

# **Land Claims Commissioner Letter**



**OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: NORTHERN CAPE**

Hyesco Arcade, 4-8 Old Main Road, Kimberley, 8300 | PO Box 2458, Kimberley, 8300

Tel: (053) 807 5700 | Fax: (053) 831 6501

**Enquiries: Pabalelo Mokale**

**SLR Consulting (Pty) Ltd**  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways  
Johannesburg  
Gauteng  
2191

Dear Mr / Ms C Phashe

**LAND CLAIMS ENQUIRY**

- **Farm Boerdraai no 228 Kuruman RD in the Northern Cape Province.**
- **Farm Eersbegint no 703 Kuruman RD in the Northern Cape Province.**

We refer to your letter received: **24 July 2019.**

We confirm that as at the date of this letter that no land claim appears on our database in respect of the Property this includes the database for claims lodged by 31 December 1998; and those lodged between 1 July 2014 and 27 July 2016 in terms of the Restitution of Land Rights Amendment Act, 2014.

Whilst the Commission takes reasonable care to ensure the accuracy of the information it provides, there are various factors that are beyond the Commission's control, particularly relating to claims that have lodged but not yet been gazetted such as:

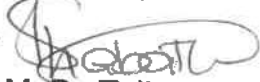
- Some Claimants referred to properties they claim dispossession of rights in land against using historical property descriptions which may not match the current property description; and

- Some Claimants provided the geographic descriptions of the land they claim without mentioning the particular actual property description they claim dispossession of rights in land against.

The Commission therefore does not accept any liability whatsoever if through the process of further investigation of claims it is found that there is in fact a land claim in respect of the above property.

If you are aware of any change in the description of the above property after 19 June 1913 kindly supply us with such description so as to enable us to do a further search.

Yours faithfully

PP 

Ms. M. Du Toit

Chief Director: Land Restitution Support-Northern Cape

Date: 26.07.2019

# I&AP Database



PUBLIC INVOLVEMENT DATABASE

Table 1: Project Team

Interest group	Title	Name	Surname	Organisation	Address	Interest	Telephone and cell phone
Project team	Mr.	Nico	Hager	Khwara Manganese (Pty) Ltd	-	-	
Environmental consultants	Ms	Natasha	Smyth	SLR Consulting (South Africa) (Pty) Ltd	P.O. Box 1596 Cramweview 2060	Project Manager	011-467-0945
	Mr	Clive	Phashe			Project Assistant	
Specialist Team	Mr	Anton	Pleser	Apelser Archaeological Consulting	-	Heritage specialist	-
	Mr	Stephen	Van Staaden	Scientific Aquatic Services and Scientific Terrestrial Services	-	Biodiversity specialist	-
	Mrs	Marion	Bamford	Wits University	-	Paleontological specialist	-

**Table 2: Landowners within the project area**

<b>Name</b>	<b>Surname</b>	<b>Organization</b>	<b>Postal Address</b>	<b>Farm Name</b>
David and HP	Venter	Saltrim Ranches Pty Ltd	Posbus 8, Hotazel 8490	Eersbegint Plaas No 703 Portion 43

**Table 3: Adjacent land owners**

Name	Surname	Organization	Postal Address	Farm Name
<b>Adjacent Land Owners</b>				
David and HP	Venter	Saltrim Ranches Pty Ltd	P O Box 91, Kuruman, 8460	Grafton 709 Portion 0 and 1
Tienies	Venter	Private landowner		Sirocco 703
Dineo	Peta	Terra Nominees Pty Ltd	PO Box 61820 Marshaltown 2107	Lehating 741 Portion 1
Ryno	van Schalkwyk	Waltwyk CC	P O Box 119 Kuruman 8460	Lehating 741 Portion 0 (RE)
Gawie	Stols	Son of farm owner		Boerdraai 228
Stephen	van der walt	Mollersville Boerdery Trust	P O Box 388 Kuruman 8460	Mollers Ville 703 Portion 49
<b>Surrounding Land Owners</b>				
Stephen	Nakanyane	ESKOM	P.O Box 356 Bloemfontein 9300	Wessels 227 Portion 1
Nondwe	Khanya			
Andrea	van Gensen			
Mase	Rantsieng	Hotazel Manganese Mines Pty Ltd		Wessels 227 Portion 0
Jeff	Leader	Ntsimbintle Mining (Pty) Ltd		Wessels 227 Portion 2
Roelof Jacobus	du Plooy	Roelof Jacobus Willem Du Plooy Trust		Mophephe 710 Remaining Extent
Hendrik	Venter	Saltrim Ranches		Grafton 709 Portion 1 and Remaining Extent
Tienies	Venter	Landowner		Sirocco 703
Jeff	Leader	Ntsimbintle Mining (Pty) Ltd		Gloria 266 Remaining Extent
Willem Pretorius	van der walt	Landowner		Harefield 232
Roelof Jacobus	du Plooy	Landowner		Afguns 704 Portion 20
AGW	du Plooy	Farm Owner		Afguns 704 Portion 22
		Mecca Trust		Mecca 233
Maria Magdalena	Combrinck	Farm Owner	PO Box 1484 Kuruman 8460	Poverty Flat 234

Andries Petrus	du Plooy	Farm Owner	Soetmelksvlei Farm Kuruman Northern Cape 8460	Manifesto 704 Portion 28
Siphiwe	Likhuleni	Kalagadi Manganese	328 Rivonia Boulevard 1st Floor North Wing Rivonia 2128	Umtu 281 Whole Farm
Tshepo	Molai			Olive Pan 282 (RE)
Lourika	Delaport	Farm Owner	PO BOX 454 Kuruman 8460	Olive Pan 282 Portion 1
		Mollers Ville Boerdery Trust		Mollers Ville 703 Portion 49
Jacobus Johannes Francois	Theart	Farm owner	PO BOX 234 Hotazel 8490	Olivewood 284
Engela Elizabeth	Reynecke	Farm owner		N'chwaning 267 Portion (RE)
Bonolo	Lekwa	Assmang Ltd		N'chwaning 267 Portion 1, Portion 9 and Portion 10, Gloria 266 Portion 1, Mukulu 265 Whole Farm, Bergheim 229
Rethabile	Mboya			
Ashley	Mcleod			
Nondwe	Khanya	ESKOM		N'chwaning 267 Portion 2
Ryan	Olivier	RSA Government- Department of Rural Development and Land Reform - Land claims comissioner		N'chwaning 267 Portion 4 and Portion 6
Ramon	Henney	Telkom SA Ltd		N'chwaning 267 Portion 5
		Goodrock Chemworks (Pty) Ltd		N'chwaning 267 Portion 7



**Table 4: Regulatory and commenting authorities**

Title	Name	Surname	Department	Postal Address
Mr.	Philani	Msimango	Department of Water and Sanitation- Northern Cape region	28 Central Road Beaconsfield Kimberley 8301
Ms	Jacoline	Mans	Department of Agriculture, Forestry and Fisheries	26 Olien Street, Louisvale Road, Upington, 8801
Mr	Thulani	Mthombeni	Department of Environment and Nature Conservation	28 Long Street Kimberley 8300
Ms	Gayle	Sitimela		
Ms	Naomi	Mokonopi		
Mr	Eugene	Nkthlang	Department of Mineral Resources	41 Schmidtsdrift Road Kimberley 8300
Mr	Ntsundeni	Ravhugoni		
Ms	Julia	Katong	Joe Morolong Local Municipality – Ward Councillor (Ward number 4)	PO Box 1480, Kuruman, 8460
Mr	Joe	Masela	Secretary of Ward Committee – Ward 4	PO Box 63 Van Zylsrus 8467
Mr	Tebogo	Tlhoaele	Joe Morolong Local Municipality – Municipal Manager	Private Bag X117, Mothibistad, 8474
Ms	M.	Morwagae	Joe Morolong Local Municipality – Municipal Manager (PA)	
Ms	Dineo	Leutlwetse	Joe Morolong Local Municipality – municipal mayor	
Ms	Seneo	Seleka	Joe Morolong Local Municipality – Environmental manager	
Mr	Moses	Eilerd	John Taolo Gaetsewe District Municipality – Municipal Manager	PO Box 1480, Kuruman, 8460
Mr	TH	Matlhare	John Taolo Gaetsewe District Municipality – Community Services Manager	

<b>Title</b>	<b>Name</b>	<b>Surname</b>	<b>Department</b>	<b>Postal Address</b>
Mr	Viljoen	Mothibi	Department of Agriculture and Land Reform - HOD	162 George Street, Private Bag X5018, Kimberley, 8300
Mr	Ryan	Oliver	Department of Rural Development and Land Reform - Land claims comissioner	
Ms	Natasha	Higgitt	South African Heritage Resources Agency	

**Table 5: Surrounding Industry and Mines, Non-Government Organisations**

Title	Name	Surname	Interest	Address	Designation
Mr	Siphiwe	Likhuleni	Kalagadi Manganese Pty Ltd	328 Rivonia Boulevard 1st Floor North Wing Rivonia 2128	Landowner of Olive Pan 282 RE
					Gama 283 Portion 1
Mr	Tshepo	Molai			Whole farm Umtu 281
Ms	Tshepang	Tsekwa	Sebilo Resources	121 Mendelssohn Road Roosevelt Park, Johannesburh 2129	Landowner
Mr	Jan	Theart	Agri Kuruman and Kalagadi Water Verbruikers Forum	P.O Box 224 Hotazel 8490	
Mr	Albertus	Viljoen	Tshiping Water Use Association	PO Box 434, Postmasburg, 8420	
Ms	Suzanne	Erasmus	WESSA NC	P O Box 316 Kimberly 8300	Regional Chairperson
Mr	Elias	Motia		P.O Box 820 Vryburg 8600	
Mr	Jurie	Kriek		PO Box 213 Hotazel 8490	
Mr	Louis	Hauman	BCM Kudumane		
Mr	Hendrik	Arangies	Kudumane Manganese Resources Pty Ltd		

Title	Name	Surname	Interest	Address	Designation
Mr	Conri	Moolman	Kudumane Manganese Resources Pty Ltd		
Mr	Stephen	Nakanyane	ESKOM	P.O Box 356 Bloemfontein 9300	Land and Rights
Mr	Gerrie	Van Schalkwyk			Senior Environmental Advisor
Mr	Benito	Williams			
Mr	Nondwe	Khanya			
Mr	Frederick	Ludeke			
Ms	Andrea	van Gensen			
Mr	Rene	De Briun			
Mr	Bonolo	Lekwa			Assmang Ltd
Mr	Rethabile	Mboya			
Mr	Ashley	Mcleod			
Mr	Doctor	Bvuma	DMB Minerals cc	92 Villa Toulouse Eagle Trace Estate Dainfern 2055	
Mr	Tumisang	Tagane	AfriBits		
Mr	Ramon	Henney	Telkom SA Ltd		
Mr	Wezi	Banda	Mamatwan Mining		
Mase	Rantsieng	Manis Paneng	South32		
Mr	James		Tshipi e Ntle Manganese Mines		
Ms	Nthabeleng		Pty Ltd		
Mr	Cupido		Love	United Manganese Kalahari Pty L	

Title	Name	Surname	Interest	Address	Designation
Mr	Tshivhangwaho	Mudau			
Mr	Daniel		Adams Solar Farm		
Mr	Gert	Otto	Kuyaba services		
Mr	Renier	Vosloo			
Mr	Philip	Brand			
Mr	Solly	Mohanoe	Lesol Mining and Lubricants		

**Table 6: Other IAPS**

Title	Name	Surname	Organisation	Address
Mr	Jurie	Kriek	Lehating Agriculture	PO Box 213, Hotazel 8490
Mr	Jan	Theart	Agri Kuruman and Kalagadi Water Verbruikers Forum	PO Box 224 Hotazel 8490
Mr	Gert	Theart	Landowner	
Mr	Albertus	Viljoen	Tshiping Water Use Association	PO Box 434, Postmasburg 8420
Mr	Eben	Anthouissen	Mac Mac Agri	PO Box 117 Hotazel 8490
Mrs	Theresia	Steyn	Portion 6 Goold, Rissik 330	P O Box 346 Hotazel 8490
Mr	Madelaine	Pyper	Middelplaats 730	P.O Box 132 Kuruman 8460
Mr	Johan	Houps	Smartt 314	P.O Box 58 Kuruman 8460
Mr	Niekie	Kruger	Goold Ptn 1	P.O Box 358 Kuruman 8460

Title	Name	Surname	Organisation	Address
Mr	Carel & Martha	Reyneke	Portion 2 Goold 329	P.O Box 255 Kathu 8446
Mr	Tshifhiwa	Ravele	IAP	PO Box 187 Santoy 8491
Mr	Joseph	Matshidiso	IAP	
Mr	Johan	van Breda	Aquila Resources (Prospecting Right Holder)	
Mr	Mike	halliday		Postnet Suite 317 Private Bag X75 Bryanston 2021

# **Background Information Document in English and Afrikaans and proof of distribution**



## Clive Phashe

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**From:** Clive Phashe  
**Sent:** 19 November 2019 04:23 PM  
**To:** Clive Phashe  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** Afrikaans-2019-11-20-BID-Eersbegint PR.PDF; English- 2019-11-20-BID-Eersbegint PR.PDF

<b>Tracking:</b>	<b>Recipient</b>	<b>Delivery</b>
	Clive Phashe	Delivered: 2019/11/19 04:24 PM
	stolsgawie@gmail.com	
	camel@vodamail.co.za	
	bonolol@brmo.co.za	
	Rethabile.Mboya@arm.co.za	
	AshleyG.Mcleod@arm.co.za	
	dibaslaghuis@gmail.com	
	ndarap@eskom.co.za	
	Gerrie.vanschalkwyk@eskom.co.za	
	Benito.williams@eskom.co.za	
	khanyen@eskom.co.za	
	ludekefj@eskom.co.za	
	vgenseal@eskom.co.za	
	dbruiner@eskom.co.za	
	mase.rantsieng@south32.net	
	wpvdwalt@lantic.net	
	mecca.guesthouse@gmail.com	
	klipwerfkuur@lantic.net	
	scwalt@gmail.com	
	dineo.peta@bhpbilliton.com	
	msimangop@dws.gov.za	
	JacolineMa@daff.gov.za	
	Tmthombeni@ncpg.gov.za	
	gletimela@ncpg.gov.za	
	mokonopin@gmail.com	
	nmokonopi@ncpg.gov.za	
	livhuwani.malatjie@dmr.gov.za	
	Ntsundeni.Ravhugoni@dmr.gov.za	
	takalani.khorombi@dmr.gov.za	
	johannes.nematatani@dmr.gov.za	
	kgaudi.shapo@dmr.gov.za	
	juliakatong2@gmail.com	
	Jmmasela66@gmail.com	
	mm@joemorolong.gov.za	
	mmorwagae@joemorolong.gov.za	
	leutlwetsed@joemorolong.gov.za	

**Recipient****Delivery**

sseleka@webmail.co.za  
sseleka@joemorolong.gov.za  
mmsec@taologaetsewe.gov.za  
matlhareTH@taologaetsewe.gov.za  
cfortune@agri.ncape.gov.za  
ryan.oliver@drdlr.gov.za  
nhiggitt@sahra.org.za  
siphiwe@kalagadi.co.za  
Tshepo@kalagadi.co.za  
info@sebiloresources.co.za  
voorsitter@agrikur.co.za  
info@tshiping.co.za  
wessanc@yahoo.com  
juriekr@gmail.com  
jvanbreda@aquilaresources.co.za  
mhalliday@aquilaresources.com.au  
louis@soetvlakte.co.za  
hendrik.arangies@kmr.co.za  
conri.moolman@asia-minerals.com  
info@afribits.co.za  
henneyrc@telkom.co.za  
Wezi.banda@ergafrica.com  
james@tshipi.co.za  
nthabeleng@tshipi.co.za  
Cupido.Love@UMK.co.za  
Tshivhangwaho.Mudau@umk.co.za  
daniel@solafuture.co.za  
Gert.theart@vodamail.co.za  
ebenanthonissen@hotmail.com  
ebena@absamail.co.za  
tsteyn@lantic.net  
mmvanwyk10@gmail.com  
krugersoret@yahoo.com  
Carel.reyneke@absamail.co.za  
tshifhiwar@brmo.co.za  
josephmatshidiso@yahoo.com  
mail@aquilaresources.com.au  
fortunec@agri.ncpg.gov.za  
didi@sebiloresources.co.za  
vdwaltac@gmail.com

## FARM EERSTBEGIN 703/43, KURUMAN RD

### DMR FILE REFERENCE: NC30/5/1/1/2/12467PR

Dear Interested and Affected Party

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the above-mentioned farm in Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is situated approximately 27km North West of Hotazel.

SLR Consulting (South Africa) (Pty) Ltd (SLR) has been appointed as the environmental assessment practitioner responsible for undertaking the environmental regulatory processes and conducting public participation in support of the project. We would thus like to notify you of the project and provide you with introductory information on the proposed project.

The Background Information Document (BID) in English and Afrikaans containing information on the proposed project; the baseline environment of the site; an outline of the Basic Assessment process that will be followed; and the potential environmental impacts has been attached.

Please contact Clive Phashe for any further queries.

**Email:** [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

**Tel:** 011 467 0945

**Fax:** 011 467 0978

**Post:** PO Box 1596, Cramerview, 2060 (if using post, please notify us telephonically of your submission)

Please feel free to pass this document on to any other persons whom you believe may be interested in this project. We welcome any comment or questions.

Yours faithfully

Clive



**Clive Phashe**

Junior Environmental Consultant

+27 11 467 0945

2034

[cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

SLR Consulting (South Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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# KHWARA MANGANESE (PTY) LTD

## BACKGROUND INFORMATION DOCUMENT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43 KURUMAN RD, NORTHERN CAPE PROVINCE

NOVEMBER 2019

### INTRODUCTION

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eersbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar and hand held ground magnetic mapping. Invasive activities would comprise drilling of ten exploration boreholes. The property is 27km North West of Hotazel. The Regional and Locality Settings are presented below as Figure 1 and Figure 2 respectively.

### ENVIRONMENTAL AUTHORISATION PROCESS

Prior to the commencement of the proposed project, the following is required:

- An environmental authorisation from the Department of Mineral Resources (DMR) in terms of the National Environmental Management Act No. 107 of 1998. The Environmental Impact Assessment Regulations being followed are Government Notice Regulation (GNR) 982 of 4 December 2014, as amended. Listed activities in terms of Listing Notice 1 GNR 983 will be triggered as part of the proposed project and as such a Basic Assessment Process will be followed.
- A prospecting right from the DMR in terms of Section 16 of the Mineral, Petroleum and Resources Development Act (No. 28 of 2002).

### PURPOSE OF THIS DOCUMENT

This document has been prepared by SLR to inform you about:

- The proposed prospecting project;
- The environmental assessment process being followed (Basic Assessment Process);
- Possible environmental/cultural/socio-economic impacts; and
- How you can have input into the environmental assessment process.

### YOUR ROLE

You have been identified as an interested and/or affected party (I&AP) who may wish to be informed about the proposed project and have input into the environmental process and report.

You have an opportunity to review this Background Information Document (BID) and to provide your initial comments to SLR for incorporation in the environmental process.

You will also be given the opportunity to review and comment on the Basic Assessment (BA) report.

All comments received will be recorded and included in the report submitted to the DMR for decision-making.

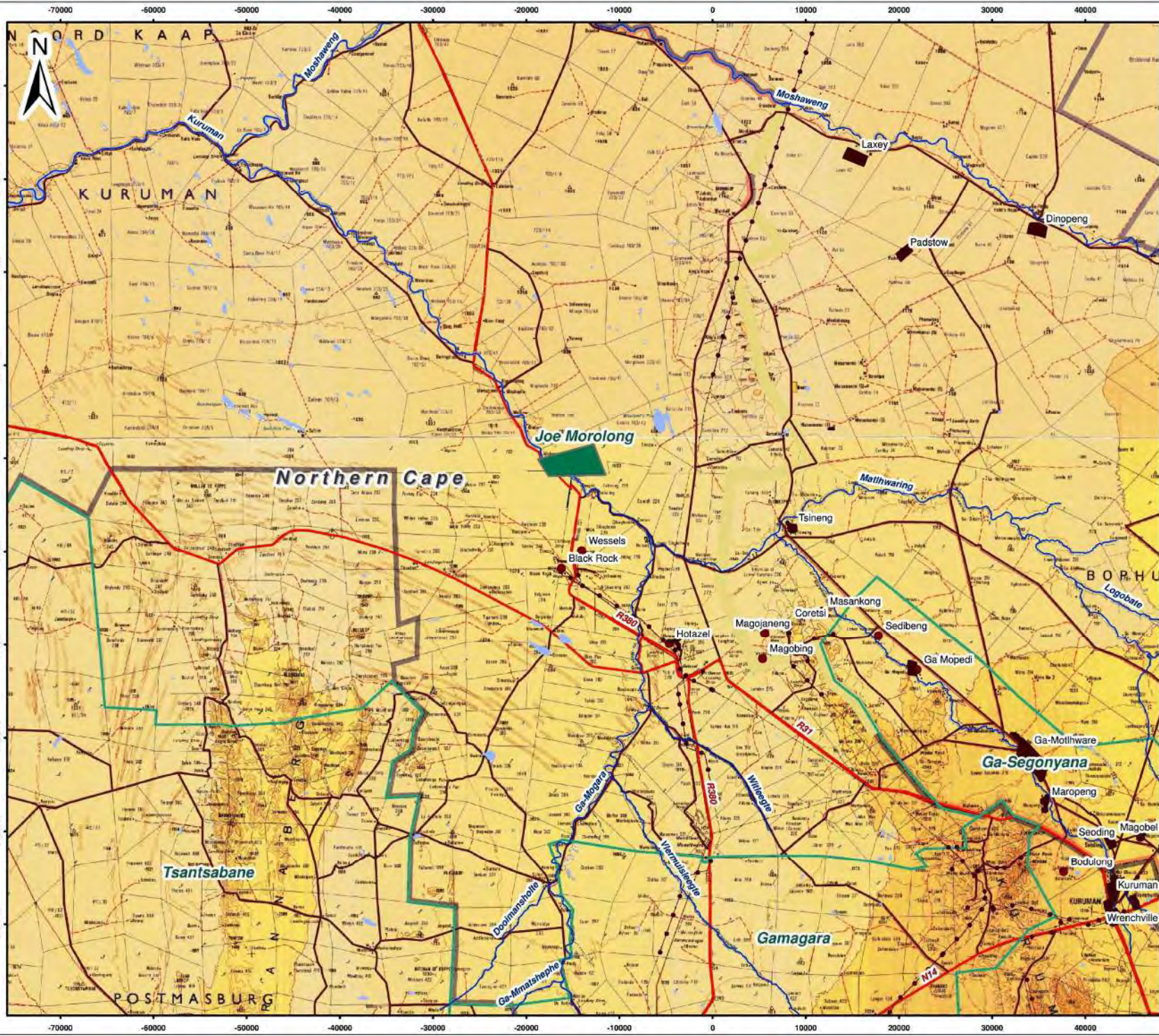
### HOW TO RESPOND

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

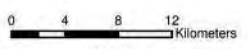
### WHO TO CONTACT

Clive Phashe  
(011) 467 0945 (Tel) or  
(011) 467 0978 (Fax) or  
[cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

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



- Legend**
- Eersbegin 703/73
  - Urban Areas
  - Local Municipalities 2011
  - Main Roads
  - Secondary Roads
  - Power Line
  - Rivers and Streams
  - 20m Contour Lines
  - Wetlands



Scale: 1 : 400 000 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

KWHARA MANGANESE (PTY) LTD

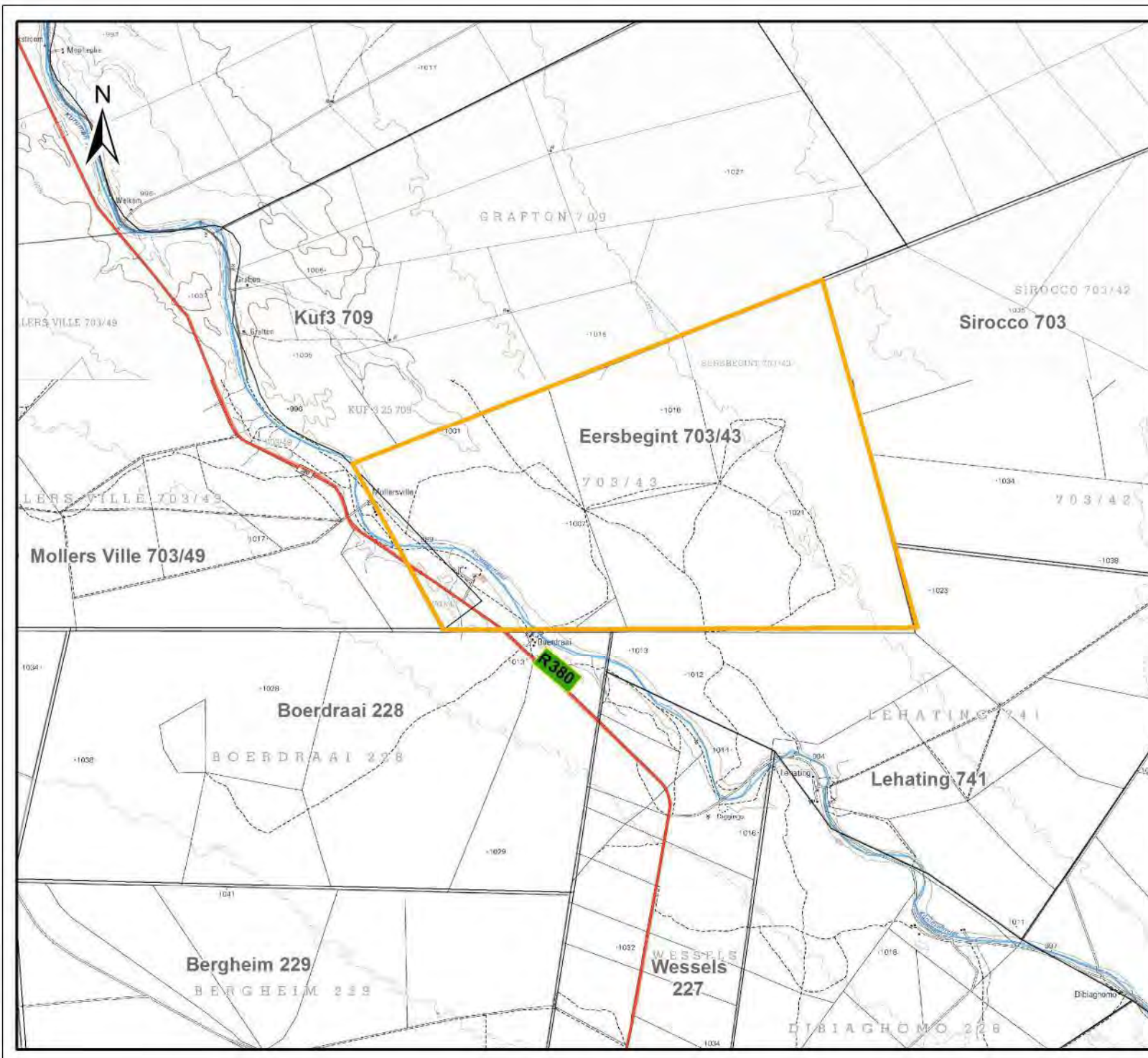
**Figure 1**  
**Regional Setting**



SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1596, Cramerville, 2050, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

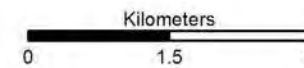
720.11033.0002

2019/09/05



### Legend

- Main Road
- River
- Contours
- Eersbegint 703/43
- Farm Boundaries



Scale 1:80 361 @ A3  
 Projection: None  
 Datum: WGS84,

KWHARA MANGANESE (PTY) LTD

**Figure 2**

### Locality Map

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

720.11033.00002

2019/09/04

## PROJECT OVERVIEW

### OVERVIEW

The project will include invasive and non-invasive activities. Non-invasive activities comprise usage of ground penetrating radar to provide some detail of the geological structures. Once the non-invasive activities have been completed, the location of the prospecting boreholes (invasive activities) can be sited. The following facilities and activities are required at each of the prospecting borehole sites:

- Temporary ablution facilities for contractors;
- The establishment of a temporary access track;
- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and dill rig; and
- The demarcation of the prospecting site

At this stage it is envisaged that a total of ten prospecting boreholes will be drilled over a period of two years using diamond core drilling methods.

