



Project Reference: 710.14003.00006

12 March 2014

DMR Reference Numbers: NC 30/6/1/2/2/268 MR (existing Mining Right); and NC 30/5/1/2/2/10053 MR (new Mining Right)

DENC Reference Number: NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013

## **LANDOWNERS WITHIN AND ADJACENT TO THE KUDUMANE PROJECT AREA**

### **ATTENTION: LANDOWNER**

#### **KUDUMANE MANGANESE RESOURCES (PTY) LTD (KUDUMANE)**

#### **NOTICE OF INTENT TO LANDOWNERS FOR THE ENVIRONMENTAL WORK ASSOCIATED WITH THE ADDITIONAL PLANNED INFRASTRUCTURE WITHIN EXISTING MINING RIGHTS AREAS AND THE ACQUISITION OF ADDITIONAL MINING RIGHTS AREAS AT KUDUMANE MANGANESE MINE**

Dear landowner

Kudumane Manganese Resources (Pty) Ltd (Kudumane), a South African mining company holds a mining right on the farms York A 279 and Telele 312 located approximately 3 km south west of the town of Hotazel in the John Taolo Gaetsewe District Municipality in the Northern Cape.

The Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) submitted as part of the approved mining right application covers the opencast mining and infrastructure on the farm York A 279 and underground mining on the farm Telele 312 under the DMR authorisation (NC 30/6/1/2/2/268 MR). In broad terms the approved EIA/EMP included the establishment of an opencast and future underground mining operation, associated residue handling and disposal facilities, a crushing and screening plant, water management facilities, rail and road transport infrastructure and various support infrastructure and services.

Kudumane now wishes to expand its mining operations and applied for a new mining right to include the farms Kipling 217, Devon 277 and Hotazel 280. In addition to adding new mining rights areas to its existing mining rights areas, Kudumane intends to establish additional infrastructure to what has already been approved.

SLR Consulting (Africa) (Proprietary) Limited

[www.slrconsulting.com](http://www.slrconsulting.com)

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2055

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Durban Office: Physical address: 130 Pharos House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 643, Westville, 3630 / T: +27 31 266 3083 / F: +27 86 600 5186



Directors: (Executive): A James, B Stobart, S Dorman, S van Niekerk, (Non-Executive): A Sheppard, K Pietersen,



Kudumane submitted a new mining right application for the inclusion of additional mining areas on the farms Kipling 271, Devon 277 and Hotazel 280 in November 2013. In line with the requirements of the MPRDA, an environmental impact assessment has to be undertaken and an EMP submitted in support of this new mining right application. In this regard, Kudumane will undertake an environmental impact assessment to amend its approved EMP to incorporate these additional mining areas. At the same time the EMP will be amended to incorporate the additional infrastructure associated with the existing mining rights areas.

This letter serves to inform you that the Department of Mineral Resources (DMR) has accepted Kudumane's Mining Right application and in this regard, Kudumane is required to amend its approved EIA/EMP to incorporate these additions.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by Kudumane to manage the environmental process. Prior to the commencement of the proposed project an environmental assessment process including a scoping phase (already in progress) and an EIA and EMP phase must be conducted in terms of both the MPRDA 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 approval in terms of the National Water Act (NWA), 36 of 1998, and the National Environmental Management: Air Quality Act (NEM:AQA), 39 of 2004. In this regard, authorisation will be required from the DMR and the Department of Environment and Nature Conservation (DENC).

SLR and Kudumane would like to consult with the relevant landowners at the start of the environmental assessment process. Should you have any queries, please do not hesitate to contact the undersigned.

Kind regards

Caitlin Hird

Suan Mulder

*For SLR Consulting (Africa) (Pty) Ltd*

## Caitlin Hird

---

**From:** Caitlin Hird  
**Sent:** 14 March 2014 10:50 AM  
**To:** dannym@brmo.co.za; Dineo.Peta@bhpbilliton.com; henneyrc@telkom.co.za; Hotazel@klk.co.za; livhuwani.ndou@transnet.net; Fouriedawie3@gmail.com; gert.theart@vodamail.co.za; jpleader@intekom.co.za; ebenanthonissen@hotmail.com; Niekie.pretorius@bhpbilliton.com; hotazelmotors@telkomsa.net  
**Subject:** Notice of intent to landowners  
**Attachments:** 2014-03-12-L-Notice of Intent to landowners.pdf

### **KUDUMANE MANGANESE RESOURCES (PTY) LTD (KUDUMANE)**

#### **NOTICE OF INTENT TO LANDOWNERS FOR THE ENVIRONMENTAL WORK ASSOCIATED WITH THE ADDITIONAL PLANNED INFRASTRUCTURE WITHIN EXISTING MINING RIGHTS AREAS AND THE ACQUISITION OF ADDITIONAL MINING RIGHTS AREAS AT KUDUMANE MANGANESE MINE**

Dear landowner

Kudumane Manganese Resources (Pty) Ltd (Kudumane), a South African mining company holds a mining right on the farms York A 279 and Telele 312 located approximately 3 km south west of the town of Hotazel in the John Taolo Gaetsewe District Municipality in the Northern Cape.

Kudumane now wishes to expand its mining operations and has applied for a new mining right to include the farms Kipling 217, Devon 277 and Hotazel 280. In addition to adding new mining rights areas to its existing mining rights areas, Kudumane intends to establish additional infrastructure to what has already been approved.

This letter serves to inform you that Kudumane's Mining Right application to include the farms Kipling 217, Devon 277 and Hotazel 280 and to establish additional infrastructure to what has already been approved, has been accepted by the Department of Mineral Resources (DMR).

In this regard kindly see attached letter of intent.

Should you wish to obtain any further details please do not hesitate to contact me.

Kind Regards,

**Caitlin Hird**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

Email: [chird@slrconsulting.com](mailto:chird@slrconsulting.com)  
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SLR Africa (Block 7)  
Fourways Manor Office Park

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



17/03/2014

710.14003.00006: PROOF OF POSTAGE OF LANDOWNER NOTIFICATION LETTER 17/03/2014

B5 x 2 Normal Post

Jacobus Petrus Jansen

PO Box 33

Kuruman

8460

Cabangile Zulu

Private Bag X4

Johannesburg

2000



**OMGEWINGSIMPAKEVALUERINGSPROSES VIR DIE WYSIGING VAN 'N OMGEWINGSIMPAKEVALUERING (OIE)  
EN OMGEWINGSBESTUURPROGRAM (OBPr) VIR BYKOMENDE BEPLANDE INFRASTRUKTUUR EN MYNGEBIEDE  
KUDUMANE MANGANESE RESOURCES (EDMS.) BPK.**

Kennis geskied hiermee ingevolge die Nasionale Wet op Omgewingsbestuur (NEMA) van 1998, die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (MPRDA) 28 van 2002, die Nasionale Waterwet (NWA) 36 van 1998 en die Nasionale Wet op Omgewingsbestuur: Afval (NEM:WA) 59 van 2008, asook die Nasionale Wet op Omgewingsbestuur: Luggehalte (NEM:AQA) 30 van 2004 van die voorneme om die aktiwiteite wat hieronder beskryf word, te onderneem. 'n Aansoek sal in hierdie verband by die Departement van Omgewingsake en Bewaring (DOB), die Departement van Waterwese (DW) en die Departement van Omgewingsake (DO) ingedien word en kennisgewing sal aan die Departement van Minerale Hulpbronne (DMH) gestuur word. Gegewe die aard van die projek, sal prosedures vir 'n bestekopname sowel as 'n omgewingsimpakevaluering gevolg word.

**DMH Verwysingsnommer:**

NC 30/5/1/2/2/268 MR (bestaande mynreg); (Restant en Gedeelte 1 van die plaas Telele 312; Restant en Gedeelte 2 van die plaas York A 279)

**DOB Verwysingsnommer:**

NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013

**DO Verwysingsnommer:**

Moet nog bekom word

**Naam van projekvoorsteller:**

Kudumane Manganese Resources (Edms.) Bpk. (Kudumane)

**Beskrywing van voorgestelde aktiwiteit:**

Die oorspronklike Kudumane OIE/OBPr-verslag is in Junie 2011 deur die DOB goedgekeur. Die DMH het die OIE/OBPr-verslag in Mei 2013 gemagtig met die notariële uitvoering van die Mynreg. Kudumane doen aan die hand dat sy bestaande goedgekeurde OIE/OBPr-verslag gewysig word om bykomende myngebiede in te sluit deur 'n aansoekproses om mynreg ingevolge die MPRDA. Die OIE/OBPr sal ook gewysig word om voorsiening te maak vir bykomende infrastruktuur op die bestaande mynreggebied. Die voorgestelde Kudumane OIE/OBPr wysigingsprojek vereis 'n aantal "geïdentifiseerde" aktiwiteite ingevolge verskeie omgewingsregulasies. Dit kan die volgende aktiwiteite insluit:

- Gelyste Aktiwiteite ingevolge NEMA Regulasie 544: Aktiwiteit 2, 9, 10, 11, 12, 13, 22, 26, 28, 37 en 42;
- Gelyste Aktiwiteite ingevolge NEMA Regulasie 545: Aktiwiteit 5, 11, 15 en 26;
- Gelyste Aktiwiteite ingevolge NEMA Regulasie 546: Aktiwiteit 2, 3, 4, 10, 14 en 16;
- Afvalaktiwiteite ingevolge NEM:WA Skedule: Kategorie A (11, 12 en 18) en Kategorie B (7 en 11)
- Watergebruike ingevolge Artikel 21 van die NWA: 21 (a) (c) (g) (i) en (j)
- Gelyste Aktiwiteite ingevolge NEM:AQA Kategorie 4 (4.5) en (5) 5.1

**Ligging van die voorgestelde aktiwiteite:**

Die voorgestelde aktiwiteite sal by die Kudumane Mangaanmyn op die plaas Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 en Devon 277, naby Hotazel in die Noord-Kaap geleë wees.

**Naam van konsultant om te kontak:**

SLR Consulting (Africa) (Edms.) Bpk.  
Kontakpersoon: Me Caitlin Pringle  
Posadres: Posbus 1596, Cramerview, 2060  
Tel: 011 467 0945  
Faks: 011 467 0978  
E-pos: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)

**Datum van publikasie van hierdie advertensie:**

5 November 2013

**Openbare vergaderings:**

Een openbare bestekopnamevergadering is gereël as deel van die openbare deelnameproses. Die besonderhede van die bestekopnamevergadering verskyn in die tabel hieronder:

**Besonderhede van openbare bestekopnamevergadering**

Datum	Plek	Tyd
26 November 2013	Hotazel Ontspanningsklub	15h30

**Registrasie van B&GP's en indiening van kommentaar:**

Ten einde te verseker dat u as 'n belangstellende en/of geïnteresseerde party (B&GP) geïdentifiseer word, moet u asseblief u naam, kontakbesonderhede en belang by die projek binne 30 dae ná die publikasie van hierdie advertensie by die bostaande kontakpersoon indien.

**Bykomende inligting:**

Tree asseblief in verbinding met die bogenoemde konsultant ten einde bykomende inligting oor die voorgestelde projek te bekom.

**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED INFRASTRUCTURE AND MINING AREAS  
KUDUMANE MANGANESE RESOURCES (PTY) LTD**

Notice is given in terms of the National Environment Management Act (NEMA) 107 of 1998, the Mineral Petroleum Resources Development Act (MPRDA) 28 of 2002, the National Water Act (NWA) 36 of 1998 and the National Environmental Management: Waste Act (NEM: WA) 59 of 2008 and the National Environmental Management: Air Quality Act (NEM:AQA) 30 of 2004 of the intent to carry out the activities as described below. In this regard, an application will be submitted to the Department of Environment and Conservation (DENC), the Department of Water Affairs (DWA), and the Department of Environmental Affairs (DEA), and notification will be sent to the Department of Mineral Resources (DMR). Given the nature of the project, both scoping and environmental impact assessment procedures will be followed.

**DMR Reference number:**

NC 30/5/1/2/2/268 MR (existing mining right); (RE and Ptn 1 of the Farm Telele 312; RE and Ptn 2 of the Farm York A 279)

**DENC reference number**

NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013

**DEA reference no**

To be obtained

**Name of proponent**

Kudumane Manganese Resources (Pty) Ltd (Kudumane)

**Description of proposed activity**

The original Kudumane EIA/EMP report was approved by DENC in June 2011. The DMR authorised the EIA/EMP report in May, 2013 with the notarial execution of the Mining Right. Kudumane is proposing to amend its existing approved EIA/EMP report to include additional mining areas through a mining right application process in terms of the MPRDA. THE EIA/EMP will also be amended to make provision for additional infrastructure on the existing mining rights area. The proposed Kudumane EIA/ EMP amendment project requires a number of "identified" activities in terms of various environmental regulations. These may include the following activities:

- Listed Activities in terms of NEMA Regulation 544: Activity 2, 9, 10, 11, 12, 13, 22, 26, 28, 37 and 42;
- Listed Activities in terms of NEMA Regulation 545: Activity 5, 11, 15 and 26
- Listed Activities in terms of NEMA Regulation 546: Activity 2, 3, 4, 10, 14 and 16
- Waste Activities in terms of NEM:WA Schedule: Category A (11, 12 and 18) and Category B (7 and 11)
- Water Uses in terms of Section 21 of the NWA: 21 (a) (c) (g) (i) and (j)
- Listed Activities in terms of NEM:AQA Category 4 (4.5) and (5) 5.1

**Location of the proposed activities**

The proposed activities will be situated at the Kudumane manganese mine on the farms Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 and Devon 277, located near Hotazel in the Northern Cape.

**Name of consultant to contact**

SLR Consulting (Africa) (Pty) Ltd  
Contact person: Ms Caitlin Pringle  
Postal Address: PO Box 1596, Cramerview, 2060  
Tel: (011) 467-0945  
Fax: (011) 467-0978  
E-mail: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)

**Date of publication of this advert:**

5 November 2013

**Public meetings**

One public scoping meeting has been arranged as part of the public participation process. The details of the scoping meeting are provided in the table below:

**Details of public scoping meeting**

Date	Venue	Time
26 November 2013	Hotazel Recreational Club	15h30

**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 30 days of publication of this advertisement.

**Additional information**

To obtain additional information about the proposed project, please contact the above mentioned consultant





Site Notice 1: Hotazel Supermarket



Site Notice 2: Hotazel Recreation Centre



Site Notice 3: Intersection of R380 and Kathu-Deben Road



Site Notice 4: Entrance to site



Site Notice 5: Entrance to Kathu



Site Notice 6: Kathu Civic Centre



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Kathu Gazette

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Sluit aan !

# Graad 12s Maak 'n Verskil vir Groot Katte



Marina Roets saam met Thato die cheetah en Chriszanne en Nicol Burger, eienaars van Felidae Centre.

Marina Roets, Melanie Krauze, Adelaide Leyden en Nadia Kruger van Hoërskool Kathu het gehoor van die Felidae Centre (Cats Place of Safety) buite Kimberley op die Petrusville-pad, en uitgevind dat hulle dringend hulp nodig het om vyf leeus van geblikte jag te red. Die doel van hulle Graad 12-inisiatief was om geld in te samel om sodoende die Felidae Centre te kan help om die vyf merkwaardige diere te red. Die leerders het plakkaat by die skool opgesit en gereël dat verteenwoordigers van Felidae Centre 'n toespraak by die skool kom hou. Hulle het ook blikkies by besighede geplaas vir donasies. 'n Bedrag van R3 400 is

aan Felidae Centre oorhandig. Dié bedrag is bygevoeg by die groototaal vir die betaling van die leeus aan die oorspronklike eienaar, wie hulle wou terughê vir gebruik vir geblikte jag. Die vyf leeus asook die welpies wat tot dusver gebore is sal dus nou die eiendom van Felidae Centre bly. Die welpies wat gebore is, is met die hand grootgemaak en word vir opvoedkundige doeleindes op toere gebruik. Die graad 12's het hulle dank uitgespreek teenoor die gemeenskap vir hulle bydraes tot die fondse wat aan Felidae Centre oorhandig is. Meer inligting oor die sentrum kan op die webtuiste by [www.felidaecentre.co.za](http://www.felidaecentre.co.za) of op hulle Facebook-bladsy verkry word.



Marina Roets oorhandig die bedrag van R3 400 aan Chriszanne en Nicol Burger.



Vlnr: Mnr Meiring Botha (skoolhoof van Kathu Hoërskool), mnr Nicol Burger (Felidae Centre), Marina Roets (Graad 12-leerling, Kathu Hoërskool), mej Chriszanne Burger (Felidae Centre), Nadia Kruger (Graad 12-leerling, Kathu Hoërskool), Adelaide Leyden (Graad 12-leerling, Kathu Hoërskool), Melanie Krauze (Graad 12-leerling, Kathu Hoërskool) en mev Marina Reyneke (onderwyseres, Kathu Hoërskool).

**OMGEWINGSIMPAAKVALUERINGSPROSES VIR DIE WYSIGING VAN 'N OMGEWINGSIMPAAKVALUERING (OIE) EN OMGEWINGSBESTUURPROGRAM (OBPr) VIR BYKOMENDE BEPLANDE INFRASTRUKTUUR EN MYNGBIEDE KUDUMANE MANGANESE RESOURCES (EDMS.) BPK.**

Kennis geskied hiermee ingevolge die Nasionale Wet op Omgewingsbestuur (NEMA) van 1998, die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (MPRDA) 28 van 2002, die Nasionale Waterwet (NWA) 36 van 1998 en die Nasionale Wet op Omgewingsbestuur: Afval (NEM:WA) 59 van 2008, asook die Nasionale Wet op Omgewingsbestuur: Luggehalte (NEM:AQA) 30 van 2004 van die voorneme om die aktiwiteite wat hieronder beskryf word, te onderneem. 'n Aansoek sal in hierdie verband by die Departement van Omgewingsake en Bewaring (DOB), die Departement van Waterwese (DW) en die Departement van Omgewingsake (DO) ingedien word en kennisgewing sal aan die Departement van Minerale Hulpbronne (DMH) gestuur word. Gegewe die aard van die projek, sal prosedures vir 'n bestekopname sowel as 'n omgewingsimpakevaluering gevolg word.

**DMH Verwysingsnommer:**  
NC 30/5/1/2/2/268 MR (bestaande mynreg); (Restant en Gedeelte 1 van die plaas Telele 312; Restant en Gedeelte 2 van die plaas York A 279)

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**DO Verwysingsnommer:**  
Moet nog bekom word

**Naam van projekvoorsteller:**  
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**Beskrywing van voorgestelde aktiwiteit:**  
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Gelyste Aktiwiteite ingevolge NEMA Regulasie 545: Aktiwiteit 5, 11, 15 en 26;  
Gelyste Aktiwiteite ingevolge NEMA Regulasie 546: Aktiwiteit 2, 3, 4, 10, 14 en 16;  
Afwalaktiwiteite ingevolge NEM:WA Skedule: Kategorie A (11, 12 en 18) en Kategorie B (7 en 11)  
Watergebruike ingevolge Artikel 21 van die NWA: 21 (a) (c) (g) (i) en (j)  
Gelyste Aktiwiteite ingevolge NEM:AQA Kategorie 4 (4.5) en (5) 5.1

**Ligging van die voorgestelde aktiwiteite:**  
Die voorgestelde aktiwiteite sal by die Kudumane Mangaanmyn op die plase Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 en Devon 277, naby Hotazel in die Noord-Kaap geleë wees.

**Naam van konsultant om te kontak:**  
SLR Consulting (Africa) (Edms.) Bpk.  
Kontakpersoon: Me Caitlin Pringle  
Posadres: Posbus 1596, Cramerview, 2060  
Tel: 011 467 0945  
Faks: 011 467 0978  
E-pos: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)

**Datum van publikasie van hierdie advertensie:**  
1 November 2013

**Openbare vergaderings:**  
Een openbare bestekopnamevergadering is gereël as deel van die openbare deelnameproses. Die besonderhede van die bestekopnamevergadering verskyn in die tabel hieronder:

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Datum	Plek	Tyd
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**Bykomende inligting:**  
Tree asseblief in verbinding met die bogenoemde konsultant ten einde bykomende inligting oor die voorgestelde projek te bekom.

**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED INFRASTRUCTURE AND MINING AREAS KUDUMANE MANGANESE RESOURCES (PTY) LTD**

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**DEA reference no**  
To be obtained

**Name of proponent**  
Kudumane Manganese Resources (Pty) Ltd (Kudumane)

**Description of proposed activity**  
The original Kudumane EIA/EMP report was approved by DENC in June 2011. The DMR authorised the EIA/EMP report in May, 2013 with the notarial execution of the Mining Right. Kudumane is proposing to amend its existing approved EIA/EMP report to include additional mining areas through a mining right application process in terms of the MPRDA. THE EIA/EMP will also be amended to make provision for additional infrastructure on the existing mining rights area. The proposed Kudumane EIA/EMP amendment project requires a number of "identified" activities in terms of various environmental regulations. These may include the following activities:

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Listed Activities in terms of NEMA Regulation 546: Activity 2, 3, 4, 10, 14 and 16  
Waste Activities in terms of NEM:WA Schedule: Category A (11, 12 and 18) and Category B (7 and 11)  
Water Uses in terms of Section 21 of the NWA: 21 (a) (c) (g) (i) and (j)  
Listed Activities in terms of NEM:AQA Category 4 (4.5) and (5) 5.1

**Location of the proposed activities**  
The proposed activities will be situated at the Kudumane manganese mine on the farms Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 and Devon 277, located near Hotazel in the Northern Cape.

**Name of consultant to contact**  
SLR Consulting (Africa) (Pty) Ltd  
Contact person: Ms Caitlin Pringle  
Postal Address: PO Box 1596, Cramerview, 2060  
Tel: (011) 467-0945  
Fax: (011) 467-0978  
E-mail: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)

**Date of publication of this advert:**  
1 November 2013

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26 November 2013	Hotazel Recreational Club	15:30

**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 given above within 30 days of publication of this advertisement.

**Additional information**  
To obtain additional information about the proposed project, please contact the above mentioned consultant



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VAKANTE – HOÛRSKOOL KATHU/KATHU HIGH SCHOOL – VACANCY  
DUBBELMEDIUM/ONDERRIG/DUAL MEDIUM INSTRUCTION  
(AFR/ENG)  
SKOOLBEHEERLIGGAAMPOSTE/SCHOOL GOVERNING BODY POSTS

- POS 1: ISO (Ingenieursgrafika en Ontwerp) en ROO (Rekenaarondersteunde Ontwerp) Graad 10 - 12  
EGD (Engineering Graphics Design) and CAD (Computer Aided Design) Grade 10 - 12
- POS 2: Wiskunde Graad 8 - 12/Mathematics Grade 8 - 12
- POS 3: Fisiese Wetenskappe en Wiskunde Graad 10 - 12  
Physical Science and Mathematics Grade 10 - 12
- POS 4: Huistaal, Eerste Addisionele Taal en Kunste en Kultuur Graad 8 - 9/  
Home Language, First Additional Language and Arts and Culture Grade 8 - 9
- POS 5: Huistaal en Eerste Addisionele Taal Graad 10 - 12/  
Home Language and First Additional Language Grade 10 - 12
- POS 6: Wiskunde Geletterdheid Graad 10 - 12/Mathematical Literacy Grade 10 - 12

Sluitingsdatum/Closing date: 9 November 2013

Diensaanvaarding/Acceptance of service: 1 Januarie/January 2014

Salaris onderhandelbaar/Salary negotiable

Verstuur 'n volledige CV sowel as gesertifiseerde afskrifte van kwalifikasies en ID aan:  
Submit a complete CV, including certified copies of qualifications and ID to:

Die Skoolhoof  
Privaatsak X502  
Kathu  
8446

The Principal  
Private Bag X502  
Kathu  
8446

Tel. 053 723 1561

Fax: 053 723 3214

E-mail: office@hskathu.ncape.school.za

Geen verpligting berus op die SBL om poste te vul indien die geskikte kandidaat nie gevind word nie.

