MINE NEAR HOTAZEL**

#### **SCOPING REPORT AND SUMMARY AVAILABLE FOR PUBLIC REVIEW**

DMR Reference Number: NC30/5/1/2/2/10028 MR

DENC Reference Number: NC/EIA/JTG/JOEL/LEH2/2012

Dear Interested and/or Affected Party (IAP),

As you are aware, SLR Consulting (Africa) (SLR Africa) has been appointed by Lehating Mining (Pty) Ltd to manage the environmental assessment process for the proposed development of a new manganese mining operation near Hotazel and Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province.

As part of the environmental assessment process, a scoping report has been produced by SLR Africa. The scoping report has been made available for public review. Please find attached a copy of the summary of the scoping report which includes the details of the review period as well as places where hard copies of the report are available for review. Electronic copies of the scoping report will be made available to IAPs on request (electronically by e-mail or on disk). IAPs will be given until **Friday 17 May 2013** to review the scoping report and submit comments in writing by means of either fax or email. Comments should be submitted in writing to SLR via fax (+27 11 467 0978) and/or e-

mail [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com). Should you wish to receive a copy of the summary in Afrikaans please contact SLR Africa.

If you have any questions about the proposed project or the EIA process, please do not hesitate to contact the undersigned.

Kind regards

**Victoria Tucker**  
**Environmental and Sustainability Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

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Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
Fourways, Johannesburg, 2060  
South Africa

## Victoria Tucker

---

**From:** Suan Mulder  
**Sent:** 09 October 2012 05:44 PM  
**To:** Victoria Tucker  
**Subject:** FW: TELEFOON NOMMERS VAN BOERE IN LEHATING GEBIED

**From:** Eleanor Lamprecht [<mailto:mecca.guesthouse@gmail.com>]  
**Sent:** 09 October 2012 04:12 PM  
**To:** Suan Mulder  
**Subject:** TELEFOON NOMMERS VAN BOERE IN LEHATING GEBIED

Goeiemiddag

Hier is die nommers van die boere soos telefonies bespreek:

1. GAMODISA - JAN VAN STRATEN - 0823784243
2. ELIZABETHVILLE - CASPER DU PLESSIS - 0828276787
3. SIROCCO - THINUS VENTER - -0824579395
4. KARLSRU - HANNES DE KLERK - -0834514020
5. GAMODISA/BOWDEN - KOBUS GROBLER - 0832642098
6. GRAFTON-SALTRIM RANCHES / HENDRIK VENTER - 0825077716
7. GRAFTON - CAREL REYNECKE - 0828983060

Groete  
Cules Lamprecht  
0796655444

**Suan Mulder**  
SLR Consulting (Africa) (Pty) Ltd

Email: [smulder@slrconsulting.com](mailto:smulder@slrconsulting.com)  
Mobile: +27 83 779 1730  
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Fourways, Johannesburg, 2060  
South Africa

## Victoria Tucker

---

**From:** Victoria Tucker  
**Sent:** 06 November 2012 08:49 AM  
**To:** Ewert Bohnen  
**Subject:** RE: lehating mine

Thank you Ewert – I will see you at the meeting on the 27<sup>th</sup>.

Kind regards

---

**From:** Ewert Bohnen [<mailto:htebohnenn@yahoo.com>]  
**Sent:** 06 November 2012 08:48 AM  
**To:** Victoria Tucker  
**Subject:** Re: lehating mine

Hi,

Thanks for your quick reply. I would very much like to attend on the 27th and discuss the healthcare issues. I know the venue well thank you. Directions not required. Looking forward to see you at the meeting then.

Regards,

Ewert

**From:** Victoria Tucker <[vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)>  
**To:** Ewert Bohnen <[htebohnenn@yahoo.com](mailto:htebohnenn@yahoo.com)>  
**Sent:** Tuesday, November 6, 2012 8:40 AM  
**Subject:** RE: lehating mine  
Good morning Dr Bohnen

Thank you for the response to the advert. I will list register you on our IAP (interested and affected party) database.

I will be in the Northern Cape again on the 27<sup>th</sup> of November, for the project scoping meeting. Would you be able to attend the meeting, and we will be able to discuss and note your comments and queries with regard to the healthcare service requirements?

Date: Tuesday 27 November 2012  
Time: 16:00  
Venue: Hotazel Recreation Club

Please do not hesitate to contact me should you require directions or further details of the meeting.

Kind regards

**Victoria Tucker**  
**Environmental Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)  
Mobile: +27 83 533 3576

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**From:** Ewert Bohnen [[mailto:hatebohn@hatebohn.com](mailto:htebohn@hatebohn.com)]

**Sent:** 06 November 2012 08:35 AM

**To:** Victoria Tucker

**Subject:** lehating mine

Good morning,

I saw your notice in the Kathu Gazette of 3 November regarding Lehating mine. I am an Occupational Medical Practitioner (OMP), providing medical services to a number of mines in the region. I would be interested to discuss the healthcare service requirements you may have for Lehating mine.