For each drill site, once drilling is complete, the site will be decommissioned. Decommissioning will cater for the following: capping and sealing of boreholes; removal of any drilling equipment, chemicals, and waste; removal and filling of sumps; and ripping of compacted soils (at drill sites and access tracks) to allow for re-vegetation of the site.

### PROJECT ALTERNATIVES

The locations of the prospecting activities are dictated by the location of the ore body. It follows that no alternatives are being considered as prospecting activities will be limited to the farm Eersbegint 703/43.

### PROJECT MOTIVATION

Unemployment is a challenge in the Joe Morolong Local Municipality. The prospecting activities will extend several direct employment opportunities and will have a positive impact on both indirect businesses and employment. A large percentage of these employment opportunities will benefit the surrounding communities. A portion of the unskilled and semi-skilled labour is likely to be sourced locally.

## STATUS OF ENVIRONMENT

This section provides a basic description of the existing status of the proposed project area.

**Geology:** The proposed project site is located in the Kalahari Basin which is a manganese hotazel iron formation. The Kalahari basin is approximately 56 km long and has a width varying between 5 and 20 km.

**Climate:** The project area falls within the Northern Steppe climatic zone, which is a semi-arid region characterised by erratic rainfall, high evaporation levels, hot summers and cold winters. The annual rainfall is less than 400mm per annum.

**Topography:** The proposed project area is located in a relatively flat area with gentle slopes. The elevation on site varies from 1 009 and 1 013 m above mean sea level (mamsl).

**Soils and land capability and land use:** The proposed project area is comprised of structureless, deep (>1 200 mm), sandy, red and yellow soils of the Hutton and Clovelly forms. Soils at the proposed project site have a low cultivation potential due to the high infiltration rates associated with sandy soils. Due to the fine sandy nature of the soil forms and the low clay content and limited organic matter, the soils are highly erodible, particularly where vegetation is removed. Land uses surrounding the mine include a combination of livestock grazing, game farming, mining and associated and sparsely situated residences. The R380 transverses the south-western section of the proposed project site.

**Plant and animal life (terrestrial):** The proposed project area falls within the Kathu Bushveld and the Southern Kalahari Mekkacha. The Kathu Bushveld is characterised by open savannah with *Vachellia erioloba* (Camel Thorn) and *Boscia albitrunca* (Shepherd's Tree) as the prominent trees. Tall *Vachellia erioloba* trees can form a dominant belt along a river. *Vachellia erioloba* are protected in terms of the National Forests Act of 1998. Very little evidence of wild faunal populations is associated with the proposed project area due to the presence of mining, prospecting and farming activities within and surrounding the proposed project site. Red data bird species that are likely to occur within the proposed project area include the Martial Eagle, Secretary Bird and the African Whitebacked Vulture. Red data mammal species likely to occur include the Honey Badger and the South African Hedgehog.



**Aquatic environment:** The Kuruman River is a National Freshwater Ecosystem Priority Area, Category B river (largely natural with few modifications) and is an important groundwater recharge area. The riparian vegetation community is dominated by *Grewia flava*, *Vachellia karroo*, *Tragus racemosus*, *Schmidtia kalahariensis* and *Eragrostis* sp. and is clearly distinguished from the terrestrial community. Surface water flow was last documented within the Kuruman River in 1974. Only sub surface flow with isolated depressions with surface water has been documented. This is sufficient to support faunal aquatic communities after heavy rainfall events.

**Surface water:** The proposed project is located in quaternary catchment D41M which has a gross total catchment area of 13 780 km<sup>2</sup>. The Kuruman River is located along the south western boundary of the proposed project site. Due to the ephemeral nature of the river there is no third party reliance of surface water resources.

**Groundwater:** The project area is underlain by a shallow unconfined Kalahari Aquifer and the deeper fractured Hotazel Aquifer. The average ground water level at the proposed project site ranges from 9m to 58m below ground level. Groundwater quality is generally poor due to elevated concentrations of chloride, sodium and magnesium. The dominant groundwater flow is in a north-western direction towards the Kuruman River. The majority of boreholes surrounding the proposed project area are used for domestic use and livestock watering purposes.

**Air quality:** The surrounding ambient air quality has been influenced by neighbouring mines, household fuel combustion and vehicle tailpipe emissions.

**Noise:** The greater area is generally defined by rural features and is not subjected to elevated noise levels. Noise levels in the project area are mainly as a result of surrounding farming activities, localised traffic and mining operations.

**Visual:** The proposed project site is located within the flat open plains of the Kalahari. The site is rural in nature however the existing surrounding mining operations located to the south of the proposed project site have already affected the sense of place and natural visual character of the area.

**Heritage/cultural and palaeontological resources:** Heritage resources in the general area include cemeteries and graves, historical farmsteads and structures, and sites dating back to Middle and Later Stone Age concentrated around the riverine edges. The palaeontological sensitivity of the site is low, although there is a possibility of Stromatolites being present in the project area.

**Socio-economic:** The town of Black Rock is located approximately 2.5km south of the proposed project area. The educational levels in the area are relatively low with a high level of unemployment and 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. There has been an increase in the number of households that were provided with electricity as a source of energy in the area. Mining and government services are the main economic sectors.

#### POTENTIAL ENVIRONMENTAL/CULTURAL/SOCIO-ECONOMIC IMPACTS

The following preliminary list of **potential** impacts has been identified. This list is based on SLR's experience with similar prospecting type projects. Due to the small scale and temporary nature of the proposed prospecting activities, it is expected that the impacts associated with the project will be minimal.

Potential impacts include:

- Safety risks posed by infrastructure and excavations
- Soil erosion and/or pollution
- Loss of plant and animal species at the drill sites
- Pollution of surface water resources
- Contamination of groundwater resources
- Generation of dust
- Increase in noise pollution
- Loss of heritage resources (including graves) if present on site
- Loss of land use and capability
- Socio-economic benefits through the extension of existing employment contracts.

The environmental assessment process provides:

- Information on the project and environment in which it is being undertaken
- Identifies, through engagements with I&APs the potential negative as well as positive environmental/cultural/socio-economic impacts
- Reports on management measures required to mitigate impacts and incorporates requirements for monitoring programmes (where required).

The likely process steps and timeframes are provided below.

<b>PHASE I – APPLICATION PHASE (November 2019)</b>
<ul style="list-style-type: none"> <li>• Preparation of the NEMA application; and</li> <li>• Submission of NEMA application to DMR.</li> </ul>
<b>PHASE II – BAR phase (November 2019 - January 2020)</b>
<ul style="list-style-type: none"> <li>• Notify commenting authorities and I&amp;APs of proposed project and environmental assessment process (via newspaper adverts, site notices and the BID);</li> <li>• Compile BAR and summary, distribute to I&amp;APs and commenting authorities for 30 day review (November 2019).</li> <li>• Update the BAR with comments received during the public review period.</li> </ul>
<b>PHASE III – Competent authority review phase (January 2020 – April 2020)</b>
<ul style="list-style-type: none"> <li>• Submit BAR (inclusive of comments raised during the review period) to the DMR for decision making (107 days legislated decision making period).</li> <li>• Circulate DMR decision to I&amp;APs on project database.</li> </ul>

## PARTIES INVOLVED IN THE ENVIRONMENTAL ASSESSMENT PROCESS

### DECISION MAKING AUTHORITIES

- Northern Cape Department of Mineral Resources (DMR)

### IAPs

- Landowners and land users within/ adjacent to the prospecting right area
- Communities within/ adjacent to the Prospecting Right area
- Parastatals

### COMPETENT AND COMMENTING AUTHORITIES

- Northern Cape Department of Environment & Nature Conservation (DENC)
- Northern Cape Department of Water and Sanitation (DWS)
- Northern Cape Department of Rural Development and Land Reform (DRDLR)
- South Africa Heritage Resource Agency (SAHRA) and/or Provincial Heritage Resource Authority (PHRA)
- Northern Cape Department of Agriculture, Forestry and Fisheries (DAFF)
- Northern Cape Department of Roads and Transport

### LOCAL AUTHORITY

- Joe Morolong Local Municipality (incl. ward councillor)
- John Taolo Gaetsewe District Municipality

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

# KHWARA MANGANESE (PTY) LTD

## BACKGROUND INFORMATION DOCUMENT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43, KURUMAN RD, NORTHERN CAPE PROVINCE

DATE		TIME		
PARTICULARS OF THE INTERESTED AND AFFECTED PARTY				
NAME				
INTEREST IN THE PROPOSED PROJECT				
POSTAL / STREET ADDRESS				
		POSTAL CODE		
WORK/ DAY TELEPHONE NUMBER		WORK/ DAY FAX NUMBER		
CELL PHONE NUMBER		E-MAIL ADDRESS		
PLEASE REGISTER ME AS AN INTERESTED & AFFECTED PARTY (I&AP) SO THAT I MAY RECEIVE FURTHER INFORMATION AND NOTIFICATIONS DURING THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS			YES	NO
HOW WOULD YOU LIKE TO RECEIVE YOUR NOTIFICATIONS?			E-MAIL	
			REGISTERED MAIL (POST)	
			FAX	

PLEASE WRITE YOUR COMMENTS AND QUESTIONS HERE (please use separate sheets if you wish)

--

PLEASE INCLUDE THE FOLLOWING OF MY COLLEAGUES/FRIENDS/NEIGHBOURS AS I&APS FOR THIS PROJECT:


Please return completed forms to:

Clive Phashe  
SLR Consulting (South Africa) (Pty) Ltd  
(011) 467 0945 (Tel) and/or (011) 467 0978 (Fax)  
cphashe@slrconsulting.com

**THANK YOU FOR YOUR CONTRIBUTION!!!**

# KHWARA MANGANESE (EDMS.) BPK.

## AGTERGRONDINLIGTINGSDOKUMENT VIR DIE AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43, AFDELING KURUMAN REGISTRASIE, NOORD-KAAPPROVINSIE

NOVEMBER 2019

### INLEIDING

Khwara Manganese (Edms.) Bpk. ("Khwara") beoog om prospekterbedrywighede vir Ystererts en Mangaan te onderneem op die plaas Eersbegint 703/43 naby Black Rock in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaap-provinsie. Die prospekterbedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontleding van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting. Ingrypende bedrywighede sal bestaan uit die boor van tien eksplorasiëboorgate. Die eiendom is 27 km noordwes van Hotazel. Die streeks- en plaaslike ligging word onderskeidelik in Figuur 1 en Figuur 2 hieronder uitgebeeld.

### OMGEWINGSMAGTIGINGSPROSES

Voor die aanvang van die beoogde projek, word die volgende benodig:

- 'n Omgewingsmagtiging deur die Departement van Minerale Hulpbronne (DMH) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998). Die Regulasies op Omgewingsimpakevaluering wat gevolg word, is Staatskennisgewing R982 van 4 Desember 2014, soos gewysig. Deel van die beoogde projek sal aanleiding gee tot gelyste aktiwiteite ingevolge Lyskennisgewing 1 van Staatskennisgewing R983, gevolglik sal 'n Basiese Evalueringproses gevolg word.
- 'n Prospekterreg deur die DMH ingevolge Artikel 16 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (Wet 28 van 2002).

### DOEL VAN HIERDIE DOKUMENT

Hierdie dokument is opgestel deur SLR om u toe te lig oor:

- die beoogde prospekterprojek;
- die omgewingsevalueringproses (Basiese Evalueringproses) wat gevolg word;
- moontlike omgewings-/kultuur-/sosio-ekonomiese impakte; en
- hoe u insette in die omgewingsevalueringproses kan lewer.

### U ROL

U is as 'n belangstellende en/of geaffekteerde party (B&GP) geïdentifiseer wat moontlik ingelig wil word oor die beoogde projek en insette in die omgewingsproses en -verslag wil hê.

U het 'n geleentheid vir insae in hierdie Agtergrondinligtingsdokument (AID) en om u aanvanklike kommentaar aan SLR te voorsien vir insluiting in die omgewingsproses.

U sal ook die geleentheid kry om insae te hê in en kommentaar te lewer op die Basiese Evalueringverslag (BE-verslag).

Alle kommentaar wat ontvang word, sal aangeteken en ingesluit word in die verslag wat by die DMH ingedien gaan word vir besluitneming.

### HOE OM TE REAGEER

Reaksie op hierdie dokument kan ingedien word by wyse van die aangehegte kommentaarvorm en/of deur kommunikasie met die onderstaande persoon.

### WIE OM TE KONTAK

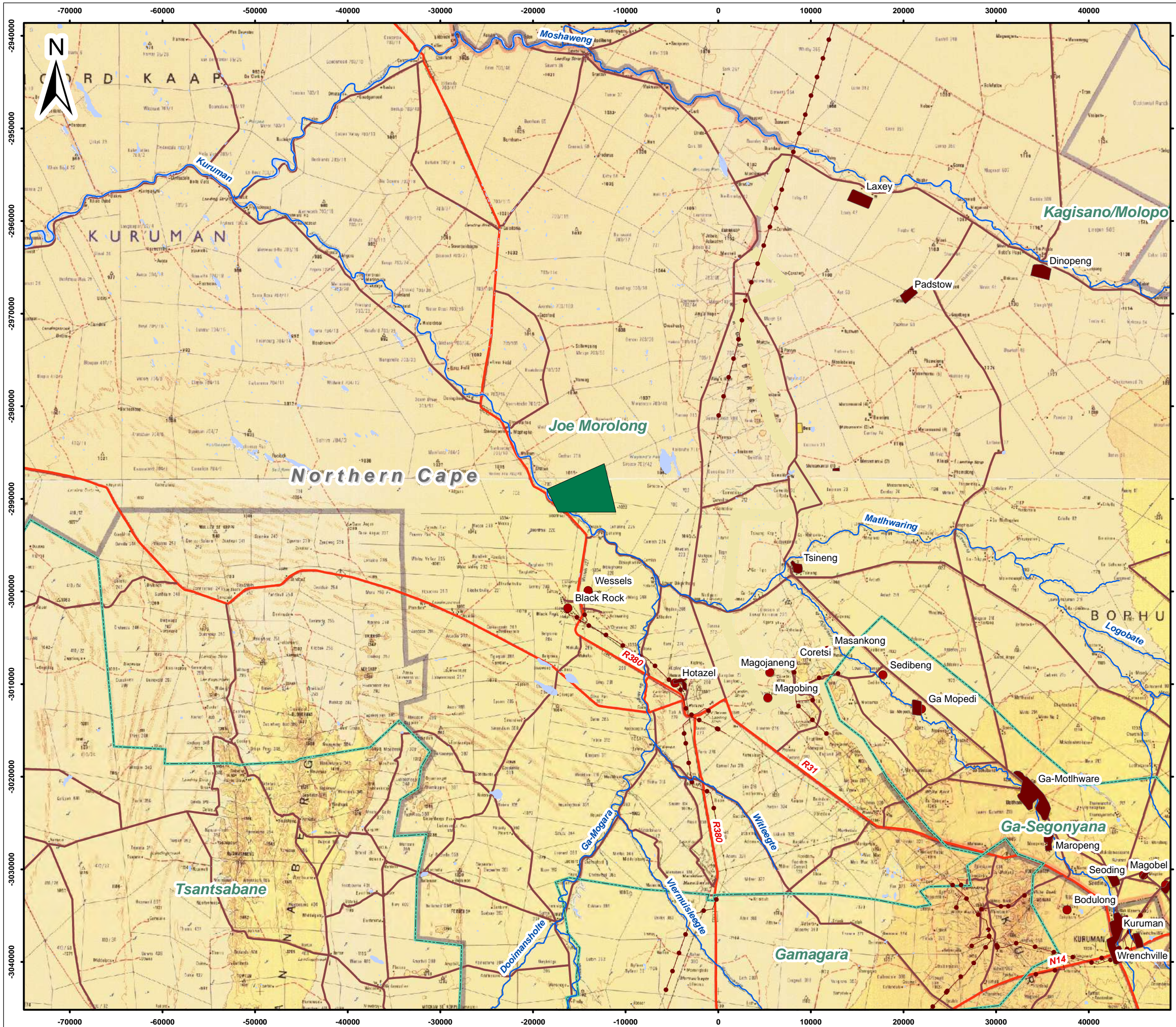
Clive Phashe

Tel: 011 467 0945 of

Faks: 011 467 0978 of

E-pos: [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

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



**Legend**

- Voorgestelde Projekarea
- Stedelike gebiede
- Plaaslike Munisipaliteite 2011
- Hoofpaaie
- Sekondere Paaie
- Kragdrade
- Riviere en Strome
- 20m Kontoerlyne
- Vleilande

0 4 8 12 Kilometers

Scale: 1 : 400 000 @ A3

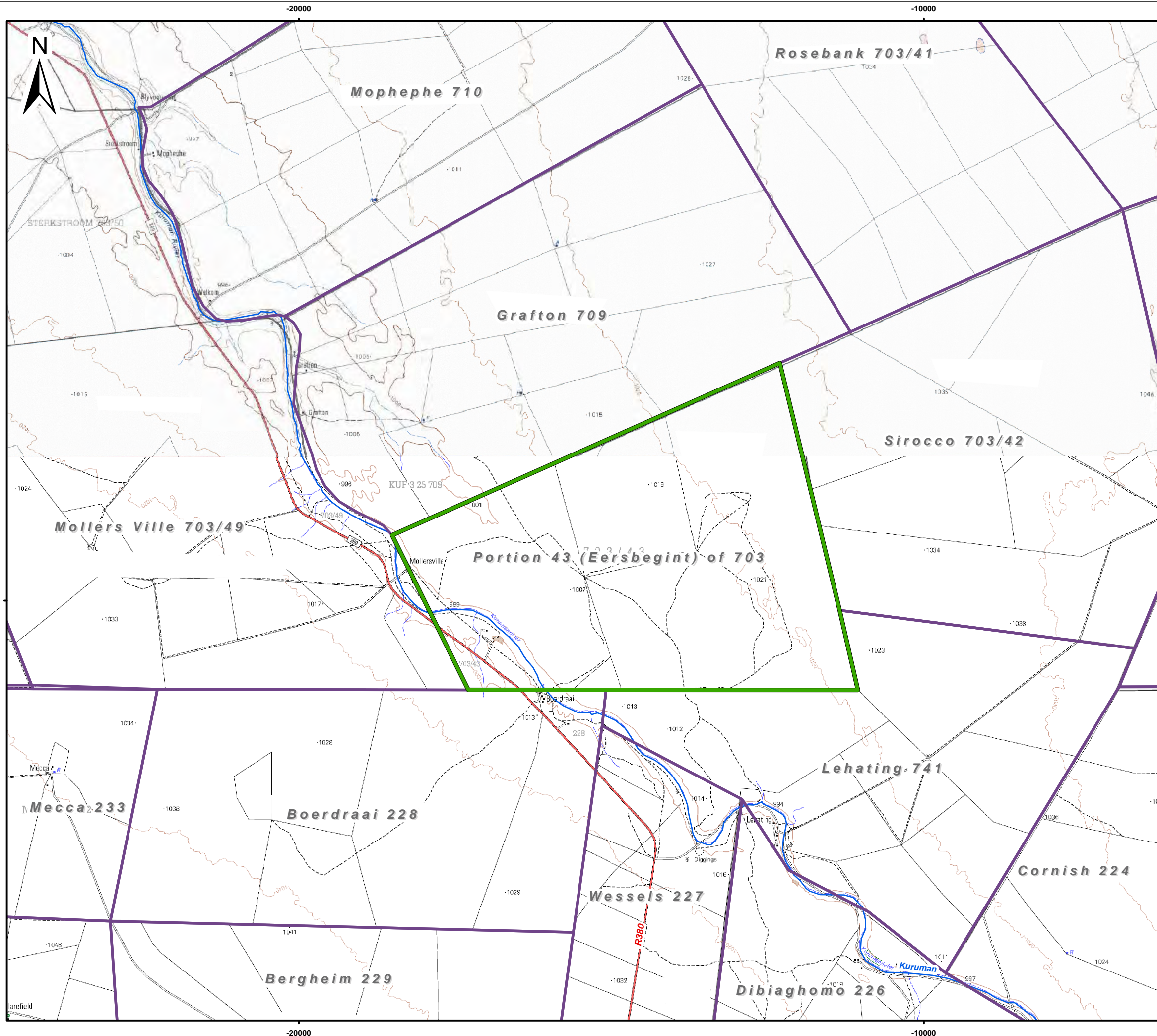
Projection: Transverse Mercator  
Datum: Hartebeeshoek, Lo23

KWHARA MANGANESE (PTY) LTD

**Figuur 1**  
**Streksomgewing**

**SLR**

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



- Legend**
- Voorgestelde Projekarea
  - Hoodpaaie
  - Riviere en Strome
  - 20m Kontourlyne
  - Plaasbeperkings



Scale: 1 : 63 360 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

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**Figuur 2**

**Plaaslikeomgewing**



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

## OORSIG

Die projek sal ingrypende en nie-ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede behels die aanwending van gronddeurdringende radar om 'n mate van detail van die geologiese strukture te bied. Wanneer die nie-ingrypende bedrywighede eers afgehandel is, kan die liggings van die prospekterboorgate (ingrypende bedrywighede) se posisies bepaal word. Die volgende geriewe en bedrywighede word by elk van die terreine met prospekterboorgate benodig:

- Tydelike ablusiegeriewe vir kontrakteurs;
- Die daarstel van 'n tydelike toegangspoor;
- Mynputte met plastiekvoerings;
- Tydelike berging van gevaarlike en nie-gevaarlike afval;
- 'n Area met 'n HDPE-seilvoering en 'n boorinstallasie;
- Die afbakening van die prospekterterrein.

Op hierdie stadium word in die vooruitsig gestel dat altesaam tien prospekterboorgate oor 'n tydperk van twee jaar aan die hand van diamantkernboormetodes geboor sal word.

Elk van die boorterreine sal, sodra boorwerk afgehandel is, uit bedryf gestel word. Uitbedryfstelling sal voorsiening maak vir die volgende: afsluiting en verseëling van boorgate; verwydering van enige boortoerusting, chemikalieë en afval; verwydering en vulling van mynputte; en die skeur (met 'n ploeg) van gekompakteerde grond (by boorterreine en toegangspore) sodat plante weer daar kan vestig.

## PROJEKALTERNATIEWE

Die liggings van die prospekterbedrywighede hang af van die ligging van die ertsliggaam. Derhalwe word geen alternatiewe oorweeg nie, aangesien prospekterbedrywighede beperk sal wees tot die plaas Eersbegint 703/43.

## PROJEKMOTIVERING

Werkloosheid is 'n uitdaging in die Joe Morolong Plaaslike Munisipaliteit. Die prospekterbedrywighede sal verskeie direkte werksgeleenthede behels en sal 'n positiewe impak op beide indirekte ondernemings en werkskepping hê. 'n Groot persentasie van hierdie werksgeleenthede sal die omliggende gemeenskappe tot voordeel strek. 'n Gedeelte van die ongeskoolde en halfgeskoolde arbeid sal waarskynlik plaaslik gewerf word.

SLR Consulting (South Africa) (Edms.) Bpk.

Hierdie afdeling bied 'n basiese beskrywing van die beoogde projekgebied se huidige status.

**Geologie:** Die beoogde projekterrein is geleë in die Kalaharikom, wat 'n mangaan-hotazel-ysterformasie is. Die Kalaharikom is sowat 56 km lank met 'n wydte wat wissel tussen 5 km en 20 km.

**Klimaat:** Die projekgebied val in die Noordelike Steppe klimaatzone, wat 'n semi-ariëde streek is, gekenmerk deur wisselvallige reënval, hoë verdampingsvlakke, warm somers en koue winters. Die jaarlikse reënval is minder as 400 mm.

**Topografie:** Die beoogde projekgebied is geleë in 'n betreklik plat gebied met geleidelike hellings. Die terrein se elevasie wissel tussen 1 009 en 1 013 m bo gemiddelde seevlak (mamsl).