The SGB is under no obligation to fill any positions if it does not find a suitable candidate.

## VEILING!

SATERDAG 2 NOVEMBER 2013  
OM 10:00 by  
Acaciastraat, Kuruman (Langs McGuinness)

### MEUBELS:

1 TV-kabinet, 2 TVs, 1 koninginsrooite-slaapkamerstel met matras. **NOG INSKRYWINGS WORD VERWAG!**

### ALLERLEI:

Sinkplate, bakke, teepale, vervoerband, 3 rekenaarskerm, verlengkoorde, dromme, skoene, prente, babastootwaentjie, babasitstoeltjie, 2-man-tent, 2-staaf-verwarmers, los kussings, een 4-laa-lisseerkabinet, 3 randsnyers, ens.

### GEREEDSKAP:

Verskeie gereedskap. **GEREEDSKAP IS NUUT!**

**NB: KOM VERKOOP DIT WAT IN JOU PAD IS.  
WAT JY BENODIG - KOM KYK GERUS!**

**TERME: STRENG KONTANT**  
R10 nie-trugbetaalbare kopersregistrasiegeld betaalbaar.

**Worsbroodjies, braaivleis en koeldrank!**

**A MOS AFSLAERS AUCTIONEERS**  
Navrae: Wimpie 079 503 1569  
Daklené 073 196 123  
Kode 082 841 9688  
Registration Nr. GSM A62/20050316

**VAN DER LINDE TOYOTA**

Postmasburg • Tel. 053 313 0080 • Faks 053 313 0349

**VAKATURE ONDERDELEKLERK**

### VEREISTES:

- Relevante ervaring
- Rekenaarvaardig
- Geldige rybewys

Reël vir afspraak by  
Mnr. J van der Linde

Sluitingsdatum: 22 November 2013

Faks CV na  
086 519 1390 of 053 313 0349  
Skakel 053 313 0110

### MUNISIPALITEIT/KHARA HAI

KENNISGEWING 662/2013

DORPSAANLEGGINGS- VOORGESTELDE HERSONERING

VAN ERF 68, HOEFSTRAAT 68, LAMBRECHTSDRIFT

Kennis geskied ingevolge die bepaling van die Noord-Kaapse Wet op Ontwikkeling en Beplanning, 1998, (Wet 7 van 1998), saamgevoeg met die toepaslike Skemaregulasie vir Munisipaliteit/Khara Hais dat die Raad van voorneme is om die volgende herosenering op onroerende eiendom te oorwoeg:

- |                                    |  |
|------------------------------------|--|
| 1. Beskrywing van eiendom          | : Erf 68, Lambrechtsdrift  |
| 2. Ligging                         | : Hoefstraat 68, Lambrechtsdrift   |
| 3. Oppervlakte                     | : 2 862 m <sup>2</sup>   |
| 4. Aansoeker                       | : B Bosman   |
| 5. Gereguleerde eiensar            | : //Khara Hais Munisipaliteit  |
| 6. Huidige gebruiksaamwending      | : Onbepaalde Soos  |
| 7. Voorgestelde gebruiksaamwending | : Sakensone 1 met vergumming vir Vermaaklikheidsplek   |
| 8. Doel van aansoek                | : Herosenering van Erf 68, Lambrechtsdrift, na Sakensone 1, ten einde 'n Tavernen en Algemeen Handelbaar daarop te bedryf. |

Nadere besonderhede is verkrygbaar vanaf die Raad se Stadsbeplanner, tel. 054 338 7372, gedurende normale kantoorure (Maandag tot Vrydag, 07:30 tot 12:30 en 13:30 tot 16:30) en beswars teen die aansoek, indien enige, moet alhier stuur by die Munisipale Bestuurder ingedien word om hom voor of op Vrydag, 22 November 2013, te bereik. Indien enige persoon wat kommentaar wil lever/vertoe wil rig, nie kan skryf nie, kan sodanige persoon gedurende normale kantoorure voor of op Vrydag 22 November 2013, by mnr. J du Plessis by kantoor 57 aanmeld, wat sodanige persoon se kommentaar/vertoe op skrif gestel sal word.

WJB Engelbrecht  
Munisipale Bestuurder

Burgersentrum  
Markstraat  
Privaatsak X6003  
Uplington  
8900  
Erf 68, Lambrechtsdrift

**//KHARA HAI MUNICIPALITY  
NOTICE 662/2013  
TOWN PLANNING SCHEME: PROPOSED REZONING OF ERF  
68, 68 MAIN STREET, LAMBRECHTSDRIFT**

Notice is given in terms of the provisions of the Northern Cape Planning and Development 198, (Act 7 of 1998) and the applicable Scheme Regulations for //Khara Hais Municipality, that it is the intention of the Council to consider the rezoning on immovable property:

- |                            |   |
|----------------------------|---|
| 1. Description of property | : Erf 68, Lambrechtsdrift   |
| 2. Site                    | : 68 Main Street, Lambrechtsdrift   |
| 3. Area                    | : 2 862 m <sup>2</sup>  |
| 4. Applicant               | : B Bosman  |
| 5. Registered owner        | : //Khara Hais Municipality   |
| 6. Present utilisation     | : Unspecified Zone  |
| 7. Proposed utilisation    | : Business Zone 1 with consent for place of entertainment   |
| 8. Purpose of application  | : Rezoning of Erf 68, Lambrechtsdrift, to Business Zone 1, in order to utilise a Tavern and General Dealer on the premises. |

Full particulars are obtainable from the Town Planner of the Council, tel. 054 338 7372, during normal office hours (Monday to Friday, 07:30 - 12:30 and 13:30 - 16:30) and objections against the application, if any, must be lodged in writing with the Municipal Manager on or before Friday, 22 November 2013. Any person with objections against the application, who is unable to write, can during normal office hours on or before Friday, 22 November 2013, report to Mr. J du Plessis in office 57, who will put such a person's objections in writing.

WJB Engelbrecht  
Municipal Manager  
Civic Centre  
Mark Street  
Private Bag X6003  
Uplington  
8900  
Erf 68, Lambrechtsdrift

## OMGEWINGSIMPAAKEVALUERINGSPROSES VIR DIE WYSIGING VAN 'N OMGEWINGSIMPAAKEVALUERING (OIE) EN OMGEWINGSBESTUURPROGRAM (OBPR) VIR BYKOMENDE BEPLANDE INFRASTRUKTUUR EN MYNGEBIEDE KUDUMANE MANGANESE RESOURCES (EDMS.) BPK.

Kennis geskied hiermee ingevolge die Nasionale Wet op Omgewingsbestuur (NEMA) van 1998, die Wet op die Ontwikkeling van Minerale en Petroleum hulpbronne (MPRDA) 28 van 2002, die Nasionale Waterwet (NWA) 36 van 1998 en die Nasionale Wet op Omgewingsbestuur: Afnal (NEM:WA) 59 van 2008, asook die Nasionale Wet op Omgewingsbestuur: Luggehalte (NEM:AQA) 30 van 2004 van die voorneme om die aktiwiteite wat hieronder beskryf word, is ondermeer: 'n Aansoek sal in hierdie verband by die Departement van Omgewingsake en Bewaring (DOB), die Departement van Waterwese (DWW) en die Departement van Omgewingsake (DO) ingedien word en kennisgewing sal aan die Departement van Minerale Hulpbronne (DMH) gestuur word. Gegewe die aard van die projek, sal prosedures vir 'n bestekopname sowel as 'n omgewingsimpakevaluering gevolg word.

**DMH Verwysingsnommer:**  
NC 30/5/1/2/2/268 MR (bestaande mynreg); (Restant en Gedeelte 1 van die plaas Telele 312; Restant en Gedeelte 2 van die plaas York A279)

**DOB Verwysingsnommer:**  
NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013

**DO Verwysingsnommer:**  
Moet nog bekom word

**Naam van projekvoorsteller:**  
Kudumane Manganese Resources (Edms.) Bpk. (Kudumane)

**Beskrywing van voorgestelde aktiwiteite:**

Die oorspronklike Kudumane OIE/OBPR-verslag is in Junie 2011 deur die DOB goedgekeur. Die DMH het die OIE/OBPR-verslag in Mei 2013 gemaak met die notaries uitvoering van die Mynreg. Kudumane doen aan die hand dat by bestaande goedgekeurde OIE/OBPR-verslag gewysig word om bykomende myngediede in te sluit deur 'n aansoekproses om mynreg ingevolge die MPRDA. Die OIE/OBPR sal ook gewysig word om voorsiening te maak vir bykomende infrastruktuur op die bestaande mynreggebiede. Die voorgestelde Kudumane OIE/OBPR wysigingsprojek vereis 'n aantal 'geïdentifiseerde' aktiwiteite ingevolge verskeie omgewingsregulasies. Dit kan die volgende aktiwiteite insluit:

- Gelysde Aktiwiteite ingevolge NEMA Regulasie 544: Aktiwiteit 2, 9, 10, 11, 12, 13, 22, 26, 28, 37 en 42;
- Gelysde Aktiwiteite ingevolge NEMA Regulasie 545: Aktiwiteit 5, 11, 15 en 28;
- Gelysde Aktiwiteite ingevolge NEMA Regulasie 546: Aktiwiteit 2, 3, 4, 10, 14 en 16;
- Afnalaktiwiteite ingevolge NEM:WA Skedule: Kategorie A (11, 12 en 18) en Kategorie B (7 en 11)
- Watergebruik ingevolge Artikel 21 van die NWA: 21 (a) (c) (i) en (j)
- Gelysde Aktiwiteite ingevolge NEM:AQA Kategorie 4 (4.5) en (5) 5.1

**Ligging van die voorgestelde aktiwiteite:**  
Die voorgestelde aktiwiteite sal by die Kudumane Mangaanmyn op die plaas Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 en Devon 277, naby Hotazel in die Noord-Kaap geleë wees.

**Naam van konsultant om te kontak:**  
SLR Consulting (Africa) (Edms.) Bpk.

**Kontakpersoon:**  
Ms. Caitlin Pringle  
Posadres: Posbus 1596, Cramerview 2060  
Tel. 011 467 0945  
Faks 011 467 0978  
E-pos: cpringle@slrconsulting.com

**Datum van publikasie van hierdie advertensie:**  
31 Oktober 2013

**Openbare vergaderings:**  
Een openbare bestekopnamevergadering is gereël as deel van die openbare deelnameproses. Die besonderhede van die bestekopnamevergadering verskyn in die tabel hieronder:

**Besonderhede van openbare bestekopnamevergadering**  
Datum: 28 November 2013  
Tyd: Hotazel Ontspanningsklub  
Tyd: 15:30

**Registrasie van B&GP's en indiening van kommentaar:**  
Ten einde te verseker dat u as 'n belangstellende en/of geaffekteerde party (B&GP) geïdentifiseer word, moet u asseblief u naam, kontakbesonderhede en belang by die projek binne 30 dae ná die publikasie van hierdie advertensie by die bestaande kontakpersoon indien.

**Bykomende Inligting:**  
Tree asseblief in verbinding met die bogenoemde konsultant ten einde bykomende inligting oor die voorgestelde projek te bekom.

## ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED INFRASTRUCTURE AND MINING AREAS KUDUMANE MANGANESE RESOURCES (PTY) LTD

Notice is given in terms of the National Environment Management Act (NEMA) 107 of 1998, the Mineral Petroleum Resources Development Act (MPRDA) 28 of 2002, the National Water Act (NWA) 36 of 1998 and the National Environmental Management: Waste Act (NEM:WA) 59 of 2008 and the National Environmental Management: Air Quality Act (NEM:AQA) 30 of 2004 of the intent to carry out the activities as described below. In this regard, an application will be submitted to the Department of Environment and Conservation (DENC), the Department of Water Affairs (DWA), and the Department of Environmental Affairs (DEA), and notification will be sent to the Department of Mineral Resources (DMR). Given the nature of the project, both scoping and environmental impact assessment procedures will be followed.

**DMR Reference number:**  
NC 30/5/1/2/2/268 MR (existing mining right); (RE and Ptn 1 of the Farm Telele 312; RE and Ptn 2 of the Farm York A279)

**DENC reference number:**  
NG/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013

**DEA reference No.**  
To be obtained

**Name of proponent:**  
Kudumane Manganese Resources (Pty) Ltd (Kudumane)

**Description of proposed activity:**  
The original Kudumane EIA/EMP report was approved by DENC in June 2011. The DMR authorised the EIA/EMP report in May, 2013 with the notarial execution of the Mining Right. Kudumane is proposing to amend its existing approved EIA/EMP report to include additional mining areas through a mining right application process in terms of the MPRDA. The EIA/EMP will also be amended to make provision for additional infrastructure on the existing mining rights area. The proposed Kudumane EIA/EMP amendment project requires a number of 'identified' activities in terms of various environmental regulations. These may include the following activities:

- Listed Activities in terms of NEMA Regulation 544: Activity 2, 9, 10, 11, 12, 13, 22, 26, 28, 37 and 42;
- Listed Activities in terms of NEMA Regulation 545: Activity 5, 11, 15 and 28
- Listed Activities in terms of NEMA Regulation 546: Activity 2, 3, 4, 10, 14 and 16
- Waste Activities in terms of NEM:WA Schedule: Category A (11, 12 and 18) and Category B (7 and 11)
- Water Uses in terms of Section 21 of the NWA: 21 (a) (c) (i) and (j)
- Listed Activities in terms of NEM:AQA Category 4 (4.5) and (5) 5.1

**Location of the proposed activities:**  
The proposed activities will be situated at the Kudumane manganese mine on the farms Telele 312, Devon 277, York A 279, Hotazel 280, Kipling 271 and Devon 277, located near Hotazel in the Northern Cape.

**Name of consultant to contact:**  
SLR Consulting (Africa) (Pty) Ltd

**Contact person:**  
Ms Caitlin Pringle  
Postal address: PO Box 1596, Cramerview 2060  
Tel. 011 467 0945  
Fax 011 467 0978  
E-mail: cpringle@slrconsulting.com

**Date of publication of this advert:**  
31 October 2013

**Public meetings**  
One public scoping meeting has been arranged as part of the public participation process. The details of the scoping meeting are provided in the table below:

**Details of public scoping meeting**  
Date: 28 November 2013  
Venue: Hotazel Recreational Club  
Time: 15:30

**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 30 days of publication of this advertisement.

**Additional Information:**  
To obtain additional information about the proposed project, please contact the above mentioned consultant.

**KUDUMANE MANGANESE RESOURCES (PTY) LTD**  
**BACKGROUND INFORMATION ON THE ENVIRONMENTAL WORK**  
**ASSOCIATED WITH AN EIA/EMP AMENDMENT FOR ADDITIONAL PLANNED**  
**INFRASTRUCTURE AND MINING AREAS** *November 2013 (Rev 2)*

## INTRODUCTION

Kudumane Manganese Resources (Pty) Ltd (Kudumane) proposes to submit a new Mining Right application in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002 to include additional mining areas to its existing mining rights area. Kudumane will therefore submit a mining right application in terms of Section 22 of the MPRDA. In this regard, Kudumane is proposing to amend its approved Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) to incorporate the additional mining rights areas and to add additional infrastructure to its existing mining rights area.

### Existing mining rights area:

- Telele 312: changes to surface infrastructure associated with underground mining
- York: additional surface infrastructure

### Additional mining rights area:

- Hotazel 280 and Kipling 271: new opencast pit and associated infrastructure
- Devon 277: Tailings storage facility (TSF)

The proposed mining operations will be located on various farms in the John Taolo Gaetsewe District Municipality of the Northern Cape Province (Figure 1). The existing D3336 gravel road (off the R380/R31) will be used to access the mine.

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

## ENVIRONMENTAL APPROVAL

Prior to the commencement of the proposed project an environmental assessment process including: a scoping phase, EIA and EMP phase must be conducted in terms of both the MPRDA 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, the National Environmental Management: Waste Act (NEM: WA), 59 of 2008, and the National Environmental Management: Air Quality Act (NEM:AQA), 39 of 2004.

### YOUR ROLE

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

### 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.

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

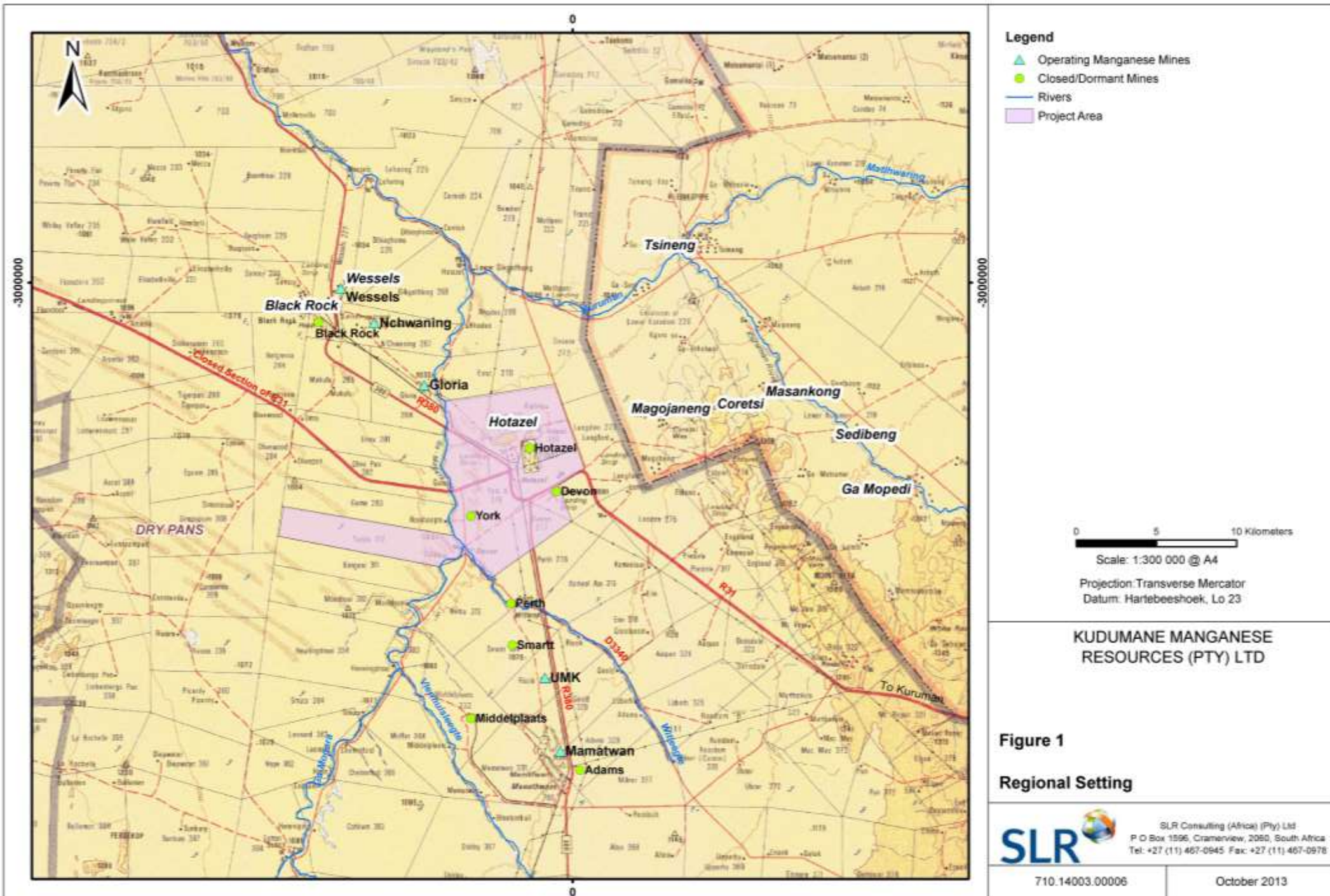
This document has been prepared by SLR to inform you:

- 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.

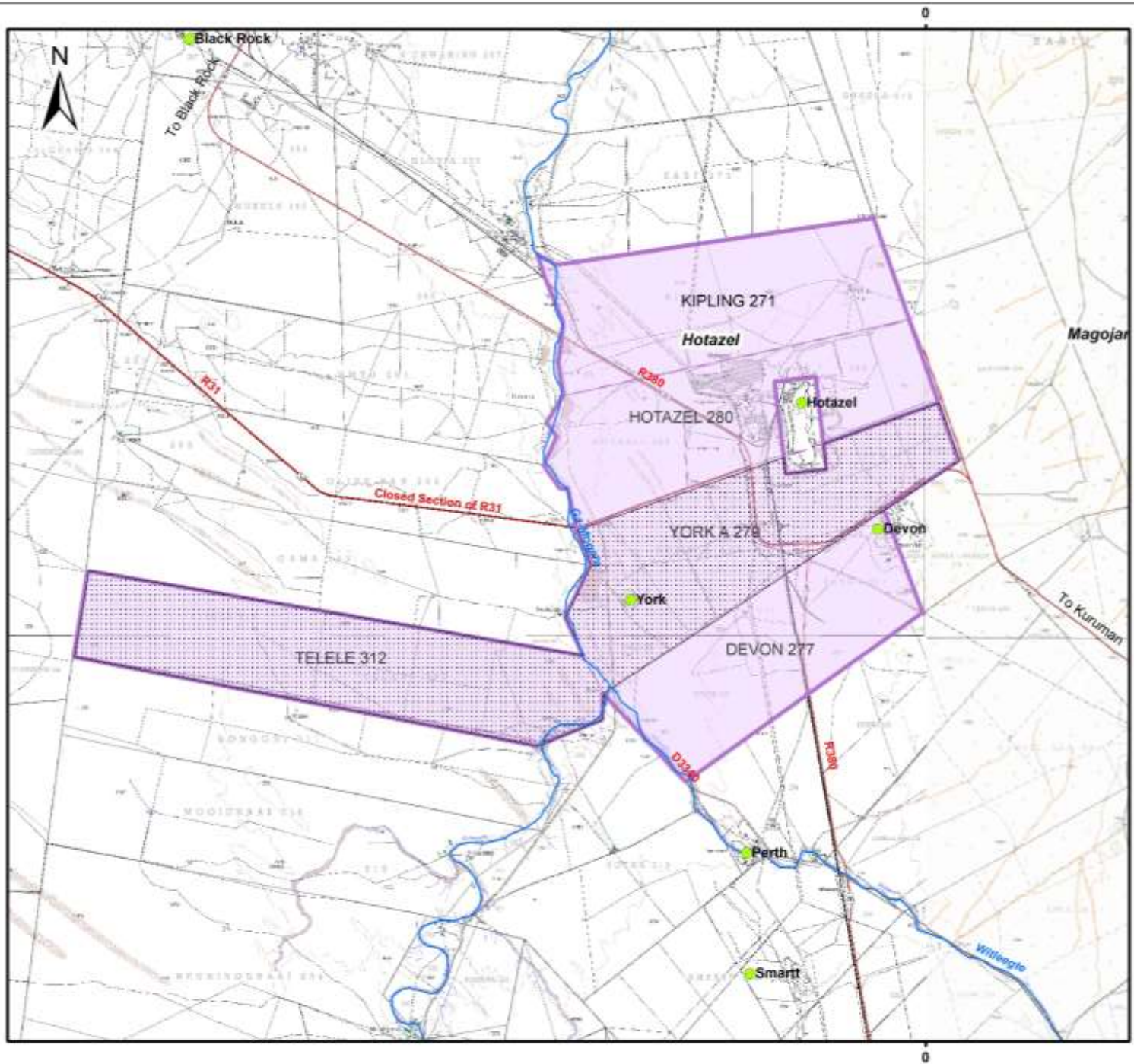
### WHO TO CONTACT

Caitlin Pringle on  
(011) 467 0945 (tel) or  
(011) 467 0978 (fax) or  
cpringle@slrconsulting.com









- Legend**
- Closed/Dormant Mines
  - Rivers
  - Existing Mining Rights Area
  - Project Area

0 2 4 6 Kilometers

Scale: 1:124 000 @ A4

Projection: Transverse Mercator  
Datum: Hartebeeshoek, Lo 23

**KUDUMANE MANGANESE  
RESOURCES (PTY) LTD**

**Figure 2**  
**Local Setting**

**SLR** SLR Consulting (Africa) (Pty) Ltd  
P O Box 1596, Cramerview, 2060, South Africa  
Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

## DETAILED PROJECT DESCRIPTION

### MINING AND PROCESSING

The resource to be mined is the manganese ore body of the Kalahari Manganese field. The approved EIA/EMP made provision for access to the ore body utilising underground and opencast mining methods. In this regard, an open pit on York A 279 and a vertical shaft on Telele 312 were included as part of the approved infrastructure. Kudumane proposes to establish an additional open pit on the farm Hotazel 280 and Kipling 271 and changes to the infrastructure for the approved shaft on Telele 312. Processing facilities, comprising crushing and screening activities were included in the approved EIA/EMP. Kudumane is also proposing to establish a sinter plant to further process manganese ore on site as well as a TSF for the disposal of fines generated during the crushing and screening process.