Regards,

Dr. Ewert Bohnen



## Victoria Tucker

---

**From:** Victoria Tucker  
**Sent:** 06 November 2012 03:00 PM  
**To:** jeff@tshipi.co.za  
**Subject:** SLR Consulting - Lehating Mining - Landowner notification and invitation to scoping meeting  
**Attachments:** 2012-10-26 Landowner notification Wessels227.pdf; 2012-10-08 BID Final (emailing).pdf

6 November 2012

Ntsimbintle Mining Pty Ltd  
PO Box 2908  
Kathu  
8446

**ATTENTION: JEFF LEADER**

Dear Jeff

### **NOTIFICATION OF THE INTENTION OF LEHATING MINING (PTY) (LTD) TO SUBMIT AN EIA APPLICATION FOR THE PROPOSED LEHATING MINE**

#### **1. INTRODUCTION**

Lehating Mining (Pty) Ltd (Lehating) proposes to develop a new underground manganese mining operation near Hotazel in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, in the Northern Cape Province. The proposed mining operations will be located on Portion 1 of the farm Lehating 741 and access to the project area will be through Portion 2 of the farm Wessels 227. The proposed activities identified at this stage include the proposed underground mining operation, the establishment of related surface infrastructure and access roads. Additional project related details are provided in the attached Background Information Document (BID).

In this regard, the following NEMA listed activities could be triggered:

- **Regulation 544 (Listing Notice 1):**
  - **1** (construction of facilities for the generation of electricity);
  - **10** (construction of facilities for the transmission and distribution of electricity);
  - **11** (construction of bridges);
  - **12** (construction of facilities for off-stream storage of water);
  - **13** (construction of facilities for the storage, and/or handling of a dangerous good);
  - **18** (infilling or depositing of any material into a watercourse);
  - **22** (construction of a road); and
  - **26** (any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004).
- **Regulation 545 (Listing Notice 2):**

- **5** (construction of facilities for any process or activity which requires a permit or license in terms of the National Environmental Management: Waste Act, 2008);
- **15** (physical alteration of undeveloped vacant or derelict land); and
- **19** (construction of a dam)
- **Regulation 546 (Listing Notice 3):**
  - **2** (construction of reservoirs for bulk water);
  - **3** (construction of masts or towers);
  - **4** (construction of a road);
  - **9** (construction of above ground cableways);
  - **10** (construction of facilities for the storage, and/or handling of a dangerous good);
  - **14** (vegetation clearance of an area of 5 hectares or more); and
  - **16** (construction of infrastructure within a watercourse).

NEM:WA listed activities that could also be triggered include:

- **Category A:**
  - **1** (The temporary storage of general waste); and
  - **2** (The temporary storage of hazardous waste)
- **Category B:**
  - **7** (The treatment of effluent, waste water or sewage); and
  - **11** (The construction of facilities for activities listed in Category B).

The project will incorporate various water uses that will be associated with the proposed mine development. These potential activities will be refined further during the EIA process and included in the Water Use License Application accordingly.

## **2. ENVIRONMENTAL IMPACT ASSESSMENT PROCESS**

Prior to the commencement of the proposed project, environmental authorisation is required. The following Acts: are applicable:

- Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA).
- National Environmental Management Act, 107 of 1998 (NEMA).
- National Water Act, 36 of 1998.

The proposed project may also require a waste licence under the National Environmental Management: Waste Act, 59 of 2008 (NEMWA).

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed to manage the environmental impact assessment process.

As part of the EIA process, a public involvement process is being undertaken.

In accordance with Regulation 15 of the EIA Regulations, 2010 (Government Notice No. R.543 of 18 June 2010), Lehating is required to provide notification to the registered landowner on whose property the proposed activity is to be undertaken, adjacent landowners, land users, Interested and Affected Parties (IAPs), ward councillors, local and district municipality officials and regulatory authorities. This letter therefore serves as a written notice to you, the

registered landowner and user, indicating the intention of Lehating to undertake the proposed project on the above-mentioned portions of land.

You are invited to attend the public scoping meeting which has been arranged for the project, as outlined below. The purpose of the meeting is to provide information on the proposed project and environmental assessment process.

**Date: Tuesday 27 November 2012**

**Time: 16:00**

**Venue: Hotazel Recreation Club**

Please contact the people listed above should you need directions to the meeting.

If you are unable to attend the meeting, and wish to be involved in the EIA process via correspondence, please submit your name, contact information and interest in the matter in writing to the contact person(s) given above within 21 days of publication of this advertisement.

If you have any initial comments, we request that you submit them to SLR in writing or at the meeting.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned.

Kind regards

UNSIGNED ELECTRONIC COPY

**Victoria Tucker**

Project manager

E-mail: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

**Brandon Stobart (EAPSA)**

Reviewer

For SLR Consulting (Africa) (Pty) Ltd

**Victoria Tucker**

**Environmental Consultant**

SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

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South Africa

**SLR**



global environmental solutions

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## Victoria Tucker

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**From:** Victoria Tucker  
**Sent:** 06 November 2012 04:31 PM  
**To:** Tumisang Tagane  
**Subject:** RE: BID for Lehating Mining  
**Attachments:** 2012-10-08 BID Final (emailing).pdf

Hi Tumisang

Attached is a BID for your records.

Please don't hesitate to contact me if you have any further queries.

Kind regards

**Victoria Tucker**  
**Environmental Consultant**  
SLR Consulting (Africa) (Pty) Ltd

Email: [vtucker@slrconsulting.com](mailto:vtucker@slrconsulting.com)

Mobile: +27 83 533 3576

Tel: +27 11 467 0945

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**From:** Tumisang Tagane [<mailto:ttagane@afribits.co.za>]

**Sent:** 06 November 2012 04:27 PM

**To:** Victoria Tucker

**Subject:** BID for Lehating Mining

Good day

Please send me a copy of BID(background information document) for lehating mining.

Regards

Tumisang Tagane

Tel: +27 79 874 0504

Fax: +27 86 616 5343

Web: <http://www.afribits.co.za>

# AFRIBITS