**Grond, grondvermoë en grondgebruik:** Die beoogde projekgebied bestaan uit struktuurlose, diep (>1 200 mm), sanderige, rooi- en geelgrond van die Hutton- en Clovelly-vorms. Weens die hoë infiltrasiekoerse wat verband hou met sanderige grond, bied die beoogde projekterrein se grondsoorte 'n lae verbouingspotensiaal. Weens die fyn, sanderige aard van die grondvorme en die lae klei-inhoud en beperkte organiese stowwe, is die grondsoorte hoogs erodeerbaar, veral waar plantegroei verwyder is. Grondgebruike om die myn sluit in weiding vir 'n kombinasie lewendehawe, wildsboerdery, mynbou en verwante en ylgesaaide wonings. Die R380 loop deur die suid-westelike gedeelte van die beoogde projekterrein.

**Plant- en dierlewe (op land):** Die beoogde projekgebied is geleë in die Kathu-bosveld en die Suidelike Kalahari Mekgacha. Die Kathu-bosveld word gekenmerk deur die oop savanna met *Vachellia erioloba* (kameeldoringboom) en *Boscia albitrunca* (witgatboom) as die oorheersende bome. Hoë *Vachellia eriolobas* kan 'n dominante belt met die rivier langs vorm. *Vachellia erioloba* is 'n beskermde spesie kragtens die Nasionale Wet op Bosse van 1998. Weens die teenwoordigheid van mynbou, prosperteerwerke en boerderybedrywighede in en om die beoogde projekterrein is daar baie min bewyse van dierbevolkings wat met die beoogde projekgebied geassosieer word. Voëlspesies op die rooidatalys wat waarskynlik in die beoogde projekgebied voorkom, sluit in die Breëkoparend, Sekretarisvoël en die Afrika Witruugaasvoël. Dierspesies op die rooidatalys wat waarskynlik voorkom, sluit in die ratel en die Suid-Afrikaanse krimparkie.

**Akwatiese omgewing:** Die Kurumanrivier is 'n Nasionale Varswater Ekosisteem Prioriteitsgebied, Kategorie B-rivier (Oorwegend natuurlik met min modifikasies) en is 'n belangrike grondwater-hervullingsgebied. Die plantegroei op die rivieroewer word deur *Grewia flava*, *Vachellia karroo*, *Tragus racemosus*, *Schmidtia kalahariensis* en *Eragrostis* sp. oorheers en is duidelik onderskeibaar van die terrestriële gemeenskap. Die vloei van oppervlakwater in die Kurumanrivier is laas in 1974 aangeteken. Slegs vloei benede die oppervlak met geïsoleerde holtes met oppervlakwater is aangeteken. Dit is voldoende om die akwatiese diergemeenskappe na swaar reënval episodes te dra.

**Oppervlakwater:** Die beoogde projek is in die kwaternêre opvangsgebied D41M geleë, wat 'n bruto totale opvangsgebied van 13 780 km<sup>2</sup> het. Die Kurumanrivier is geleë aan die suid-westelike grens van beoogde projekterrein. Weens die efemere aard van die rivier, is daar geen derdepartye wat afhanklik is van oppervlakwaterhulpbronne nie.

**Grondwater:** Die projekgebied word onderlê deur 'n vlak, onbegrensde Kalahari-akwifer en die dieper, gefraktueerde Hotazel-akwifer. Die beoogde projekgebied se gemiddelde grondwatervlak wissel tussen 9 m en 58 m onder grondvlak. Die gehalte van die grondwater is oor die algemeen swak, weens verhoogde konsentrasies chloor, natrium en magnesium. Die dominante vloei van grondwater is in 'n noordwestelike rigting, in die rigting van die Kurumanrivier. Die meeste van die boorgate om die beoogde projekgebied word vir huishoudelike gebruik en veesuiplings gebruik.

**Luggehalte:** Die omringende luggehalte is beïnvloed deur naburige myne, die verbranding van huishoudelike brandstof en voertuie se uitlaatgasse.

**Geraas:** Die breër gebied word algemeen gekenmerk deur landelike eienskappe en is nie blootgestel aan verhoogde geraasvlakke nie. Geraasvlakke in die projekgebied word hoofsaaklik deur omliggende boerderybedrywighede, plaaslike verkeer en mynboubedrywighede veroorsaak.

**Visueel:** Die beoogde projekgebied is geleë in die plat, oop vlaktes van die Kalahari. Die terrein is landelik van aard, hoewel die bestaande omliggende mynboubedrywighede wat suid van die beoogde projekterrein geleë is, die gevoel van plek en die natuurlike visuele karakter van die gebied reeds geaffekteer het.

**Erfenis-/Kultuur- en paleontologiese hulpbronne:** Erfenishulpbronne in die algemene omgewing sluit in begraafplase en grafte, geskiedkundige plaasopstalle en strukture en terreine wat om die rivieroewers gekonsentreerd is wat uit die Middel- en Laatsteentydperk dateer. Die terrein se paleontologiese sensitiviteit is laag, hoewel daar 'n moontlikheid van aanwesige Stromatoliete in die projekgebied is.

**Sosio-ekonomies:** Die dorp Black Rock is sowat 2,5 km suid van die beoogde projekgebied geleë. Die opvoedingsvlakke in die gebied is betreklik laag met 'n hoë werkloosheidsvlak en 'n afhanklikheid van bestaansboerdery, die openbare sektor, seisoenswerkers en emplojering in die mynbousektor. Watervoorsiening en sanitasie bly 'n uitdaging, veral in landelike gebiede. Daar was 'n toename in die aantal huishoudings in die gebied wat elektrisiteit as kragbron ontvang het. Mynbou en staatsdienste is die primêre ekonomiese sektore.

#### POTENSIËLE OMGEWINGS-/KULTUUR-/ SOSIO-EKONOMIESE IMPAKTE

Die onderstaande voorlopige lys van potensiële impakte is geïdentifiseer. Hierdie lys is geskoei op SLR se ervaring met soortgelyke prospekterprojekte. Weens die klein skaal en tydelike aard van die beoogde prospekterbedrywighede, sal die impakte wat met die projek verband hou, na verwagting minimaal wees.

Potensiële impakte sluit in:

- veiligheidsrisiko's wat die infrastruktuur en uitgrawings inhou;
- gronderosie en/of besoedeling;
- 'n verlies aan plant- en dierspesies by die boorterreine;
- besoedeling van oppervlakwaterhulpbronne;
- kontaminasie van grondwaterhulpbronne;
- stofopwekking;
- 'n toename in geraasbesoedeling;
- verlies aan erfenishulpbronne (insluitend grafte) sou dit op die terrein voorkom;
- 'n verlies aan grondgebruik en -vermoë;
- sosio-ekonomiese voordele deur die verlenging van bestaande indiensnemingskontrakte.



## OMGEWINGSMAGTIGINGSPROSES

Die omgewingsevalueringproses:

- bied inligting oor die projek en die omgewing waarin dit onderneem word;
- identifiseer die potensiele negatiewe en positiewe omgewings-/kultuur-/sosio-ekonomiese impakte deur skakeling met B&GP's;
- doen verslag oor bestuursmaatreëls wat nodig word om impakte te versag en inkorporeer vereistes vir moniteringsprogramme (waar nodig).

Die proses se waarskynlike stappe en tydsraamwerke word hieronder verskaf.

### FASE I – AANSOEKFASE (November 2019)

- Opstel van die NEMA-aansoek
- Indiening van die NEMA-aansoek by die DMH

### FASE II – BEV-fase (November 2019 - Januarie 2020)

- Stel owerhede wat kommentaar lewer en B&GP's in kennis van die beoogde projek en omgewings-evalueringproses (deur koerantadvertensies, terreinkennisgewings en die AID)
- Opstel van BEV en opsomming, verspreiding aan B&GP's en owerhede wat verslag doen vir 30-dae insaetydperk (November 2019)
- Bywerking van die BEV by met kommentaar wat tydens die openbare insaetydperk ontvang is

### FASE III – Bevoegde owerheid insaefase (Januarie 2020 – April 2020)

- Indiening van BEV (met insluiting van kommentaar wat tydens die insaetydperk geopper is) by die DMH vir besluitneming (107-dae afgekondigde besluitnemingstydperk)
- Sirkuleer die DMH se besluit aan B&GP's op die projek se databasis

## PARTYE BETROKKE BY DIE OMGEWINGSEVALUERINGSPROSES

### BESLUITNEMINGSOWERHEDE

- Noord-Kaapse Departement van Minerale Hulpbronne (DMH)

### B&GP's

- Grondeienaars en grondgebruikers in/langs die prospekterreggebied
- Gemeenskappe in/langs die prospekterreggebied
- Semi-staatsinstellings

### BEVOEGDE OWERHEDE EN OWERHEDE WAT KOMMENTAAR LEWER

- Noord-Kaapse Departement van Omgewingsake & Natuurbewaring (DENC)
- Noord-Kaapse Departement van Water en Sanitasie (DWS)
- Noord-Kaapse Departement van Landelike Ontwikkeling en Grondhervorming (DRDLR)
- Suid-Afrikaanse Erfenishulpbrongagentskap (SAHRA) en/of Provinsiale Erfenishulpbronerheid (PHRA)
- Noord-Kaapse Departement van Landbou, Bosbou en Visserye (DAFF)
- Noord-Kaapse Departement van Paaie en Vervoer (NCDRT)

### PLAASLIKE OWERHEID

- Joe Morolong Plaaslike Munisipaliteit (met insluiting van wyksraadslid)
- John Taolo Gaetsewe Distriksmunisipaliteit

**Stel ons asseblief in kennis as daar nog partye is wat betrokke moet wees.**

# KHWARA MANGANESE (EDMS.) BPK.

## AGTERGRONDINLIGTINGSDOKUMENT VIR DIE AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43, AFDELING KURUMAN REGISTRASIE, NOORD-KAAPPROVINSIE

DATUM		TYD		
BESONDERHEDE VAN DIE BELANGSTELLEDE EN GEAFFEKTEERDE PARTY				
NAAM				
BELANG BY DIE BEOOGDE PROJEK				
POS-/STRAATADRES				
		POSKODE		
TELEFOONNOMMER BY DIE WERK/BEDAGS		FAKSNOMMER BY DIE WERK/BEDAGS		
SELFOONNOMMER		E-POSADRES		
REGISTREER MY ASSEBLIEF FORMEEL AS 'N BELANGSTELLEDE EN GEAFFEKTEERDE PARTY (B&GP) SODAT EK VERDERE INLIGTING EN KENNISGEWINGS TYDENS DIE OMGEWINGSIMPAKEVALUERINGSPROSES KAN ONTVANG.			JA	NEE
HOE WIL U U KENNISGEWINGS ONTVANG?			E-POS	
			GEREGISTREERDE POS (PER POS)	
			FAKS	

SKRYF U KOMMENTAAR EN VRAE ASSEBLIEF HIER NEER (gebruik gerus aparte bladsye as u wil)

--

SLUIT ASSEBLIEF DIE VOLGENDE VAN MY KOLLEGAS/VRIENDE/BURE IN AS B&GP'S VIR HIERDIE PROJEK:

--------------

Stuur ingevulde vorms asseblief terug aan:

Clive Phashe  
SLR Consulting (South Africa) (Edms.) Bpk.  
Tel: 011 467 0945 en/of Faks: 011 467 0978  
E-pos: cphashe@slrconsulting.com

**DANKIE VIR U BYDRAE!**

**List of REGISTERED LETTERS**  
**Lys van GEREgistreerde BRIEWE**  
*(with an insurance option/met 'n versekeringsopsie)*



**Post Office**

**Full tracking and tracing/Volledige volg en spoor**

Name and address of sender:  
 Naam en adres van afsender:

SLR Consulting (South Africa) (Pty) Ltd  
 Consulting Engineers, Scientists  
 and Environmental Specialists

**SLR**

Tel: (011) 487-0845

Reg No: 2007/005517/07

Fax: (011) 487-0978

Vat No: 4630242196

Fourways Office

Unit 7, Fourways Manor Office Park

PO Box 1596

1 Macbeth Avenue

Cramerville

Fourways, Johannesburg

2000

South Africa

South Africa

For more details  
 Toll free number  
 1 only number  
**0800 111 502**

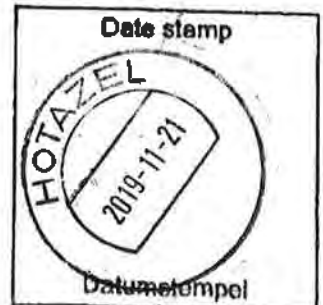
No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor- klantafskrif REGISTERED LETTER <i>(with a domestic insurance option)</i> RD 841 825 579 ZA A BOOK COPY
1	JOHAN MOUPS PO BOX 58, KURUMAN, 8060					REGISTERED LETTER <i>(with a domestic insurance option)</i> RD 841 825 579 ZA A BOOK COPY
2	AMARI RESOURCES PO BOX 210, MELKOSE ARCH, 2016					REGISTERED LETTER <i>(with a domestic insurance option)</i> RD 841 825 596 ZA A BOOK COPY
3						
4						
5						
6						
7						
8						
9						
10						
Number of letters posted Getal briewe gepos		Total Totaal	R	R	R	R

Signature of client

Handtekening van klient

Signature of accepting officer

Handtekening van aanneembeampte



The value of the contents of these letters is as indicated and compensation is not payable for a letter received unconditionally. Compensation is limited to R100,00. No compensation is payable without documentary proof. Optional insurance of up to R200,00 is available and applies to domestic registered letters only.

Die waarde van die inhoud van hierdie briewe is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorbehoud ontvang word nie. Vergoeding is beperk tot R100,00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering van tot R2 000,00 is beskikbaar en is slegs op binnelandse geregistreerde briewe van toepassing.

# **Site notices and Proof of placement (map and photos)**



## PUBLIC PARTICIPATION PROCESS

### KHWARA MANGANESE (PTY) LTD

#### BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Eersbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of ten prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

- Temporary ablation facilities for contractors;
- The establishment of a temporary access track;
- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and dill rig; and
- The demarcation of the prospecting site.

Notice is hereby given of the applications to be made for authorisation of the proposed project in terms of the environmental legislation listed below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) and Environmental Impact Assessment Regulations, 2014 as amended.	<b>GNR 983. Listing Notice 1:</b> Activity 20: Any activity including the operation of that activity which requires a prospecting right in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	<ul style="list-style-type: none"> <li>• Environmental Authorisation Application</li> <li>• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies</li> <li>• Stakeholder engagement</li> </ul>	Northern Cape Department of Mineral Resources
	<b>GNR 983. Listing Notice 1:</b> Activity 22: The decommissioning of any activity requiring a closure certificate in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).		
	<b>GNR 983. Listing Notice 1:</b> Activity 27: The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.		

SLR Consulting (South Africa) (Pty) Ltd, an independent firm of environmental consultants, has been appointed by Khwara to manage the Basic Assessment and the Public Participation Process.

All stakeholders are invited to register as Interested and Affected Parties (I&AP). All registered I&APs will continue to be given the opportunity to participate and comment for the full duration of the Basic Assessment and Public Participation Processes. Registered I&APs will be notified when the Basic Assessment Report will be available for public review. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:

#### Clive Phashe

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

Tel: 011 467 0945

Fax: 011 467 0978

Post: PO Box 1596, Cramerview, 2060

(Note: If using post, please also contact us telephonically to notify us of your submission).



## OPENBARE DEELNAMEPROSES

### KHWARA MANGANESE (EDMS.) BPK.

#### BASIESE EVALUERINGSPROSES VIR 'N AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43

Khwara Manganese (Edms.) Bpk. (Khwara) beoog om prospekterbedrywighede vir Ystererts en Mangaan te onderneem op die plaas Eersbegint 703/43 naby Black Rock in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaaprovinsie. Die eiendom is 27 km noordwes van Hotazel. Die prospekterbedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontleiding van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting. Wanneer die nie-ingrypende bedrywighede eers afgehandel is, kan die prospekterboorgate (ingrypende bedrywighede) se posisies bepaal word. Ingrypende bedrywighede sal bestaan uit die boor van tien prospekterboorgate oor 'n tydperk van twee jaar. Die volgende geriewe en bedrywighede word by elk van die terreine met prospekterboorgate benodig:

- Tydelike ablusiegeriewe vir kontrakteurs;
- Die daarstel van 'n tydelike toegangspoor;
- Mynputte met plastiekvoerings;
- Tydelike berging van gevaarlike en nie-gevaarlike afval;
- 'n Area met 'n HDPE-seilvoering en 'n boorinstallasie; en
- Die afbakening van die prospekterterrein.

Kennis geskied hiermee van die aansoeke wat gerig gaan word vir die magtiging van die beoogde projek ingevolge die omgewingswetgewing wat hieronder gelys is:

Wetgewing	Gelyste aktiwiteite	Belangrike Elemente van Proses	Bevoegde Owerheid
Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) en die Regulasies op Omgewings-impakevaluering, 2014, soos gewysig	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 20: Enige aktiwiteit, insluitend die bedryf van daardie aktiwiteit, wat 'n prospekterreg vereis ingevolge Artikel 16 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne, 2002 (Wet 28 van 2002).	<ul style="list-style-type: none"> <li>• Aansoek om Omgewingsmagtiging</li> <li>• Basiese Evalueeringsverslag, met insluiting van 'n Omgewingsbestuurs-program en stawende spesialisstudies</li> <li>• Skakeling met belanghebbers</li> </ul>	Noord-Kaapse Departement van Minerale Hulpbronne
	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 22: Die uitbedryfstelling van enige aktiwiteit wat 'n sluitingsertifikaat vereis ingevolge Artikel 43 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne, 2002 (Wet 28 van 2002).		
	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 27: Die uitroei van inheemse plantegroei op 'n oppervlak van 1 ha of groter, maar kleiner as 20 ha.		

SLR Consulting (South Africa) (Edms.) Bpk., 'n onafhanklike firma van omgewingskonsultante, is deur Khwara aangestel om die Basiese Evalueerings- en die Openbare Deelnameproses te bestuur.

Alle belanghebbers word genooi om as belangstellende en geaffekteerde partye (B&GP's) te registreer. Alle geregistreerde B&GP's sal steeds vir die volle tydsduur van die Basiese Evalueerings- en Openbare Deelnameproses die geleentheid hê om deel te neem en kommentaar te lewer. Geregistreerde B&GP's sal in kennis gestel word van wanneer die Basiese Evalueeringsverslag beskikbaar sal wees vir openbare insae. Tree in verbinding met SLR by die kontakbesonderhede hieronder om te registreer of om te kyk of u wel geregistreer is en/of om enige kommentaar op die beoogde projek en prosesse in te dien:

#### Clive Phashe

E-pos: [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

Tel: 011 467 0945

Faks: 011 467 0978

Posadres: Posbus 1596, Cramerview, 2060

(Let wel: As u die posdiens gebruik, moet u ons asseblief ook telefonies kontak om ons in kennis te stel van u indiening.)



**Photo 1: Entrance to Eerstbegint farm**



**Photo 2: Hotazel Public Library**



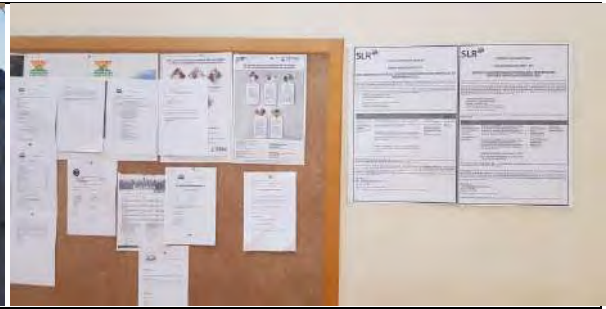
**Photo 3: Blackrock OK Supermarket**



**Photo 4: John Taolo Gaetsewe District Municipality**



**Photo 5: Hotazel OK Supermarket**



**Photo 6: Joe Morolong Local Municipality**



**Photo 7: Gamagara Local Municipality**

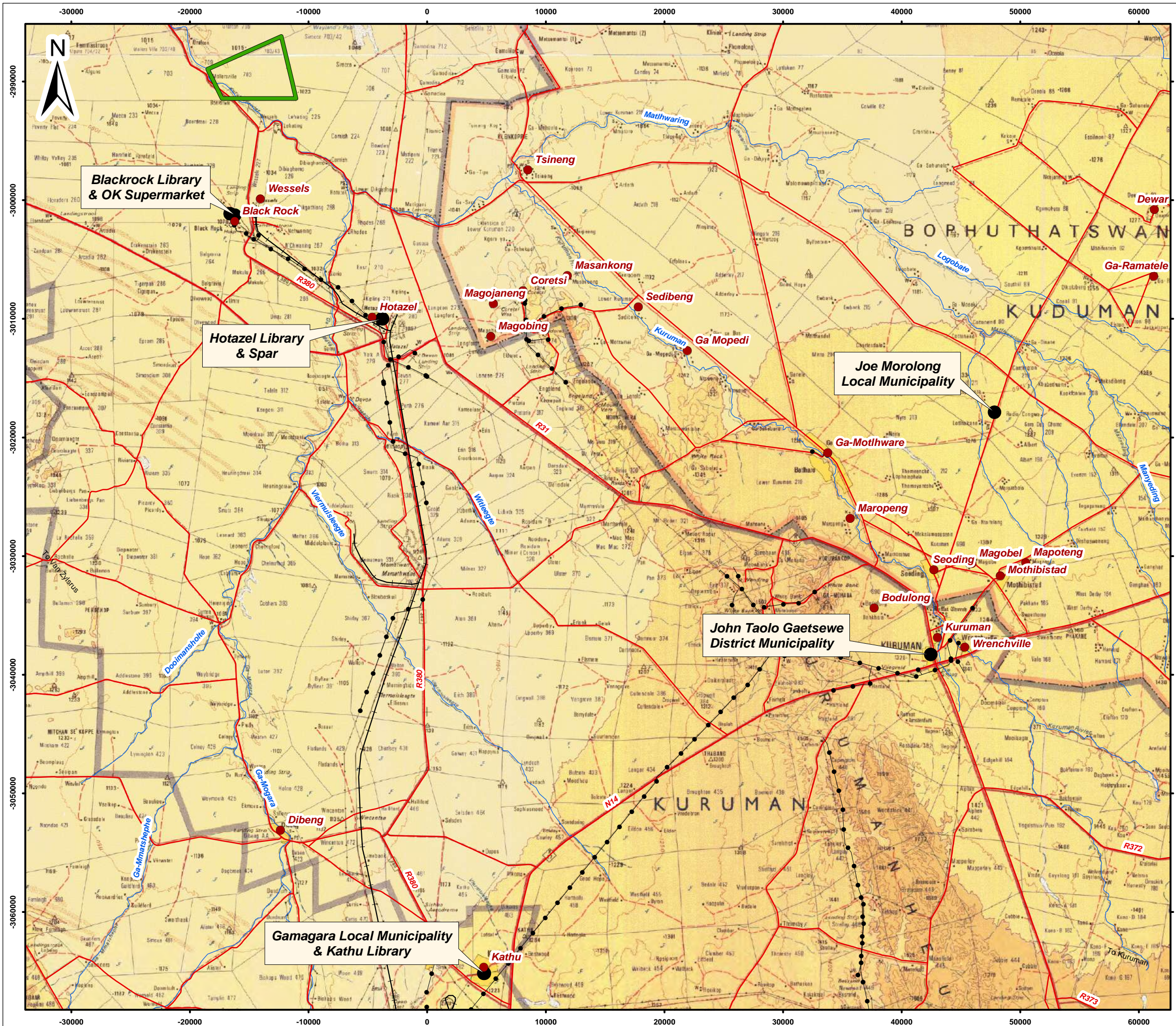


**Photo 8: Blackrock Public Library**

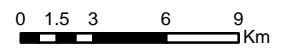


**Photo 9: Kathu Public Library**





- Legend**
- Towns
  - +— Railway
  - Powerline
  - Roads
  - Rivers
  - ▭ Proposed Project Area
  - Site Notice Locations



Scale: 1 : 300 000 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

KWHARA MANGANESE (PTY) LTD

**Site Notice Locations**



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

720.11033.00002

2019/11/26

# **Advertisements placed in the Kathu Gazette and the Kalahari Bulletin**

POSTMASBURG

# Langasems tree af na langdiens termyne

Mimi Swart



**Me Johanna Modungwe wat na 30 jaar diens by Spar Supermark afgetree het.**



**Me Rosie Witbooi (30 jaar) bekende gesig by die groente-afdeling sê dit het tyd geraak om stadiger te lewe.**



**Mnr Hennie Kotze van die Tsantsabane munisipaliteit wat einde Augustus 2019 na baie jare afgetree het.**



**Me Jeanet Neels (34 jaar) wat in 1985 by Spar begin werk het, gaan ook nou rustig raak.**

Munisipaliteit: Mnr Hennie Kotze (26 - plus jare) wat by die plaaslike Munisipaliteit as uitgawe Rekenmeester 26 jaar in diens was (hy was hier en 'n ruk weg en het weer later hier begin werk – wat sy totale diens meer as 36 jaar by munisipaliteit maak) het aan die einde van Augustus 2019 afgetree. Hy het so stil-stil uit die diens getree dat 'n mens sy nie-teenwoordigheid laat agtergekom het. 'n Geseënde aftrede jou toegewens, Hennie, mag jy en An-netjie die rustige tyd geniet.

Mnr Kotze is een van drie dorpeneers wat die afgelope tyd die tuig neergelê het. Mev Annetjie Oosthuizen en Irene Kloppers is die ander twee wat 25 jaar diens gehad het tydens hul aftrede.

Spar Supermark: Drie veterane wat oor die jare sinoniem met Spar geword het en gemis sal word het saam aan die einde van November afgetree.


Jeanet Neels (34 jaar): Die bekende staatsmaker by die Bakkery en Deli-afdeling, het vele eienaars en bestuurders gesien kom en

gaan. Sy tree af na 34 jaar in diens van die plaaslike supermark.

Johanna Modungwe (30 jaar): Haar teenwoordigheid by die Groente-afdeling en behulpsaamheid was 'n riem onder die hart. Die afvalblare wat die kanaries so geniet het, is waardeer Johanna.

Rosie Witbooi (30 jaar): Hierdie klein besige bytjie se gesig word na 'n week reeds in die Groente-afdeling gemis. Rosie sê sy gaan nou haar kleinkinders soggens skool toe vat.