### SUPPORTIVE SERVICES

#### Stockpiles

The product will be stockpiled on-site for loading and transport via a combination of road and rail,

#### Access

An approved access road off the R380 will be utilised (Figure 1).

#### Power

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

#### Water

Potable water will be supplied by Sedibeng Water. Process water will be provided by 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. The approved facilities will be used for this. Where possible employees will be recruited from surrounding communities. Limited housing facilities are therefore proposed. A temporary construction camp is

planned for use during the construction phase. Kudumane is in the process of building a few houses in Hotazel.

### WASTE

The crushing and screening process will generate a slurry which will be disposed of in a proposed tailings storage facility. Waste rock from shaft sinking, open pit 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 appropriately licensed facilities. Sewage will be treated at on-site treatment facilities.

### MOTIVATION FOR THE PROPOSED PROJECT

Kudumane 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 additional 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 towards the end of 2014. The life of mine (LOM) on current planning is between 15 and 20 years.

## 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 negative impacts to an acceptable level and to maintain and enhance positive impacts.

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 (November - December 2013)

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

#### PHASE II - Scoping (November - March 2014)

- 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
- Commence with specialist investigations

#### PHASE III - EIA / EMP (February 2014 - September 2014)

- 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 (approximately January 2015)

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

### PARTIES INVOLVED IN THE ASSESSMENT PROCESS

#### PROJECT PROPONENT

- Kudumane Manganese Resources (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)
- Department of Environmental Affairs (DEA)
- John Taolo Gaetsene District Municipality
- Joe Morolong Local Municipality

### ENVIRONMENTAL PERMISSIONS TO BE OBTAINED

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

#### Primary environmental permissions required for the project:

- EIA/EMP comment and approval (under MPRDA & NEMA)
- Water use licence (NWA)
- Waste license (NEM: WA),
- Air Emission Licence (NEM:AQA)



## EXISTING BASELINE ENVIRONMENT

**Geology:** Kudumane Mine is located in the Kalahari Basin which is a manganese host iron formation.

**Climate:** Northern Steppe Climatic Zone. Semi arid regions characterised by seasonal rainfall (386mm to 455mm) generally in form of thunderstorms. In general winds blow from the north and north-east.

**Topography:** The mine is located in a relatively flat area with a gentle slope towards the west. The average elevation on site is 1040 metres above mean sea level (mamsl).

**Soils and land capability:** Soils types are homogeneous in terms of texture, structure, and soil depth and consist of deep (>1.2m) sandy, red and yellow soils of the Hutton and Clovelly forms. Soils at the mine have a low cultivation potential due to the high infiltration rates associated with sandy soils.

**Land use:** Land uses surrounding the mine include a combination of livestock grazing, game farming, mining, railway and sparsely situated residences.

**Animal life:** Several bird and mammal species are likely to occur on site. These include, the Northern Black Korhaan, the Longbilled lark, the Grey hornbill, Chat Flycatcher, Steenbok, Duiker, Suricate, White-tailed Mongoose, Molerat, and ground squirrels. It should be noted that the animal life population in general has been disturbed due to the existing mining activities and pre-mining activities such as farming and prospecting.

**Plant life:** The Kudumane Mine falls within the Kathu Bushveld and consists of three habitat/vegetation types. These habitat/vegetation types include the Acacia haematoxylon Savannah, Mixed Acacia Savannah and Grewia Flava Scrub.

**Surface water:** The site is located in the Orange River Basin, in quaternary catchment D41K. The project area is located downstream of a large catchment area (approximately 8000 km<sup>2</sup>) which feeds the Ga-Mogara river. No perennial drainage lines are located within or near the project area. The ephemeral Ga-Mogara River as well as one of its tributaries, the ephemeral Witleegde River, are located along the western boundary of the opencast mining area and approximately 500 m south of the project footprint, respectively. Due to the large catchment area of the Ga-Mogara River, when the river is in flood, flows can become considerable.

**Groundwater:** Two aquifers are present beneath the mine, namely a shallow aquifer comprising Kalahari sands and calcrete and a deeper fractured aquifer comprising Dwyka clay and Mooidraai dolomite formation. The average ground water level at the mine ranges from 19m to 47m below ground level. Groundwater flows mimic the topography of the area.

**Air quality:** Apart from the current Kudumane Mine activities, various activities in the area have potential to contribute to the emission of pollutants. These pollutants include: fugitive dust from veld fires, wind erosion from open areas, dust generated by dirt road travelling, agricultural activities, vehicle tailpipe emissions, emissions from neighbouring mines, household fuel combustion, and rail-related fuel combustion.

**Noise:** The greater area is generally defined by rural features and is not subjected to elevated noise levels. Existing noise in the project area is mainly caused by surrounding farming activities, localised traffic, train movements, and mining operations.

**Visual:** The Kudumane Mine is located within the flat open plains of the Kalahari. The site is rural in nature as it is sparsely populated with farmhouses scattered throughout the area. The existing mining operations (on site and adjacent to the site) and construction activities have somewhat already affected the sense of place and natural visual character of the area.

**Heritage/cultural & paleontological resources:** No significant heritage resources or cultural materials have been found to occur at the Kudumane Mine.

**Socio-economic:** Farm houses and farm worker residences are the closest settlements to the mine and are located within a 3 km radius. There is a high level of unemployment with a dependency on subsistence agriculture, the public sector, seasonal workers and employment in the mining sector. Water provision and sanitation remains a challenge, mostly in the rural areas.

## 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>	Kudumane & 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>	SLR
<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>	GSPD Consulting
<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>	Equispectives Research and Consulting Services and Strategy4Good



# KUDUMANE MANGANESE RESOURCES (EDMS.) BPK.

## AGTERGRONDINLIGTING OOR DIE OMGEWINGSWERK WAT GEPAARD GAAN MET 'N OIE/OBP WYSIGING VIR BYKOMENDE BEPLANDE INFRASTRUKTUUR EN MYNGEBIEDE

November 2013

### INLEIDING

Kudumane Manganese Resources (Edms.) Bpk. (Kudumane) hou die indiening voor van 'n nuwe Aansoek om Mynreg ingevolge die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (MPRDA), Wet 28 van 2002 ten einde bykomende myngebiede by sy bestaande mynreggebied in te sluit. Derhalwe sal Kudumane 'n aansoek om mynreg ingevolge Artikel 22 van die MPRDA indien. In hierdie verband stel Kudumane voor om sy goedgekeurde Omgewingsimpakevaluering (OIE) en Omgewingsbestuursplan (OBP) te wysig om die bykomende mynreggebiede te inkorporeer. Kudumane beplan ook om bykomende infrastruktuur by sy bestaande mynreggebied te voeg.

#### Bestaande mynreggebied:

- Telele 312: Veranderinge aan bogrondse infrastruktuur wat met ondergrondse mynbou gepaard gaan
- York: Sinteraanleg en uitskotbergingsfasiliteit (UBF)

#### Bykomende mynreggebied:

- Hotazel 280 en Kipling 271: Nuwe dagbou-myngroef en gepaardgaande infrastruktuur
- Devon 277 276: Geen aktiwiteite word beplan nie, maar sal ingesluit word in die mynreggebied.

Die voorgestelde mynboubedrywighede sal op verskeie plase in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaapprovinsie (Figuur 1) geleë wees. Die bestaande D3336 gruispad (wat afdraai van die R380/R31) sal vir toegang tot die myn gebruik word.

SLR Consulting (Africa) (Edms.) Bpk. (SLR), 'n onafhanklike firma van omgewingskonsultante, is deur Kudumane aangestel om die omgewingsevalueringproses te bestuur.

### OMGEWINGSGOEDKEURING

Voor die aanvang van die voorgestelde projek moet 'n omgewingsevalueringproses onderneem word, insluitend: 'n bestekopnamefase, OIE- en OBP-fase ingevolge beide die MPRDA en die Nasionale Wet op Omgewingsbestuur (NEMA), Wet 107 van 1998. Albei wette is van toepassing aangesien die voorgestelde projek 'n myn is en dit 'n aantal gelyste/geïdentifiseerde aktiwiteite uit Regulasie R.544, R.545 en R.546 behels wat ingevolge NEMA afgekondig is. Aspekte van die projek sal ook magtiging

vereis ingevolge die Nasionale Waterwet (NWA), Wet 36 van 1998; die Nasionale Wet op Omgewingsbestuur: Afval (NEM:WA), Wet 59 van 2008; en die Nasionale Wet op Omgewingsbestuur: Luggehalte (NEM:AQA), Wet 39 van 2004.

### U ROL

Openbare betrokkenheid is 'n noodsaaklike deel van die omgewingsevalueringproses.

U is as 'n belangstellende en geïdentifiseerde party (B&GP) geïdentifiseer wat moontlik oor die voorgestelde projek ingelig sal wil word en inset wil lewer in die omgewingsevalueringproses.

Alle kommentaar sal aangeteken en aan die projekspan voorgelê word. U sal terugvoer ontvang oor hoe u kommentaar in ag geneem is en wat die uitkoms van die evaluering is.

### HOE OM TE REAGEER

Reaksie op hierdie dokument kan deur middel van die aangehegte kommentaarblad of deur kommunikasie met die persoon wat hieronder genoem word, ingedien word.

### DOEL VAN HIERDIE DOKUMENT

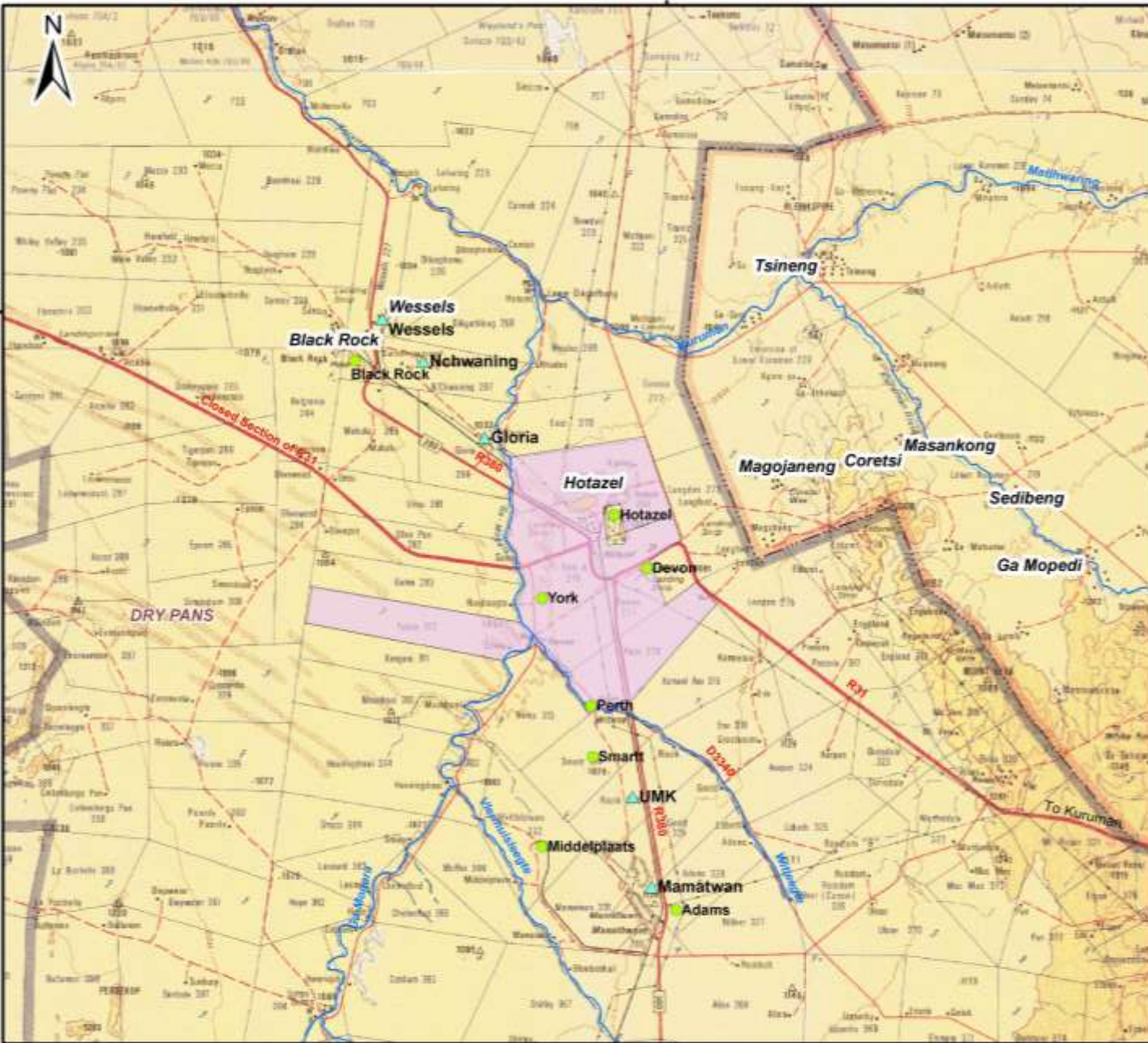
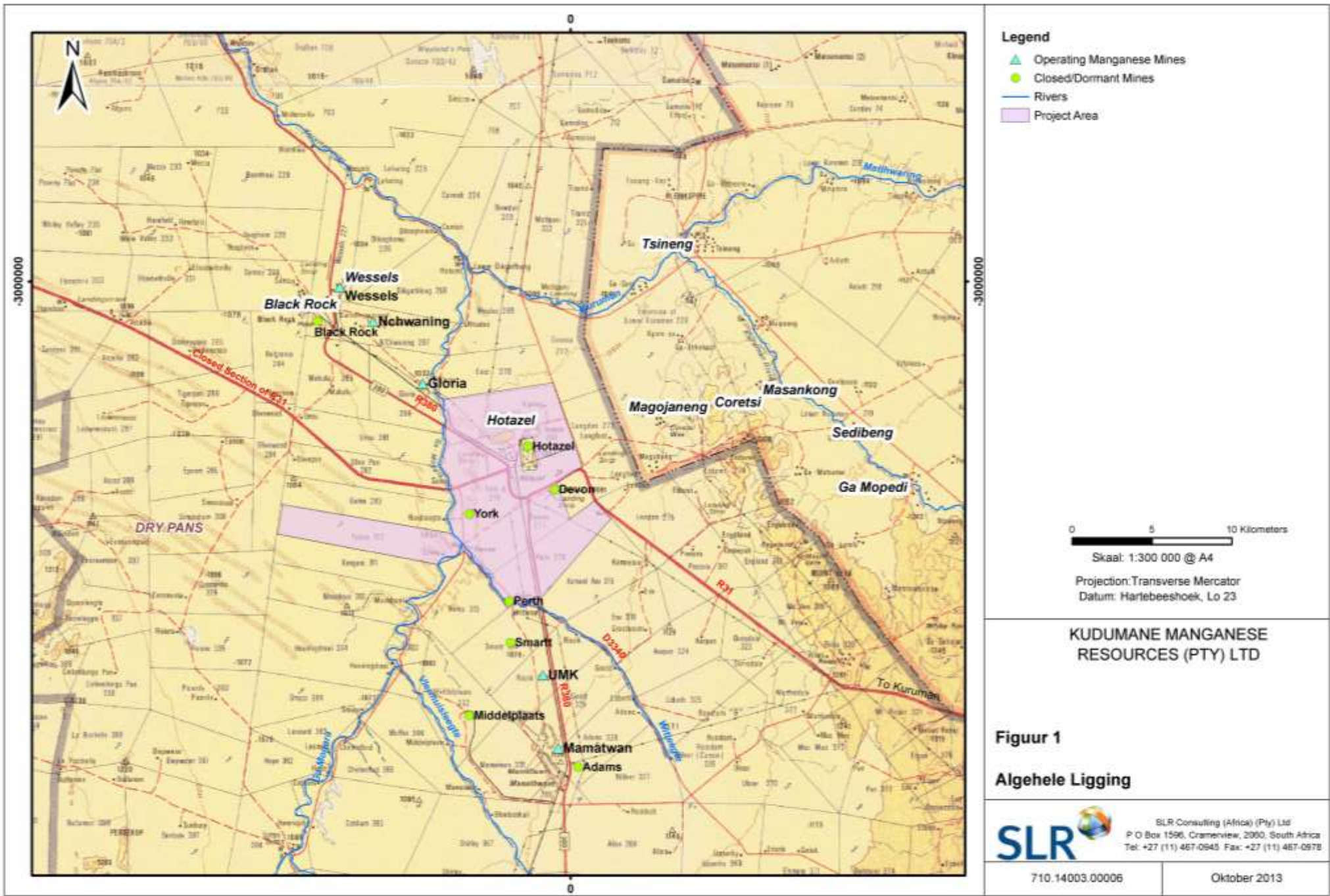
SLR het hierdie dokument opgestel om u in te lig:

- oor die voorgestelde projek;
- oor die omgewingsevalueringproses wat gevolg gaan word;
- van moontlike omgewingsimpakte; en
- hoe u insette kan lewer in die omgewingsevalueringproses.

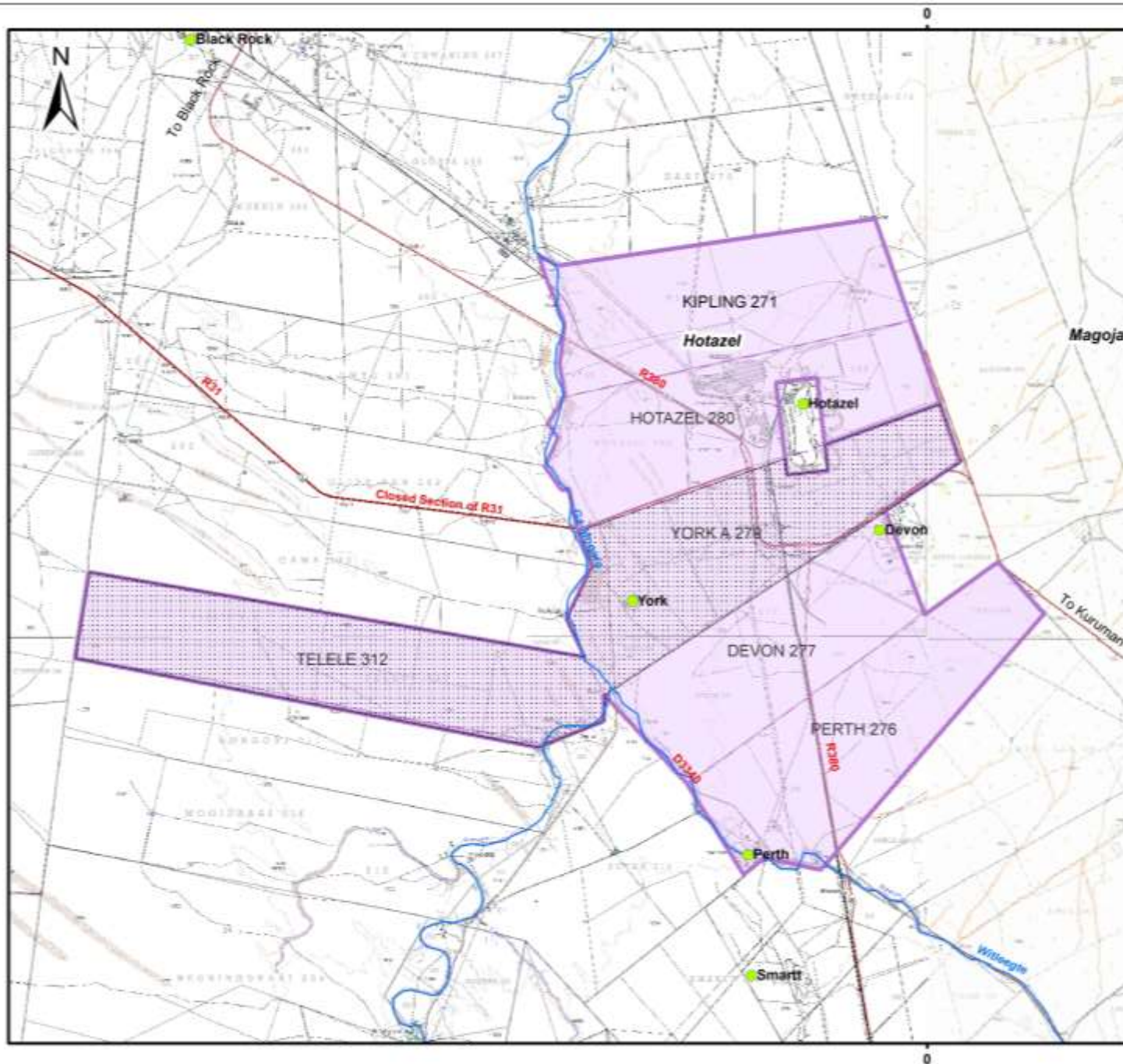
### WIE OM TE KONTAK

Caitlin Pringle by  
011 467 0945 (tel) of  
011 467 0978 (faks) of  
cpringle@slrconsulting.com









**Legend**

- Closed/Dormant Mines
- Rivers
- Existing Mining Rights Area
- Project Area



Skaal: 1:132 000 @ A4  
 Projection: Transverse Mercator  
 Datum: Hartebeeshoek, Lo 23

**KUDUMANE MANGANESE RESOURCES (PTY) LTD**

**Figuur 2**  
**Plaaslike Ligging**

**SLR** SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1596, Coamersview, 2060, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

### MYNBOU EN VERWERKING

Die hulpbron wat gemyn sal word, is die mangaan ertsliggaam van die Kalahari Mangaanveld. Die goedgekeurde OIE/OBP maak voorsiening vir toegang tot die ertsliggaam deur ondergrondse en dagbou-mynmetodes aan te wend. In hierdie verband is 'n oop groef op York A 279 en 'n vertikale skag op Telele 312 ingesluit as deel van die goedgekeurde infrastruktuur. Kudumane doen aan die hand om 'n bykomende oop groef op die plaas Hotazel 280 en Kipling 271 en veranderinge aan die infrastruktuur vir die goedgekeurde skag op Telele 312 te vestig. Verwerkingsaanlegte, wat bestaan uit vergruis- en siftingsbedrywighede, is in die goedgekeurde OIE/OBP ingesluit. Kudumane stel ook die oprigting van 'n sinteraanleg voor om die mangaanerts verder op die terrein te verwerk, asook 'n UBF vir die wegdoening van fyn stof wat tydens die vergruising- en siftingsprosesse gegenereer word.