Hierdie vier langdienswerkers is 'n voorbeeld van bestendigheid by 'n instansie wat dienslewering hulle lewenswyse gemaak het. Met die jare wat toeneem, word die liggaamlike eise hoër en in die huidige tyd daarmee saam die vereistes ook hoër – ten spyte daarvan het hulle 'n lang en goeie diensydperk vir Postmasburg gelewer. ONS SÊ DANKIE.



## PUBLIC PARTICIPATION PROCESS KHWARA MANGANESE (PTY) LTD

### BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM BOERDRAAI 228

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Boerdraai 228 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of four prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

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- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and dill rig; and
- The demarcation of the prospecting site.

Notice was previously given of the applications to be made for authorisation of the proposed project in terms of the environmental legislation listed below:

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It is understood that the ore body is anticipated to be towards the north eastern section of the farm Boerdraai 228 near the Kuruman River. In this regard, additional listed activities have been identified in addition to the activities listed above. These are listed in the table below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) as amended.	<b>NEMA: GNR 985 Listing Notice 3: Activity 12</b> – The clearance of an area of 300 square metres or more of indigenous vegetation within critical biodiversity areas <b>NEMA: GNR 983 Listing Notice 1: Activity 12</b> – The development of infrastructure with a physical footprint of 100 square metres or more within 32 metres of a watercourse and in front of a development setback <b>NEMA: GNR 985 Listing Notice 3: Activity 14</b> – The development of infrastructure or structures with a physical footprint of 10 square metres or more within a watercourse, sensitive areas and critical biodiversity areas.	<ul style="list-style-type: none"> <li>• Environmental Authorisation Application</li> <li>• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies</li> <li>• Stakeholder engagement</li> </ul>	Northern Cape Department of Mineral Resources

SLR Consulting (South Africa) (Pty) Ltd, an independent firm of environmental consultants, has been appointed by Khwara to manage the Basic Assessment and the Public Participation Process.

The BAR has been distributed for a 30 day comment period until 30 January 2020 in order to provide I&APs with an opportunity to comment on any aspect of the proposed project and the aspects which they want to be covered in the BA process. Copies of the full report are available on the SLR website (at <https://slrconsulting.com/za/slr-documents/>) and at the Joe Morolong Local Municipality, John Taolo Gaetsewe District Municipality, Hotazel Public Library and Kathu Public Library, Black Rock Library. Electronic copies (compact disk) of the report are available from SLR, at the contact details provided below. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:

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## PUBLIC PARTICIPATION PROCESS KHWARA MANGANESE (PTY) LTD

### BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Eersbegint 703 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of ten prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

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It is understood that the ore body is anticipated to be towards the south western section of the farm Eersbegint 703 near the Kuruman River. In this regard, additional listed activities have been identified in addition to the activities listed above. These are listed in the table below:

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**WINDMEUL  
DROOGTEHULP  
INISIATIEF**



**# DROOGTE VRIENDIN  
# DROOGTE GESIN  
Bederfbokse vir Kersfees**

## PAKLYS BASIESE ITEMS

Onderarm mans  
& dames  
Deodorant mans  
& dames  
Shampoo  
Conditioner  
Tandepasta  
Tanderborsel  
Sonroom  
Gesigroom  
Handerom  
Voetroom

Skeermessies  
Skeerroom  
Sponsie  
Waslap  
Bodywash  
Lyfseep  
Stortgel  
Pleisters  
Panado

Sanitêre doekies  
Oorstokkies  
Watte  
Tissues  
Haarrekkies  
Pen & notaboekie  
Lekkergoed wat nie  
smelt nie  
Afdroogdoek  
Sponsie  
Handsanitiser

## EKSTRA BEDERF ITEMS

Serp  
Oorbelle  
Grimering  
Dames tydskrif

Keps vir mans  
Mans tydskrif  
Inkleurboeke  
Inkleurkryte

Vir enige navrae kontak:

Ané Fourie  
082 771 7603

anecartens@vodamail.co.za  
droogtevriendin@gmail.com



# #genoegisgenoeg

Ons vroue en kinders  
**verdien beter.**



“Die beste manier om geweld teen vroue en meisies te beëindig is om te voorkom dat dit in die eerste plek gebeur.”

UN Women

**MEDIA 24**

**SLR**

PUBLIC PARTICIPATION PROCESS

KHWARA MANGANESE (PTY) LTD

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	<b>GNR 983. Listing Notice 1: Activity 22:</b> The decommissioning of any activity requiring a closure certificate in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).		
	<b>GNR 983. Listing Notice 1: Activity 27:</b> The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.		

It is understood that the ore body is anticipated to be towards the north eastern section of the farm Boerdraai 228 near the Kuruman River. In this regard, additional listed activities have been identified in addition to the activities listed above. These are listed in the table below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) as amended.	<b>NEMA: GNR 985 Listing Notice 3: Activity 12</b> – The clearance of an area of 300 square metres or more of indigenous vegetation within critical biodiversity areas	<ul style="list-style-type: none"> <li>• Environmental Authorisation Application</li> <li>• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies</li> <li>• Stakeholder engagement</li> </ul>	Northern Cape Department of Mineral Resources
	<b>NEMA: GNR 983 Listing Notice 1: Activity 12</b> - The development of infrastructure with a physical footprint of 100 square metres or more within 32 metres of a watercourse and in front of a development setback		
	<b>NEMA: GNR 985 Listing Notice 3: Activity 14</b> - The development of infrastructure or structures with a physical footprint of 10 square metres or more within a watercourse, sensitive areas and critical biodiversity areas.		

SLR Consulting (South Africa) (Pty) Ltd, an independent firm of environmental consultants, has been appointed by Khwara to manage the Basic Assessment and the Public Participation Process.

The BAR has been distributed for a 30 day comment period until **30 January 2020** in order to provide I&APs with an opportunity to comment on any aspect of the proposed project and the aspects which they want to be covered in the BA process. Copies of the full report available on the SLR website (at <https://slrconsulting.com/za/slr-documents/>) and at the Joe Morolong Local Municipality, John Taolo Gaetsewe District Municipality, Hotazel Public Library and Kathu Public Library, Black Rock Library. Electronic copies (compact disk) of the report are available from SLR, at the contact details provided below. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:

Clive Phashe  
Email: cphashe@slrconsulting.com  
Tel: 011 467 0945  
Fax: 011 467 0978  
Post: PO Box 1596, Cramerview, 2060  
(Note: If using post, please also contact us telephonically to notify us of your submission).

**SLR**

PUBLIC PARTICIPATION PROCESS

KHWARA MANGANESE (PTY) LTD

### BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Eersbegint 703 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of four prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

- Temporary ablation facilities for contractors;
- The establishment of a temporary access track;
- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and dill rig; and
- The demarcation of the prospecting site.

Notice was previously given of the applications to be made for authorisation of the proposed project in terms of the environmental legislation listed below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) and Environmental Impact Assessment Regulations, 2014 as amended.	<b>GNR 983. Listing Notice 1: Activity 20:</b> Any activity which requires a prospecting right in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	<ul style="list-style-type: none"> <li>• Environmental Authorisation Application</li> <li>• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies</li> <li>• Stakeholder engagement</li> </ul>	Northern Cape Department of Mineral Resources
	<b>GNR 983. Listing Notice 1: Activity 22:</b> The decommissioning of any activity requiring a closure certificate in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).		
	<b>GNR 983. Listing Notice 1: Activity 27:</b> The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.		

It is understood that the ore body is anticipated to be towards the south western section of the farm Eersbegint 703 near the Kuruman River. In this regard, additional listed activities have been identified in addition to the activities listed above. These are listed in the table below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) as amended.	<b>NEMA: GNR 985 Listing Notice 3: Activity 12</b> – The clearance of an area of 300 square metres or more of indigenous vegetation within critical biodiversity areas	<ul style="list-style-type: none"> <li>• Environmental Authorisation Application</li> <li>• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies</li> <li>• Stakeholder engagement</li> </ul>	Northern Cape Department of Mineral Resources
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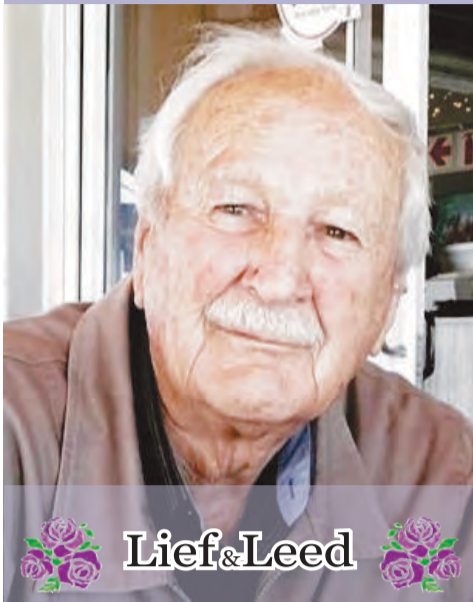
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## POSTMASBURG

Mimi Swart



Lief &amp; Leed

Mnr Jannie Jacobs.

**B**ekende in kerk- en boerderybelange oorlede: Mnr Jannie Jacobs (89) van Hertzogstraat Postmasburg, is in Bloemfontein oorlede waar sy vrou, Ria, opgeneem was vir 'n angiogram en 'n stent in een van haar hoofslagare. Vermoedelik het hy 'n hartaanval gehad.

Mnr Jacobs en sy vrou het 70 jaar op die plaas Koedoesnek geboer en 20 jaar gelede dorp toe getrek. Van hier het hy nog vir 10 jaar in-en-uit gery vir sy boerderybelange.

Hy laat sy vrou, Ria, en vier getroude dogters agter: Hanlie van Staden (plaas Postmasburg omgewing), Maretha Nowers (plaas in Postmasburg omgewing), Annette Verdoes van Upingon en Jeanne Wasserman van Stellenbosch; ook 10 kleinkinders.

Mnr. Jacobs was 'n bekende in landbousake en was hy altyd deel van aksies in dié verband. Ook was hy en sy vrou aktiewe lidmate van die plaaslike NG Kerk;



Bo: Ds. en mev. Ruan en Doret du Plooy van die NG Kerk op Postmasburg.

ook soos hy na sy skielike afsterwe beskryf is as "n ware gentleman is weg".

Mnr. Jacobs se ter aarde bestelling sal op 29 November 2019 om 10:00 op die plaas Koedoesnek plaasvind. Die verrigtinge vanuit die NG Kerk sal nog verneem word.

**Mev Ria Jacobs** het in Bloemfontein 'n operasie ondergaan om 'n stent in 'n hoofslagaar aan te bring. Sy is in die hoërsorg-eenheid en sal moontlik op 21 November 2019 ontslaan word.

**Mnr Rudi de Bruyn**, seun van Kleinboet en Marthie de Bruyn van Shamstraat, het 'n seldsame operasie vir 'n gewas in die brein in Bloemfontein ondergaan. Terugvoering nog nie ontvang nie.

**Mnr John Stapleton** van Jenn Haven, wat in Bloemfontein vir 'n bringewas geopereer is, het op 19 November begin om bestraling in Bloemfontein te ontvang.

Aan bogenoemde persone wat Sy bystand so nodig het: Mag Hy u bystaan, be-moedig en genees. Sterkte toegebied.

## POSTMASBURG

Mimi Swart

## Nederduits Gereformeerde gemeente Postmasburg 90-jaar oud

Heel bo, links: Die ou NG-kerk gebou voor die brand. Middel: Die afgebrande kerkgebou. Regs: Die herboude NG-kerk Postmasburg.

**D**ie gemeente van die NG Kerk op Postmasburg het die afgelope naweek luisterryk sy 90-jarige bestaan gevier.

Saterdag is 'n gratis verjaarsdagete in die Gemeentesentrum genuttig en Sondagoggend is Nagmaal gevier waarna die tiendemaand dankoffer kovertjies opgeneem is. Die jaarlikse kerssangediens is ook Sondagoggend gereël om by die verjaarsdag-program in te pas. Tydens die Kerssangediens het verskeie kerkdenominasies se kerkleiers voorlesings gedoen en items is deur individue en die skole gelewer; afwisselend met gemeentesamesang. Die breër deel van die inwoners deel jaarliks in hierdie kersatmosfeer.

**Geskiedenis in 'n neutdop:** Voor die stigting van die NG Gemeente op 16 November 1929, was Postmasburg 'n wykskerkraad van Griekwastad met 'n eie kerkie in Hoofstraat Postmasburg. (Oorkant die straat is Rainbow Furnishers.) Die Ringskommissie van Griekwastad en die Postmasburg wyksgemeente met 'n groot aantal belangstellendes het die gemeente met 400 lidmate gestig en in dieselfde jaar ook die sendinggemeente Postmasburg – Griekwastad.

**Lief – en – Leed** loop soos 'n goue draad deur die gemeentegeskiedenis, beginnende kort na die gemeente se stigting. Tydens die depressiejare van 1933 was die gemeente vir 20 maande afhanklik van die armsorgkantoor in Kaapstad aangesien hulle nie die predikant se salaris kon betaal nie. Aan die einde van 1934 het Prop. S J Botha na die gemeente gekom. Die finansies het geleidelik genormaliseer – die skuld is afbetaal, die kerkeiendom vergroot en 'n CSV-tak is gestig (Christelike Sending Vereniging). Toe ds. Botha in 1943 weg is, was daar 510 lidmate en die sieletal 1020. Die gemeente het later jare soms tot drie leraars gehad aangesien daar altyd 'n inspuiting was wat vir 'n toename in die lidmaatal gesorg het. In die vroeë sestiger-

jare het Spoornet vir groot uitbreiding gesorg toe die eerste lang treine die myne se groot ysterertsleweringe begin vervoer het. 'n Groot aantal huise vir die personeel is gebou. Daarna was die Weermaguitbreiding weer aktief waar kapelane in die kerk behulpsaam was en het die dorp ooglopend by dié vestigings gebaat.

'n Groot ramp wat die gemeente egter getref het, is toe die sierlike kerkgebou, waarvan die inwyding op 1 tot 2 Desember 1956 plaasgevind het, op 25 November 1988 afgebrand het. 'n Brandstigter was vir dié ramp verantwoordelik en het ná die daad ook by die Sparwinkel ingebreek – met die banksak van die Kinderkrans van destyds! Sy lot is onduidelik; onbevestigde gerugte wil dit hê dat hy vier jaar later sy bed in die selle ook aan die brand gestee het en dood is.

**Herbou:** Aangesien net die toring behoue gebly het, is daar dadelik met beplanning begin. Skenkings, fondsinsamelings, verkopings, gereelde sentleggings by die Kinderkrans vir 'n orrel, was aan die orde van die dag. Intussen het die kerkdienste in die laerskoolsaal plaasgevind, troues en begrafnisse is soms in die Geref. Kerk gehou.

'n Nuwe kerkgebou het op dieselfde plek as die oue verrys – wat die naweek van 26-28 April 1991 in gebruik geneem is.

Bekende name en vanne van kerkstigters van 1929 figureer steeds in hul nageslagte in die gemeente.

Met groot dankbaarheid is die naweek teruggekyk na stigters, herders, gemeentelede en individue wat oor jare heen die toets van die tyd weerstaan het. Die gemeente het nooit in verslaetheid verval nie. Mag die huidige aanslae met die leiding van dieselfde Vader wat tot hertoe gelei het, en 'n biddende gemeente, ook in Sy lig die regte koers bewandel.

Die huidige leraarspaar, vanaf 18 Februarie 2018, is ds en mev Ruan en Doret du Plooy.

SLR

### PUBLIC PARTICIPATION PROCESS KHWARA MANGANESE (PTY) LTD.

#### BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Eersbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of ten prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

- Temporary ablation facilities for contractors;
- The establishment of a temporary access track;
- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and drill rig; and
- The demarcation of the prospecting site.

Notice is hereby given of the applications to be made for authorisation of the proposed project in terms of the environmental legislation listed below:

Legislation	Listed Activities	Key Process Elements	Competent Authority
National Environmental Management Act (No. 107 of 1998) and Environmental Impact Assessment Regulations, 2014 as amended.	<b>GNR 983. Listing Notice 1:</b> Activity 20: Any activity including the operation of that activity which requires a prospecting right in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002). <b>GNR 983. Listing Notice 1:</b> Activity 22: The decommissioning of any activity requiring a closure certificate in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002). <b>GNR 983. Listing Notice 1:</b> Activity 27: The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.	Environmental Authorisation Application Basic Assessment Report, including Environmental Management Programme and supporting specialist studies Stakeholder engagement	Northern Cape Department of Mineral Resources

SLR Consulting (South Africa) (Pty) Ltd, an independent firm of environmental consultants, has been appointed by Khwara to manage the Basic Assessment and the Public Participation Process.

All stakeholders are invited to register as Interested and Affected Parties (I&AP) and submit any initial comments to SLR by 06th December 2019. All registered I&APs will continue to be given the opportunity to participate and comment for the full duration of the Basic Assessment and Public Participation Processes. Registered I&APs will be notified when the Basic Assessment Report will be available for public review. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:

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## Bid soos Jabes

Name het gewoonlik 'n spesifieke betekenis gehad in die Bybel se tyd. 1Kron.4:9 "...en sy moeder het hom Jabes genoem en gesê: Ek het met smart gebaar." Jabes is elke keer daaraan herinner wanneer hy sy naam gehoor het. Ons lees ook dat Jabes meer geëerd was as sy broers. Die rede daarvoor sien ons in sy gebed. Jabes het nie vasgekyk teen die negatiewe betekenis van sy naam nie.

Hy het met volle vertroue die Here aangeroep, want hy het geglo dat God wonderlik goed is en graag Sy seën oor Sy kinders wil uitstort. God verhoor sy gebed. Miskien bevind jy jou in negatiewe omstandighede. Moontlik is daar woorde oor jou uitgespreek wat jou minderwaardig laat voel. Jy kan ook soos Jabes in nederige afhanklikheid die Here aanroep en Hy sal die slegte omstandighede en woorde verander in 'n seën.

**1** Kron 4:10 "En Jabes het die God van Israel aangeroep en gese: As U my ryklik seën en my grondgebied vermeerder en U hand met my sal wees en U die onheil afweer, sodat my geen smart tref nie! En God het laat kom wat hy begeer het."

# Mesdood 'is almal se skuld'

**Kaydene Davids**

“Sonder om dramaties te klink, dink ek feitlik alle volwasse Suid-Afrikers moet skuld vir hierdie kind se dood aanvaar.

“Watter voorbeeld stel ons vir die jeug? Hoe tree ons op ons paaie, in lang rye in die bank, of in winkels op? Wanneer alles by die huis nie vlot verloop nie, of tydens stakings?”

Só sê prof. Corene de Wet, navorsingsgenoot verbonde aan die Suid-kampus van die Universiteit van die Vrystaat, ná die moord op Ranishia Athleen van Wyk (14) in die hoof se kantoor by die Rosendal Intermediêre Skool in Upington.

Sy is na bewering Woensdagoggend (20/11) deur 'n 16-jarige meisie met 'n mes doodgesteek.

Die twee het glo die vorige dag stry gekry en het Woensdag aan die begin van die skooldag in die kantoor gewag waar die hoof met hulle wou praat.

Ranishia, oftewel Poena, soos sy bekend was, is glo doodgesteek voordat die hoof opgedaag het.

Sy is een keer in die bors gesteek en is op pad na die hospitaal dood. Die meisies is albei gr. 8-leerlinge aan dié skool.

De Wet sê die voorval spreek van die algehele verval van positiewe waardes in die Suid-Afrikaanse samelewing.

Volgens haar word ongedisiplinerde optrede by implikasie

**Hoekom?**

Lelani van Wyk, Ranishia se tante, sê hulle het geen idee wat tot die voorval aanleiding gegee het nie.

“Ons weet nie hoekom dit gebeur het nie. Ons soek ook steeds antwoorde.”

Sy sê hulle hoop om binnekort met van Ranishia se vriende te praat om meer lig op die voorval te werp.

**#Boeliesmustfall**

Esmarelda McKay, 'n gemeenskaps-aktivis, sê die

tyd vir praat is verby. Daadwerklike optrede is nodig om boelies vas te vat en veiligheid by skole te verbeter.

“Dit moet duidelik gestel word dat sulke gedrag onaanvaarbaar is.”

Volgens haar is daar ook 'n leemte in gemeenskappe en 'n gebrek aan rolmodelle waarna kinders kan opkyk.

“Vroeër jare was skoonheids-kompetisies 'n groot gebeurtenis in veral klein gemeenskappe, maar dit gebeur glad nie meer nie. Dié leemtes behoort gevul te word.”

**Ranishia Athleen van Wyk (14) is dood nadat 'n medeleerling haar glo in hul skoolhoof se kantoor met 'n mes gesteek het.**

Foto: Facebook

goedgekeur.

“Die fout vir die meisie se optrede moet op alle vlakke van die samelewing gesoek word,” sê De Wet.

In Suid-Afrika is geweld – eerder as onderhandelings – die norm. Wetsoortreders dra selde die gevolge van hul dade.

“Daar is 'n algehele verval van dissipline in skole weens die oorbeklemtoning van menseregte. Kinders kom letterlik en figuurlik ‘weg met moord’ – die vermeende oortreder word dan toegelaat om weer die skoolterrein te betree en eksamen te skryf.”

De Wet sê ouers is nie by die dissiplinerende van hul kinders

betrokke nie en stel die verkeerde voorbeelde deur self gewelddadig op te tree.

“Wanneer laas het ouers saam met hul kinders om 'n tafel gesit en kuier? Waarom steek 'n 16-jarige meisie 'n klasmaat dood?”

De Wet skryf dit toe aan blootstelling aan bendegeweld, 'n gebrek aan positiewe lewenswaardes en 'n gebrek aan dissipline by die skool en huis, asook aan die onvermoë van kinders om probleme uit te praat.

“Kinders leer nie om hul woede te beheer nie.”

De Wet sê wetsoortreders moet die gevolge van hul dade dra.

Kinders moet die vrymoedigheid hê om met 'n volwassene te praat, hetsy 'n berader, onderwyser of ouer.



## Stap saam vir goeie saak

Die Pienk-pretstap van KANSA se Kathu-tak word op Vrydag 6 Desember by die Heritage Mall gehou. Die geleentheid begin met 'n 5 km-pretstap ten bate van KANSA. Skenkings kan ook gedoen word. T-hemde kos R100 en inskryfgeld vir volwassenes is R50. Kinders jonger as 12 betaal R30. Registrasie begin om 17:00 en die wegspringtyd is om 18:00. Bel Ronél du Plessis by 082-413-0408 of stuur 'n e-pos na rduplessis@cansa.org.za.

Foto: Verskaf

## Campaign held to stop violence

The 16 Days of Activism for No Violence against Women and Children campaign began on Monday (25/11).

Every year the campaign starts on 25 November and ends on 10 December.

The official opening of the South African campaign took place at the Lephalale Local Municipality, Limpopo on Monday (25/11) under the theme, “Enough is Enough – 356 days to stop gender-based violence and femicide (GBVF)”.

The 16 Days campaign forms the centre point of government's comprehensive 365 Days of Activism for No Violence Against Women and Children.

At the end of the 16 Days campaign on 10 December, the government will officially launch the 365 Days Behavioural Change campaign. During the 16 days period, men will be encouraged and mobilised to sign a pledge against gender-based violence as a form of commitment to stop and end GBVF.



**PUBLIC PARTICIPATION PROCESS**  
**KHWARA MANGANESE (PTY) LTD**

### **BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM BOERDRAAI 228**

Khwarra Manganese (Pty) Ltd (Khwarra) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Boerdraai 228 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of four prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

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- Plastic lined sumps;
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- HDPE sheet lined area and dill rig; and
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	<b>GNR 983. Listing Notice 1:</b> Activity 27: The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.	• Stakeholder engagement	

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“All stakeholders are invited to register as Interested and Affected Parties (I&AP). All registered I&APs will continue to be given the opportunity to participate and comment for the full duration of the Basic Assessment and Public Participation Processes. Registered I&APs will be notified when the Basic Assessment Report will be available for public review. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:”

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**PUBLIC PARTICIPATION PROCESS**  
**KHWARA MANGANESE (PTY) LTD**

### **BASIC ASSESSMENT PROCESS FOR A PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43**

Khwarra Manganese (Pty) Ltd (Khwarra) proposes to conduct prospecting activities for Iron Ore and Manganese on the Farm Eersbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is 27 km North West of Hotazel. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Once the non-invasive activities have been completed, the prospecting boreholes (invasive activities) can be sited. Invasive activities will comprise drilling of ten prospecting boreholes over a period of two years. The following facilities and activities are required at each of the prospecting borehole sites:

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National Environmental Management Act (No. 107 of 1998) and Environmental Impact Assessment Regulations, 2014 as amended	<b>GNR., 983. Listing Notice 1:</b> Activity 20: Any activity including the operation of that activity which requires a prospecting right in terms of Section 16 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	• Environmental Authorisation Application	Northern Cape Department of Mineral Resources
	<b>GNR 983. Listing Notice 1:</b> Activity 22: The decommissioning of any activity requiring a closure certificate in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).	• Basic Assessment Report, including Environmental Management Programme and supporting specialist studies	
	<b>GNR 983. Listing Notice 1:</b> Activity 27: The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation.	• Stakeholder engagement	

SLR Consulting (South Africa) (Pty) Ltd, an independent firm of environmental consultants, has been appointed by Khwarra to manage the Basic Assessment and the Public Participation Process.

“All stakeholders are invited to register as Interested and Affected Parties (I&AP). All registered I&APs will continue to be given the opportunity to participate and comment for the full duration of the Basic Assessment and Public Participation Processes. Registered I&APs will be notified when the Basic Assessment Report will be available for public review. To register or to check that you are registered and/or to submit any comment on the proposed project and process contact SLR at the contact details below:”

**Clive Phashe**  
Email: cphashe@slrconsulting.com  
Tel: 011 467 0945  
Fax: 011 467 0978  
Post: PO Box 1596, Cramerview, 2060

(Note: If using post, please also contact us telephonically to notify us of your submission).

# **Summary of the BAR in English and Afrikaans**

**KHWARA MANGANESE (EDMS.) BPK.****BASIESE EVALUERINGS- EN OMGEWINGSBESTUURSPROGRAMVERSLAG VIR DIE  
AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT****BASIESE EVALUERINGSVERSLAG BESIKKBAAR VIR OPENBARE INSAE**

DMH-verwysingsnommer: NC30/5/1/1/2/12467PR

Geagte Meneer/Mevrou/Mejuffrou

**1. INLEIDING**

Khwara Manganese (Edms.) Bpk. (Khwara) beoog om prospekterbedrywighede vir Ystererts en Mangaan te onderneem op die plaas Eersbegint 703 Kuruman RD naby Black Rock in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaapprovinsie.

Die prospekterbedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontleding van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting. Ingrypende bedrywighede sal bestaan uit die boor van tien eksplorasiemoontlikhede. Die eiendom is 27 km noordwes van Hotazel. Die Streeks- en Plaaslike Liggings word hieronder weergegee as Figuur 1 en Figuur 2 (van Bylae A tot hierdie dokument) onderskeidelik.

SLR Consulting (South Africa) (Edms.) Bpk. (SLR), 'n onafhanklike firma van omgewingsevalueringspraktisyns (OEP's), is deur Khwara aangestel om die omgewingsmagtigingsprosesse te bestuur.

In hierdie verband is die Basiese Evalueringsverslag (BEV) vir die beoogde projek nou beskikbaar vir openbare insae. Hierdie dokument bied 'n opsomming van die bevindinge van die BEV wat vir die beoogde projek onderneem is, wat voorgelê word in die vorm van 'n beknopte opsomming (vervat in Bylae A van hierdie dokument).

**2. OORSIG VAN BEV**

Benewens die BEV-opsomming (in Afrikaans en Engels) wat via e-pos aan alle B&GP's gestuur is wat op die openbare betrokkenheidsdatabasis geregistreer is, is 'n volledige afskrif van die BEV en gedrukte kopieë van die BEV-opsomming (in Afrikaans en Engels) beskikbaar vir openbare insae by Joe Morolong plaaslike munisipaliteit, John Taolo Gaetsewe Distriksmunisipaliteit, Hotazel publieke biblioteek and Kathu publieke biblioteek, Black Rock publieke biblioteek. Die BEV is ook beskikbaar op SLR se webwerf (by <https://slrconsulting.com/za/slr-documents/>). Andersins sal elektroniese afskrifte van die BEV ook op versoek aan B&GP's beskikbaar gestel word.



SLR Consulting (South Africa) (Proprietary) Limited

Registered Address: Unit 7, Fourways Manor Office Park,  
1 Macbeth Avenue, Fourways, 2191  
Postal Address: PO Box 1596, Cramerview, 2060, South AfricaReg. No: 2007/005517/07  
Vat No: 4630242198

Directors: R Hounsoume, F Fredericks, D Junak

Fourways Office: Physical Address: Unit 7 & 9, Fourways Manor Office Park, 1 Macbeth Avenue, Fourways  
Postal Address: PO Box 1596, Cramerview, 2060 +27 11 467 0945 +27 11 467 0978Cape Town Office: Physical Address: 5th Floor, Letterstedt House, Newlands on Main,  
Cnr Main and Campground Roads, Newlands, Cape Town  
Postal Address: PO Box 10145, Caledon Square, 7905 +27 21 461 1118 +27 21 461 1120



Die BEV sal vanaf **10 Desember 2019 tot 30 Januarie 2020** vir 'n 30-dae kommentaartydperk versprei word ten einde aan B&GP's 'n geleentheid te bied om kommentaar te lewer oor enige aspek van die beoogde projek en die bevindinge van die BE-proses. Alle kommentaar moet skriftelik per faks (011 467 0978) en/of per e-pos ([nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)) by SLR ingedien word. Alle kommentaar wat ontvang word, sal in die finale BEV vervat word wat vir besluitnemingsdoeleindes aan die Departement van Minerale Hulpbronne (DMH) beskikbaar gestel sal word.

As u enige vrae het, moet u asseblief in verbinding tree met die onderstaande persoon.

Vriendelike groete



Natasha Smyth

## BYLAE A: BEKNOPTTE OPSOMMING VAN DIE BEV VIR DIE BEOOGDE PROJEK

### AGTERGROND TOT DIE PROJEK

Khwarra Manganese (Edms.) Bpk. (“Khwarra”) beoog om prospekterbedrywighede vir Ystererts en Mangaan te onderneem op die plaas Eersbegint 703 Kuruman RD, naby Black Rock, in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaapprovinsie. Die prospekterbedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontleding van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting. Ingrypende bedrywighede sal bestaan uit die boor van tien eksplorasieloepe. Die eiendom is 27 km noordwes van Hotazel. Die Streeks- en Plaaslike Ligging word onderskeidelik in Figuur 1 en Figuur 2 hieronder uitgebeeld.

SLR Consulting (South Africa) (Edms.) Bpk. (SLR), ’n onafhanklike firma van omgewingsevalueringspraktisyns (OEP’s), is deur Khwarra aangestel om die omgewingsmagtigingsprosesse te bestuur.

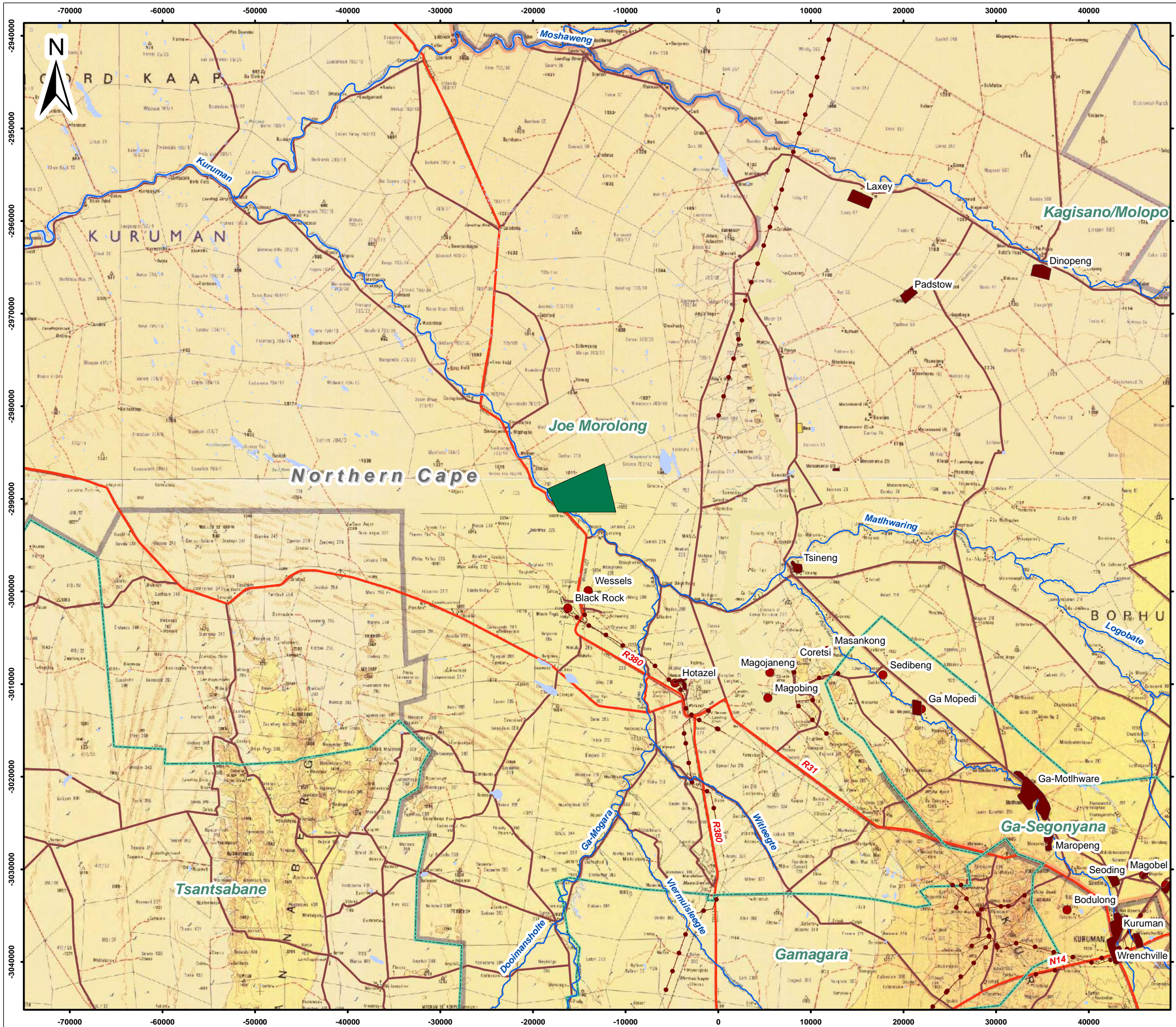
### OPSOMMING VAN MAGTIGINGSVEREISTES

Voor die aanvang van die beoogde projek, word die volgende vereis:

- ’n Omgewingsmagtiging deur die Departement van Minerale Hulpbronne (DMH) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) (NEMA), soos gewysig. Regulasie 982 van 4 Desember 2014 (Regulasies op Omgewingsimpakevaluering (OIE-regulasies)), soos gewysig. Deel van die beoogde projek sal aanleiding gee tot gelyste aktiwiteite ingevolge Lyskennisgewing 1 van Staatskennisgewing R983, gevolglik sal ’n Basiese Evalueeringsproses gevolg word.
- ’n Prospekterreg deur die DMH ingevolge Artikel 16 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (Wet 28 van 2002), soos gewysig (MPRDA).

### SKAKELING MET BELANGHEBBERS

Die skakelingsproses met belanghebbers sal ’n aanvang geneem voor die indiening van die BEV (Basiese Evalueeringsverslag) en sal regdeur die omgewingsevalueeringsproses voortduur. As deel van hierdie proses sal owerhede wat kommentaar lewer, sowel as belangstellende en geaffekteerde partye (B&GP’s), die geleentheid kry om vrae en kommentaar aan die projekspan te rig en om die agtergrondinligtingsdokument (AID) en die BEV na te gaan. Alle kommentaar wat deur die owerhede wat kommentaar lewer en deur B&GP’s ingedien word, sal in die finale BEV ingesluit en aangespreek word.



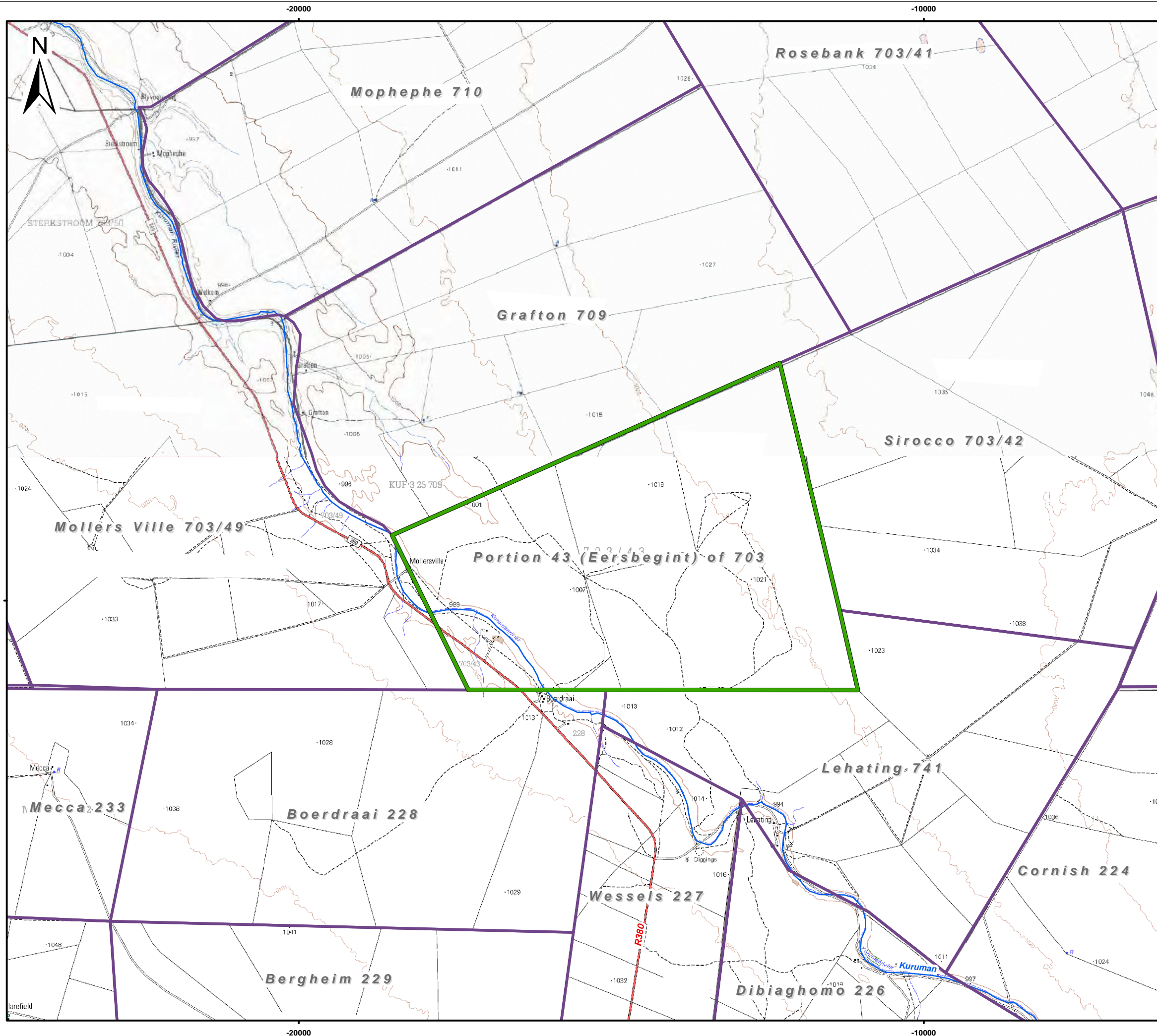
- Legend**
- Voorgestelde Projekarea
  - Stedelike gebiede
  - Plaaslike Munisipaliteite 2011
  - Hoofpaaie
  - Sekondere Paaie
  - Kragdrade
  - Riviere en Strome
  - 20m Kontoerlyne
  - Vleilande

0 4 8 12 Kilometers  
 Scale: 1 : 400 000 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

KWHARA MANGANESE (PTY) LTD

**Figuur 1**  
**Streksomgewing**

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



- Legend**
- Voorgestelde Projekarea
  - Hoodpaaie
  - Riviere en Strome
  - 20m Kontoerlyne
  - Plaasbeperkings



Scale: 1 : 63 360 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartebeshoek, Lo23

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**Figuur 2**

Plaaslikeomgewing



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

## IMPAKTE EN BESTUURSAKSIES

Hierdie afdeling bied 'n oorsig van die evaluering van die potensiele impakte van die beoogde projek en hou maatreëls voor om die impakte te voorkom of te versag. Die tabel hieronder bied 'n opsomming van die potensiele impakte in geen spesifieke volgorde van belangrikheid nie.

**TABEL A – OPSOMMING VAN POTENSIËLE IMPAKTE**

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
Grond en grondvermoë	Verlies aan grondhulpbronne en -vermoë deur fisiese versteuring en kontaminasie	<p>Grond speel 'n sleutelrol in die rehabilitasie van versteurde gebiede en die vestiging van ekosisteemfunktionaliteit, wat op sy beurt die herstel van grondgebruike na toestande voor versteuring ondersteun. Die versteuring en verlies daarvan moet voorkom word waar dit vermy kan word. Prospekterbedrywighede het die potensiaal om grondhulpbronne te beskadig deur fisiese versteuring (verwydering, erosie, kompaksie) en kontaminasie. Kontaminasie van grondhulpbronne sal voorkom weens die gebruik en hantering van boormateriaal en die teenwoordigheid van toerusting en masjinerie op die terrein wat koolwaterstowwe lek of stort. Daarbenewens kan swak afvalbestuurspraktyke kontaminasie van grond tot gevolg hê. Dit kan die grondsamestelling verander, wat 'n negatiewe impak op die chemie van die grond kan hê en die gebruik van die grond as deel van die terreinrehabilitasie tydens uitbedryfstelling kan affekteer.</p> <p>Hoewel kontaminasiegebeure wel moontlik is, word verwag dat die omvang en gereeldheid van kontaminasiegebeure betreklik laag sal wees, in die lig van die beheermaatreëls wat beplan word. Waar daar vinnige reaksietye is en doeltreffende herstelmaatreëls toegepas word, is daar 'n afname in die tydsduur en waarskynlikheid van potensiële impakte. Bestuursaksies fokus op grondbewaring en afvalbestuurprosedures.</p>	Laag	Onbeduidend
Biodiversiteit	Algemene en fisiese versteuring van biodiversiteit	<p>Prospekterbedrywighede het die potensiaal om biodiversiteit te vernietig deur fisiese vernietiging van habitat en verwante spesies wat as belangrik geag word danksy hul status, en/of die rol wat hulle in die ekosisteem speel. Daarbenewens kan prospekterbedrywighede ook plantegroei, gewerweldes en ongewerweldes direk versteur.</p> <p>Sonder versagting word verwag dat die impak 'n prominente verandering in die biodiversiteit van habitat en funksionaliteit sal hê, wat langtermyngevolge kan hê, aangesien die projekgebied met beskermde bome (Kameeldoring en Grys Kameeldoring) en gebiede van hoë biodiversiteitsbelang en sensitiwiteit geassosieer word, veral met die Kurumanrivier langs. Prospekteerverwante bedrywighede sal die</p>	Hoog	Baie laag

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
		<p>verwydering van plantegroei as deel van terreinvoorbereiding en die vestiging van toegangspaadjies vereis. Prospekterbedrywighede kan ook 'n indirekte impak op die oorlewing van individuele plante, gewerweldes en ongewerweldes hê.</p> <p>Die ligging van die boorgate is nog nie vasgestel nie. Daar sal op die presiese ligging van die boorgate besluit word sodra die gronddeurdringende radar en magnetiese kartering van die grond met 'n draagbare toestel afgehandel is. Die konsensus is egter dat die ertsliggaam na verwagting na die suidwestelike gedeelte van die plaas Eersbegint 703 naby die Kurumanrivier sal strek. Prospekterbedrywighede kan in die Kurumanrivierbodem geskied.</p> <p>Bestuursaksies fokus op die beperking van gebiede van versteuring, die vermyding van die verwydering van beskermde boomspecies, die regulering van die beweging van voertuie en die implementering van stofbeheermaatreëls.</p>		
Oppervlaktwater	Verandering van dreineringspatrone wat bydraes tot die opvangsgebied verminder	Die opvangsgebied is groot, maar plantegroei is yl en dit bevat vrylik-dreinerende grondsoorte wat daarop dui dat geringe reënvalgebeurtenisse na die grondwater sal infiltrer, eerder as die generering van beduidende volumes afloopwater. In die lig hiervan en omdat elke boorperseel 'n betreklik klein voetspoor sal beslaan en van tydelike aard sal wees, word geen impakte op die kwaternêre of plaaslike opvangsgebied verwag nie.	Nie van toepassing nie	Nie van toepassing nie

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
Oppervlakwater	Kontaminasie van oppervlakwaterhulpbronne	<p>Prospekteerbedrywighede het die potensiaal om oppervlakwaterhulpbronne te besoedel. Storting van brandstowwe en smeermiddels, asook slikaflow en swak afvalbestuur kan aanleiding gee tot kontaminasie van die Kurumanrivier. Hoewel die ligging van die boorgate nie bepaal is nie, is die ertsliggaam na verwagting in die rigting van die suidwestelike gedeelte van die plaas Eersbegint 703, naby die Kurumanrivier. Prospekteerbedrywighede kan in die Kurumanrivierbodem geskied. Hoewel kontaminasiegebeurtenisse moontlik is, word verwag dat die skaal en gereeldheid van kontaminasiegebeurtenisse relatief laag sal wees, gegewe die grootte van die beoogde prospekteerbedrywighede (voorsiening vir die boor van tien boorgate). In die lig van die dreineringspatrone van die gebied en die efemere aard van die Kurumanrivier, is die potensiaal vir kontaminasie van die Kurumanrivier onwaarskynlik. Bestuursaksies fokus op grondbestuurmaatreëls en rehabilitasie.</p>	Onbeduidend	Onbeduidend
Grondwater	Afname in die beskikbaarheid van water aan derde partye deur onttrekking van grondwater	<p>Onttrekking van grondwater vir prospekteerbedrywighede het die potensiaal om 'n impak op derdeparty grondwatergebruikers te hê. Waar water uit boorgate verkry word wat op die plaas Eersbegint 703 geleë is, kan dit die watervoorsiening van die grondeienaar affekteer, waar groot volumes water benodig word. Daar word egter beraam dat 'n betreklik klein volume water (altesaam sowat 17 000 liter vir die tydskuur van die boorwerk by elke boorperseel) benodig sal word. Die gebruik van hierdie water sal in oorleg met en instemming van die grondeienaar geskied. Waar water nie uit boorgate op die plaas bekom kan word nie, sal water van 'n nabygeleë dorp, soos Black Rock, bekom word. Bestuursaksies fokus op die verkryging van die nodige Algemene Magtiging vir die gebruik van boorgatwater.</p>	Onbeduidend	Onbeduidend



Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
Grondwater	Besoedeling van grondwater	<p>Prospekteerbedrywighede hou potensiële bronne van waterbesoedeling in. Lekkasies van brandstof of smeermiddels deur prospekteertoerusting op die terrein, stortings weens die hantering van brandstof en smeermiddels, tydelike opberging van verbruiksgoedere (soos brandstowwe, smeermiddels) en die hantering en opberging van afval (algemeen en gevaarlik) kan lei tot syfering van besoedelaars tot in die grondwaterstelsel. In die lig van die aard van prospekteerbedrywighede, sal die besoedelingsbron tydelik wees; die potensiële besoedeling kan egter langtermyn wees. Waar prospekteerwerk naby bestaande derdepartyboorgate (wat vir veesuipings en huishoudelike gebruik aangewend word) geskied, kan syferwater wat in die grondwaterstelsel beland, 'n impak op derdeparty watergebruike hê. Hoewel besoedelingsgebeure wel moontlik is, word verwag dat die omvang en gereeldheid van besoedelingsgebeure betreklik laag sal wees, gegewe die beheermaatreëls wat beplan word. Bestuursaksies fokus op die implementering van prosedures vir grondbestuur en, so ver moontlik, die vermyding van die vestiging van boorpersele naby die boorgate van derdepartye.</p>	Onbeduidend	Geen impak
Luggehalte	Lugbesoedeling	<p>Prospekteerbedrywighede het die potensiaal om by te dra tot omringende luggehalte. Terreinvorbereiding en grondwerke kan lugbesoedeling deur windgewaaide stof weens blootgestelde grond tot gevolg hê. Daarbenewens kan voertuigbeweging met grondtoegangspaadjies langs en die bedryf van voertuie en masjinerie (insluitend 'n kragopwekker) lugbesoedeling weens stof en uitlaatgasse onderskeidelik tot gevolg hê. Die potensiaal vir gesondheids- en stoornisimpakte hang ook af van die windrigting en -spoed, nabyheid en sensitiwiteit van reseptors en die tydsduur van blootstelling aan lugbesoedelingsbronne. Hoewel die ligging van die boorpersele nog nie bepaal is nie, is die ertsliggaam na verwagting in die rigting van die suidwestelike gedeelte van die plaas Eersbegint 703, naby die Kurumanrivier en naby privaat wonings op die aangrensende plaas, Boerdraai 228. Enige potensiële impakte sal na verwagting van baie korte duur wees en tot die onmiddellike omstreke van die boorbedrywighede of toegangspaadjies beperk wees. Bestuursaksies fokus op die beperking van gebiede van versteuring tot die absoluut noodsaaklike, die beheer van voertuie se spoed en die instandhouding van toerusting in 'n goeie werkende toestand.</p>	Laag	Onbeduidend
Geraas	Toename in	Prospekteerbedrywighede het die potensiaal om geraas te genereer deur die gebruik	Laag	Baie laag

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
	steurende geraasvlakke	van voertuie en masjinerie en die bedryf van boorinstallasies. Prospekterbedrywighede sal meganiese en voertuigeraasbronne op 'n andersins plattelandse en stil omgewing loslaat. Sonder versagtingsmaatreëls, kan geraasimpakte 'n versteuring of 'n stoornis vir nabygeleë reseptors (wonings en lewendehawe) inhou. In die lig van die betreklik klein skaal van die boorbedrywighede, sal potensiële impakte na verwagting aanleiding gee tot 'n matige versteuring of stoornis vir nabygeleë reseptors. Bestuursaksies fokus op die beperking van prospekterbedrywighede tot slegs dagtyd en weksdae, die beperking van voertuie se spoed en die instandhouding van voertuie in goeie werkende toestand.		
Visueel	Negatiewe visuele uitsigte	<p>Prospekterbedrywighede het die potensiaal om die visuele omgewing en estetika van die terrein te verander. Prospekterbedrywighede sal meganiese strukture en aktiwiteite op 'n andersins natuurlike boerderylandskap loslaat wat gekenmerk word deur die Kurumanrivier en oop uitsigte van die bosveld. Mynbouverwante strukture kom wel in die landskap verder suid van die beoogde projekgebied voor en die R380 sny deur die suidwestelike hoek van die beoogde projekgebied.</p> <p>In die lig van die klein skaal (voorsiening vir tien boorgate) van die projek, sal die visuele landskap nie noemenswaardig deur die beoogde projek verander word nie. Bestuursaksies fokus op die beperking van die voetspoor van versteuring, die implementering van stofbeheermaatreëls en rehabilitasie.</p>	Baie laag	Onbeduidend
Erfenis-/Kultuur- en paleontologiese hulpbronne	Verlies aan erfenis-/kultuur- en paleontologiese hulpbronne	<p>Prospekterverwante bedrywighede het die potensiaal om erfenis-, kultuur- en paleontologiese hulpbronne, te beskadig, sou dit teenwoordig wees, hetsy regstreeks of onregstreeks, en om 'n verlies aan die hulpbron vir toekomstigeslagte tot gevolg te hê. Dit is hoogs waarskynlik dat daar verskeie erfenis-/kultuurterreine uit die Steentydperk op die plaas Eersbegint 703 is. Die ligging van die boorgate is nog nie vasgestel nie. Daar sal op die presiese ligging van die boorgate besluit word sodra die gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting afgehandel is. Bestuursaksies fokus op die vermyding van erfenis-/kultuurterreine. Sou dit nie haalbaar wees nie, sal die nodige permitte bekom moet word.</p> <p>Dit word as onwaarskynlik geag dat enige fossiele in die projekgebied sal voorkom omdat die klip te oud en vulkanies van oorsprong is. Bestuursaksies fokus op toevallige</p>	Baie hoog (nie van toepassing vir paleontologiese hulpbronne nie)	Onbeduidend (nie van toepassing vir paleontologiese hulpbronne nie)