### STEUNDIENSTE

#### Voorraadstapels

Die produk sal op die terrein opgestapel word om deur 'n kombinasie van pad en spoor gelaai en vervoer te word.

#### Toegang

'n Goedgekeurde toegangspad wat van die R380 af uitdraai, sal gebruik word (Figuur 1).

#### Krag

Krag sal deur generators op die terrein verskaf word tot tyd en wyl Eskomkrag beskikbaar is.

#### Water

Drinkwater sal deur Sedibeng Water voorsien word. Proseswater sal deur mynontwatering verskaf word.

#### Store

Bergingsgeriewe vir die berging van algemene verbruiksgoedere, onderdele en gevaarlike materiale (soos plofstof, brandstof en smeermiddels) sal op die terrein aangebring word.

#### Werkswinkels

Die instandhouding van projektoerusting sal by werks-winkels en wasplekke op die terrein onderneem word.

#### Personeelgeriewe

Ablusie-, aantrek- sowel as administratiewe en sekerheidsgeriewe sal ook benodig word. Die goedgekeurde geriewe sal hiervoor gebruik word. Waar moontlik sal werknemers uit omliggende gemeenskappe gewerf word. Beperkte behuisingsgeriewe word dus voorgestel. 'n Tydelike konstruksiekamp word beplan vir

gebruik tydens die konstruksiefase. Kudumane is besig om 'n paar huise in Hotazel te bou.

### AFVAL

Die vergruising- en siftingsprosesse sal flodder genereer waarvan in 'n voorgestelde uitskot-bergingfasiliteit mee weggedoen sal word. Afvalrots as gevolg van skaggraving, die oop groef en toegang tot die ertsliggaam sal op die terrein opgestapel en/of vir konstruksie gebruik word. Bourommel, algemene en gevaarlike afval (bv. gebruikte smeermiddels) sal tydelik op die terrein geberg word totdat daar mee weggedoen word by geskikte gelisensieerde aanlegte. Riool sal by behandelingsaanlegte op die terrein behandel word.

### MOTIVERING VIR DIE VOORGESTELDE PROJEK

Kudumane sal verskeie grade en groottes mangaanprodukte produseer om aan die vraag in die mark te voldoen. Die verwagte markpryse oor die medium- en langtermyn word gunstig geag vir projekontwikkeling. Voorts sal die projek bykomende regstreekse werksgeleenthede skep en 'n positiewe impak op beide onregstreekse besighede en werkskepping hê.

### ALTERNATIEWE WAT OORWEEG WORD

Die proses van die oorweging van alternatiewe sal deel vorm van die bestekopnamefase van die omgewingsevalueringsproses. Meer inligting sal by die bestekopnamevergaderings verskaf word.

### BEPLANDE TYDSBEREKENING VAN DIE PROJEK

Indien die projek goedgekeur word, sal mynbou naby die einde van 2014 'n aanvang neem. Op grond van huidige beplanning is die lewensduur van die myn (LOM) tussen 15 en 20 jaar.

## OMGEWINGSEVALUERINGSPROSES

Die omgewingsevalueringsproses:

- bied inligting oor die voorgestelde projek en die omgewing waarin dit onderneem word;
- identifiseer, in oorleg met belangstellende en/of geaffekteerde partye (B&GP's), die potensiele negatiewe en positiewe impakte van die voorgestelde projek; en
- doen verslag oor bestuursmaatreëls wat benodig word om negatiewe impakte tot 'n aanvaarbare vlak te versag en om positiewe impakte te handhaaf en te verbeter.

B&GP's en ander belanghebbendes sal minstens twee weke vooraf kennisgewing van vergaderings en verslagoorsigtydperke ontvang.

### STAPPE IN DIE EVALUERINGSPROSES

#### FASE 1 - Omgewingsaansoek (November 2013 - Desember 2013)

- Dien aansoek in by DMH (MPRDA) en DENC (NEMA) en DO (NEM:WA)
- Besprekings met vernaamste reguleringsowerhede, indien benodig sal 'n bestekopnamevergadering met reguleringsowerhede gereël word
- Hou terreinbesoeke en begin met basislynstudies en identifiseer potensiele impakte

#### FASE II - Bestekopname (November 2013- Maart 2014)

- Verwittig alle reguleringsowerhede en B&GP's van die voorgestelde projek (deur regstreekse raadpleging, koerantadvertensies, terreinkennisgewings, hierdie dokument)
- Reël 'n openbare bestekopnamevergadering
- Omskryf uitstaande kwessies en beperking van studie ten einde potensiele omgewingsimpakte aan te spreek
- Stel bestekopnameverslag saam en maak dit beskikbaar vir kommentaar deur B&GP's, die DMH en ander reguleringsowerhede
- Win B&GP's se kommentaar in en stuur dit aan die reguleringsowerhede
- Begin met spesialisondersoeke

#### FASE III - OIE/OBP (Februarie 2014 - September 2014)

- Evalueer impakte van voorgestelde projek en stel OIE-/OBP-verslag saam
- Stel dit aan B&GP's, DMH en ander reguleringsowerhede beskikbaar vir oorsig
- Win B&GP kommentaar in en stuur dit aan reguleringsowerhede

#### REKORD VAN BESLUIT (rondom Januarie 2015)

- Sirkuleer kennisgewing van rekord van besluit aan B&GP's (met ontvangs vanaf DMH en DENC)

### PARTYE BETROKKE BY DIE EVALUERINGSPROSES

#### PROJEKVOORSTELLER

- Kudumane Manganese Resources (Edms.) Bpk.

#### PROJEKSPAN:

- SLR
- Mynontwerp- en beplanningspan
- Spesialiskonsultante

#### B&GP's

- Omliggende grondeienaars-/gebruikers
- Omliggende gemeenskappe
- Omliggende nywerhede
- Nie-regeringsorganisasies en verenigings in die gebied

#### REGULERINGSOWERHEDE

- Departement van Minerale Hulpbronne (DMH)
- Departement van Omgewingsake en Natuurbewaring (DENC)
- Departement van Waterwese (DW)
- Suid-Afrikaanse Erfenishulpbronnagentskap (SAHRA)
- Departement van Grondsake (DG)
- Departement van Omgewingsake (DO)
- John Taolo Gaetsene Distriksmunisipaliteit
- Joe Morolong Plaaslike Munisipaliteit

### OMGEWINGSTOESTEMMINGS WAT BEKOM MOET WORD

- Omgewingsmagtigting (DENC)
- Mynreg en besluit oor OBP (DMH)
- Watergebruiklisensie (DW)
- Paleontologiese permit (SAHRA) (indien van toepassing)
- Afvallisensie (DO) (indien van toepassing)
- Permit vir die verwydering van beskermde plantspesies (DAFF) (indien van toepassing)

#### Primêre omgewingstoestemmings wat vir die projek vereis word:

- OIE/OBP kommentaar en goedkeuring (ingevolge MPRDA & NEMA)
- Watergebruiklisensie (NWA)
- Afvallisensie (NEM: WA)
- Lugemissie-lisensie (NEM:AQA)

## POTENSIËLE OMGEWINGSVRAAGSTUKKE

Die lys hieronder is gegrond op vraagstukke wat normaalweg met projekte van hierdie aard gepaard gaan, asook vraagstukke wat deur verskeie B&GP's geopper is tydens vorige omgewingsevalueringe in die streek. Enige bykomende vraagstukke wat deur B&GP's geopper word tydens die voorgestelde bestekopnamefase, sal by die lys gevoeg word.

POTENSIËLE VRAAGSTUKKE		VOORGESTELDE STUDIESPAN
<b>GEOLOGIE</b>	<ul style="list-style-type: none"> <li>▪ Verlies aan mineraalhulpbronne</li> </ul>	Kudumane & SLR
<b>GROND EN GRONDGEBRUIK</b>	<ul style="list-style-type: none"> <li>▪ Verlies aan grondhulpbronne</li> <li>▪ Veranderinge aan grondvermoë</li> </ul>	LNR - Instituut vir Grond, Klimaat & Water
<b>BIODIVERSITEIT</b>	<ul style="list-style-type: none"> <li>▪ Verlies aan habitat</li> <li>▪ Algemene versteuring van wilde diere</li> </ul>	Ecological Management Services
<b>LUGGEHALTE</b>	<ul style="list-style-type: none"> <li>▪ Stof en lugemissies</li> </ul>	SLR
<b>OPPERVLAKWATER</b>	<ul style="list-style-type: none"> <li>▪ Veranderinge aan dreineringspatrone</li> <li>▪ Oppervlaktwaterbesoedeling</li> </ul>	SLR
<b>GRONDWATER</b>	<ul style="list-style-type: none"> <li>▪ Verlaging van watertafel</li> <li>▪ Besoedeling van grondwater</li> </ul>	SLR
<b>SPRINGWERK</b>	<ul style="list-style-type: none"> <li>▪ Impakte wat verband hou met grondvibrasies</li> </ul>	SLR
<b>VERKEER</b>	<ul style="list-style-type: none"> <li>▪ Impakte op diensvlakke van paaie</li> <li>▪ Impakte op ander padgebruikers</li> </ul>	Siyazi Gauteng
<b>GERAAS</b>	<ul style="list-style-type: none"> <li>▪ Algemene geraasbesoedeling</li> </ul>	SLR
<b>VISUEEL</b>	<ul style="list-style-type: none"> <li>▪ Veranderinge aan die visuele landskap</li> </ul>	SLR
<b>ERFENIS</b>	<ul style="list-style-type: none"> <li>▪ Verlies aan erfenishulpbronne</li> </ul>	Professional Grave Solutions (Erfernis)
<b>PALEONTOLOGIE</b>	<ul style="list-style-type: none"> <li>▪ Verlies aan fossielbrandstowwe</li> </ul>	GSPD Consulting
<b>SOSIO-EKONOMIES</b>	<ul style="list-style-type: none"> <li>▪ Belegging in plaaslike en streekse ekonomie</li> <li>▪ Indiensnemingsgeleenthede en invloed van werksoekers</li> <li>▪ Impak op die leefstyl en dienste van omliggende gemeenskappe</li> <li>▪ Ontleding van grondgebruik</li> </ul>	Equispectives Research and Consulting Services en Strategy4Good





## Caitlin Hird

---

**From:** Caitlin Pringle  
**Sent:** 06 November 2013 01:33 PM  
**Cc:** Suan Mulder  
**Subject:** Kudumane EIA/EMP Amendment: Public Scoping Meeting 26th Nov 2013  
**Attachments:** Kudumane Public Scoping Meeting-IAPs invitation.pdf; Kudumane BID (English).pdf; Kudumane BID (Afrikaans).pdf

Dear Sir/Madam

**KUDUMANE MANGANESE RESOURCES (PTY) LTD  
ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND  
ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED  
INFRASTRUCTURE AND MINING AREAS AT KUDUMANE**

Kudumane Manganese Resources (Pty) Ltd (Kudumane) proposes to submit a new mining right application in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002 to include additional mining areas to its existing mining rights area. Kudumane will therefore submit a mining right application in term of Section 22 of the MPRDA. In this regard, Kudumane is proposing to amend its approved Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) to incorporate the additional mining rights areas and to add additional infrastructure to its existing mining rights area.

As part of the environmental assessment process, you have been identified as a key stakeholder in the project's process who may be interested in hearing more about the proposed project and to provide input into the environmental assessment process.

In this regard kindly see attached meeting invitation for the Scoping Meeting which is to be held on the 26<sup>th</sup> November as well as Background Information Document (BID) for the proposed project.

Please do not hesitate to contact me should you wish to discuss the attached.

Kind Regards,

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

Email: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)  
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Fax: +27 11 467 0978

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

## Caitlin Hird

---

**From:** Caitlin Pringle  
**Sent:** 04 November 2013 01:31 PM  
**To:** 'Marlaine Andersen'  
**Cc:** Suan Mulder  
**Subject:** RE: Kudumane Managese Mine : Hotazel  
**Attachments:** Kudumane BID (English).pdf; Kudumane Public Scoping Meeting-IAPs invitation.pdf

Good afternoon Marlaine,

Thank you for being in contact with me. I have added your details to our database and you will receive any project related correspondence which we send to IAPs going forward.

As requested, kindly find attached the BID for the proposed project as well as the meeting invitation for the public scoping meeting scheduled for the 26<sup>th</sup> November. I will be sending the BID and meeting invitation to all stakeholders on our database, however should you know of anyone in particular whom you feel should be included please do let me know.

Please do not hesitate to contact me should you wish to discuss anything further.

Thanks

---

**From:** Marlaine Andersen [<mailto:MarlaineA@L2B.co.za>]  
**Sent:** 04 November 2013 12:41 PM  
**To:** Caitlin Pringle  
**Subject:** Kudumane Managese Mine : Hotazel

Dear Ms Pringle

I am just emailing you with regard to the above proposed mining project that is undergoing an EIA amendment. Please could you register me as an Interested Party and also if you have a Background Information Document, please could you email me a copy?

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

'Affiliates of CESA and ASAQs'

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## Caitlin Hird

---

**From:** Caitlin Pringle  
**Sent:** 11 November 2013 12:01 PM  
**To:** 'Peta, Dineo (BSA - Manganese SA Asset)'  
**Cc:** Suan Mulder; 'Babra Mudzanapabwe'  
**Subject:** RE: Hotazel  
**Attachments:** Kudumane Public Scoping Meeting-IAPs invitation.pdf; Kudumane BID (English).pdf

Good afternoon Dineo

As promised, please find attached meeting invitation as well as background information document (BID).

Please don't hesitate to contact me should anything be unclear.

Thanks

---

**From:** Peta, Dineo (BSA - Manganese SA Asset) [mailto:Dineo.Peta@bhpbilliton.com]  
**Sent:** 11 November 2013 11:06 AM  
**To:** Caitlin Pringle; Babra Mudzanapabwe  
**Cc:** Suan Mulder; Sechaba Letaba; John Rutiri  
**Subject:** RE: Hotazel

Morning Caitlin,

Thank you for that.

Kind regards



**Dineo Peta**  
Team Lead: Mineral Rights

6 Hollard Street, Johannesburg  
T: +27 11 376 2627 C: +27 82 082 5529 F: +27 11 376 2323  
E: [dineo.peta@bhpbilliton.com](mailto:dineo.peta@bhpbilliton.com) W: [www.bhpbilliton.com](http://www.bhpbilliton.com)

---

**From:** Caitlin Pringle [mailto:cpringle@slrconsulting.com]  
**Sent:** 11 November 2013 11:04 AM  
**To:** Babra Mudzanapabwe; Peta, Dineo (BSA - Manganese SA Asset)  
**Cc:** Suan Mulder; Sechaba Letaba; John Rutiri  
**Subject:** RE: Hotazel

Good morning Dineo

I have added you to our database and will include you in further correspondence with IAPs going forward.

I will send you the formal meeting invitation later today.

Thanks

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

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

Mobile: +27 84 491 1987

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SLR Africa (Block 7)  
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Registered Office: Unit 2 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2055, Gauteng, South Africa

---

**From:** Babra Mudzanapabwe [<mailto:Babra.Mudzanapabwe@kmr.co.za>]  
**Sent:** 11 November 2013 10:36 AM  
**To:** Peta, Dineo (BSA - Manganese SA Asset)  
**Cc:** Suan Mulder; Caitlin Pringle; Sechaba Letaba; John Rutiri  
**Subject:** RE: Hotazel

Dear Dineo,

Please note that we are still in the process of the EIA. The EIA has not been concluded. We have our first public meeting on the 26<sup>th</sup> November 2013. I have copied Suan Mulder & Caitlin Pringle to our communication, and they will ensure that you are invited to the Public Meeting.

In the mean-time, if there are any issues you would like to discuss now, please feel free to raise the issues so as to start the conversation.

**Suan, Caitlin,**

Please ensure that Dineo Peta is added to our IAPs database and all correspondence be forwarded to them.

Thank you,

Babra Mudzanapabwe  
**Safety & Sustainable Development Manager**  
Kudumane Manganese Resources  
Cell: +27 83 3047659  
E-mail: [babra.mudzanapabwe@kmr.co.za](mailto:babra.mudzanapabwe@kmr.co.za)

---

**From:** Peta, Dineo (BSA - Manganese SA Asset) [<mailto:Dineo.Peta@bhpbilliton.com>]  
**Sent:** 11 November 2013 10:16 AM  
**To:** Babra Mudzanapabwe  
**Cc:** Netshipale, Mashudu (BSA - Manganese SA Asset)  
**Subject:** RE: Hotazel

Morning Babra,

The correspondence below refers.

I note from Sechaba's email that he is expecting the EIA in March which means that the sections 10 and 22 consultations have already taken place. We were not invited to the consultation meeting and have a number of issues that we would like to raise and discuss with yourselves.

Please advise how we can go about addressing this.

I look forward to hearing from you in this regard.

Kind regards



**Dineo Peta**  
Team Lead: Mineral Rights

6 Hollard Street, Johannesburg  
T: +27 11 376 2627 C: +27 82 082 5529 F: +27 11 376 2323  
E: [dineo.peta@bhpbilliton.com](mailto:dineo.peta@bhpbilliton.com) W: [www.bhpbilliton.com](http://www.bhpbilliton.com)

---

**From:** Sechaba Letaba [<mailto:Sechaba.Letaba@kmr.co.za>]  
**Sent:** 08 November 2013 03:11 PM  
**To:** Moodley, Ravi (BSA - Manganese SA Asset)  
**Cc:** Babra Mudzanapabwe; John Rutiri; Paschal Masha; Netshipale, Mashudu (BSA - Manganese SA Asset); Peta,

Dineo (BSA - Manganese SA Asset)

**Subject:** Re: Hotazel

Dear Ravi,

Thank you very much for this quick response. I will await their call

Regards

Sent from Samsung Mobile

----- Original message -----

**From:** "Moodley, Ravi (BSA - Manganese SA Asset)"

**Date:**08/11/2013 13:25 (GMT+02:00)

**To:** Sechaba Letaba

**Cc:** Babra Mudzanapabwe ,John Rutiri ,Paschal Masha , "Netshipale, Mashudu (BSA - Manganese SA Asset)" , "Peta, Dineo (BSA - Manganese SA Asset)"

**Subject:** RE: Hotazel

Hi Sechaba

We have also had a change in portfolios. David has left Manganese to run with a CEO role in a state owned mining company. He's done very well and we are very proud of him. Mashudu has recently joined us and has assumed David's portfolio. He is supported by Dineo Peta, our lawyer on land rights. Both of my colleagues are copied in this e-mail. Mashudu is the Head of Resource Planning and Development and will contact you as soon as possible regarding these matters.

Take care, see you soon

Ravi

**Ravi Moodley**

**Asset President**

**BHP Billiton**

**Manganese South Africa**

[ravi.moodley@bhpbilliton.com](mailto:ravi.moodley@bhpbilliton.com)

Mobile: +27 79 694 9572

Office: +27 11 376 2811

---

**From:** Sechaba Letaba [<mailto:Sechaba.Letaba@kmr.co.za>]

**Sent:** 08 November 2013 10:03 AM

**To:** Moodley, Ravi (BSA - Manganese SA Asset)

**Cc:** Babra Mudzanapabwe; John Rutiri; Paschal Masha

**Subject:** Hotazel

Dear Ravi,

Schalk started discussions some time back with you over the purchase of portion of Hotazel farm. I mentioned this the last time and you were going to follow up. I should get the EIA by March 2014 and mining should start later around September in the same year.

I do appreciate your busy schedule because mine is the same. Is there perhaps someone you can assign this task to and I will connect them to my people this side so that they can run with this. Since Schalk has left, we have since appointed a new General Manager by the name of John Rutiri. The person in my office who deals with all licenses and agreements is Babra Mudzanapabwe though copied in this email.

Attached please find remainder of portion 280 of farm Hotazel within parameters ABCD which we would like to purchase from your organisation.

Regards

*Sechaba Letaba*

**CEO – Kudumane Manganese Resources LTD**

Tel: +27 11 880 2771

Cell: +27 83 383 3510

Fax: +27 86 610 1258

[sechaba.letaba@kmr.co.za](mailto:sechaba.letaba@kmr.co.za)

[www.kmr.co.za](http://www.kmr.co.za)

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Frederick Eduard Jacobs  
PO Box 31  
Hotazel  
8490

M Segwai  
Private Bag X 117  
Mothibistad  
8460

Jacobus Johannes Francois  
Theart  
PO Box 234  
Hotazel  
8490

Louw Pretorius Van der Walt  
PO Box 336  
Hotazel  
8490

Carolina Margaretha Noeth  
PO Box 169  
Santoy  
8491

JH and EJ Van Wyk  
Posbus 103  
Danielskuil  
8405

Hendrick Venter  
P O Box 8  
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Pieter Johannes Swanepoel  
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4709787- \*\*\*\*\*

## Caitlin Hird

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**From:** Caitlin Pringle  
**Sent:** 06 November 2013 01:48 PM  
**Cc:** Suan Mulder  
**Subject:** Kudumane EIA/EMP Amendment: Regulatory Authorities Scoping Meeting: 26th November 2013  
**Attachments:** Kudumane Authorities Scoping Meeting Invitation.pdf; Kudumane BID (English).pdf; Kudumane BID (Afrikaans).pdf

Dear Regulatory Authority

**KUDUMANE MANGANESE RESOURCES (PTY) LTD**  
**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED INFRASTRUCTURE AND MINING AREAS AT KUDUMANE**

Kudumane Manganese Resources (Pty) Ltd (Kudumane) proposes to submit a new mining right application in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002 to include additional mining areas to its existing mining rights area. Kudumane will therefore submit a mining right application in term of Section 22 of the MPRDA. In this regard, Kudumane is proposing to amend its approved Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) to incorporate the additional mining rights areas and to add additional infrastructure to its existing mining rights area.

As part of the environmental assessment process, your Department has been identified as a key stakeholder in the project's process who may be interested in hearing more about the proposed project and to provide input into the environmental assessment process.

In this regard kindly see attached meeting invitation for the Scoping Meeting which is to be held on the 26<sup>th</sup> November as well as Background Information Document (BID) for the proposed project.

Please do not hesitate to contact me should you wish to discuss the attached.