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
		vondsprosedures.		
Sosio-ekonomies	Inwaartse migrasie en ekonomiese impak	<p>In die breedste sin dra prospekterprojekte by tot 'n positiewe ekonomiese impak deur regstreekse voordele wat uit lone en belasting gegeneer word. Aangesien prospektering deel vorm van die eksplorasië, sal geen winste uit die bedrywighede voortspruit nie. Indirekte voordele sal wel voortspruit uit die verkryging van goedere en dienste (hoewel dit beperk is) en werknemers se sterker bestedingsmag. Positiewe ekonomiese impakte het die potensiaal om die lewensbestaan van mense wat by die projek baat, te verbeter en om by te dra tot die ontwikkeling en status van 'n streek.</p> <p>In die lig van die betreklik klein skaal en tydelike aard van die beoogde prospekterbedrywighede, en waar versagtingsmaatreëls toegepas word, word geen negatiewe ekonomiese verlies wat met bestaande grondgebruik verband hou, verwag nie. Inwaartse migrasie word nie as 'n gevolg van die beoogde projek verwag nie, met die gevolg dat verwante maatskaplike negatiewe impakte nie verwag word nie. Bestuursaksies fokus op die gebruik van plaaslike kontrakteurs en die verkryging van plaaslike goedere en dienste.</p>	Medium-positief	Medium-positief

Aspek	Potensiële impak	Bespreking van impak en verwysing na versagtingsmaatreëls	Wesenlikheid	
			Onversag	Ná versagting
Grondgebruik	Verandering in grondgebruik	<p>Prospekteerverwante bedrywighede het die potensiaal om grondgebruike beide in die projekgebied en in die omliggende gebiede te affekteer. Dit kan veroorsaak word deur fisiese grondtransformasie en deur regstreekse of sekondêre impakte. Die plaas Eersbegint 703 word vir beesweiding gebruik. Voorts woon die plaaseienaar en plaaswerkers ook op die eiendom. Prospekteerverwante bedrywighede het die potensiaal om 'n impak op grondgebruike in die projekgebied deur die volgende aktiwiteite te hê:</p> <ul style="list-style-type: none"> <li>• Teenwoordigheid van infrastruktuur wat gevaarlik kan wees vir mense en diere;</li> <li>• Opwekking van geraas weens boorbedrywighede;</li> <li>• Stofopwekking;</li> <li>• Visuele versteuring; en;</li> <li>• Tydelike verlies aan weidingsgrond vir die vestiging van die boorpersele, hoewel die omvang daarvan beperk sal wees.</li> </ul> <p>Grondgebruike rondom die projekgebied op aangrensende plase sluit 'n kombinasie van afgeleë plaasopstalle, 'n gastehuisfasiliteit en beesweiding in. Weens impakte van geraas, stofopwekking en negatiewe visuele uitsigte, het prospekteerverwante bedrywighede die potensiaal om 'n impak op hierdie grondgebruike te hê. Bestuursaksies fokus op vergoeding vir verlies aan landbougrond, die afkamping van elke boorperseel vir die veiligheid van beeste en derde partye, geen kontrakteurs wat op die eiendom woon nie, 'n ooreenkoms van die stand van rehabilitasie met die grondeienaar en oorlegpleging met die plasing van die boorgat met die grondeienaar.</p>	Medium	Onbeduidend

## OMGEWINGSVERKLARING

Die evaluering van die beoogde projek hou die potensiaal in vir negatiewe impakte om plaas te vind (veral in die scenario waar dit nie versag word nie) op die biofisiese, kulturele en sosio-ekonomiese omgewings, beide op die projekterrein en in die omliggende omgewing. Met bestuursaksies kan hierdie potensiële impakte voorkom of tot aanvaarbare vlakke verlaag word.

Sou die Omgewingsbestuursprogram (OBPr) doeltreffend geïmplementeer word, sal daar gevolglik geen biofisiese, maatskaplike of ekonomiese rede wees waarom die projek nie kan voortgaan nie.

**KHWARA MANGANESE (PTY) LTD****BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR  
THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT****BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW****DMR Reference number: NC30/5/1/1/2/12467PR**

Dear Sir/Madam

**1. INTRODUCTION**

Khwara Manganese (Pty) Ltd (Khwara) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eersbegint 703 Kuruman RD near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province.

The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar, and hand held ground magnetic mapping. Invasive activities would comprise drilling of ten exploration boreholes. The property is 27km North West of Hotazel. The Regional and Locality Settings are presented below as Figure 1 and Figure 2 (of Appendix A to this document) respectively.

SLR Consulting (South Africa) (Pty) Ltd (SLR), an independent firm of environmental assessment practitioners (EAP), has been appointed by Khwara to manage the environmental authorisation processes.

In this regard, the Basic Assessment Report (BAR) for the proposed project is now available for public review. This document presents a summary of the findings for the BAR undertaken for the proposed project, presented in the form of an executive summary (included in Appendix A of this document).

**2. REVIEW OF BAR**

In addition to the BAR summary (in English and Afrikaans) that has been distributed via email to all I&APs that are registered on the public involvement database, a full copy of the BAR and hard copies of the BAR summary (in English and Afrikaans) are available for public review at Joe Morolong Local Municipality, John Taolo Gaetsewe District Municipality, Hotazel Public Library and Kathu Public Library, Black Rock Library. The BAR is also available from the SLR website (at <https://slrconsulting.com/za/slr-documents/>). Alternatively, electronic copies of the BAR will be made available to I&APs on request.

The BAR will be distributed for a 30 day comment period from **10 December 2019 to 30 January 2020** in order to provide I&APs with an opportunity to comment on any aspect of the proposed project and the findings of the BA



SLR Consulting (South Africa) (Proprietary) Limited

Registered Address: Unit 7, Fourways Manor Office Park,  
1 Macbeth Avenue, Fourways, 2191

Postal Address: PO Box 1596, Cramerview, 2060, South Africa

Reg. No: 2007/005517/07  
Vat No: 4630242198

Directors: R Hounscome, F Fredericks, D Junak

Fourways Office: Physical Address: Unit 7 & 9, Fourways Manor Office Park, 1 Macbeth Avenue, Fourways  
Postal Address: PO Box 1596, Cramerview, 2060 +27 11 467 0945 +27 11 467 0978Cape Town Office: Physical Address: 5th Floor, Letterstedt House, Newlands on Main,  
Cnr Main and Campground Roads, Newlands, Cape Town  
Postal Address: PO Box 10145, Caledon Square, 7905 +27 21 461 1118 +27 21 461 1120

process. All comments need to be submitted in writing to SLR via fax (011 467 0978) and/or email ([nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)). All received comments will be included in the final BAR which will be made available to the Department of Mineral Resources (DMR) for decision making purposes.

If you have any questions please contact the undersigned.

Kind regards



Natasha Smyth

## APPENDIX A: EXECUTIVE SUMMARY OF THE BAR FOR THE PROPOSED PROJECT

### PROJECT BACKGROUND

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eersbegint 703, Kuruman RD, near Black Rock, in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar and hand held ground magnetic mapping. Invasive activities would comprise drilling of ten exploration boreholes. The property is 27km North West of Hotazel. The Regional and Local Settings are presented below as Figure 1 and Figure 2 respectively.

SLR Consulting (South Africa) (Pty) Ltd (SLR), an independent firm of environmental assessment practitioners (EAP’s), has been appointed by Khwara to manage the environmental authorisation processes.

### SUMMARY OF AUTHORISATION REQUIREMENTS

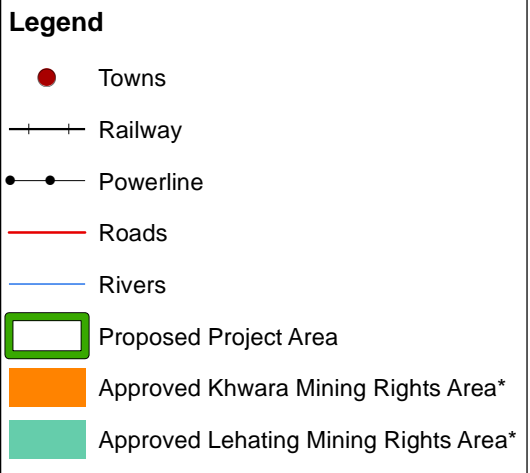
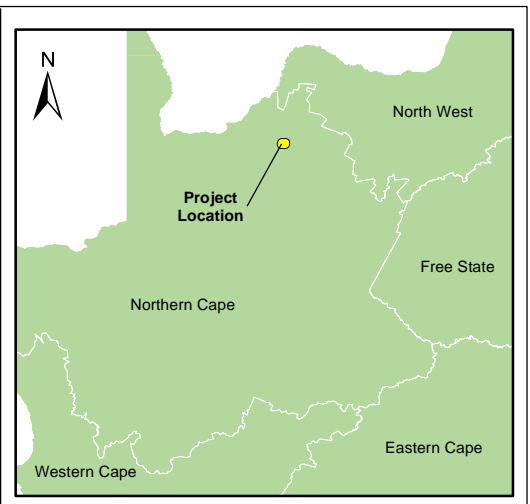
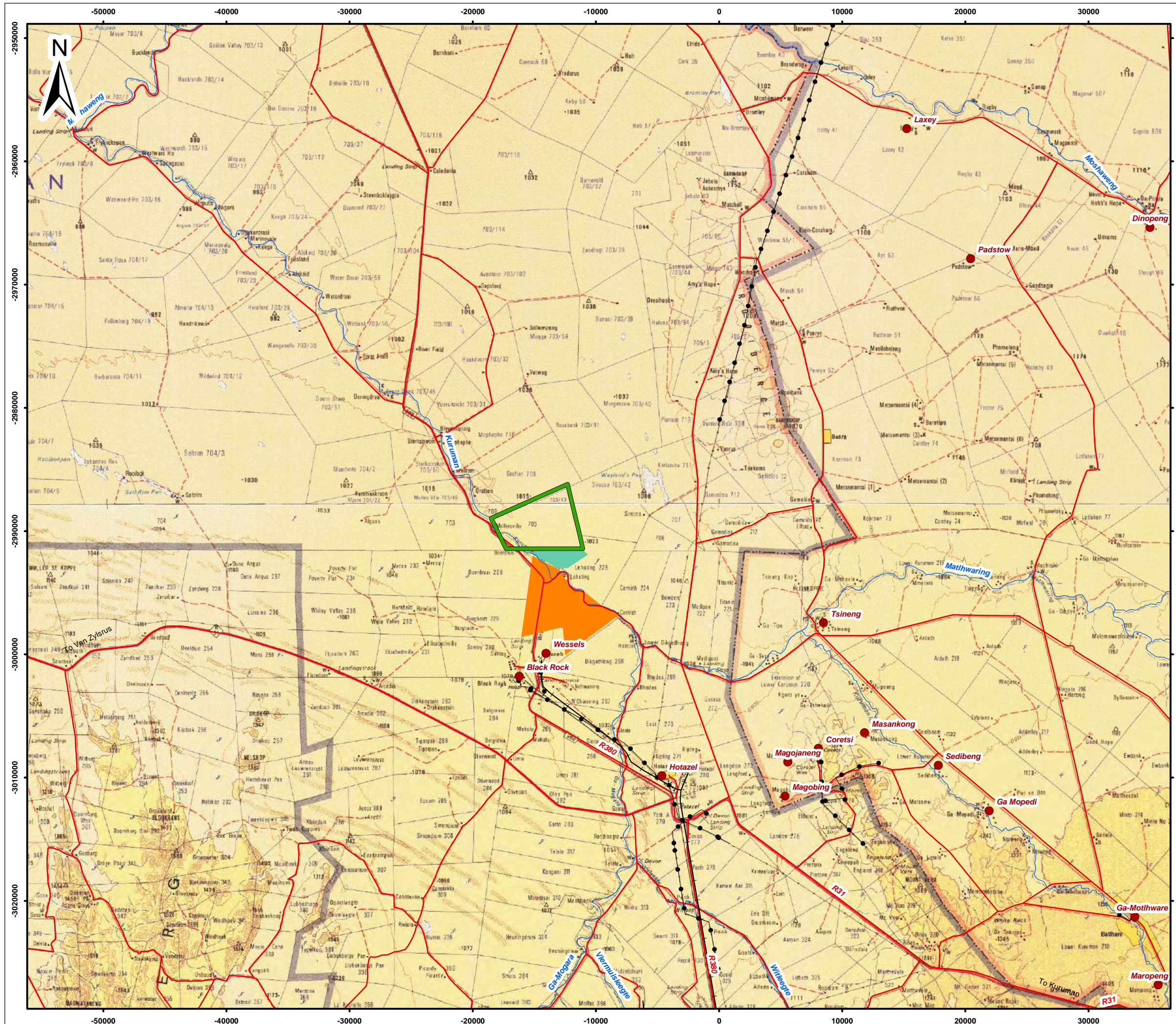
Prior to the commencement of the proposed project, the following is required:

- An environmental authorisation from the Department of Mineral Resources (DMR) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA), as amended. The Regulations 982 of 4 December 2014 (Environmental Impact Assessment (EIA) Regulations), as amended. Listed activities in terms of Listing Notice 1 GNR 983 will be triggered as part of the proposed project and as such a Basic Assessment Process will be followed; and
- A prospecting right from the DMR in terms of Section 16 of the Mineral and Petroleum Resources Development Act (No. 28 of 2002), as amended (MPRDA).

### STAKEHOLDER ENGAGEMENT

The stakeholder engagement process will commence prior to the submission of the BAR (Basic Assessment Report) and will be continuous throughout the environmental assessment process. As part of this process, commenting authorities and interested and affected parties (I&APs) will be given the opportunity to submit questions and comments to the project team, and review the background information document (BID) and the BAR. All comments submitted by the commenting authorities and I&APs will be included and addressed in the final BAR.





\* (Still to be Developed)



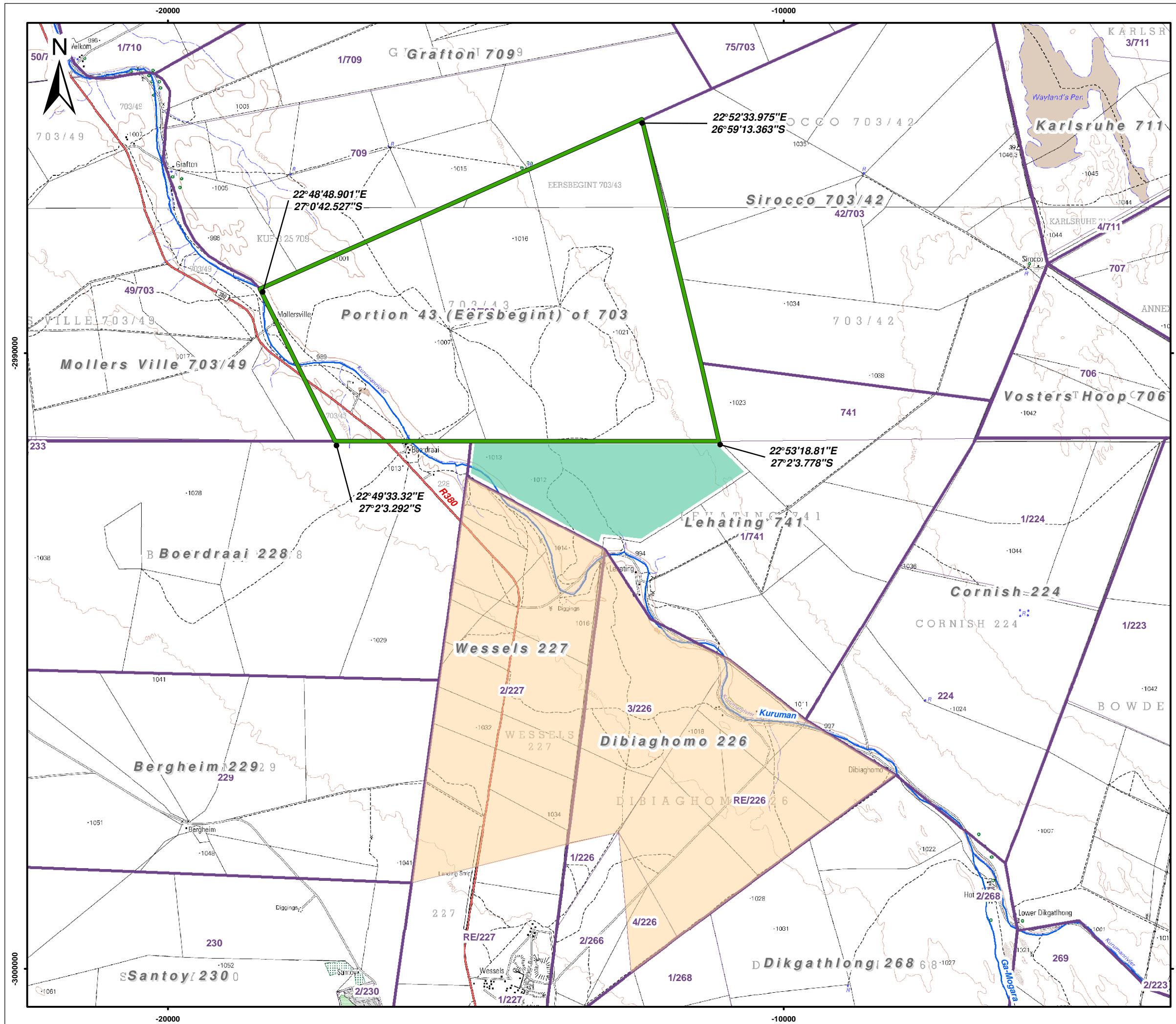
Scale: 1 : 300 000 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

KWHARA MANGANESE (PTY) LTD

Figure 1

Regional 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



- Legend**
- Proposed Project Area
  - Approved Khwara Mining Rights Area\*
  - Approved Lehating Mining Rights Area\*
  - Main Roads
  - Rivers and Streams
  - 20m Contour Lines
  - Farm Boundaries
  - Farm Portions
- \*(Still to be Developed)*

0 1 2 Kilometers

Scale: 1 : 63 360 @ A3  
 Projection: Transverse Mercator  
 Datum: Hartbeeshoek, Lo23

KWHARA MANGANESE (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

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## IMPACTS AND MANAGEMENT ACTIONS

This section provides a summary of the assessment of the potential impacts of the project and provides measures to prevent or mitigate the impacts. The table below provides a summary of the potential impacts in no particular order of importance.

TABLE A – POTENTIAL IMPACT SUMMARY

Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
Soil and land capability	Loss of soil resources and land capability through physical disturbance and contamination	<p>Soils play a key role in rehabilitation of disturbed areas and establishing ecosystem functionality. This in turn supports restoring pre-disturbance land uses. Its disturbance and loss should be prevented wherever this is avoidable. Prospecting activities have the potential to damage soil resources through physical disturbance (removal, erosion, compaction) and contamination. Contamination of soil resources would occur through the use and handling of drilling materials and the presence of equipment and machinery on site leaking or spilling hydrocarbons. Additionally, poor waste management practices could result in soil contamination. This could alter the soil composition, negatively impacting on the chemistry of the soils and affecting the use of the soils as part of site rehabilitation during decommissioning.</p> <p>Although contaminant events are possible, it is expected that the scale and frequency of contaminant events would be relatively low given the control measures that are planned. Where there are quick reaction times and effective remediation measures applied, the duration and probability of potential impacts reduces. Management actions focus on soil conservation and waste management procedures.</p>	Low	Insignificant
Biodiversity	General and physical disturbance of biodiversity	<p>Prospecting activities have the potential to destroy biodiversity through physical destruction of habitat and related species which are considered to be significant because of their status, and/or the role that they play in the ecosystem. In addition to this, prospecting activities can also directly disturb vegetation, vertebrates and invertebrates.</p> <p>Without mitigation the impact is expected to have a prominent change to biodiversity habitat and functionality, which can have long terms effects given that the project area is associated with protected trees (Camel Thorn and the Grey Camel Thorn) and areas of high biodiversity importance and sensitivity, particularly along the Kuruman River. Prospecting related activities will require the removal of vegetation as part of site preparation activities and the establishment of access tracks. Prospecting activities can also indirectly impact on the survival of individual plants, vertebrates, and invertebrates.</p>	High	Very low

Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
		<p>The location of the boreholes has not been determined. The exact location of the boreholes will be decided on once the ground penetrating radar and handheld ground magnetic mapping have been completed. It is however understood that the orebody is anticipated to be towards the south western section of the farm Eersbegint 703 near the Kuruman River. Prospecting activities could take place within the Kuruman riverbed.</p> <p>Management actions focus on limiting areas of disturbance, avoiding the removal of protected tree species, controlling vehicle movement and implementation of dust control measures.</p>		
Surface water	Alteration of drainage patterns reducing contributions to the catchment	The catchment is large but sparsely vegetated and features freely draining soils which indicates that minor rainfall events would infiltrate to groundwater as opposed to generating significant volumes of runoff. Given this and that each drill site would occupy a relatively small footprint and be of a temporary nature, impacts on the quaternary or local catchment are not expected.	Not applicable	Not applicable
Surface water	Contamination of surface water resources	Prospecting activities have the potential to contaminate surface water resources. Spills of fuels and lubricants as well as silt runoff and poor waste management could result in contamination of the Kuruman River. Although the location of the boreholes has not been determined the orebody is anticipated to be towards the north south western section of the farm Eersbegint 703 near the Kuruman River. Prospecting activities could take place within the Kuruman riverbed. Although contaminant events are possible, it is expected that the scale and frequency of contaminant events would be relatively low given the size of the proposed prospecting activities (provision for the drilling of ten boreholes). Given the drainage patterns of the area and the ephemeral nature of the Kuruman River, the potential for contamination of the Kuruman River is unlikely. Management actions focus on soil management measures and rehabilitation.	Insignificant	Insignificant

Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
Groundwater	Reduction of water availability to third parties through groundwater abstraction	Abstraction of groundwater for prospecting activities has the potential to impact on third-party groundwater users. Where water is sourced from boreholes located on the farm Eersbegint 703 this could affect the water supply of the landowner, where large volumes of water are required, However, it is estimated that a relatively small volume of water (approximately 17 000 litres in total for the duration of drilling at each drill site) would be required. The use of this water would be in consultation and agreement with the landowner. Where water cannot be sourced from boreholes located on the farm, water will be sourced from a nearby town such as Black Rock. Management actions focus on obtaining the necessary General Authorisation for the use of borehole water.	Insignificant	Insignificant
Groundwater	Contamination of groundwater	Prospecting activities present potential sources of water contamination. Leakages of fuel or lubricants from prospecting equipment on site, spillages from the handling of fuel and lubricants, temporary storage of consumables (such as fuels, lubricants) and waste handling and storage (general and hazardous) can result in seepage of contaminants into the groundwater system. Given the nature of prospecting activities, the source of contamination would be temporary; however, the potential contamination could be long-term. Where prospecting takes place near to existing third-party boreholes (used for livestock watering and domestic use), seepage entering the groundwater system could impact on third-party water uses. Although contaminant events are possible, it is expected that the scale and frequency of contaminant events would be relatively low given the control measures that are planned. Management actions focus on the implementation of soil management procedures and avoid establishing drill sites close to third party boreholes as far as possible.	Insignificant	No impact

Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
Air quality	Air pollution	Prospecting activities have the potential to contribute to ambient air quality. Site preparation and earthworks could result in air pollution through windblown dust from exposed soils. In addition, vehicle movement along dirt access tracks and the operation of vehicles and machinery (including generator) could result in air pollution from dust and exhaust fumes respectively. The potential for health and nuisance impacts also depends on the wind direction and speed, proximity and sensitivity of receptors and duration of exposure to air pollution sources. Although the location of the drill sites has not been determined the orebody is anticipated to be towards the south western section of the farm Eersbegint 703 near the Kuruman River and near to private residences on the adjacent farm Boerdraai 228. Any potential impacts are expected to be of a very short duration and limited to the immediate surrounds of the drilling activities or access tracks. Management actions focus on limiting areas of disturbance to what is absolutely necessary, controlling vehicle speed limits and maintaining equipment in good working order.	Low	Insignificant
Noise	Increase in disturbing noise levels	Prospecting activities have the potential to generate noise through the use of vehicles and machinery and the operation of drill rigs. Prospecting activities will introduce mechanical and vehicle noise sources to an otherwise rural and quiet environment. In the absence of mitigation measures, noise impacts can present a disturbance or be a nuisance to nearby receptors (residence and livestock). Given the relatively small scale of the drilling activities, potential impacts are expected to result in a moderate disturbance or nuisance to nearby receptors. Management actions focus on limiting prospecting activities to day time only and week days, limiting vehicle speed and maintaining vehicles in good working order.	Low	Very low
Visual	Negative visual views	<p>Prospecting activities have the potential to alter the visual environment and aesthetics of the site. Prospecting activities will present mechanical structures and activities to an otherwise natural farming landscape characterised by the Kuruman River and open views of the bushveld. Mining related structures do occur in the landscape further south of the proposed project area and the R380 traverses the south western corner of the proposed project area.</p> <p>Given the small scale (provision for ten boreholes) of the project, it is not expected that the visual landscape will be materially altered by the proposed project. Management</p>	Very low	Insignificant

Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
		actions focus on limiting the footprint of disturbance, implementing dust control measures and rehabilitation.		
Heritage/cultural and palaeontological resources	Loss of heritage/cultural and Palaeontological resources	Prospecting related activities have the potential to damage heritage, cultural, and palaeontological resources, if present, either directly or indirectly, and result in the loss of the resource for future generations. It is highly likely that numerous heritage/cultural sites from the Stone Age are located on the farm Eersbegint 703. The location of the boreholes has not been determined. The exact location of the boreholes will be decided on once the ground penetrating radar and handheld ground magnetic mapping have been completed. Management actions focus on avoiding heritage/cultural sites. In the event that this is not achievable the necessary permits need to be obtained. It is considered unlikely that any fossils occur in the project area because the rock is too old and volcanic in origin. Management actions focus on chance find procedures.	Very High (not applicable for palaeontological resources)	Insignificant (not applicable for palaeontological resources)
Socio-economic	Inward migration and economic impact	<p>In the broadest sense, prospecting projects contribute towards a positive economic impact through direct benefits derived from wages and taxes. Given that prospecting forms part of exploration, no profits would be derived from the activities. Indirect benefits would be derived through the procurement of goods and services (albeit limited), and the increased spending power of employees. Positive economic impacts have the potential to improve the livelihoods of people benefiting from the project and contribute to the development and status of a region.</p> <p>Given the relatively small scale and temporary nature of the proposed prospecting activities, and where mitigations measures are applied, negative economic loss associated with existing land uses is not anticipated. Inward migration is not expected as a result of the proposed project and therefore related social ill impacts are not expected. Management actions focus on using local contractors and procurement of local goods and services.</p>	Medium positive	Medium positive



Aspect	Potential impact	Impact discussion and reference to mitigation measures	Significance	
			Unmitigated	Mitigated
Land use	Change in land use	<p>Prospecting related activities have the potential to affect land uses both within the project area and in the surrounding areas. This can be caused by physical land transformation and through direct or secondary impacts. The farm Eersbegint 703 is utilised for cattle grazing. In addition to this the owner of the farm resides on the property along with farm workers. Prospecting related activities have the potential to impact on land uses within the project area through the following activities:</p> <ul style="list-style-type: none"> <li>• Presence of infrastructure that could be hazardous to people and animals;</li> <li>• Noise generation from drilling activities;</li> <li>• Generation of dust;</li> <li>• Visual disturbance; and</li> <li>• Temporary loss of grazing land for the establishment of the drill sites however, this will be limited in extent.</li> </ul> <p>Land uses surrounding the project area, on adjacent farms include a combination of isolated farmsteads, a guesthouse facility, and cattle grazing. Prospecting related activities have the potential to impact on these land uses because of impacts from noise, dust generation and negative visual views. Management actions focus on compensation for loss of agricultural land, fencing off each drill site for the safety of cattle and third parties, no contractors residing on property, agreement of state of rehabilitation with landowner and consultation of borehole placement with landowner.</p>	Medium	Insignificant

## ENVIRONMENTAL STATEMENT

The assessment of the proposed project presents the potential for negative impacts to occur (in the unmitigated scenario in particular) on the biophysical, cultural and socio-economic environments both on the project site and in the surrounding area. With management actions these potential impacts can be prevented or reduced to acceptable levels.

It follows that provided the Environmental Management Programme (EMPr) is effectively implemented there is no biophysical, social or economic reason why the project should not proceed.

# **Proof of distribution of the initial BAR**

## Clive Phashe

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**From:** Clive Phashe  
**Sent:** 09 December 2019 01:44 PM  
**To:** Clive Phashe  
**Subject:** Khwara Eersbegint Farm PR Application: BAR Available for public and commenting authority review  
**Attachments:** 2019-12-09-Eersbegint PR Application BAR Summary.pdf; 2019-12-09-Eersbegint PR Application BAR Summary - Afr.pdf

### Tracking:

#### Recipient

Clive Phashe  
msimangop@dws.gov.za  
JacolineMa@daff.gov.za  
Tmthombeni@ncpg.gov.za  
gletimela@ncpg.gov.za  
mokonopin@gmail.com  
nmokonopi@ncpg.gov.za  
livhuwani.malatjie@dmr.gov.za  
Ntsundeni.Ravhugoni@dmr.gov.za  
kgaudi.shapo@dmr.gov.za  
mm@joemorolong.gov.za  
mmorwagae@joemorolong.gov.za  
leutlwetsed@joemorolong.gov.za  
sseleka@joemorolong.gov.za  
sseleka@webmail.co.za  
mmsec@taologaetsewe.gov.za  
matlhareTH@taologaetsewe.gov.za  
fortunec@agri.ncpg.gov.za  
cfortune@agri.ncape.gov.za  
ryan.oliver@drrdlr.gov.za  
nhiggitt@sahra.org.za  
stolsgawie@gmail.com  
bonolol@brmo.co.za  
Rethabile.Mboya@arm.co.za  
AshleyG.Mcleod@arm.co.za  
wpvdwalt@lantic.net  
scwalt@gmail.com  
ndarap@eskom.co.za  
Gerrie.vanschalkwyk@eskom.co.za  
Benito.williams@eskom.co.za  
khanyen@eskom.co.za  
ludekefj@eskom.co.za  
vgenseal@eskom.co.za  
dbruiner@eskom.co.za  
mase.rantsieng@south32.net  
ervsboerdery2@gmail.com

#### Delivery

Delivered: 2019/12/09 01:45 PM

**Recipient****Delivery**

dineo.peta@bhpbilliton.com  
camel@vodamail.co.za  
tventer@vodamail.co.za  
siphiwe@kalagadi.co.za  
Tshepo@kalagadi.co.za  
henneyrc@telkom.co.za  
dibaslaghuis@gmail.com  
mecca.guesthouse@gmail.com  
vdwaltac@gmail.com  
klipwerfkuur@lantic.net  
info@sebiloresources.co.za  
voorsitter@agrikur.co.za  
info@tshiping.co.za  
wessanc@yahoo.com  
juriokr@gmail.com  
jvanbreda@aquilaresources.co.za  
mhalliday@aquilaresources.com.au  
louis@soetvlakte.co.za  
hendrik.arangies@kmr.co.za  
conri.moolman@asia-minerals.com  
info@afribits.co.za  
Wezi.banda@ergafrica.com  
james@tshipi.co.za  
nthabeleng@tshipi.co.za  
Cupido.Love@UMK.co.za  
Tshivhangwaho.Mudau@umk.co.za  
daniel@solafuture.co.za  
Gert.theart@vodamail.co.za  
ebenanthonissen@hotmail.com  
ebena@absamail.co.za  
tsteyn@lantic.net  
mmvanwyk10@gmail.com  
krugersoret@yahoo.com  
Carel.reyneke@absamail.co.za  
tshifhiwar@brmo.co.za  
josephmatshidiso@yahoo.com  
didi@sebiloresources.co.za  
mail@aquilaresources.com.au

**KHWARA MANGANESE MINE (PTY) LTD  
PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT 703 FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**

**Dear Interested and Affected Party**

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eersbegint 703 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The prospecting activities will include non-invasive and invasive activities.

The Prospecting Right application was made in terms of Section 16 of the Minerals and Petroleum Resources Development Act, 2002 (MPRDA). In this regard, Khwara Manganese Mines (Pty) Ltd has, as required by the MPRDA, made application for Environmental Authorisation of the exploration activities in terms of Chapter 5 of the National Environmental Management Act, 1998 (NEMA). The application is subject to a Basic Assessment and Public Participation process, as stipulated in the EIA Regulations, 2014.

In this regard, the Basic Assessment Report (BAR) for the proposed project is now available for public and commenting authority review. Full copies of the BAR are available at the following venues:

- The Joe Morolong Local Municipality;
- The John Taolo Gaetsewe District Municipality;
- The Hotazel Public Library;
- The Kathu Public Library; and
- The Black Rock Library.

The BAR is also available from the SLR website (at <https://slrconsulting.com/za/slr-documents/>). Alternatively, electronic copies of the BAR will be made available to I&APs on request. The BAR will be distributed for a 30 day comment period from **10 December 2019 until 30 January 2020** in order to provide I&APs with an opportunity to comment on any aspect of the proposed project and the findings of the BA process. All comments need to be submitted in writing to SLR via fax (011 467 0978) and/or email ([cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)). All received comments will be included in the final BAR which will be made available to the Department of Mineral Resources for decision making purposes.

A summary of the BAR has also been prepared and is attached (English and Afrikaans) for your perusal.

Kind regards

Clive



**Clive Phashe**

Junior Environmental Consultant

+27 11 467 0945

2034

[cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

SLR Consulting (South Africa) (Pty) Ltd  
SLR Consulting (Johannesburg office)  
Suite1 - Building D, Monte Circle  
178 Montecasino Boulevard  
Fourways, Johannesburg, Gauteng, 2191



SIGN + STAMP + EMAIL  
SLR

88813354774

KHWARA MANGANESE (PTY) LTD

BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE  
PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM

BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW

DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR

This is to certify that I

*Jacoline Mans*

in my capacity as a representative of

*Department of Agriculture, Forestry & Fisheries*  
have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>
--	-------------------------------------

Date: *9/12/2019*

Signature/ Stamp:



SIGN + STAMP + EMAIL



**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**  
**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

in my capacity as a representative of

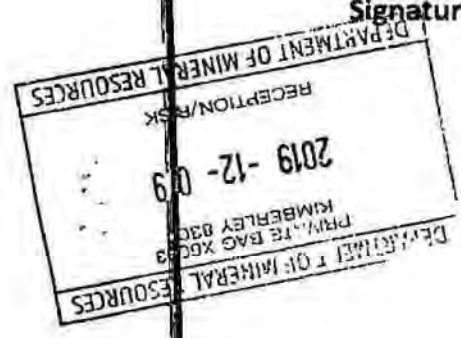
have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

2x Hardcopies of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>
2x Electronic Copies of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>

Date: 09/11/19

Signature/ Stamp:





SIGNATURE STAMP + EMAIL



KHWARA MANGANESE (PTY) LTD

BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM

BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW

DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR

This is to certify that I

in my capacity as a representative of

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	DEPARTMENT OF AGRICULTURE LAND REFORM & RURAL DEVELOPMENT	
--	--	--

2019 -12- 09

CORRESPONDENCE RECEIVED  
REGISTRY

Date: 09.12.2019

SIGN + STAMP + EMAIL  
SLR

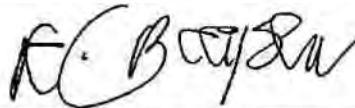
KHWARA MANGANESE (PTY) LTD

BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE  
PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM

BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW

DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR

This is to certify that I



in my capacity as a representative of

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>
--	-------------------------------------

Date: 2019-12-10

Signature/ Stamp:

DEPT. WATER AFFAIRS  
NORTHERN CAPE REGION  
Private Bag/Privaatsak X6101  
  
2019 -12- 10  
  
KIMBERLEY 8300  
NOORDKAAPSTREEK  
DEPT. VAN WATERWESE

SIGN + STAMP + EMAIL

SLR



88813354857

KHWARA MANGANESE (PTY) LTD

BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE  
PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM

BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW

DMR REFERENCE NUMBER: NC30/5/1/1/1/12467PR

This is to certify that I

in my capacity as a representative of

have received the following documents:

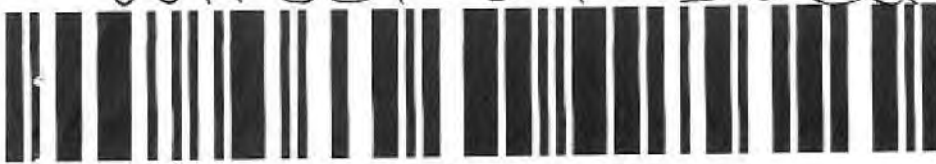
PLEASE COMPLETE AND TICK RELEVANT BOX

1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>
--	--------------------------

Date: 06/12/19

  
Signature/ Stamp:

no stamp



VVAJBDL T DOUWVENI



88813354774

2

**FROM:** Postnet Fourways Mall  
**ACC NO:** 11888

**FROM:** JNB **TO:** KIM

**SHIPPERS REFERENCE:**  
  
**POWERED BY:**

**ONC** **WEIGHT:** 0.3 KG **PIECES:** 1

**DELIVERY ADDRESS:**  
**DEPT. OF AGRIC, FORESTRY & FISHERIES**  
**26 OLIEAN STREET**  
**LOUISVALE ROAD**  
  
**UPINGTON**  
**UPINGTON**  
**8801**  
**JACOLINE MANS**  
  
**TEL:** 0 **CELL:**

**SPECIAL INSTRUCTIONS:**  
SIGN + STAMP + EMAIL COLOUR SCAN

**INSURANCE REQUIRED:** NO

**CONTENTS:** CD'S **SECURITY PACK NUMBER:**

**SENDER'S ADDRESS:**  
PostNet Fourways Mall  
Shop M2 Fourways Mall  
Cnr William Nicol  
& Witkoppen Roads  
FOURWAYS  
JOHANNESBURG  
2191  
SLR SA - CLIVE  
fourwaysmall@telkomsa.net  
**TEL:** 011 465 8272 **CELL:** 011 465 8272

Created by: fourwaysmall@telkomsa.net  
Contact no: 011 465 8272  
Email address: fourwaysmall@telkomsa.net  
Date: 05-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORIZED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIERIT SA(PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

DIMENSIONS (CM)			
NO	L	W	H
1	30.00	20.00	1.00

**PROOF OF DELIVERY**

*Jacoline Mans* 9/12/2019  
NAME DATE

*JMans* 11h40  
SIGNATURE TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION



88813354794

906

FROM: Postnet Fourways Mail  
ACC NO: 11888

FROM: JNB TO: KIM

SHIPPERS REFERENCE:  
  
POWERED BY:

**ONC**      **WEIGHT: 0.3 KG**      **PIECES: 1**

DELIVERY ADDRESS:  
DEPT. OF RURAL DEV AND LAND REFORM  
162 GEORGE STREET  
KIMBERLITE BUILDING  
  
KIMBERLEY  
KIMBERLEY  
8301  
VILJOEN MOTHIBI  
  
TEL: 0      CELL:

SPECIAL INSTRUCTIONS:  
SIGN + EMAIL + EMAIL COLOUR SCAN

INSURANCE REQUIRED: NO

CONTENTS:  
CD'S

SECURITY PACK NUMBER:

Created by: fourwaysmail@telkomsa.net  
Contact no: 011 465 8272  
Email address: fourwaysmail@telkomsa.net  
Date: 05-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORIZED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIERIT SA (PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

SENDER'S ADDRESS:  
PostNet Fourways Mail  
Shop M2 Fourways Mail  
Cnr William Nicol  
& Witkoppen Roads  
FOURWAYS  
JOHANNESBURG  
2191  
SLR SA - CLIVE  
fourwaysmail@telkomsa.net  
TEL: 011 465 8272      CELL: 011 465 8272

DIMENSIONS (CM)			
NO	L	W	H
1	30.00	20.00	1.00

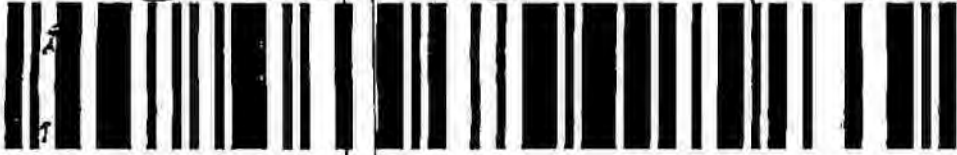
PROOF OF DELIVERY

ELIZABETH      06/12/2019  
NAME      DATE

     12:40S  
SIGNATURE      TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED  
IN GOOD ORDER AND CONDITION

DOCUMENT + WAYBILL



88813354824

906

FROM: Postnet Fourways Mall  
ACC NO: 11888

FROM: JNB TO: KIM

SHIPPERS REFERENCE:  
POWERED BY:

ONC

WEIGHT: 0.3 KG

PIECES: 1

DELIVERY ADDRESS:  
DEPT OF WATER & SANITATION  
28 CENTRAL ROAD  
BEACONSFIELD  
  
KIMBERLEY  
KIMBERLEY  
8301  
PHILANI MSIMANGO  
  
TEL: 0 CELL:

SPECIAL INSTRUCTIONS:  
SIGN + STAMP + EMAIL COLOUR SCAN

INSURANCE REQUIRED: NO

CONTENTS:  
CD'S

SECURITY PACK NUMBER:

Created by: fourwaysmall@telkomsa.net  
Contact no: 011 465 8272  
Email address: fourwaysmall@telkomsa.net  
Date: 05-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORISED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIERIT SA(PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

SENDER'S ADDRESS:  
PostNet-Fourways Mail  
Shop M2 Fourways Mall  
Cnr William Nicol  
& Witkoppen Roads  
FOURWAYS  
JOHANNESBURG  
2191  
SLR SA - CLIVE  
fourwaysmall@telkomsa.net  
TEL: 011 465 8272 CELL: 011 465 8272

DIMENSIONS (CM)			
NO	L	W	H
1	30.00	20.00	1.00

PROOF OF DELIVERY

2019-12-10  
NAME DATE

15:21  
SIGNATURE TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION

DOCUMENT 3 WAYBILL



88813354845

FROM: Postnet Fourways Mail  
ACC NO: 11888

FROM: JNB TO: KIM

SHIPPERS REFERENCE:  
POWERED BY:

ONC WEIGHT: 0.3 KG PIECES: 1

DELIVERY ADDRESS:  
JOE MOROLONG LOCAL MUNICIPALITY  
D320 CARDINGTON ROAD  
CHURCHILL VILLAGE  
  
MOTHIBISTAT  
KURUMAN  
8474  
SENEO SELEKA  
  
TEL: 0 CELL:

SPECIAL INSTRUCTIONS:  
SIGN + STAMP + EMAIL COLOUR SCAN  
**JOE MOROLONG LOCAL MUNICIPALITY**  
2019-12-09  
*registry@joemurorong.gov.za*

PRIVATE BAG X117  
MOTHIBISTAT 8474  
INSURANCE REQUIRED: NO

CONTENTS: CDS SECURITY PACK NUMBER:

SENDER'S ADDRESS:  
PostNet Fourways Mail  
Shop M2 Fourways Mail  
Cnr William Nicol  
& Witkoppen Roads  
FOURWAYS  
JOHANNESBURG  
2191  
SLR SA - CLIVE  
fourwaysmall@telkomsa.net  
TEL: 011 465 8272 CELL: 011 465 8272

Created by: fourwaysmall@telkomsa.net  
Contact no: 011 465 8272  
Email address: fourwaysmall@telkomsa.net  
Date: 05-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORIZED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIER IT (SAPTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

DIMENSIONS (CM)			
NO	L	W	H
1	30.00	20.00	1.00

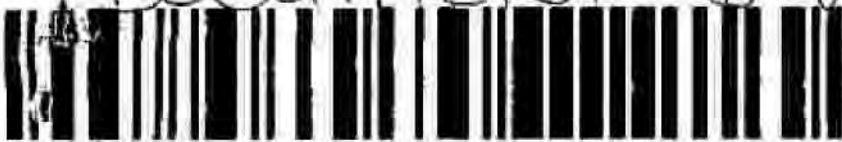
PROOF OF DELIVERY

*M. M. Masego* 09/11/2019  
NAME DATE

12:45  
SIGNATURE TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION

DOCUMENT \$ WAYBILL



**COURIER IT**

Excellence In Motion

88813354857

FROM: Postnet Fourways Mail

ACC NO: 11888

FROM: JNB

TO:

KIM

SHIPPERS REFERENCE:

POWERED BY:



**ONC**

WEIGHT:

0.3 KG

PIECES:

1

DELIVERY ADDRESS:

JOHN TAOLO GAETSEWE DISTR. MUN.  
4 FEDERALE MYNBOU STREET

KURUMAN

KURUMAN

8460

7H MATLHARE

TEL: 0

CELL:

SPECIAL INSTRUCTIONS:

SIGN + STAMPS + EMAIL COLOUR SCAN

INSURANCE REQUIRED:

NO

SENDER'S ADDRESS:

PostNet Fourways Mail

Shop M2 Fourways Mall

Cnr William Nicol

& Witkoppen Roads

FOURWAYS

JOHANNESBURG

2191

SLR SA - CLIVE

fourwaysmail@telkomsa.net

TEL: 011 465 8272

CELL:

011 465 8272

CONTENTS:

CDS

SECURITY PACK NUMBER:

Created by: fourwaysmail@telkomsa.net

Contact no: 011 465 8272

Email address: fourwaysmail@telkomsa.net

Date: 05-December-2019

WIND WARRANTS THAT RES/HE IS AUTHORISED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIER IT (PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

**DIMENSIONS (CM)**

NO	L	W	H
1	30.00	20.00	1.00

**PROOF OF DELIVERY**

*Thiwe*

NAME

*06/12/19*

DATE

*Albert*

SIGNATURE

*13:32*

TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION



DOCUMENTATION + WAYBILL



88813356644

906

FROM: Postnet Fourways Mall  
ACC NO: 11888

FROM: JNB TO: KIM

SHIPPERS REFERENCE:  
POWERED BY:

ONC WEIGHT: 0.3 KG PIECES: 1

DELIVERY ADDRESS:  
DEPT OF RURAL DEV. & LAND REFORM  
162 GEORGE STREET  
KIMBERLITE BLDG  
  
KIMBERLEY  
KIMBERLEY  
8301  
DEPARTMENT  
  
TEL: 0 CELL:

SPECIAL INSTRUCTIONS:  
SIGN + STAMP + EMAIL

INSURANCE REQUIRED: NO

CONTENTS: CD'S SECURITY PACK NUMBER:

SENDER'S ADDRESS:  
PostNet Fourways-Mall  
Shop M2 Fourways Mall  
Cnr William Nicol  
& Witkoppen Roads  
FOURWAYS  
JOHANNESBURG  
2191  
SLR SA - CLIVE  
fourwaysmall@telkomsa.net  
TEL: 011 465 8272 CELL: 011 465 8272

Created by: fourwaysmall@telkomsa.net  
Contact no: 011 465 8272  
Email address: fourwaysmall@telkomsa.net  
Date: 06-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORISED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIERIT SA(PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

DIMENSIONS (CM)			
NO	L	W	H
1	30.00	20.00	1.00

PROOF OF DELIVERY

09 12 2019  
NAME DATE

07H 35  
SIGNATURE TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION



88813357147

906

**FROM:** Postnet Fourways Mall  
**ACC NO:** 11888

**FROM:** JNB **TO:** KIM

**SHIPPERS REFERENCE:**  
**POWERED BY:**

**ONC** **WEIGHT:** 6.3 KG **PIECES:** 1

**DELIVERY ADDRESS:**  
 DEPT OF ENVIR. & NATURE CONSER.  
 90 LONG STREET  
 SASKO BUILDING  
  
 KIMBERLEY  
 KIMBERLEY  
 8301  
 NAOMI MOKONOPFI  
  
**TEL:** 0 **CELL:**

**SPECIAL INSTRUCTIONS:**  
 SIGN + STAMP + EMAIL COLOUR SCAN

**INSURANCE REQUIRED:** NO

**CONTENTS:**  
 BOX

**SECURITY PACK NUMBER:**

**SENDER'S ADDRESS:**  
 PostNet Fourways Mall  
 Shop M2 Fourways Mall  
 Cnr William Nicol  
 & Witkoppen Roads  
 FOURWAYS  
 JOHANNESBURG  
 2191  
 SLR SA - CLIVE  
 fourwaysmall@telkomsa.net  
**TEL:** 011 465 8272 **CELL:** 011 465 8272

Created by: fourwaysmall@telkomsa.net  
 Contact no: 011 465 8272  
 Email address: fourwaysmall@telkomsa.net  
 Date: 06-December-2019  
 WHO WARRANTS THAT HE/SHE IS AUTHORISED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIER IT (SA) (PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

DIMENSIONS (CM)			
NO	L	W	H
1	32.00	24.00	33.00

**PROOF OF DELIVERY**

Letter 09/12/19  
 NAME DATE

Hakoj  
 SIGNATURE TIME

CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION



88813357161

906

**FROM:** Postnet Fourways Mall  
**ACC NO:** 11888

**FROM:** JNB **TO:** KIM

**SHIPPERS REFERENCE:**  
**POWERED BY:**

<b>ONC</b>	<b>WEIGHT:</b> 6.4 KG	<b>PIECES:</b> 1
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**DELIVERY ADDRESS:**  
 DEPT. OF MINERAL & RESOURCES  
 41 SCHMIDTSDRIFT ROAD  
  
 KIMBERLEY  
 KIMBERLEY  
 8301  
 VINCENT MUILA  
  
**TEL:** 0                      **CELL:**

**SPECIAL INSTRUCTIONS:**  
 SIGN + STAMP + EMAIL COL SCAN

**INSURANCE REQUIRED:** NO

**CONTENTS:** BOX                      **SECURITY PACK NUMBER:**

**SENDER'S ADDRESS:**  
 RostNet-Fourways Mall,  
 Shop M2 Fourways Mall  
 Cnr William Nicol  
 & Witkoppen Roads  
 FOURWAYS  
 JOHANNESBURG  
 2191  
 SLR SA CLIVE  
 fourwaysmall@telkomsa.net  
**TEL:** 011 465 8272                      **CELL:** 011 465 8272

Created by: fourwaysmall@telkomsa.net  
 Contact no: 011 465 8272  
 Email address: fourwaysmall@telkomsa.net  
 Date: 06-December-2019  
WHO WARRANTS THAT HE/SHE IS AUTHORISED TO ACT ON BEHALF OF THE CUSTOMER AND THAT THE CUSTOMER AGREES TO THE STANDARD TERMS AND CONDITIONS OF COURIERIT SA(PTY) LTD A COPY OF WHICH IS AVAILABLE ON REQUEST.