Kind Regards,

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

Email: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)  
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Fourways Manor Office Park



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

## Caitlin Hird

---

**From:** Caitlin Pringle  
**Sent:** 19 November 2013 07:47 AM  
**To:** 'FleurD@dwa.gov.za'; 'makungoE@dwa.gov.za'  
**Subject:** Kudumane EIA/EMP Amendment: Regulatory Authorities Scoping Meeting: 26th November 2013  
**Attachments:** Kudumane Authorities Scoping Meeting Invitation.pdf; Kudumane BID (English).pdf; Kudumane BID (Afrikaans).pdf

Dear Dawn and Ester

**KUDUMANE MANGANESE RESOURCES (PTY) LTD  
ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND  
ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED  
INFRASTRUCTURE AND MINING AREAS AT KUDUMANE**

Kudumane Manganese Resources (Pty) Ltd (Kudumane) proposes to submit a new mining right application in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002 to include additional mining areas to its existing mining rights area. Kudumane will therefore submit a mining right application in term of Section 22 of the MPRDA. In this regard, Kudumane is proposing to amend its approved Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) to incorporate the additional mining rights areas and to add additional infrastructure to its existing mining rights area.

As part of the environmental assessment process, your Department has been identified as a key stakeholder in the project's process who may be interested in hearing more about the proposed project and to provide input into the environmental assessment process.

In this regard kindly see attached meeting invitation for the Scoping Meeting which is to be held on the 26<sup>th</sup> November as well as Background Information Document (BID) for the proposed project.

Please do not hesitate to contact me should you wish to discuss the attached.

Kind Regards,

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

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South Africa



## KUDUMANE MANGANESE RESOURCES

### MINUTES OF SCOPING MEETING FOR IAPS

DATE	15h30, 26 November 2013
VENUE:	Hotazel Recreation Centre
PROJECT:	Kudumane EIA/EMP Amendment
SLR COMPANY:	SLR Consulting (Africa)
PROJECT NUMBER:	710.14003.00006
PURPOSE:	The purpose of the meeting was to: <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>
ATTENDANCE:	An attendance register is presented in APPENDIX 1.

#### 1. OPEN AND INTRODUCTION

Caitlin Pringle (CP) from SLR Consulting (Africa) (Pty) Ltd (SLR) opened the meeting and welcomed delegates. Also present from SLR was Suan Mulder (SM). Present from Kudumane was Tshifhiwa Nemakhavhani. CP explained that the presentation would be given in English but concerns and issues could be raised in both English and Afrikaans and would be responded to in Afrikaans if required. CP explained that the BID had been updated since the first round of distribution and all IAPs were provided with a copy of the revised BID as well as the meeting presentation.

#### 2. APOLOGIES

None. It should be noted that no authorities attended the authorities meeting which was held at 12h00 on this day. In this regard only meeting minutes of the **public** scoping have been recorded.

#### 3. PRESENTATION

Using a Powerpoint presentation, CP detailed the proposed project and the environmental assessment process that is currently underway for the Kudumane Mine EIA/EMP Amendment. A copy of the presentation is attached in APPENDIX 2.

#### 4. DISCUSSION

A number of issues were raised by IAPs, in particular Mr Eben Anthonissen and Mr Gert Theart during the meeting. BHP Billiton also submitted comments by email prior to the meeting and Mr Thabo Manne who attended the meeting as representative of BHP Billiton, referred to the letter in his comments. For this reason, the contents of the letter from BHP Billiton have been recorded as part of the meeting's

proceedings. All issues raised 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**

CP outlined the way forward as follows:

- Distribute scoping report (approximately February 2014)
- Regulatory authority and public review (40 days)
- Specialist EIA investigations
- Distribute EIA and EMP report
- EIA/EMP feedback meetings
- 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

Distribution of complete reports

- Joe Morolong Local Municipality;
- John Taolo Gaetsewe District Municipality;
- Hotazel Public Library;
- Kathu 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.

## **6. CLOSE**

The meeting was closed by CP.

APPENDIX 1: ATTENDANCE REGISTER

Name and Surname	Interest in project	Postal address	Contact numbers	E-mail
Suan Mulder	SLR	P.O. Box 1596 Cramerview 2060	011 467 0945	<a href="mailto:smulder@slrconsulting.com">smulder@slrconsulting.com</a>
Caitlin Pringle				<a href="mailto:cpringle@slrconsulting.com">cpringle@slrconsulting.com</a>
Gert Theart	Landowner-Olivewood	P O Box 234 Hotazel 8490	082 456 2040	<a href="mailto:Gert.theart@vodamail.com">Gert.theart@vodamail.com</a>
Eben Anthonissen	Landowner-Perth (Mac Mac Agri Farmer's Association)	P O Box 117 Hotazel 8490	073 163 4665	<a href="mailto:ebenanthonissen@hotmail.com">ebenanthonissen@hotmail.com</a>
Thabo Manne	BHP Billiton		053 742 2296	<a href="mailto:Thabo.manne@bhpbilliton.com">Thabo.manne@bhpbilliton.com</a>
Tshifhiwa Nemakhavhani	KMR	P O Box 341 Hotazel 8490	079 437 9209	<a href="mailto:Tshifhiwa.nemakhavhani@kmr.co.za">Tshifhiwa.nemakhavhani@kmr.co.za</a>



## APPENDIX 2: PRESENTATION

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

ISSUE RAISED	NAME	RESPONSE GIVEN
<b>Technical/project related issues</b>		
<p>Given the close proximity between the Hotazel town and residential area, and the area over which Kudumane is applying for a mining right, a number of environmental concerns and impacts arise. In particular, there is noise, dust, and air pollution and further possible groundwater contamination. We require that these issues receive specific attention as it relates to the impacts on the Hotazel town.</p>	<p>Dineo Peta, comments on behalf of BHP Billiton, received by email on 26<sup>th</sup> November, 2013 and discussed during scoping meeting (raised by Mr Manne during the meeting)</p>	<p>At this stage it is not expected that the Kudumane mine will encroach further towards the town of Hotazel in a manner that should exacerbate the existing impacts to noise, air and groundwater pollution. Kudumane will continue to use the existing road close to Hotazel for access to the mine. Your concerns in this regard have been noted and will be further addressed in the EIA/EMP Phase.</p>
<p>The issue of domestic waste and litter, in particular along the Kudumane access roads, should also be brought to the mine's attention. The contractor's vehicles do not stick to the prescribed roads and routes and in addition to this they are not adequately maintained. Waste removal services are particularly bad. Kudumane must ensure that its contractors stick to prescribed roads and routes and should discuss with contractors that their vehicles should be adequately maintained.</p>	<p>Eben Anthonissen</p>	<p>Your concerns in this regard have been noted and will be further addressed in the EIA/EMP Phase.</p>
<p>The R3340 (Witleegde Road) is of concern to me. The sewage removal trucks dump sewage on the side of the road on several occasions. Can the mine provide some sort of guarantee that the contractors will only use formal routes and roads? Can the mine inspect/maintain the state of the roadsides to make sure that this is not a perpetual problem?</p>		
<p>I would like to suggest that a mining forum is established where mines and farmers can engage on a regular basis.</p>	<p>Gert Theart</p>	
<b>Groundwater and surface water issues</b>		
<p>I am concerned about the groundwater on the western boundary</p>	<p>Gert Theart</p>	<p>Your concern regarding the Kathu Grysland has been noted. The</p>

ISSUE RAISED	NAME	RESPONSE GIVEN
of Telele. There is an underground lake called the Kathu Grysland which flows from the Ga-Mogara. If Kudumane is proposing underground mining close to this water resource, the mine will be flooded and the water resource will be lost.		groundwater specialist team will be notified of this and this will be addressed further in the EIA/EMP phase.
I am concerned about the cumulative impact of yet another mine undertaking dewatering. What will Kudumane's contribution be and how will it continue to be monitored?	Eben Anthonissen	Your concerns in this regard have been noted and will be further addressed in the EIA/EMP Phase.
What will happen to the water after it has been dewatered?		
What will happen to the treated effluent from the sewage treatment plant?		
The Sedibeng pipeline is already at capacity? There are studies underway for a new pipeline but where will Kudumane get water from in the interim?		
There is water underneath the red clay layer underground. I am concerned that the underground mining and opencast operations will draw water from the Kathu Grysland water reserve. There will be no way of replenishing this.	Gert Theart	
I am concerned about the cumulative impact that mining will have on a regional scale. Will the Kalahari dyke be depleted?	Eben Anthonissen	
Will Kudumane drill monitoring boreholes? If so we would like to receive the monitoring data/reports of these boreholes from Kudumane.	Gert Theart	Kudumane will drill monitoring boreholes and is in the process for making arrangements for such. Reports/monitoring data will be made available to IAPs upon request.
<b>Blasting issues</b>		
When the mines blast, dust settles on the Ga-Mogara and it is almost unrecognisable. How is Kudumane going to make sure that there is no blasting damage? For example if a reservoir is damaged from blasting how is it possible to hold a particular mine accountable when there are so many mines blasting? Will blasting be monitored and will a seismograph be installed? We would also like to be notified of the mine's blasting schedule.	Eben Anthonissen	IAPs will be provided with a blast schedule upon request. A seismograph will also be installed.
<b>Socio-economic issues</b>		
There are fire protection unions which have been started and	Eben Anthonissen	Your concerns in this regard have been noted and will be further

ISSUE RAISED	NAME	RESPONSE GIVEN
<p>comprise various farmers associations. Farmers contribute in terms of labour and capital and fire-fighting equipment. We would like the mines to do the same. This includes the maintenance of fire breaks. It would be good to have a formal agreement with the mines, including Kudumane, in this regard.</p>		<p>addressed in the EIA/EMP Phase.</p>
<p>There is potential fire hazard associated with job seekers making fires on the side of the roads. Mines need to take responsibility for this even though they are the indirect reasons for these fires. How will Kudumane mitigate these risks?</p>		
<p>There is a continuous influx of people looking for work. Can Kudumane ensure the general public of their safety? How will this be done? There have been several incidents relating to security, this includes poaching.</p>	<p>Eben Anthonissen</p>	<p>Your concerns in this regard have been noted and will be further addressed in the EIA/EMP Phase.</p>
<p>Heritage issues</p>		
<p>Along the R3440 there is an old grave close to the existing mine entrance (approximately 500 m on the left hand side). It seems that the grave has already been damaged.</p>	<p>Eben Anthonissen</p>	<p>TN will be in contact with Mr Anthonissen so that the grave can be identified by the mine.</p>
<p>Land Use issues</p>		
<p>The farm Hotazel 280 incorporates the town of Hotazel. Hotazel Manganese Mines (Pty) Ltd ("HMM") is the landowner of the farm and further owns the majority of the property in town. Our concern pertaining to the proposed mining activity is that it is situated on the farm where current and proposed residential properties exist: In this regard, the following should be noted:</p> <ul style="list-style-type: none"> <li>• Hozazel is a formally proclaimed town of the Joe Morolong Local Municipality. The current population of Hotazel is conservatively over 2500 people, and it contains, among other infrastructure, two schools, a library, and sporting facilities.</li> <li>• Detailed studies have been conducted by HMM relating to the development of this land for residential and commercial purposes. The process of residential</li> </ul>	<p>Dineo Peta, comments on behalf of BHP Billiton, received by email on 26<sup>th</sup> November, 2013 and discussed during scoping meeting (raised by Mr Manne during the meeting)</p>	<p>Your concerns in this regard have been noted and will be further addressed in the EIA/EMP Phase.</p>

ISSUE RAISED	NAME	RESPONSE GIVEN
<p>development is currently underway in Hotazel, phase 1 was constructed between 2010 and 2012 and the development of phase 2 is currently in the process of planning. The conceptual design of phases 3 and 4 have been completed. These phases are necessary in order to ensure that the town of Hotazel expands in order to cater for housing requirements of employees from a number of mines in the area, as well as the further sustainable development and growth of the region. The town of Hotazel has been identified by government as a local node.</p> <p>It is understood that mining activities will be on the west boundary of the farm Hotazel 280. A large section to the west of the R380 has already been proclaimed as part of the town commonage of Hotazel, as well as having an EIA conducted thereon for future township development. The EIA was completed and approved in 2010. Phase 3 and 4 of the Hotazel town development occur up to this farm boundary.</p> <ul style="list-style-type: none"> <li>• HMM is further the owner of the property where the Hotazel airstrip is located and utilises this facility to fly in and out, employees and service providers on an almost daily basis. The proposed mining activities could also have a potential impact thereon.</li> </ul> <p>In light of the above, the proposed activities will have an impact on the further development of the township. Given these circumstances, we require further engagement so as to meet a mutually acceptable agreement in terms of how the mining activities and the township can proceed without interference to these respective priorities.</p>		





Project: Kudumane EIA/EMP Amendment Project

SLR Company: SLR Consulting (Africa) (Pty) Ltd

Date: 26 November 2013

Meeting: Hotazel Recreational Club – General Scoping Meeting



Name and Surname	Interest/ Designation/ Farm	Postal address	Contact numbers	E-mail
Suan Mulder	SLR	Po Box 1596 Cramerivier 2060	011 467 0945	s.mulder@slrconsulting.com
Caitlin Pringle	"	"	"	cpringle@slrconsulting.com
Gert FROAN THEART	landowner- OLIVENWOOD	Passus 234 Hotazel.	0814562040	gert.theart@vodkama1.co.za
Eben Aukhuysen.	Marc Mac Agnis / Pruthi.	Box 117 Hotazel 8490	073 163 4665	ebea@housseu@ hotmail.com
Thabo Manne	BHP Billiton	1 Hotel Pepelboom Avenue	053 742 2296	thabo.manne@bhpbilliton.com
Tshifhina Nemakhuhani.	Kudumane Mangrove Resources	P.O Box 341 Hotazel 8490	079 4379 209	tshifhina.nemakhuhani@kme.co.za



Environmental Impact Assessment for the proposed  
additional infrastructure and mining areas at  
Kudumane Manganese Resources (Pty) Ltd  
(Kudumane)

**Scoping Meeting**

26 November 2013

# Agenda

- Welcome and opening
- Overview of the proposed project
- Environmental process overview
- Overview of the existing status of the environment
- General discussion
- Close

## Meeting protocol

- Please switch cell phones off or onto a silent setting
- There will be a dedicated question and answer session
- Before asking a question, please raise your hand and state your name clearly so that we may correctly record it in the minutes
- This is a Scoping Meeting, and therefore the emphasis is on recording the questions and comments correctly, so that they may be addressed in the Scoping Report or Environmental Impact Assessment. We do not have all the answers at this stage.

# Overview of proposed project

- Kudumane currently operates the developing Kudumane Mine located on the farm York A 279, approximately 3 km from Hotazel
- Kudumane currently holds a mining right (NC 30/5/1/2/2/268 MR) from the DMR which covers RE and Portion 1 of the Farm Telele 312 and the RE and Portion 2 of the Farm York A 279
- Kudumane currently operates under a DENC approved EIA/EMP NC/KGA/JTG/HOT-KUR1/16/2009 and DMR approved Prospecting Right NC 30/5/1/1/2/034 PR.
- Kudumane is proposing to amend its approved EIA/EMP and submit a new mining right application to add additional mining areas to what has already been approved and to cater for additional planned infrastructure.
- The following is proposed:

## Existing Mining Rights Area

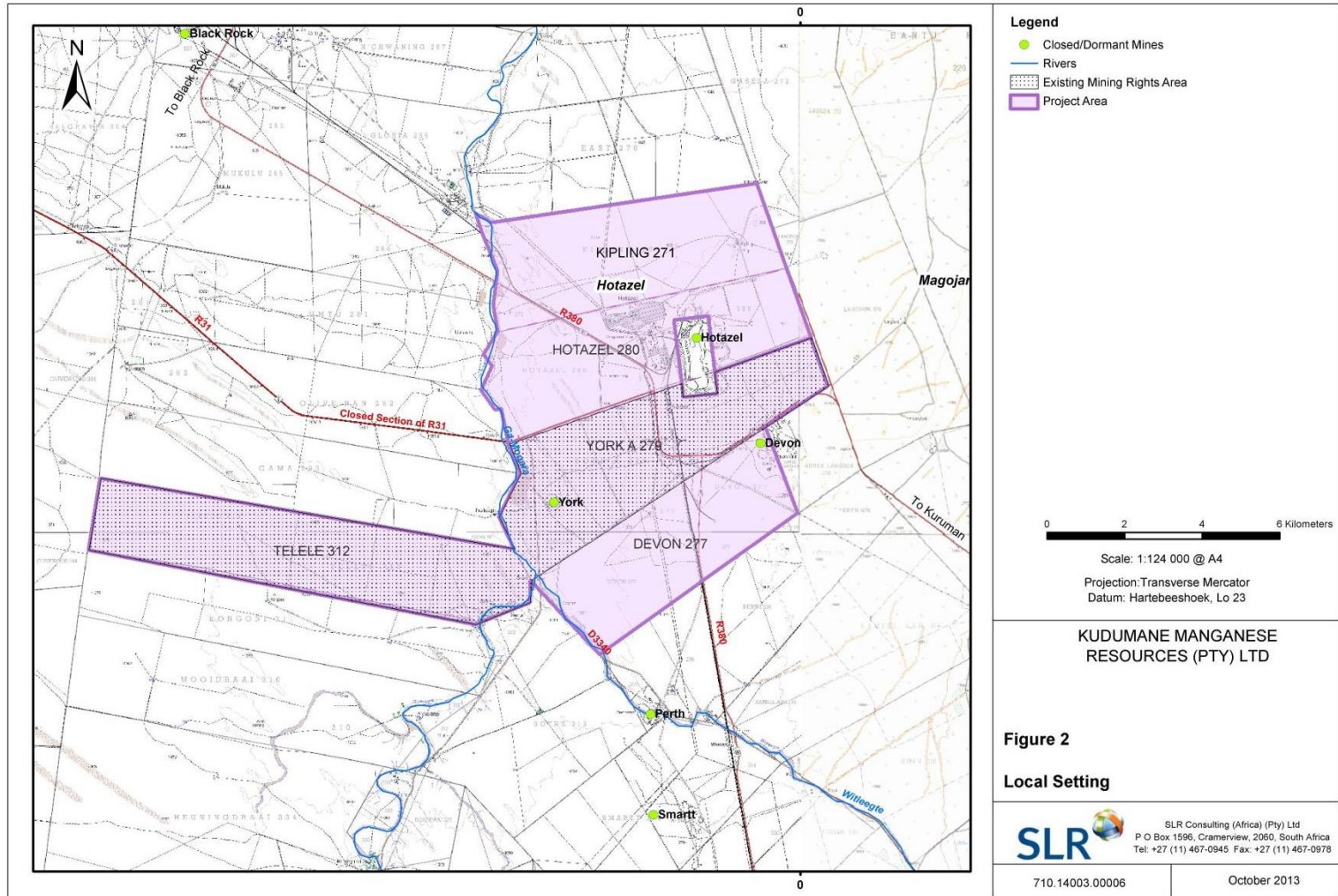
- Telele 312: Changes to surface infrastructure associated with underground mining
- York A 279: Additional infrastructure (sewage treatment plants, waste management complex etc.)

## Additional Mining Rights Area

- Hotazel 280 and Kipling 271: New opencast pit and associated infrastructure
- Devon 277: Tailings Storage Facility (TSF)



# Local setting of proposed project



# Environmental Process (1)

## What?

- Assessment of the potential impacts of the proposed project on the environment
- Environment definition (water, soils, air etc.)
- Implementing appropriate management measures

## Why?

- Legal requirement
- It is the right thing to do

# Environmental Process (2)

## How?

- Scoping phase
  - Identification and participation of IAPs (landowners, adjacent landowners, land users, NGO etc..)
  - Identification of potential impacts
  - Sets out potential impacts to be assessed further and how these investigations will be done
  - Compilation of scoping report
- Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) phase
  - Assessment of impacts of the proposed project on the environment
  - Identification of management measures
  - Compile EIA and EMP report

# Environmental Process (3)

## Permissions to be obtained:

- Environmental authorisation (DENC)
- Decision on Mining Right Application & EMP Amendment (DMR)
- Water use licence for new water uses (DWA)
- Waste licence for the expansion of the sewage plant (DEA)
- Air Emissions License for the expansion of the diesel storage facility (DENC)

## Local authorities

- Joe Morolong Local Municipality
- John Taolo Gaetsewe District Municipality

# Status of the existing environment

- Geology: Kudumane Mine is located in the Kalahari Basin which is a manganese hotazel iron formation.
- Climate: Northern Steppe Climatic Zone. Semi arid regions characterised by seasonal rainfall (386mm to 455mm) generally in form of thunderstorms. In general winds blow from the north and north-east.
- Topography: The mine is located in a relatively flat area with a gentle slope towards the west. The average elevation on site is 1040 metres above mean sea level (mamsl).
- Soils and land capability: Soils types are homogeneous in terms of texture, structure, and soil depth and consist of deep (>1.2m) sandy, red and yellow soils of the Hutton and Clovelly forms. Soils at the mine have a low cultivation potential due to the high infiltration rates associated with sandy soils.



# Status of the existing environment

- Land use: Land uses surrounding the mine include a combination of livestock grazing, game farming, mining, railway and sparsely situated residences.
- Animal life: Several bird and mammal species are likely to occur on site. These include, the Northern Black Korhaan, the Longbilled lark, the Grey hornbill, Chat Flycatcher, Steenbok, Duiker, Suricate, White-tailed Mongoose, Molerat, and ground squirrels. It should be noted that the animal life population in general has been disturbed due to the existing mining activities and pre-mining activities such as farming and prospecting.

# Status of the existing environment

- Plant life: The Kudumane Mine falls within the Kathu Bushveld and consists of three habitat/vegetation types. These habitat/vegetation types include the *Acacia haematoxylon Savannah*, *Mixed Acacia Savannah* and *Grewia Flava Scrub*.
- Surface water: The site is located in the Orange River Basin, in quaternary catchment D41K. The project area is located downstream of a large catchment area (approximately 8000 km<sup>2</sup>) which feeds the Ga-Mogara river. No perennial drainage lines are located within or near the project area. The ephemeral Ga-Mogara River as well as one of its tributaries, the ephemeral Witleegde River, are located along the western boundary of the opencast mining area, south of the project footprint. Due to the large catchment area of the Ga-Mogara River, when the river is in flood, flows can become considerable.

# Status of the existing environment

- Groundwater: Two aquifers are present beneath the mine, namely a shallow aquifer comprising Kalahari sands and calcrete and a deeper fractured aquifer comprising Dwyka clay and Moidraai dolomite formation. The average ground water level at the mine ranges from 19 m to 47m below ground level. Groundwater flows mimic the topography of the area.
- Air quality: Apart from the current Kudumane Mine activities, various activities in the area have potential to contribute to the emission of pollutants. These pollutants include: fugitive dust from veld fires, wind erosion from open areas, dust generated by dirt road travelling, agricultural activities, vehicle tailpipe emissions, emissions from neighbouring mines, household fuel combustion, and rail-related fuel combustion.

# Status of the existing environment

- Noise: The greater area is generally defined by rural features and is not subjected to elevated noise levels. Existing noise in the project area is mainly caused by surrounding farming activities, localised traffic, train movements, and mining operations.
- Visual: The Kudumane Mine is located within the flat open plains of the Kalahari. The site is rural in nature as it is sparsely populated with farmhouses scattered throughout the area. The existing mining operations (on site and adjacent to the site) and construction activities have somewhat already affected the sense of place and natural visual character of the area.
- Heritage/cultural & paleontological resources: No significant heritage resources or cultural materials have been found to occur at the Kudumane Mine.

# Status of the existing environment

- Socio-economic: Farm houses and farm worker residences are the closest settlements to the mine and are located within a 3km radius. There is a high level of unemployment with a dependency on subsistence agriculture, the public sector, seasonal workers and employment in the mining sector. Water provision and sanitation remains a challenge, mostly in the rural areas.



# Anticipated environmental aspects associated with the proposed project

- Loss and sterilisation of mineral resources (associated with the open pit, TSF and other infrastructure)
- Hazardous excavations and infrastructure
- Soil and land capability
- Biodiversity (Loss of Fauna and Flora)
- Surface water (Alternation of drainage patterns and pollution of surface water resources)
- Groundwater (Contamination of groundwater)
- Air (Contribute additional air pollution)
- Visual
- Heritage
- Land use
- Socio-economic (Positive and negative socio-economic impacts)

## Questions, Comments and Queries

# Way forward

Scoping Report public and authority review (February 2014)

- Summary (English/ Afrikaans): by post and e-mail
- Scoping report (English): at public venues
- Suggested venues:
  - Joe Morolong Local Municipality
  - John Taolo Gaetsewe District Municipality
  - Hotazel Public Library
  - Kathu Public Library
- Regulatory authorities and IAPs: 40 days to submit comments

Conduct specialist investigations and complete EIA

Stakeholder feedback meetings in EIA Phase and opportunity to review EIA/EMP report

**Close**

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(Company Name) **DENC.**  
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Suburb **Melrose Towers**  
City/Town **Kimberley** Code **8300**  
Contact **L. Pienaar** Tel **053 807 7430**  
E-mail

From: (Sender)  
(Company Name) **SLR**  
Street Address  
Suburb  
City/Town Code  
Contact **Caitlin** Tel **011 462 0915**  
E-mail

Insurance Yes No If yes, state value

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Signature: *[Signature]* Time: **11:36**

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VAT		
<b>TOTAL INCL. VAT</b>		

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Total No. of Parcels		Total Vol		Total Mass	
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PER E-MAIL: [mmathews@ncpg.gov.za](mailto:mmathews@ncpg.gov.za); [leonapienaar@ncpg.gov.za](mailto:leonapienaar@ncpg.gov.za) and  
FACSIMILE: 053 831 3530

30 January 2014

*DENC Reference Number: NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013*  
*DMR Reference Number: NC 30/6/1/2/2/268 MR*

**NORTHERN CAPE DEPARTMENT OF ENVIRONMENT AND NATURE CONSERVATION**  
90 LONG STREET  
SASKO BUILDING  
KIMBERLEY  
8300

**ATTENTION: MR MARVIN MATTHEWS**

**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ADDITIONAL PLANNED  
INFRASTRUCTURE AND MINING AREAS AT KUDUMANE**

Dear Marvin

The application for the additional planned infrastructure and mining areas at Kudumane was submitted to your department 10 April 2013 and made reference to the relevant requirements in terms of the National Environmental Management Act, 107 of 1998 (NEMA).

In a fax dated 15 April 2013, which SLR received from you, the applicant was provided with the DENC reference number given above.

Prior to the amendment to the listed NEM:WA activities as published in GN No, R.912 of 29 November 2013, a Waste License Application was to be submitted in order to cover the proposed waste activities which would be triggered on site. It should be noted that **no** waste licence application has been submitted to date. The amendment of the listed NEM:WA however, implies that some of the activities previously requiring a waste licence application, are no longer regarded as listed activities and as such need to be incorporated into the DENC application for environmental authorisation.

Details regarding the applicability of the waste activities, excluded from the DENC application dated 10 April 2013, as it was anticipated that a waste licence application would have been submitted to the DEA, , are outlined in the Table 1 below:

**TABLE 1: NEMWA ACTIVITIES IN TERMS OF GN R 718, 3 JULY 2009: NOW TO BE INCLUDED IN DENC APPLICATION OF APRIL 2013**

INDICATE THE NO. & DATE OF THE RELEVANT NOTICE:	ACTIVITY NUMBERS (AS LISTED IN THE WASTE MANAGEMENT ACTIVITY LIST) :		APPLICABLE LISTED ACTIVITY	AUTHORISATION REQUIRED
GN32368, 3 July 2009	Category A (2)	The storage including the temporary storage of hazardous waste at a facility that has the capacity to store in excess of 35 m <sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons.	This activity is longer regarded a listed activity in terms of category A or B of the GN No, R.912 of 29 November 2013. A waste licence in this regard is therefore no longer required .	None
GN32368, 3 July 2009	Category A (11)	The treatment of effluent, wastewater or sewage with an annual throughput capacity of more than 2 000 cubic metres but less than 15,000 cubic metres.	This activity is longer regarded a listed activity in terms of GN No, R.912 of 29 November 2013 Sewage treatment facilities now form part of the listed activities under NEMA as amended on the 29 <sup>th</sup> of November. 2013.  Kudumane is proposing to construct three sewage treatment plants.. The total throughput of the sewage plants will therefore be 7600m <sup>3</sup> annually.	NEMA (Activity 55A in terms of R922, November 2014)
GN32368, 3 July 2009	Category A (18)	The waste management area and sewage treatment plants will be constructed.	The construction of facilities for activities listed in Category A of this schedule (not in isolation to associated activity)  No category A activity will be constructed in terms of the updated 2013 NEM:WA regulations.	None
GN32368, 3 July 2009	Category B (5)	The treatment of hazardous waste using any form of treatment regardless of the size or	The treatment of hazardous waste using any form of treatment regardless of the size or capacity of such a	None

		capacity of such a facility to treat waste.	facility to treat waste.  Kudumane will undertake bio-remediation activities to treat oil contaminated soils. The new NEM:WA regulations introduced a trigger limit of 1 ton/day. Kudumane will treat less than 1 ton/day.	
<del>GN32368, 3</del> <del>July 2009</del>	Category B (11)	The construction of facilities for activities listed in Category B of this Schedule (not in isolation to associated activity).	No category B activity will be constructed in terms of the updated 2013 NEM:WA regulations.	None

The activities listed above which require an authorisation in terms of NEMA were not included in the April 2013 application.

Based on the information provided in this letter, including Table 1, we request that you review the application which was submitted to your Department in April 2013 in respect of the listed activities in terms of the National Environmental Management Act, 107 of 1998 (NEMA), specifically the inclusion of activity 55A in terms of R922, November 2013. As mentioned, the Scoping and EIA/EMP Amendment process will no longer be run in accordance with NEM:WA and as such will not be submitted to the DEA.

We look forward to your response. Should you have any queries in this regard, please feel free to contact us at any time.

Kind regards



Caitlin Pringle



Suan Mulder

*For SLR Consulting (Africa) (Pty) Ltd*

**CC: Mrs Babra Mudzanaphabwe** (Kudumane Manganese Mine)  
**Ms Tshifhiwa Nemakhakhani** (Kudumane Manganese Mine)



## Caitlin Hird

---

**From:** Caitlin Hird  
**Sent:** 31 January 2014 08:22 AM  
**To:** LeonaPienaar@ncpg.gov.za  
**Subject:** FW: NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013: Application amendment  
**Attachments:** 2014-01-29\_L DENC\_Kudumane\_SR\_Waste Activities-.pdf

Good morning Leona

I trust you are well and had a good and restful holiday.

Could you kindly confirm whether your department received the attached letter on 29<sup>th</sup> January.

I also tried to fax it to 053 831 3530 but it was unsuccessful. Could you please advise as to whether there is an alternative fax number I should try?

Many thanks

**Caitlin Hird**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

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

Mobile: +27 84 491 1987

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:** Caitlin Hird

**Sent:** 29 January 2014 02:44 PM

**To:** [mmathews@ncpg.gov.za](mailto:mmathews@ncpg.gov.za); [mmathewsdenc@gmail.com](mailto:mmathewsdenc@gmail.com)

**Cc:** [LeonaPienaar@ncpg.gov.za](mailto:LeonaPienaar@ncpg.gov.za); Suan Mulder; 'babra.mudzanapabwe@kmr.co.za'

**Subject:** NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013: Application amendment

**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ADDITIONAL PLANNED INFRASTRUCTURE AND MINING AREAS  
AT KUDUMANE**

**NC/EIA/05/JTG/HOT/KUD/2013/NCP/EIA/0000219/2013**

Dear Marvin

The application for the additional planned infrastructure and mining areas at Kudumane was submitted to your department 10 April 2013 and made reference to the relevant requirements in terms of the National Environmental Management Act, 107 of 1998 (NEMA). In a fax dated 15 April 2013, which SLR received from you, the applicant was provided with the DENC reference number given above.

Prior to the amendment to the listed NEM:WA activities as published in GN No, R.912 of 29 November 2013, a Waste License Application was to be submitted in order to cover the proposed waste activities which would be triggered on site. It should be noted that **no** waste licence application has been submitted to date. The amendment of the listed NEM:WA however, implies that some of the activities previously requiring a waste licence application, are no longer regarded as listed activities and as such need to be incorporated into the DENC application for environmental authorisation.

In this regard, kindly see attached letter.

Please do not hesitate to contact me should you have any queries.

Kind Regards,



MODE = MEMORY TRANSMISSION

START=18-MAR 09:15

END=18-MAR 09:17

FILE NO.=433

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001	OK		0866952646	005/005	00:01:33

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\*\*\*\*\* - \*\*\*\*\* 4709787- \*\*\*\*\*



SLR Project Reference: 710.14003.00005  
 DWA Reference: 27/2/2/D/1041/111/1 and 16/2/7/D4110/C4/1

14 March 2013

Department of Water Affairs: Northern Cape  
 28 Central Road  
 Beaconsfield  
 Kimberley  
 8301.

ATTENTION: ALEXIA HLENGHANI

Dear Alexia

**PROGRESS REPORT REGARDING APPLICATION FOR INTEGRATED WATER USE LICENCE AUTHORISATIONS (IWULA) IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998): KUDUMANE MANGANESE RESOURCES, QUARTERNARY CATCHMENT D41K, JOHN TAOLO GAETSEWE DISTRICT MUNICIPALITY: NORTHERN CAPE REGION**

**1. BACKGROUND**

As you are aware, SLR Consulting (Africa) (Pty) Ltd (SLR) submitted the following two water use licence applications on behalf of Kudumane Manganese Resources (Pty) Ltd (Kudumane):

- **Bulk Sample Water Use Licence** (DWA reference number- 27/2/2/D/1041/111/1)  
 The Water Use Licence Application for the Kudumane Bulk Sample was submitted on the 21st of May 2010. Additional information, as requested by the DWA, was submitted on 3 March 2011 and 10 May 2012.
- **Mining Operations Water Use Licence** (DWA reference number – 16/2/7/D4110/C4/1)  
 The Water Use Licence Application for the Kudumane Mining Operations was submitted on the 27th of February 2012. Additional information, as requested by the DWA, was submitted on 25 May 2012, 20 September 2012, 4 December 2012 and 26 February 2013.

On 15 October 2012, Michael Willson (SLR) and I met you and your colleagues to discuss these two water use licence applications and the need for additional information. The purpose of this letter is to confirm that the information you have received to date is to the satisfaction of the department and ascertain the way forward.

SLR Consulting (Africa) (Proprietary) Limited

www.slrc consulting.com

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2065  
 Postal address: PO Box 1596, Cramerville, 2060, South Africa  
 Reg. No.: 1998/005173/07 VAT No.: 4300145887

Fourways Office: Physical address: Unit 7 Fourways Manor Office Park, 1 Macbeth Ave, Fourways / Postal address: P O Box 1596, Cramerville, 2060 / T: +27 11 467 0945 / F: +27 11 467 0978  
 Pretoria Office: Physical address: Pentagon House, 669 Pietronberg Road, Faerie Glen, Pretoria / Postal address: P O Box 40164, Faerie Glen, 0043 / T: +27 12 991 8881 / F: +27 12 991 1907  
 Durban Office: Physical address: 190 Pharos House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 641, Westville, 3630 / T: +27 31 266 3083 / F: +27 86 600 5186



Directors: (Executive): A James, B Siobart, S Derman, S van Nickerk, (Non-Executive): A Sheppard, K Pieterse





SLR Project Reference: 710.14003.00005  
DWA Reference: 27/2/2/D/1041/111/1 and 16/2/7/D4110/C4/1

14 March 2013

Department of Water Affairs: Northern Cape  
28 Central Road  
Beaconsfield  
Kimberley  
8301

**ATTENTION: ALEXIA HLENGHANI**

Dear Alexia

**PROGRESS REPORT REGARDING APPLICATION FOR INTEGRATED WATER USE LICENSE AUTHORISATIONS (IWULA) IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998): KUDUMANE MANGANESE RESOURCES, QUARTERNARY CATCHMENT D41K, JOHN TAOLO GAETSEWE DISTRICT MUNICIPALITY: NORTHERN CAPE REGION**

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---

SLR Consulting (Africa) (Proprietary) Limited

[www.slrconsulting.com](http://www.slrconsulting.com)

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2055  
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Fourways Office: Physical address: Unit 7 Fourways Manor Office Park, 1 Macbeth Ave, Fourways / Postal address: P O Box 1596, Cramerville, 2060 / T: +27 11 467 0945 / F: +27 11 467 0978  
Pretoria Office: Physical address: Pentagon House, 669 Plettenberg Road, Faerie Glen, Pretoria / Postal address: P O Box 40161, Faerie Glen, 0043 / T: +27 12 991 8881 / F: +27 12 991 1907  
Durban Office: Physical address: 130 Pharos House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 641, Westville, 3630 / T: +27 31 266 3083 / F: +27 86 600 5186

**SABS**  
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Directors: (Executive): A James, B Stobart, S Dorman, S van Niekerk, (Non-Executive): A Sheppard, K Pietersen.

**CESA**  
Creating Progress, Making Sense



Unfortunately we have been unable to get hold of you telephonically to confirm the receipt of these documents.

### **3. CONCLUSION**

Based on our discussions of 15 October 2013, the following issues still need to be addressed towards finalising the Water Use Licence application in preparation for review by the Pretoria office:

- Sedibeng contract or commitment from Kudumane that the Sedibeng contract will be renewed to incorporate a long term agreement.
- Written commitment of where the sludge from the Lilliput system will go after the 2 or 3 year period (e.g. agreement from municipality for waste disposal).
- Groundwater assessment.

We also eagerly await feedback from your department regarding the status of the Bulk Sample water use application, DWA reference number- 27/2/2/D/1041/111/1, which is being addressed as part of the Letsema process in Pretoria.

More detail with regards to status of each of these issues is provided in Table 1, which is attached as appendix A to this letter. Please confirm whether you are in agreement with the outstanding information as listed in Table 1. Could you also please be so kind to provide us with a brief outline of the application process going forward?

Should you have any additional information requirements or would like to discuss any aspect of these two water use licence application, please contact either Caitlin Pringle or myself at the SLR Offices at the contact details provided.

Yours faithfully

**Suan Mulder**  
Project Manager

**Caitlin Pringle**  
Project Manager

**APPENDIX A:**

The following table briefly outlines the outstanding actions on the issues identified during our meeting on the 15<sup>th</sup> of October 2013.

**TABLE 1: OUTSTANDING ISSUES PERTAINING TO THE WATER USE LICENCE FOR KUDUMANE**

INFORMATION REQUIRED AND STATUS	PROGRESS	EXPECTED TIME OF COMPLETION
<p><b>BULK SAMPLE WATER USE LICENCE (DWA REFERENCE NUMBER- 27/2/2/D/1041/111/1)</b></p> <p>Status regarding the Bulk Sample water use application, DWA reference number- 27/2/2/D/1041/111/1, which is being addressed as part of the Letsema process in Pretoria.</p>	<p>Department of Water Affairs to indicate</p>	
<p><b>MINING OPERATIONS WATER USE LICENCE (DWA REFERENCE NUMBER – 16/2/7/D/4110/C/4/1)</b></p>		
<p>Copy of mining authorisation, including letters of approval of EMP and SLP.</p>	<p>Kudumane Manganese Resources (Pty) Ltd (Kudumane) submitted a mining right application to the Department of Mineral Resources for the remainder extent and portion 1 of the farm Telele 312 and the remainder extent and portion 2 of the farm York 276 which was accepted the DMR on the 25<sup>th</sup> of May 2010 (DMR reference number: (NC) 30/6/1/2/2/268 MR). In support of the mining rights application, Kudumane submitted the relevant documentation including the Social and Labour Plan and the Environmental Impact Assessment and Management Report (EIA/EMP Report).</p>	<p>Upon notarial execution of the mining right. Awaiting feedback from the Department of Mineral Resources.</p>
<p>Sedibeng contract or commitment from Kudumane that the Sedibeng contract will be renewed to incorporate a long term agreement. Written commitment of where the sludge from the Lilliput system will go after the 2 or 3 year</p>	<p>The EIA/EMP Report was submitted to the DMR on the 23<sup>rd</sup> of September 2010. This report was also submitted to Department of Environment and Nature Conservation (DENC). The reference number of this application is NC/KGA/JTG/HOT-KUR/16/2009 which issued a positive record of decision on the 13<sup>th</sup> of June 2011.</p> <p>The mining right has not yet been finalised. Only once the mining right is notarially executed, letter authorisation the SLP and EMP will be issued. Kudumane has recently requested a status report from the DMR with regards to the mining right application.</p> <p>Kudumane has a draft contract in place. A long term contractual agreement can only be negotiated once a mining right has been issued by the Department of Mineral Resources.</p>	<p>Upon finalisation of mining right.</p>
<p>Written commitment of where the sludge from the Lilliput system will go after the 2 or 3 year</p>	<p>SLR, on behalf of Kudumane will be initiating a formal negotiation process with the relevant local authority.</p>	<p>Mid April 2013.</p>

period (e.g. agreement from municipality for waste disposal).	SLR was appointed to undertake the groundwater study. Additional drilling work, which is required to inform the groundwater model will commence towards the end of March 2013. Once the drilling work has been completed, it will take another 2 months to complete the study.	End May 2013.
Groundwater assessment		



MODE = MEMORY TRANSMISSION START=22-MAY 09:54 END=22-MAY 10:02

FILE NO.=605

STN NO.	COMM.	ONE-TOUCH/ ABBR NO.	STATION NAME/TEL NO.	PAGES	DURATION
001	OK		0866952646	024/024	00:07:32

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SLR Project Reference: 710.14003.00005  
DWA Reference: 27/2/2/D/1041/111/1 and 16/2/7/D4110/C4/1

14 May 2013

Submitted via facsimile: 086-695-2646  
Submitted via e-mail: HlenganiA@dwa.gov.za

**Department of Water Affairs: Northern Cape**  
28 Central Road  
Beaconsfield  
Kimberley  
8301

**ATTENTION: ALEXIA HLENGANI**

Dear Alexia

**PROGRESS REPORT AND SUBMISSION OF INFORMATION REGARDING APPLICATION FOR INTEGRATED WATER USE LICENSE AUTHORISATIONS (IWULA) IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998): KUDUMANE MANGANESE RESOURCES, QUARTERNARY CATCHMENT D41K, JOHN TAOLO GAETSEWE DISTRICT MUNICIPALITY: NORTHERN CAPE REGION**

**1. BACKGROUND**

The following two water use licence applications were submitted by SLR Consulting (Africa) (Pty) Ltd (SLR) on behalf of Kudumane Manganese Resources (Pty) Ltd (Kudumane):

- **Bulk Sample Water Use Licence** (DWA reference number- 27/2/2/D/1041/111/1)  
The Water Use Licence Application for the Kudumane Bulk Sample was submitted on the 21st of May 2010. Additional information, as requested by the DWA, was submitted on 3 March 2011 and 10 May 2012.

Neither Kudumane or SLR has received any recent communication regarding this application, which is being addressed as part of the Letsema process in Pretoria.

SLR Consulting (Africa) (Proprietary) Limited

www.slrc consulting.com

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2055  
Postal address: PO Box 1596, Cramerville, 2060, South Africa  
Reg. No.: 1998/005179/07 VAT No.: 4500149887

Fourways Office: Physical address: Unit 7 Fourways Manor Office Park, 1 Macbeth Ave, Fourways / Postal address: P O Box 1596, Cramerville, 2060 / T: +27 11 467 0945 / F: +27 11 467 0978  
Pretoria Office: Physical address: Pentagon House, 669 Plettenberg Road, Faerie Glen, Pretoria / Postal address: P O Box 40163, Faerie Glen, 0043 / T: +27 12 991 8881 / F: +27 12 993 1907  
Durban Office: Physical address: 130 Pheas House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 641, Westville, 3630 / T: +27 31 266 3063 / F: +27 86 600 5186



Directors: [Executive]: A James, B Stobart, S Dorman, S van Niekerk, [Non-Executive]: A Sheppard, K Pleterssen.





SLR Project Reference: 710.14003.00005  
DWA Reference: 27/2/2/D/1041/111/1 and 16/2/7/D4110/C4/1

14 May 2013

Submitted via facsimile: 086-695-2646  
Submitted via e-mail: HlenganiA@dwa.gov.za

**Department of Water Affairs: Northern Cape**  
28 Central Road  
Beaconsfield  
Kimberley  
8301

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Dear Alexia

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SLR Consulting (Africa) (Proprietary) Limited

[www.slrconsulting.com](http://www.slrconsulting.com)

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2055  
Postal address: PO Box 1596, Cramerville, 2060, South Africa  
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Pretoria Office: Physical address: Pentagon House, 669 Plettenberg Road, Faerie Glen, Pretoria / Postal address: P O Box 40161, Faerie Glen, 0043 / T: +27 12 991 8881 / F: +27 12 991 1907  
Durban Office: Physical address: 130 Pharos House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 641, Westville, 3630 / T: +27 31 266 3083 / F: +27 86 600 5186

**SABS**  
ISO 9001

Directors: (Executive): A James, B Stobart, S Dorman, S van Niekerk, (Non-Executive): A Sheppard, K Pietersen.

**CESA**  
Consulting Engineers South Africa

- **Mining Operations Water Use Licence** (DWA reference number – 16/2/7/D4110/C4/1)

The Water Use Licence Application for the Kudumane Mining Operations was submitted on the 27th of February 2012. Additional information, as requested by the DWA, was submitted on 25 May 2012, 20 September 2012, 4 December 2012, 26 February 2013 and 25 March 2013.

Further to the written communication from SLR on the 25<sup>th</sup> of March 2013 and the telephonic conversation with SLR's Ms Caitlin Pringle last week, I would like to provide you with a brief update regarding the outstanding additional issues in support of the Water Use Licence Application for the mining operations.

In our letter to the DWA, dated the 25<sup>th</sup> March 2013, SLR indicated that the following issues still need to be addressed towards finalising the Water Use Licence application in preparation for review by the Pretoria office:

- Sedibeng contract or commitment from Kudumane that the Sedibeng contract will be renewed to incorporate a long term agreement.
- A written agreement for the disposal of the sludge from the Lilliput system.
- Copies of the mining authorisation, approved Environmental Management Programme (EMP) and Social and Labour Plan (SLP).
- Groundwater assessment.

## **2. STATUS UPDATE REGARDING OUTSTANDING ISSUES**

### **2.1. SEDIBENG CONTRACT**

A contractual agreement between Sedibeng Water and Kudumane for the supply of bulk water was finalised on the 25th of April 2013. A copy of this agreement is attached as Appendix A to this letter.

### **2.2. DISPOSAL OF THE SLUDGE**

Kudumane is in the process of engaging with a local service provider for the collection and safe disposal of the sewage sludge which will be generated from the Lilliput system. Once this agreement is concluded, a copy will be submitted to the DWA.

### **2.3. MINING AUTHORISATION, EMP AND SLP**

The mining right for the remainder extent and portion 1 of the farm Telele 312 and the remainder extent and portion 2 of the farm York 276 (DMR reference number: (NC) 30/6/1/2/2/268 MR) was recently granted to Kudumane by the Department of Mineral Resources on the 26<sup>th</sup> of April 2013. The letter from the DMR granting the mining right is attached as Appendix B.

Kudumane, together with the DMR, is in the process of arranging for the notarial execution of the mining right. On the date of the execution, the EMP and SLP documents will also be signed off. SLR will submit copies of these documents to the DWA shortly after the execution date.

#### **2.4. GROUNDWATER ASSESSMENT**

Kudumane has appointed SLR Consulting (South Africa) to undertake a detailed groundwater assessment, which will include the drilling of additional geohydrological boreholes to assess shallow and deep aquifers in the project area. A copy of the action plan is included as Appendix C. The hydrocensus study will commence during the week of the 20<sup>th</sup> of May 2013. Once the study has been concluded, a final report will be submitted to the Department.

#### **3. CONCLUSION**

Your assistance in this regard is highly appreciated. Should you have any additional information requirements or would like to discuss any aspect of the water use licence applications, please contact either Caitlin Pringle or myself at the SLR Offices at the contact details provided.

Yours faithfully



**Suan Mulder**  
Project Manager

**Caitlin Pringle**  
Project Assistant

**APPENDIX A: SEDIBENG WATER CONTRACT**



**Sedibeng  
WATER**

**AGREEMENT**

**ENTERED INTO BY AND BETWEEN**

**SEDIBENG WATER**

herein represented by

**REMBULUWANI TRADEWIN TAKALANI**

in his capacity as

**ACTING CHIEF EXECUTIVE**

and

**KUDUMANE MANGANESE RESOURCES**  
(Registration number: 2008/025568/07)  
herein represented by

**DR. SCHALK WILLEM VAN DER MERWE**

in his capacity as

**MINE MANAGER**

duly authorised by resolution of the mine  
(hereinafter referred to as "the Consumer")

*Handwritten signatures and initials, including 'NSA' and 'SW'.*



WHEREAS Sedibeng Water and the Consumer ("the Parties") recognise that the Consumer has the authority to extract and use water; and

WHEREAS the Parties are desirous of working towards the object of Sedibeng Water providing water supply services to the Consumer in an efficient, equitable and sustainable manner; and

WHEREAS Sedibeng Water has the capacity to provide bulk water supply services to the Consumer and is willing to provide such services to the Consumer; and

WHEREAS the Consumer is willing to purchase water supply services from Sedibeng Water.

NOW THEREFORE the Parties agree as follows:

## 1. Definitions

"the Act" means the Water Services Act, 1997 (Act No. 108 of 1997);

"bulk water supply service" means the extraction, conveyance, treatment or supply of potable water, or of water intended to be converted to potable water, to identified points for onward distribution or sale by the Consumer to its consumers;

"Sedibeng Water" means Sedibeng Water Board and includes its delegated or authorised employees, agents and assigns.

"Consumer" means **KUDUMANE MANGANESE RESOURCES** (Registration number: **2008/025568/07**) and includes its delegated or authorised employees, agents and assigns.

## 2. DURATION OF THE AGREEMENT

This agreement will come into full force and effect on 1 September 2012 ("the effective date"), irrespective of the date of signature hereof, and shall continue for a period of 3 (three) years ("the Initial Period") whereafter the Consumer shall be entitled to renew this agreement on the same terms and conditions as herein contained, for further periods of 1 (one) year each ("the Renewal Periods") on 1 (one) months' notice furnished prior to the expiry of the Initial Period, or prior to the expiry of any Renewal Period, in the event that this agreement is renewed.

MA  
PAS  
SC

### 3. THE SCOPE OF THE AGREEMENT

The bulk water supply services will consist of the supply of potable bulk water by Sedibeng Water from the **VAAL GAMAGARA Water Supply Scheme**, to the Consumer at the take-off points as indicated in Annexure "A", subject to the provisions of this agreement.

### 4. QUANTITY OF SUPPLY.

The Consumer shall under normal conditions purchase a minimum quantity of water per month, as set out in Annexure "B", at the applicable tariff stipulated in Annexure "C".

4.1.1 The minimum quantity of water to be purchased by the Consumer will be reviewed two months before the end of June each year (which is the Sedibeng Water financial year end) and amended or adjusted if necessary by agreement between the parties. The annual review will take into consideration the basic water supply conditions as may be prescribed by the Minister of Water and Environmental Affairs from time to time.

4.1.2 The quality of the water supplied to the Consumer shall at all times comply with all applicable laws and regulatory provisions.

### 5. WATER METERS

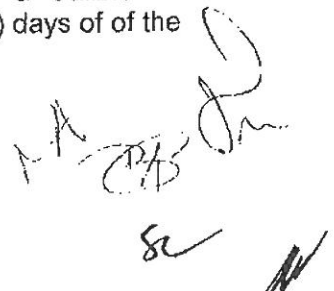
5.1 Sedibeng Water shall maintain an appropriate water meter at each point of supply. The Consumer shall have the right to install and maintain a second water meter at its own cost to verify the Sedibeng Water meter readings.

5.2 The type, size and capacity of the Sedibeng Water meters will be appropriate for the pipe size and flow at the relevant point of supply so as to ensure accurate readings.

5.3 Sedibeng Water will timeously advise the Consumer of the date on which the meters will be read each month and the Consumer will have the right to arrange for its representative to accompany the Sedibeng Water's meter reader so that each reading may be verified.

5.4 Sedibeng Water will conduct a functionality check of all meters at least once a month.

5.5 If a meter is found to be registering incorrectly, Sedibeng Water will install a water meter in good working order accompanied by a Calibration Certificate, without charge to the Consumer, within 7 (seven) days of the meter having been found to be registering incorrectly.

Handwritten signatures and initials in black ink, including what appears to be 'M.A.', 'C.P.B.', and 'S.C.'.

- 5.6 Unless it can be proved that a lesser or greater quantity of water has been consumed, the quantity of water to be paid for by the Consumer from the date of the previous reading of the meter prior to the date of discovery that the meter is failing to register correctly, up to the time of its repair or replacement, shall be reasonably determined on the basis of –
- 5.6.1 the average monthly quantity of water supplied during the 3 (three) months prior to the last correct registration; or, if this is not possible
- 5.6.2 the average monthly quantity of water supplied over a period of 3 (three) months after repair or replacement of the meter.
- 5.7 In the case of a second meter being installed, that reading will be used for the determination of consumption.

## 6. TARIFFS

Payment of water by the Consumer will be in terms of the tariff as set out in Annexure "C" and shall be levied monthly for the water actually supplied in the previous month. The tariff will be revised and adjusted by Sedibeng Water in accordance with the provisions of the MFMA (No. 56 of 2003), effective from July each year.

## 7 PAYMENT

- 7.1 Sedibeng Water, shall on or before the last business day of each calendar month, as from the effective date, furnish the Consumer with a written invoice indicating at least:
- 7.1.1 the period for which the invoice is rendered;
- 7.1.2 the quantity of water supplied during the period;
- 7.1.3 the total amount payable.
- 7.2 The Consumer shall pay the amount due by not later than 30 (thirty) days after the date of receipt by the Consumer of such invoice.

## 8. REPAIRS, MAINTENANCE, INTERRUPTION AND SUSPENSIONS

- 8.1 In the event of repairs, whether routine or emergency, every reasonable effort shall be made by Sedibeng Water to advise a senior official of the Consumer by telephone or email of the intended repairs and the extent of the likely impact on the supply of water.

- 8.2 In the event of general or routine maintenance, Sedibeng Water will give the Consumer at least 7 (seven) days' written notice regarding any part of the service which will be interrupted.
- 8.3 Should emergency conditions, of whatever nature and however arising, mean that Sedibeng Water cannot supply at least the minimum quantity and quality of water required, then the Parties will meet as soon as reasonably possible to agree on emergency measures to be taken.
- 8.4 During the period that the emergency conditions exist, the obligation of Sedibeng Water to supply the minimum quantity of water and the obligation of the Consumer to purchase the minimum quantity of water, will be suspended.

## 9. DISPUTE RESOLUTION

- 9.1 Any dispute or claim, which cannot be settled between the parties, will be referred to arbitration whereby a single arbitrator is to be mutually agreed upon, or failing agreement to be nominated by the Association of Arbitrators.
- 9.2 The arbitration shall be in accordance with the provisions of the Arbitration Act of 1965 as amended and shall be conducted in accordance with such procedures as may be agreed between the Parties, or failing agreement, in accordance with the Rules for the Conduct of Arbitrators published by the Association of Arbitrators.
- 9.3 This clause provides the mechanisms and procedures to settle any dispute prior to approaching a court to resolve the dispute as required in Section 41(3) of the Constitution of South Africa, 1996 as amended.
- 9.4 The cost of arbitration will follow the decision.

## 10. BREACH

If at any time either party commits a breach of any of the terms and conditions of this agreement and fails to remedy such breach within 14 (fourteen) days after the delivery of written notice by the aggrieved party requiring it to remedy such default, the aggrieved party shall have the right, at its option, and without prejudice to any claim which it may have for damages for breach of contract or otherwise, to cancel this agreement, or to claim specific performance.

## 11 VIS MAJOR

- 11.1 No party shall be liable for any failure to fulfil its duties and obligations in terms of this agreement where such failure is caused by any event, occurrence, circumstance or condition beyond the reasonable control of the parties to this agreement, the occurrence of which could not have been reasonably foreseen on the effective date and which, despite the exercise of diligent efforts could not have been prevented, limited or minimized, that affects the powers, rights, duties or obligations of the Parties under this agreement including but not limited to –
- 11.1.1 a landslide, lightning, earthquake, tornado, floods or other natural disaster;
  - 11.1.2 the acts of civil or military authority, the acts of a public enemy, war, blockade, sabotage, fire, explosion, bombing, insurrection, riot or civil disturbance;
  - 11.1.3 industrial action, except where solely restricted to the employees of either of the Parties; and
  - 11.1.4 consumer boycotts which –
    - (i) cause material and unavoidable physical damage or destruction to all or any of the water services works or assets;
    - (ii) materially delay or prevent the performance of any duties and obligations in terms of this agreement; or
    - (iii) interrupt the water supply services.
- 11.2 The party affected by an event, occurrence, circumstance or condition referred to in clause 12.1 shall promptly notify the other party in writing of the event, occurrence, circumstance or condition and the estimated extent and or duration of such party's inability to perform its duties and obligations.
- 11.3 Upon the cessation of the event, occurrence, circumstance or condition referred to in clause 12.1, the party affected thereby shall notify the other party of such cessation.
- 11.3.1. If, as a result of event, occurrence, circumstance or condition referred to in clause 11.1, the performance of a party's duties and obligations is only partially affected, such party shall remain liable for the performance of those duties and obligations not affected by the event, occurrence, circumstance or condition.
- 11.4 If an event, occurrence, circumstance or condition referred to in clause 11.1 continues for more than 90 (ninety) or more consecutive days of any notification thereof, the affected party may cancel this agreement with immediate effect.

- 16.2 Any notice or communication required or permitted to be given in terms of this agreement shall be valid and effective only if effected in writing, but it shall be competent to give notice by telefax or email.
- 16.3 Either party may by notice to the other party change the physical address chosen as its *domicilium citandi et executandi* to another physical address in the Republic of South Africa, provided that the change shall become effective on the 7<sup>th</sup> day after the receipt of the notice.
- 16.4 Any notice to a party –
- 16.4.1 sent by pre-paid registered post in a correctly addressed envelope, addressed to such party's chosen *domicilium citandi et executandi*; or
  - 16.4.2 delivered by hand to a responsible person during ordinary business hours at its chosen *domicilium citandi et executandi*; or
  - 16.4.3 in a telefax sent to the telefax number stipulated for such party in this agreement, during ordinary business hours;
- shall be deemed to have been received, in the case of Clause 16.4.1, on the 7<sup>th</sup> business day after posting (unless the contrary is proven), and in the case of Clauses 16.4.2 and 16.4.3, on the day of delivery or dispatch, as the case may be.
- 16.5 Notwithstanding anything to the contrary herein contained, a written notice or communication actually proven to have been received by a party shall be adequate written notice or communication to it notwithstanding that it was not sent to or delivered at its chosen *domicilium citandi et executandi*.

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## Annexure A

The take-off points for supply of potable bulk water by Sedibeng Water from the VAAL GAMAGARA Water Supply Scheme, to the Consumer shall be:-

OFFTAKE POINT	DIAMETER	METER NUMBER	LATITUDE	LONGITUDE
Kudumane Manganese Mine	150mm	Rb 30aa	22 <sup>o</sup> 58'07.74"E	27 <sup>o</sup> 14'17.39"S

Handwritten signatures and initials, including the letters "SA" and "K".

## Annexure B

Consumer Authorized Volume: 40 000 m<sup>3</sup>

The Consumer shall under normal conditions purchase a minimum quantity of water per financial year based upon percentage of Authorized Volume as set out in Table 1.

The Minimum Quantity: 32 000 m<sup>3</sup>.

The consumer will be billed according to the Minimum Quantity at approved tariffs if actual consumption is less than the Minimum Quantity.

The above will be taken into account on monthly bases and any over payment will be rectified in the June account of each year.

The consumer will supply Sedibeng Water two months before the beginning of each financial year with their expected consumption requirements as set out in Table 2.

**TABLE 1**

Authorized Volume m <sup>3</sup>	Minimum Quantity As a % of Authorized Volume
<500 000	80%
>500 000<1 000 000	85%
>1 000 000<2 500 000	90%
>2 500 000	95%

Handwritten initials and signatures in the bottom right corner, including "SL" and "M".

ABLE 2: Expected Consumption 2012/2013

VOLUMES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Minimum	2 667	2 667	2 667	2 667	2 667	2 667	2 667	2 667	2 667	2 667	2 667	2 667	32 000
Predicted Actual	3 333	3 333	3 333	3 333	3 333	3 333	3 333	3 333	3 333	3 333	3 333	3 333	40 000
Maximum	3 667	3 667	3 667	3 667	3 667	3 667	3 667	3 667	3 667	3 667	3 667	3 667	44 000

SE

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NA  

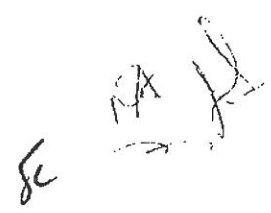

## Annexure C

Users must note that their section of supply might be supplied from both groundwater and Vaal River water. Accounts will be issued indicating the prorate use.

### NORTHERN CAPE REGION WATER TARIFF INCREASE 2012/2013 FINANCIAL YEAR

SECTION	TARIFF 2011/2012	OPERATIONAL COST 2011/2012	TCTA	WRC	WRMC	TOTAL TARIFF 2012/2013	% INCREASE
Under Utilized Allocation	1.28	THIS APPLIES TO ALL CONSUMERS				1.39	
Purification Works To Kneukel Including Delportshoop [Purified Water From Vaal River]	5.02	3.71	1.6881	0.039	0.0118	5.45	8.5%
Kneukel To Clifton [Purified Water From Vaal River]	5.45	4.18	1.6881	0.039	0.0105	5.91	8.5%
Postmasburg To Roscoe [Purified Water From Vaal River]	6.87	5.72	1.6881	0.039	0.0105	7.45	8.5%
Postmasburg To Roscoe [Ground Water From Beeshoek]	3.19	3.41	0	0.039	0.0105	3.46	8.5%
Roscoe To Blackrock [Purified Water From Vaal River]	7.84	6.77	1.6881	0.039	0.0105	8.51	8.5%
Roscoe To Olifantshoek [Purified Water From Vaal River]	7.49	6.39	1.6881	0.039	0.0105	8.13	8.5%
Sishen To Blackrock [Groundwater From Beeshoek]	4.60	4.94	0	0.039	0.0105	4.99	8.5%
Sishen To Olifantshoek [Groundwater From Beeshoek]	4.26	4.57	0	0.039	0.0105	4.62	8.5%
From Sishen Groundwater [Kalahari East]	1.09	1.13	0	0.039	0.0105	1.18	8.5%
Supplementary Water From Beeshoek In Case shortage at Sishen [Kalahari East]	2.67	2.85	0	0.039	0.0105	2.90	8.5%

Cost in Rands


  
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**APPENDIX B: LETTER FROM DMR GRANTING MINING RIGHT**





## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

DMR 10

Enquiries: B. Guthrie  
Tel: (012)444- 3926  
Fax: 086 710 0990  
Ref No. NC 30/5/1/2/2/0268 MR

### *Per Registered Mail*

The Manager  
De Atouguia Eduardo  
C/o Kudumane Manganese Resources  
(Pty) Ltd  
PO Box 1010  
Houghton  
2014

Fax no: (011) 447 5912

Dear Sir/ Madam

**APPLICATION OF A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002): THE REMAINDER AND PORTION 1 OF THE FARM TELELE NO.312 AND THE REMAINDER AND PORTION 2 OF THE FARM YORK NO.279; ADMINISTRATIVE DISTRICT OF KURUMAN.**

1. This serves to inform you that a mining right for **manganese ore** in terms of section 23(1) of the abovementioned Act has been granted over the abovementioned properties.
2. Take note that the Regional Manager will approve the relevant Environmental Management Programme and sign the right on or before **17 May 2013**. The Regional Office will prepare the final copies of the right to be signed.

*Kudumane Manganese Resources (Pty) Ltd*

*Ref No. 30/5/1/2/2/068 MR*

3. In the light of the afore-going you are requested to:

Ensure that all documents/information listed below are submitted to this Office by no later than the date mentioned above;

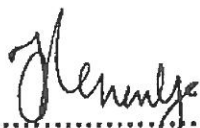
- a) A representative of your Company is present during the execution of the said right.
- b) Submit six original copies of surveyor approved plans, the plans must be in WGS84 co-ordinate system, approved and signed by a registered surveyor, be up to scale, have a PLS number and have a space for signature by both Regional Manager and the applicant (must be in color).
- c) Forward the name and place of practice of your nominated Notary Public to assist the office in finalizing your right.
- d) Nominate by way of a resolution, duly authorized representative to sign documents on behalf of the company on the day of the execution of the right.
- e) Within 30 days of the signing of the right, the applicant or the Notary must lodge the right for registration at the Mining Titles Registration Office (MPRTO) at DMR Head Office in Pretoria.
- f) Kindly take note that should you appoint a contractor to perform any duties/activities on your mining area, you still remain responsible for compliance with the MPRDA.

4. **Your attention is drawn to the matters set out in the “Term Sheets”, the “flow back Agreement” with regard to the market value of the minerals and the shareholding of the Employee Trust (3%) and the Community Trust (3%), which are to be formalized and submitted to**

the Department within 1 (one) year from the date of issuing of the mining right.

5. Failure to comply may result in the withdrawal, suspension or cancellation of the right.

Yours faithfully



.....  
DIRECTOR GENERAL:  
DEPARTMENT OF MINERAL RESOURCES

DATE: 20/4/2013



**mineral resources**

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Ref No: NCI 30/5/1/2/2/0268 MR

**POWER OF ATTORNEY**

I, **Dr. THIBEDI RAMONTJA**, in my capacity as Director-General of the Department of Mineral Resources, by virtue of the powers delegated to me in terms of section 103 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), hereby grant a Power of Attorney to the Regional Manager: Northern Cape Region of the Department of Mineral Resources, to sign the mining right as contemplated in section 23(1) of the said Act, in favor of **Kudumane Manganese Resources (Pty) Ltd** to mine manganese ore in respect of the **Remainder and Portion 1 of the farm Telele No.312** and the **Remainder and Portion 2 of the farm York No.279**, situated in the Administrative District of Kuruman, according to the approval signed by me today.

Signed at Pretoria on this 26<sup>th</sup> day of April 2013

**DIRECTOR-GENERAL:  
DEPARTMENT OF MINERAL RESOURCES**

**AS WITNESSES:**

1. Awey - a

2. [Handwritten signature]

**APPENDIX C: GROUNDWATER PROGRAMME**



Project Reference: 710.14003.00006

23 April 2013

Kudumane Manganese Resources (Pty) Ltd  
Suite 205 Willowbrook  
Willowbrook Close  
Melrose North

**ATTENTION: DAVID WELLBELOVED**

Dear David

## PROJECT SCOPE AND PROGRAMME FOR THE GROUNDWATER INVESTIGATION

### 1. SCOPE OF WORK

The scope of work for the groundwater assessment which recently commenced for the Kudumane Manganese Resources (Pty) Ltd (KMR) operations near Hotazel, is split into six (6) tasks:

1. Reconnaissance site visit
2. Desktop literature review
3. Hydrocensus
4. Aquifer Assessment – Drilling & Pumping Test Programme
5. Conceptual model development
6. Final report

### 2. PROJECT PROGRAMME

The following activities and estimate timeframes will be undertaken in order to complete the groundwater investigation:

- Once the coordinate system has been sorted out, geological and hydrogeological maps will be created. Exploration boreholes and groundwater boreholes will be plotted on the map.
- The plotted boreholes will be used to decide on the strategy for boreholes selection for the hydrocensus study and the drilling.

SLR Consulting (South Africa) (Proprietary) Limited

[www.slrconsulting.com](http://www.slrconsulting.com)

Registered Address: Unit 7 Fourways Manor Office Park, 1 Macbeth Avenue, Fourways, 2055  
Postal address: PO Box 1596, Cramerville, 2060, South Africa  
Reg. No.: 2007/005517/07 VAT No.: 4630242198

Fourways Office: Physical address: Unit 7 Fourways Manor Office Park, 1 Macbeth Ave, Fourways / Postal address: P O Box 1596, Cramerville, 2060 / T: +27 11 467 0945 / F: +27 11 467 0978  
Pretoria Office: Physical address: Atterbury Estate Office Park, Block 7 First Floor, 19 Frikkie de Beer Str, Menlyn, Pretoria / Postal address: P O Box 40161, Faerie Glen, 0043 / T: +27 12 361 8118 / F: +27 12 361 3859  
Durban Office: Physical address: 130 Pharos House, 70 Buckingham Terrace, Westville, Durban / Postal address: P O Box 422, Westville, 3630 / T: +27 31 266 8083 / F: +27 86 600 5186  
Rustenburg Office: Physical address: Medisen Building, Office no 10, Cnr Piet Grobler and Brink Str, Rustenburg / Postal address: P O Box 21180, Protea Park, 00305 / T: +27 83 779 1730 / F: +27 11 467 0978

**SABS**  
I S O 9 0 0 1

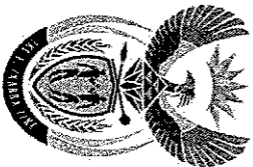
Directors: K Pietersen, B Stobart, R Titus.



- During the hydrocensus study, a number of samples will be collected and analysed at an SANAS accredited laboratory in Pretoria. The laboratory analysis duration is estimated to be 3 weeks.
- The drilling programme will commence immediately after the completion of the hydrocensus and once the location of the 6 boreholes to be drilled has been finalised with the client.
- The drilling programme is estimated to take about fourteen (14) days, depending on the depth to be drilled and the site conditions.
- The depth of the boreholes will be finalised after considering the geology and hydrogeology conditions onsite.
- The drilled boreholes will be pump tested to determine hydraulic parameters of the aquifers and the duration of this aquifer assessment is estimated to be 2 weeks.
- Conceptual model and report writing is estimated to be complete in 2 weeks after receiving all fieldwork reports including results from the laboratory.

Kind regards

Karabo Lenkoe-Magagula  
*SLR Consulting (South Africa) (Pty) Ltd*



**Water affairs**  
Department:  
Water Affairs  
**REPUBLIC OF SOUTH AFRICA**

Northern Cape Region

Private Bag X 6101, Kimberley, 8301

28 Central Road Beaconsfeld Kimberly

Tel: 053 836 7600, Fax: 053 842 3258, Email: [wma10@dwa.gov.za](mailto:wma10@dwa.gov.za)

F 0866952646

Hlangani Alexia

E [hlangani@dwa.gov.za](mailto:hlangani@dwa.gov.za)

053 836 7661

16/2/7/D4110/C4/1

**By Registered  
Mail**

Kudumane Manganese Resources (Pty) Ltd  
P. O. Box 1010  
HOUGHTON  
2041

Attention: Mr.S Van Der Merwe

**APPLICATION FOR WATER USE AUTHORIZATION IN TERMS OF SECTION 40 OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998): PORTION 2 AND THE REMAINING EXTENT OF THE FARM YORK A 279, KURUMAN NORTHERN CAPE.**

The Department hereby acknowledges receipt of your Integrated Water Use Licence Application (IWULA) supporting documents submitted to DWA offices on 27 February 2012. The following documents as submitted for this application are already on file:

1. From the report, water supply for dust suppression will be from borehole abstraction. Then apply for taking of water from a borehole which is 21(a).
2. Provide a detailed water balance indicating all sources and quantities of water for each process.
3. Apply for Section 21(g), for dust suppression.
4. The letter of agreement between Kudumani and Sedibeng.
5. Consent letter from the municipality for disposal of sludge and hazardous waste that will be removed.
6. Consent letter Agriculture for change of land use.
7. Submit the report envisaged impact on the resource for each facility as used as the mitigation measures that the mine will employ to reduce the impact on the water resource.
8. From the report the company indicated that they are BBBEE complaint. Please provide proof.
9. An approved social and labour Development Plan from the Department of Minerals Resources (DMR).

10. Mining Right/ Permit of all the properties are required.

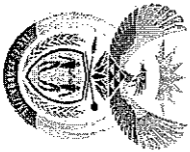
11. According to comments from geohydrology, the report that you submitted to the Department does not meet the minimum requirements. See the attached comments.

Please be informed that should a response not be received within thirty (30) days of the date of this letter, your application will be returned to you.

Please also note that any use of water without authorization is unlawful as it is in contravention of the National Water Act, 1998 and is punishable by law.

For   
PROVINCIAL HEAD: NORTHERN CAPE

DATE: 21/08/2012



## Water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

**Northern Cape Region**

---

Fax: 086 6952 229  
Tell: 053 830 8800

Enq: Mr L. Baloyi  
email: [baloyil2@dwa.gov.za](mailto:baloyil2@dwa.gov.za)

Attention: A.A Hlangane

Refer to the Geohydrological report brought to groundwater section for comments.

The aquifer firm yield model was used in order to estimate the yield of the aquifer in the farm York A, portion 2 and the remaining extent of portion 0. The AFYM revealed that the two farms occupy the total area of 13.36 km<sup>2</sup> and the aquifer system can yield up to a total of 2.13l/s which is equivalent to 65772.27 m<sup>3</sup>/a collectively. It is expected that the mine dewatering will have significant impact on groundwater level with over 100% and the cone of depression is also expected to decline drastically. The geohydrological report must address the groundwater regimes required as outlined on the document attached

### Recommendations

Based on the outcomes of the evaluation on the report, it appears that the report submitted does not meet the minimum requirement of the WULA and recommend that detailed geohydrological report be submitted to the Department of Water Affairs before the actual mining operation commence.

Hope you will find comment in order

  
L. Baloyi

(Scientist Production: Geohydrology) "

21/08/2012

## ANNEXURE B

### REQUIREMENTS FOR WATER USE LICENCE APPLICATION: GROUNDWATER ABSTRACTION [S 21 (a)]

The *Initial Regional* assessment is needed to determine the amount of information necessary for each new Water Use licence application for abstraction from groundwater, based on the amount of recharge that is used by the applicant in relation to the specified property.

Categories A, B and C list the information requirements for the licence application, as should be provided by the applicant to the Department of Water Affairs & Forestry.

#### **Regional - Initial**

- Size of property (ARBA<sub>PROP</sub>)
- Recharge - HP (RE)
- Existing use volume (ABS<sub>EX</sub>)
- New use volume (ABS<sub>NEW</sub>)
- Scale of abstractions (ABS<sub>SCALE</sub>)

CALCULATION	
$ARBA_{PROP} * RE = RE_{AREA} (m^3/a)$	Category A
$ABS_{EX} + ABS_{NEW} = ABS_{TOTAL} (m^3/a)$	Category B
$ABS_{SCALE} = (ABS_{TOTAL} / RE_{AREA}) * 100$	Category C

Small scale abstractions (<60% recharge on property)

Medium scale abstractions (60-100% recharge on property)

Large scale abstractions (>100% of recharge on property)

The Regional RDM support is info that should be submitted with the request for a Reserve determination. This will not only speed up the process, but also render more confidence to the Reserve determination.

#### **Regional - RDM support**

- Delineate resource units (default quaternary, unless geologically different)
- Delineate response units (same as resource unless existing information shows otherwise)
- Drainage (rivers and gauging stations in the resource unit area)
- Climate (average rainfall, reference source)
- Vegeter regions (hydrological regions and recharge)
- Geo-hydrology - wq, wl, aquifer tests, main fracture zones - storage, sustainable yield, assurance of supply?
- Aquifer status: Local expert consideration (reference source), natural / impacted (mapping these areas in the resource unit), importance (both socio-economic and strategic), vulnerability, dependent ecosystems, total current use, classification (Parsons and current resource classification system).
- Licensing conditions - wl, wq, level of acceptable degradation?
- Monitoring requirements - according to the Category.
- Site visit necessary to validate all info - regional and applicant

**Category A**

- Volume and purpose of the water required.
- Detail borehole census on the property in question. Information to be collected should include pump depth / borehole depth, depth to water level, yield of the borehole, volume abstracted (daily, weekly, monthly).
- Proximity to surface water discharges (springs, seeps, wetlands streams, rivers, lakes) and groundwater dependant ecosystems.
- Geo-referenced map of the property in question, with boreholes, physical structures (houses, stores, irrigation equipment) and current pollution sources (septic tanks, pit latrines, petrol/diesel tanks, irrigation areas) depicted.
- Monitoring programme - monthly water levels, monthly rainfall.

**Category B**

- Geology of the area / borehole?
- Volume and purpose of the water required.
- Detail borehole census within a 1km width zone around the property in question as well as on the property itself. Information to be collected should at least include pump installation/borehole depth, depth to water level, yield of the borehole, volume abstracted (daily, weekly, monthly), water quality (one macro analysis per property).
- Proximity to surface water discharges (springs, seeps, wetlands streams, rivers, lakes) and groundwater dependant ecosystems.
- Geo-referenced map of the property in question, with boreholes, surface water features, physical structures (houses, stores, irrigation equipment) and current pollution sources (septic tanks, pit latrines, petrol/ diesel tanks irrigation areas) depicted.
- Contact details of relevant parties in the hydro census area.
- Potential impacts of potential use on groundwater and surface water quality.
- Monitoring programme - weekly water levels, weekly rainfall, 6 monthly macro analysis and surface water discharges in the 1km width zone.

**Category C**

- A geo-hydrological report compiled by an acceptable and qualified geo-hydrological consultant. Report should include appropriate maps, tables and figures to support the conclusions and recommendations.
- Detail geology of the area, including structures, maps etc.
- Detail borehole census within at least 1km width zone around the area of recharge as well as on the area itself. Information to be collected for each borehole should at least include pump installation depth, borehole depth, depth of water level, yield of the borehole, depth of water strike(s), volume abstracted (daily, weekly, monthly) and water quality (one macro analysis per property in the zone).
- Aquifer description and characteristics including extent of the aquifer and hydraulic properties (storativity and transmissivity). This would require testing. Drilling might or might not be required. Groundwater piezometric contour map showing flow direction and a depth to water level contour map.



- Effective annual recharge on this property and the safe yield of the aquifer.
- Volume and purpose of the water required and the volume available for abstraction. A water balance that at least cover the aquifer unit in which the property is located should, in other words, is done that includes all gains and losses.
- Contact details of relevant parties in the hydro census area.
- Impact the abstraction will have on existing users and surrounding properties. This should be short- and long-term impact. This might have to be supported by a numerical model.
- Proximity to and potential impact of the abstraction on surface water discharges and groundwater dependant terrestrial ecosystems.
- Potential impact of potential use on groundwater and surface water quality.
- Geo-referenced map of the property in question, with boreholes, surface water features, geological features, physical structures (houses, stores, irrigation equipment) and current pollution sources (septic tanks, pit latrines, petrol/ diesel tanks, irrigation areas) depicted.
- Monitoring programme - weekly water levels, weekly rainfall, 3 monthly macro analysis and surface water discharges and 6 monthly qualities in the 1km width zone.

The Department of Water Affairs and Forestry recommends that the following measures be taken when testing bore holes for sustainable yields and to provide the following information:

- Refer to test procedures in the South African National Standards Code No.: SANS 10299.
- Perform a three (3) hour stepped draw down test to determine the discharge rate of the intended constant rate test OR;
- The constant discharge test should be done at approximately  $\frac{2}{3}$  of the blow yield of the bore hole.
- For **HOUSEHOLD** use it as recommended that a 8 hour constant rate test be performed with the draw down and the recovery measured.
- For **IRRIGATION** it as recommended that a 24 constant rate test should be performed for while the draw down and the recovery is measured. This test could also be performed for intended **BULK WATER SUPPLY** for a volume of up to 150 000 m<sup>3</sup> per annum.
- For **BULK WATER SUPPLY** in excess of 150 000 m<sup>3</sup> per annum it as recommended that a 72 hour constant rate test should be performed while the draw down and the recovery of the bore hole is measured.
- All data as obtained above should be attached to the relevant Water Use License Application forms, together with an analysis of the data (including draw down curves) and recommendation for the sustainable yield of the borehole(s), by a qualified Geo-hydrologist.

**NOTE:** The above recommended requirements may change without prior notice as required by DWAF to effectively manage the respective water resource.

## Caitlin Hird

---

**From:** JacolineMa <JacolineMa@daff.gov.za>  
**Sent:** 02 May 2013 01:49 PM  
**To:** Suan Mulder  
**Subject:** RE: 2013-04-23| Biodiversity off-set | Kudumane

Dear Suan

Thank you very much for your letter of commitment. I will then wait to hear from you again.

Kind Regards, Jacoline Mans

---

**From:** Suan Mulder [<mailto:smulder@slrconsulting.com>]  
**Sent:** 23 April 2013 10:52 AM  
**To:** JacolineMa  
**Subject:** 2013-04-23| Biodiversity off-set | Kudumane

Good morning Jacoline

Attached, please find a letter we submitted to Elsabe Swart regarding the biodiversity off-set project at Kudumane. She is currently out of the office and will only be back on the 6<sup>th</sup> of May. Once I hear from her I will inform you of the way forward.

Kind regards

Suan

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

Email: [smulder@slrconsulting.com](mailto:smulder@slrconsulting.com)  
Mobile: +27 83 779 1730  
Tel: +27 11 467 0945  
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Fourways Manor Office Park  
2191, Cnr Roos and Macbeth Streets  
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South Africa



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## Caitlin Hird

---

**From:** Ryan Oliver <rloliver@ruraldevelopment.gov.za>  
**Sent:** 28 November 2013 12:43 PM  
**To:** Caitlin Pringle  
**Subject:** Re: Land Claim Issue

Good day

I have spoken to the project office in charge of the properties in question and he has indicated the response that was originally sent to you was correct.

The portions under claim for Farm Hotazel No. 280 are: PTN1, PTN2, and PTN3. As for Farm Kipling No. 271, the whole farm is under claim.

Hope you find the above in order.

Regards



>>> Caitlin Pringle <cpringle@slrconsulting.com> 11/19/2013 9:10 AM >>>  
Good morning Mr Oliver

I trust you are well.

Please see below correspondence which I received from a Mr Jan Wessels, concerning land claims on the properties in question for the Kudumane EIA/EMP Amendment project.

You and I were in contact earlier this year (see attached) and you sent me a list of the properties on which claims had been made. Please could you advise as to which portions of the farms have had land claims lodged against them and also whether any new claims have been submitted since May.

I look forward to your response.

Thanks in advance

---

**From:** Caitlin Pringle  
**Sent:** 18 November 2013 08:04 AM  
**To:** Jan Wessels  
**Cc:** ntsundeni.ravhugoni@dmr.gov.za; 'Mmboneni Mutheiwana'; Suan Mulder  
**Subject:** RE: Kudumane EIA/EMP Amendment: Public Scoping Meeting 26th Nov 2013

Good morning Jan,

Thank you for your email.

The attached correspondence with the Department of Rural Development and Land Reform in May 2013 has reference.

Further to your email, please see attached response from the Department.

Thank you

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

Email: [cpringle@slrconsulting.com](mailto:cpringle@slrconsulting.com)  
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Fax: +27 11 467 0978

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

---

**From:** Jan Wessels [<mailto:janwes@vodamail.co.za>]  
**Sent:** 15 November 2013 04:59 PM  
**To:** Caitlin Pringle  
**Cc:** [ntsundeni.ravhugoni@dmr.gov.za](mailto:ntsundeni.ravhugoni@dmr.gov.za); 'Mmboneni Mutheiwana'  
**Subject:** RE: Kudumane EIA/EMP Amendment: Public Scoping Meeting 26th Nov 2013

Good day Caitlin.

On behalf of the Land Restitution Claimants of claim KL 221 I inform you that all the indicated properties are subject to the restitution claim.

You are referred to section 104 of the minerals act giving a preferent right to the community.

The claimants therefor reject this process of the DMR to award any mineral rights on the land subject to the restitution claim before the claim is settled.

Should your company be interested in an agreement with the official claimants in this regard you can inform me.

Regards.

Jan Wessels

---

**From:** Caitlin Pringle [<mailto:cpringle@slrconsulting.com>]  
**Sent:** 06 November 2013 01:33 PM  
**Cc:** Suan Mulder  
**Subject:** Kudumane EIA/EMP Amendment: Public Scoping Meeting 26th Nov 2013

Dear Sir/Madam

**KUDUMANE MANGANESE RESOURCES (PTY) LTD**  
**ENVIRONMENTAL ASSESSMENT PROCESS FOR THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) AND**  
**ENVIRONMENTAL MANAGEMENT PROGRAMME (EMP) AMENDMENT FOR ADDITIONAL PLANNED**  
**INFRASTRUCTURE AND MINING AREAS AT KUDUMANE**

Kudumane Manganese Resources (Pty) Ltd (Kudumane) proposes to submit a new mining right application in terms of the Mineral and Petroleum Resources Development Act (MPRDA), 28 of 2002 to include additional mining areas to its existing mining rights area. Kudumane will therefore submit a mining right application in term of Section 22 of the MPRDA. In this regard, Kudumane is proposing to amend its approved Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) to incorporate the additional mining rights areas and to add additional infrastructure to its existing mining rights area.

As part of the environmental assessment process, you have been identified as a key stakeholder in the project's process who may be interested in hearing more about the proposed project and to provide input into the environmental assessment process.

In this regard kindly see attached meeting invitation for the Scoping Meeting which is to be held on the 26<sup>th</sup> November as well as Background Information Document (BID) for the proposed project.

Please do not hesitate to contact me should you wish to discuss the attached.

Kind Regards,

**Caitlin Pringle**  
**Environmental Assessment Practitioner**  
SLR Consulting (Africa) (Pty) Ltd

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

Mobile: +27 84 491 1987

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2191, Cnr Roos and Macbeth Streets  
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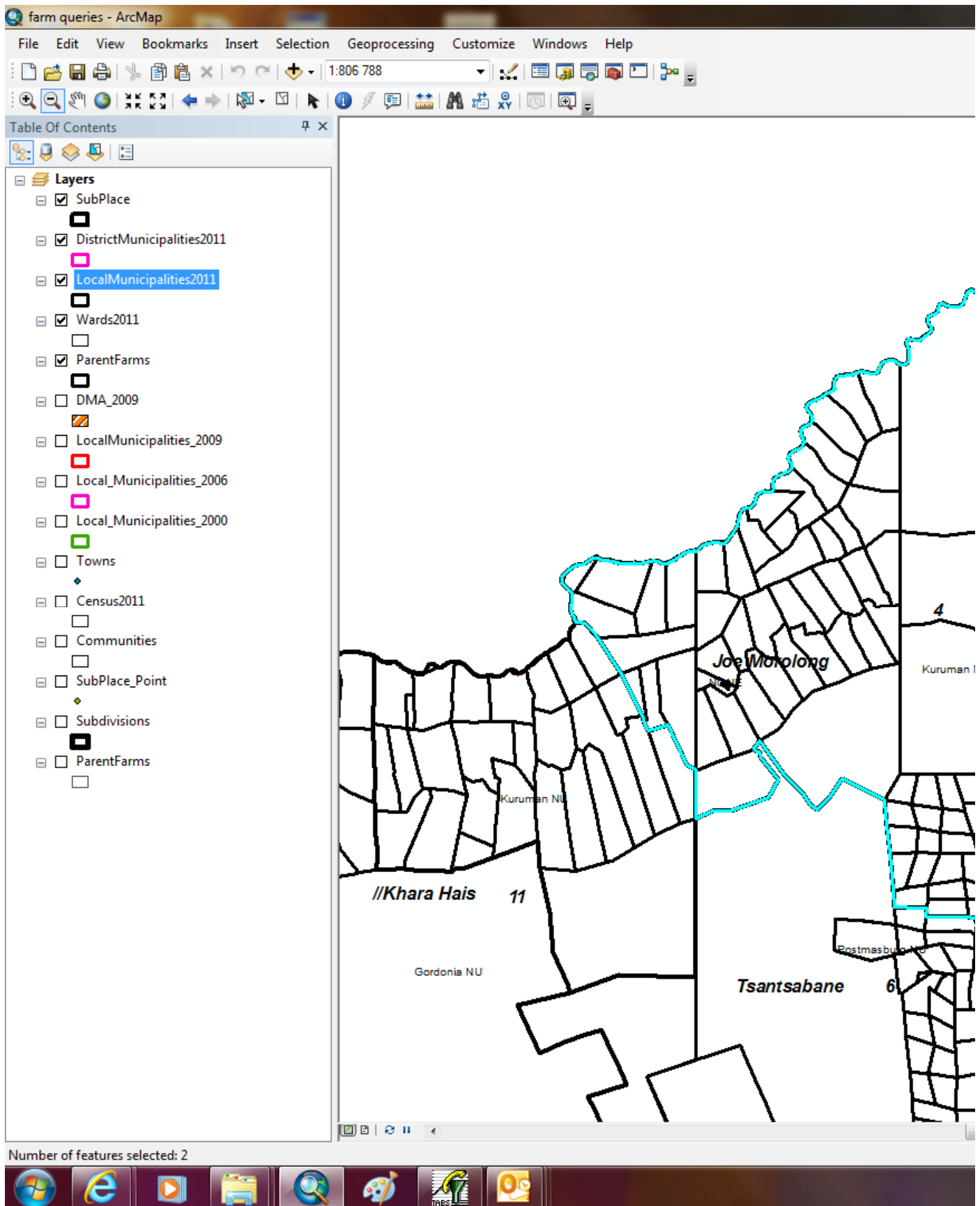


## Caitlin Hird

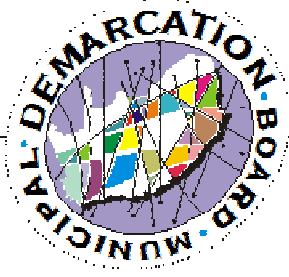
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**From:** Zeone Jessica Adams <Zeone@demarcation.org.za>  
**Sent:** 19 June 2013 01:19 PM  
**To:** Caitlin Pringle  
**Cc:** Aluwani Ramagadza; Hester Marais  
**Subject:** Ward Querrie

Good day, I refer to your request for information, according to our information these farms are under ward 4, see print screen.



Regards,



## MUNICIPAL DEMARCATION BOARD

### **Zeone Adams**

🏠 304 Orient Street, Arcadia 0083/Private Bag X28 Hatfield 0028

☎ Tel: +27 (0)12 342 2481/82 📠 Fax: +27 (0)12 342 2480

✉ Email: [zeone@demarcation.org.za](mailto:zeone@demarcation.org.za)/[info@demarcation.org.za](mailto:info@demarcation.org.za)/[www.demarcation.org.za](http://www.demarcation.org.za)



## mineral resources

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

65 P Mabija Street Private Bag X6093  
Kimberley Kimberley  
8301 8300

Tel: (053) 807 1700  
Fax: (053) 832 5631  
Email: [obed.nemaorani@dmr.gov.za](mailto:obed.nemaorani@dmr.gov.za)

Enquiries:	T O Nemaorani
Tel No:	(053) 807 1700
Fax No:	(053) 832 5631
Ref. No:	(NC)30/5/1/2/2/10053MR

### PER REGISTERED MAIL

The Directors  
**Kudumane Manganese Resources (Pty) Ltd**  
Suite 104  
Melrose Palace  
Willow Brook Close  
Melrose North  
Johannesburg  
2041

Fax no: (086) 610 1258

Dear Sir/ Madam

RE: APPLICATION FOR A MINING RIGHT

Name of Applicant	Kudumane Manganese Resources (Pty) Ltd
Description of properties	The farms Kipling 271, Portion of the farm Hotazel 280 and the farm Devon 227
District	Kuruman

1. This is to inform you that your abovementioned application to mine **Manganese ore** in respect of the abovementioned properties in terms of section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) has been accepted.
2. In terms of section 22(4) of the said Act you are therefore required:
  - 2.1 to submit six (6) copies of Scoping Report in terms of Regulation 49(2) on or before the **27 January 2014**. **One (1) copy must be submitted online** and the remaining **one (1) copy must be submitted manually** at the DMR offices in Kimberley on or before **27 January 2014**;
  - 2.2 to conduct an Environmental Impact Assessment and submit six (6) copies of the Environmental Management Programme (EMP) for approval on or before the **22 August 2014**. **One (1) copy must be submitted online** and the

remaining **five (5) copies must be submitted manually** at the DMR offices in Kimberley on or before **22 August 2014**, and

- 2.3 to notify in writing and consult with the landowner or lawful occupier and any other affected party and submit the result of such consultation to this office on or before the **22 August 2014**,
3. You are further requested in terms of section **22(4)** of the Act to give effect to the object referred to in section 2(d) of the Act. In this regard you are required to submit by no later than **27<sup>th</sup> January 2014**, the following documents:
  - 3.1 duly signed shareholders' agreements;
  - 3.2 share certificates and shareholder's registers;
  - 3.3 articles and memorandum of association of the company;
  - 3.4 details relating to funding (all relevant agreements); and
4. Any other agreement or documents relating to the agreement.
  - 4.1. Joint Venture Agreements;
  - 4.2. Any other agreement relating to this transaction
5. Failure in submitting all required information within the prescribed timeframes could have negative impact on the processing of your application.
6. **Kindly note that all the requested information should be submitted online, unless stated otherwise**

Yours faithfully

*OK Matthews*

ACTING REGIONAL MANAGER: MINERAL REGULATION  
NORTHERN CAPE REGION

DATE: 05/12/2013