DIMENSIONS (CM)			
NO	L	W	H
1	32.00	24.00	33.00

**PROOF OF DELIVERY**

                     09/12/19  
 \_\_\_\_\_                      \_\_\_\_\_  
 NAME                      DATE

                     11:08  
 \_\_\_\_\_                      \_\_\_\_\_  
 SIGNATURE                      TIME

**CONFIRMED SECURITY PACK NUMBER AND RECEIVED IN GOOD ORDER AND CONDITION**



**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**  
**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

*Santa Schoeman*

in my capacity as a representative of

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Hardcopy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>
1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>
50x copies of the summary (25 English, 25 Afrikaans) of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>

Date: *5/12/2019*

*S. Schoeman*  
Signature/ Stamp:

BLACK ROCK  
BIBLIOTEEK / LIBRARY  
POSBUS 191 / PO BOX 101  
SANTOY, 8491

05 December 2019

**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT**  
**FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW**

**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

**Dear Chief Librarian, Black Rock Public Library**

Please find enclosed, for public comment, a copy of the Basic Assessment Report (BAR) and 50 Executive Summaries (25 English and 25 Afrikaans) for the prospecting right application in respect to the Farm Eersbegint. Members of the public have been informed that the BAR is available at the Library and that they are welcome to read it there.

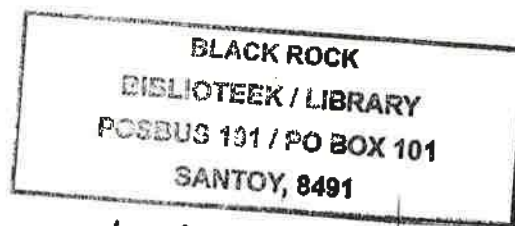
I would like to request that the document should not be removed from the library until the 27 January 2020. Should the received copy be misplaced before this date, please inform us so that it can be replaced.

Thank you for your assistance in this regard. Should you have any queries please contact the undersigned below.

Kind regards



Natasha Smyth  
EAP and Project Manager  
For SLR Consulting (South Africa) (Pty) Ltd  
Tel: 011 467 0945  
Email: [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)



*S. Schoeman*



SLR Consulting (South Africa) (Proprietary) Limited

Registered Address: Unit 7, Fourways Manor Office Park,  
1 Macbeth Avenue, Fourways, 2191  
Postal Address: PO Box 1596, Cramerville, 2060, South Africa

Reg. No: 2007/005517/07  
Vat No: 4630242198

Fourways Office: Physical Address: Unit 7 & 9, Fourways Manor Office Park, 1 Macbeth Avenue, Fourways  
Postal Address: PO Box 1596, Cramerville, 2060 ☎ +27 11 467 0945 ☎ +27 11 467 0978

Cape Town Office: Physical Address: Unit 39, Roeland Square, 30 Drury Lane, Cape Town  
Postal Address: PO Box 10145, Caledon Square, 7905 ☎ +27 21 461 1119 ☎ +27 21 461 1120

Somerset West Office: Unit D3, Building 5, Fairways Office Park, Niblick Way, Somerset West  
☎ +27 21 851 3348

**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**  
**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

*Thembela, Sukazi*  
 in my capacity as a representative of

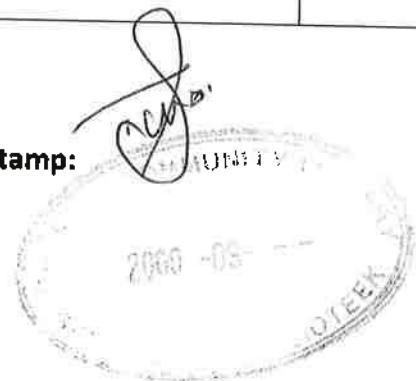
*Hotazel Library*  
 have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Hardcopy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>
1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>
50x copies of the summary (25 English, 25 Afrikaans) of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>

Date: *05/12/2019*

Signature/ Stamp:



05 December 2019

**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT**  
**FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW**

**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

**Dear Chief Librarian, Hotazel Library**

Please find enclosed, for public comment, a copy of the Basic Assessment Report (BAR) and 50 Executive Summaries (25 English and 25 Afrikaans) for the prospecting right application in respect to the Farm Eersbegint. Members of the public have been informed that the BAR is available at the Library and that they are welcome to read it there.

I would like to request that the document should not be removed from the library until the 27 January 2020. Should the received copy be misplaced before this date, please inform us so that it can be replaced.

Thank you for your assistance in this regard. Should you have any queries please contact the undersigned below.

Kind regards



**Natasha Smyth**  
EAP and Project Manager  
For SLR Consulting (South Africa) (Pty) Ltd  
Tel: 011 467 0945  
Email: [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)



**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**  
**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

MATSHIDISHO BABY THEBOYAGAE  
 in my capacity as a representative of

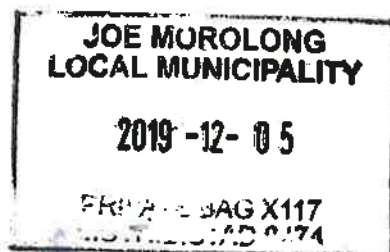
have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Hardcopy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	✓
1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	✓
50x copies of the summary (25 English, 25 Afrikaans) of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	✓

Date: 2019/12/05

Signature/ Stamp:



05 December 2019

## KHWARA MANGANESE (PTY) LTD BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT

### BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW

**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

**The Receptionist, Joe Morolong Local Municipality**

Please find enclosed, for public comment, a copy of the Basic Assessment Report (BAR) and 50 Executive Summaries (25 English and 25 Afrikaans) for the prospecting right application in respect to the Farm Eersbegint. Members of the public have been informed that the BAR is available at the municipality offices and that they are welcome to read it there.

I would like to request that the document should not be removed from the library until the 27 January 2020. Should the received copy be misplaced before this date, please inform us so that it can be replaced.

Thank you for your assistance in this regard. Should you have any queries please contact the undersigned below.



Kind regards



**Natasha Smyth**  
EAP and Project Manager  
For SLR Consulting (South Africa) (Pty) Ltd  
Tel: 011 467 0945  
Email: [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)



**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC AND COMMENTING AUTHORITY REVIEW**  
**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

*Tumelo S. Plaafe*  
 \_\_\_\_\_  
 in my capacity as a representative of

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Hardcopy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	✓
1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	
50x copies of the summary (25 English, 25 Afrikaans) of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	✓

Date: *5/12/2019*

*Plaafe*  
 Signature/ Stamp:

JOHN TAOLO GAETSEWE  
 DISTRIKS MUNISIPALITEIT  
 2019 -12- 05  
 DISTRICT MUNICIPALITY

05 December 2019

**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT**  
**FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW**

**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

**The Receptionist, John Taolo Gaetsewe District Municipality**

Please find enclosed, for public comment, a copy of the Basic Assessment Report (BAR) and 50 Executive Summaries (25 English and 25 Afrikaans) for the prospecting right application in respect to the Farm Eersbegint. Members of the public have been informed that the BAR is available at the municipality offices and that they are welcome to read it there.

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Kind regards



**Natasha Smyth**  
**EAP and Project Manager**  
For SLR Consulting (South Africa) (Pty) Ltd  
Tel: 011 467 0945  
Email: [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

1  
Tumelo Ploaie



**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE**  
**PROSPECTING RIGHT APPLICATION IN RESPECT OF EERSBEGINT FARM**

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**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

This is to certify that I

MIRRIAM DARMAS  
in my capacity as a representative of

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

1x Hardcopy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>
1x Electronic Copy of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input type="checkbox"/>
50x copies of the summary (25 English, 25 Afrikaans) of the Basic Assessment and Environmental Management Programme Report for the Prospecting Right Application in respect of Eersbegint Farm	<input checked="" type="checkbox"/>

Date: 05/12/2019

Miriam Darmas  
Signature/ Stamp:



05 December 2019

**KHWARA MANGANESE (PTY) LTD**  
**BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT**  
**FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT**

**BASIC ASSESSMENT REPORT AVAILABLE FOR PUBLIC REVIEW**

**DMR REFERENCE NUMBER: NC30/5/1/1/2/12467PR**

Dear Chief Librarian, Kathu Public Library

Please find enclosed, for public comment, a copy of the Basic Assessment Report (BAR) and 50 Executive Summaries (25 English and 25 Afrikaans) for the prospecting right application in respect to the Farm Eersbegint. Members of the public have been informed that the BAR is available at the Library and that they are welcome to read it there.

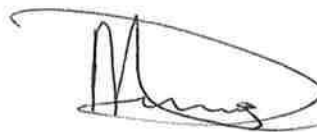
I would like to request that the document should not be removed from the library until the 27 January 2020. Should the received copy be misplaced before this date, please inform us so that it can be replaced.

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Kind regards



**Natasha Smyth**  
EAP and Project Manager  
For SLR Consulting (South Africa) (Pty) Ltd  
Tel: 011 467 0945  
Email: [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)



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KATHU



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Postal Address: PO Box 1596, Cramerview, 2060, South Africa

Reg. No: 2007/005517/07  
Vat No: 4630242198

Fourways Office: Physical Address: Unit 7 & 9, Fourways Manor Office Park, 1 Macbeth Avenue, Fourways  
Postal Address: PO Box 1596, Cramerview, 2060 ☎ +27 11 467 0945 ☎ +27 11 467 0978

Cape Town Office: Physical Address: Unit 39, Roeland Square, 30 Drury Lane, Cape Town  
Postal Address: PO Box 10145, Caledon Square, 7905 ☎ +27 21 461 1118 ☎ +27 21 461 1120

Somerset West Office: Unit D3, Building 5, Fairways Office Park, Hilblick Way, Somerset West  
☎ +27 21 851 3348

## **Copy of correspondence with I&APs**

## Clive Phashe

---

**From:** Nondwe Khanye <khanyeN@eskom.co.za>  
**Sent:** 21 November 2019 02:04 PM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** Afrikaans-2019-11-20-BID-Eerstbegint PR.PDF; English- 2019-11-20-BID-Eerstbegint PR.PDF  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good day Clive,

I have just received the attached BID document.

Eskom is proposing to build a 132kV powerline from the existing Klipkop substation to the new proposed Lehating substation. Please see the EA/layout attached.

The above activity might also have an impact on Klipkop-Lehating project .

Regards

---

**From:** Frederick Ludeke  
**Sent:** 21 November 2019 11:54 AM  
**To:** Nondwe Khanye  
**Subject:** FW: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Hi Nondwe,

This project might also have an impact on Lehating.

Regards,

Frik



---

**From:** Clive Phashe [mailto:cphashe@slrconsulting.com]  
**Sent:** 19 November 2019 04:23 PM  
**To:** Clive Phashe  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE  
FARM EERSTBEGINT 703/43, KURUMAN RD**

## DMR FILE REFERENCE: NC30/5/1/1/2/12467PR

Dear Interested and Affected Party

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the above-mentioned farm in Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is situated approximately 27km North West of Hotazel.

SLR Consulting (South Africa) (Pty) Ltd (SLR) has been appointed as the environmental assessment practitioner responsible for undertaking the environmental regulatory processes and conducting public participation in support of the project. We would thus like to notify you of the project and provide you with introductory information on the proposed project.

The Background Information Document (BID) in English and Afrikaans containing information on the proposed project; the baseline environment of the site; an outline of the Basic Assessment process that will be followed; and the potential environmental impacts has been attached.

Please contact Clive Phashe for any further queries.

**Email:** [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

**Tel:** 011 467 0945

**Fax:** 011 467 0978

**Post:** PO Box 1596, Cramerview, 2060 (if using post, please notify us telephonically of your submission)

Please feel free to pass this document on to any other persons whom you believe may be interested in this project. We welcome any comment or questions.

Yours faithfully

Clive



**Clive Phashe**

Junior Environmental Consultant

 +27 11 467 0945

 2034

 [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

SLR Consulting (South Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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## Clive Phashe

---

**From:** Mike Halliday <mhalliday@aquilaresources.com.au>  
**Sent:** 28 November 2019 02:51 PM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** Registration as I&AP Eerstbegint (form).pdf

Dear Clive,

Attached please find your completed form for registration by Aquila Steel (S Africa) (Pty) Ltd as an interested and affected party in respect of your application for a prospecting right over the farm Eerstbegint (NC30/5/1/1/2/12467PR).

Aquila Steel holds a mining right over an area to the North of Eerstbegint and has a prospecting right renewal over several farms south of the mining right area up to and including Eerstbegint. This renewal is still pending and has not yet been determined.

Kindly note that my email address is [mhalliday@aquilaresources.com.au](mailto:mhalliday@aquilaresources.com.au) and may be difficult to read on your form.

Kindly confirm that Aquila has been registered as an I&AP.

Regards  
**Michael Halliday**  
Director



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

Mobile: (27) 82 655 3401  
E: [mhalliday@aquilaresources.com.au](mailto:mhalliday@aquilaresources.com.au)  
Web: [www.aquilaresources.com.au](http://www.aquilaresources.com.au)

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---

**From:** Clive Phashe <cphashe@slrconsulting.com>  
**Sent:** 19 November 2019 04:23 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

**CAUTION:** External Communication

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE**

**FARM EERSTBEGINT 703/43, KURUMAN RD**

**DMR FILE REFERENCE: NC30/5/1/1/2/12467PR**

Dear Interested and Affected Party

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SLR Consulting (South Africa) (Pty) Ltd (SLR) has been appointed as the environmental assessment practitioner responsible for undertaking the environmental regulatory processes and conducting public participation in support of the project. We would thus like to notify you of the project and provide you with introductory information on the proposed project.

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Please contact Clive Phashe for any further queries.

**Email:** [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

**Tel:** 011 467 0945

**Fax:** 011 467 0978

**Post:** PO Box 1596, Cramerview, 2060 (if using post, please notify us telephonically of your submission)

Please feel free to pass this document on to any other persons whom you believe may be interested in this project. We welcome any comment or questions.

Yours faithfully

Clive



Clive Phashe

Junior Environmental Consultant

 +27 11 467 0945

 2034

 [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

SLR Consulting (South Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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## Clive Phashe

---

**From:** Gert Otto <gotto@kuyaba.co.za>  
**Sent:** 07 January 2020 02:24 PM  
**To:** Clive Phashe  
**Cc:** Renier Vosloo; Philip Brand  
**Subject:** FW: Khwara Manganese Plaas Boerdraai 228 information  
**Attachments:** Khwara 2.jpg

Good day Sir  
Previous mail was incorrect e mail address.  
We are a local SMME company and fully compliant.  
Looking forward to your reply.

Regards  
Gert Otto

---

**From:** Gert Otto  
**Sent:** 12 December 2019 10:24 AM  
**To:** cphashe@slconsulting.com  
**Cc:** Renier Vosloo  
**Subject:** Khwara Manganese Plaas Boerdraai 228 information

Good day.  
I humbly request information regarding the planned exploration activities for that area as we are interested in supplying cleaning and hygiene facilities as per your notification.  
Will this be on tender or can we discuss and if so who can be contacted.

Kind Regards

**GERT OTTO**

BUSINESS DEVELOPMENT

C 071 706 5557  
E gotto@kuyaba.co.za

Unit 4, Seabreeze 1,  
Lansdowning, Kuyaba  
Park, Kudu, 5446



## OPENBARE DEELNAMEPROSES

**KHWARA MANGANESE (EDMS.) BPK.**

### **BASIESE EVALUERINGSPROSES VIR 'N AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS BOERDRAAI 228**

ara Manganeese (Edms.) Bpk. (Khwara) beoog om prospekteebedrywighede vir Ystererts en Mangaan te onderneem op die plaas Boerdraai 228 / Black Rock in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaapprovinsie. Die dom is 27km noordwes van Hotazel. Die prospekteebedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontlading van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare uusting. Wanneer die nie-ingrypende bedrywighede eers afgehandel is, kan die prospekteeboorgate (ingrypende bedrywighede) se posisies bepaal d. Ingrypende bedrywighede sal bestaan uit die boor van vier prospekteeboorgate oor 'n tydperk van twee jaar. Die volgende geriewe en bedrywighede word by elk van die terreine met prospekteeboorgate benodig:

- Tydlike ablusiegeriewe vir kontrakteurs;
- Die daarstel van 'n tydlike toegangspoor;
- Mynputte met plastiekvoerings;
- Tydlike berging van gevaarlike en nie-gevaarlike afval;
- 'n Area met 'n HDPE-seilvoering en 'n boorinstallasie; en
- Die afbakening van die prospekteeërterrein.

inis geskied hiermee van die aansoeke wat gering gaan word vir die magtiging van die beoogde projek ingevolge die omgewingswetgewing wat onder gelys is:

Wetgewing	Gelyste aktiwiteite	Belangrike Elemente van Proses	Bevoegde Owerheid
Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998) en die Regulasies op Omgewings-impakevaluering, 2014, soos gewysig	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 20: Enige aktiwiteit, insluitend die bedryf van daardie aktiwiteit, wat 'n prospekteeereg vereis ingevolge Artikel 16 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne, 2002 (Wet 28 van 2002).	<ul style="list-style-type: none"><li>Aansoek om Omgewingsmagtiging Basiese</li><li>Evalueringsverslag, met insluiting van 'n Omgewingsbestuurs-program en stawende spesialisstudies</li><li>Skakeling met belanghebbers</li></ul>	Noord-Kaapse Departement van Minerale Hulpbronne
	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 22: Die uitbedryfstelling van enige aktiwiteit wat 'n sluitingsertifikaat vereis ingevolge Artikel 43 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne, 2002 (Wet 28 van 2002).		
	<b>Staatskennisgewing R983, Lyskennisgewing 1:</b> Aktiwiteit 27: Die uitroei van inheemse plantegroei op 'n oppervlak van 1 ha of groter, maar kleiner as 20 ha.		

**SLR Consulting (South Africa) (Edms.) Bpk.**, 'n onafhanklike firma van omgewingskonsultante, is deur Khwara aangestel om die Basiese Evaluering- en die Openbare Deelnemeproses te bestuur.

Alle belanghebbers word genooi om as belangstellende en geaffekteerde partye (B&GP's) te registreer. Alle geregistreerde B&GP's sal steeds vir die volle tydsduur van die Basiese Evaluering- en Openbare Deelnemeproses die geleentheid hê om deel te neem en kommentaar te lewer. Geregistreerde B&GP's sal in kennis gestel word van wanneer die Basiese Evalueringsverslag beskikbaar sal wees vir openbare insae. Tree in verbinding met SLR by die kontakbesonderhede hieronder om te registreer of om te kyk of u wel geregistreer is en/of om enige kommentaar op die beoogde projek en prosesse in te dien.

**Clive Phashe**

E-pos: [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)  
Tel: 011 467 0945

Faks: 011 467 0978

Posadres: Postbus 1596, Gramerview, 2060

(Let wel: As u die posdiens gebruik, moet u ons asseblief ook telefonies kontak om ons in kennis te stel van u indiening.)

## Clive Phashe

---

**From:** Natasha Smyth  
**Sent:** 17 February 2020 02:09 PM  
**To:** Gert Otto  
**Cc:** Renier Vosloo; Philip Brand  
**Subject:** RE: Khwara Manganese Plaas Boerdraai 228 information

Hi Gert

Thank you for your comments. Please note that SLR is not responsible for procurement of services. SLR has been appointed by Khwara to manage an environmental authorisation process in support of a prospecting right application. However, your details will be forwarded to Khwara. In addition to this, you have been included onto the project database as part of the environmental authorisation process and will receive further information as part of the public participation process.





Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

 +27 83 226 8570  
 +27 11 467 0945  
 2029  
 [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
SLR Consulting (Johannesburg office)  
Suite1 - Building D, Monte Circle  
178 Montecasino Boulevard  
Fourways, Johannesburg, Gauteng, 2191



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---

**From:** Gert Otto <gotto@kuyaba.co.za>  
**Sent:** 07 January 2020 02:24 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Cc:** Renier Vosloo <rvosloo@kuyaba.co.za>; Philip Brand <philip@kuyaba.co.za>  
**Subject:** FW: Khwara Manganese Plaas Boerdraai 228 information

Good day Sir

Previous mail was incorrect e mail address.

We are a local SMME company and fully compliant.

Looking forward to your reply.

Regards  
Gert Otto

---

**From:** Gert Otto  
**Sent:** 12 December 2019 10:24 AM  
**To:** [cphashe@slconsulting.com](mailto:cphashe@slconsulting.com)  
**Cc:** Renier Vosloo  
**Subject:** Khwara Manganese Plaas Boerdraai 228 information

Good day.

I humbly request information regarding the planned exploration activities for that area as we are interested in supplying cleaning and hygiene facilities as per your notification.

Will this be on tender or can we discuss and if so who can be contacted.

Kind Regards

**GERT OTTO**

**BUSINESS DEVELOPMENT**

C 071 706 5557  
E [gert@kuyaba.co.za](mailto:gert@kuyaba.co.za)

Jnr 4, Swakop 1.  
Consulting Services  
Park Road, 9000



## Clive Phashe

---

**From:** Nondwe Khanye <khanyeN@eskom.co.za>  
**Sent:** 02 December 2019 12:16 PM  
**To:** Natasha Smyth  
**Cc:** Clive Phashe; nhager@lehating.com  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Boerdraai

Hi Natasha

Thank you for the response.

Regards

---

**From:** Natasha Smyth [mailto:[nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)]  
**Sent:** 02 December 2019 10:48 AM  
**To:** Nondwe Khanye  
**Cc:** Clive Phashe; nhager@lehating.com  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Boerdraai

Hi Nondwe

I hope this email finds you well.

Thank you for your comments. This email serves to confirm that the proposed prospecting activities will not impact on the 132KV Powerline project.

Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

**c** +27 83 226 8570  
**t** +27 11 467 0945  
**d** 2029  
**e** [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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---

**From:** Nondwe Khanye [mailto:khanyeN@eskom.co.za]  
**Sent:** 21 November 2019 11:26 AM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Boerdraai  
**Importance:** High

Good day clive,

I am Nondwe (Environmental Officer) from Eskom Northern Cape.

I have just received the attached BID document.

Eskom is proposing to build a 132kV powerline from the existing Klipkop substation to the new proposed Lehating substation. Please see the EA/layout attached.

Can you please double check if the above proposed activity will not cause impact on the Lehating project

Regards  
Nondwe Khanye  
Tel: 053 830 5946  
Cell: 083 9690730

---

**From:** Frederick Ludeke  
**Sent:** 21 November 2019 10:59 AM  
**To:** Nondwe Khanye  
**Subject:** FW: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Boerdraai  
**Importance:** High

Hi Nondwe,

I trust you are doing well. I received this BID document but I do not have any projects in this area. I know Lehating is somewhere in this area so maybe this project might impact on Lehating. So you can just have a look at it to see if it will impact on your project. And if it does you can make contact with the environmental consultant.

Regards,

Frik



---

**From:** Clive Phashe [mailto:cphashe@slrconsulting.com]  
**Sent:** 19 November 2019 04:20 PM  
**To:** Clive Phashe  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Boerdraai  
**Importance:** High

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE  
FARM BOERDRAAI 228 KURUMAN RD  
DMR FILE REFERENCE: NC30/5/1/1/2/12466PR**



Dear Interested and Affected Party

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the above-mentioned farms in Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is situated approximately 27km North West of Hotazel.

SLR Consulting (South Africa) (Pty) Ltd (SLR) has been appointed as the environmental assessment practitioner responsible for undertaking the environmental regulatory processes and conducting public participation in support of the project. We would thus like to notify you of the project and provide you with introductory information on the proposed project.

The Background Information Document (BID) in English and Afrikaans containing information on the proposed project; the baseline environment of the site; an outline of the Basic Assessment process that will be followed; and the potential environmental impacts has been attached.

Please contact Clive Phashe for any further queries.

**Email:** [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

**Tel:** 011 467 0945

**Fax:** 011 467 0978

**Post:** PO Box 1596, Cramerview, 2060 (if using post, please notify us telephonically of your submission)

Please feel free to pass this document on to any other persons whom you believe may be interested in this project. We welcome any comment or questions.

Yours faithfully

Clive



Clive Phashe

Junior Environmental Consultant

+27 11 467 0945

2034

[cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

SLR Consulting (South Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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## Clive Phashe

---

**From:** Natasha Smyth  
**Sent:** 05 December 2019 08:25 AM  
**To:** nhager@lehating.com; mhalliday@aquilaresources.com.au  
**Cc:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Hi Mike

Thank you for your correspondence. We have incorporated your comments into the Basic Assessment Report (BAR) that is being compiled for the project. Please note that the applicant is waiting for feedback from the Department of Mineral Resources pertaining on this matter. No formal response has been received from the Department.

This email serves to confirm that you have been included onto the project database and as such will be notified when the BAR will be available for public review and comment.

Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

**c** +27 83 226 8570  
**o** +27 11 467 0945  
**d** 2029  
**e** [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
Unit 7  
Fourways Manor Office Park  
1 MacBeth Avenue  
Fourways, Johannesburg, Gauteng, 2191



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---

**From:** Mike Halliday [mailto:mhalliday@aquilaresources.com.au]  
**Sent:** 28 November 2019 02:51 PM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Dear Clive,

Attached please find your completed form for registration by Aquila Steel (S Africa) (Pty) Ltd as an interested and affected party in respect of your application for a prospecting right over the farm Eersbegint (NC30/5/1/1/2/12467PR).

Aquila Steel holds a mining right over an area to the North of Eersbegint and has a prospecting right renewal over several farms south of the mining right area up to and including Eersbegint. This renewal is still pending and has not yet been determined.

Kindly note that my email address is [mhalliday@aquilaresources.com.au](mailto:mhalliday@aquilaresources.com.au) and may be difficult to read on your form.

Kindly confirm that Aquila has been registered as an I&AP.

Regards  
**Michael Halliday**  
Director



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

Mobile: (27) 82 655 3401  
E: [mhalliday@aquilaresources.com.au](mailto:mhalliday@aquilaresources.com.au)  
Web: [www.aquilaresources.com.au](http://www.aquilaresources.com.au)

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---

**From:** Clive Phashe <cphashe@slrconsulting.com>  
**Sent:** 19 November 2019 04:23 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

**CAUTION:** External Communication

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE  
FARM EERSTBEGINT 703/43, KURUMAN RD  
DMR FILE REFERENCE: NC30/5/1/1/2/12467PR**

Dear Interested and Affected Party

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the above-mentioned farm in Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The property is situated approximately 27km North West of Hotazel.

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Please contact Clive Phashe for any further queries.

**Email:** [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

**Tel:** 011 467 0945

**Fax:** 011 467 0978

**Post:** PO Box 1596, Cramerview, 2060 (if using post, please notify us telephonically of your submission)

Please feel free to pass this document on to any other persons whom you believe may be interested in this project. We welcome any comment or questions.

Yours faithfully

Clive



**Clive Phashe**

Junior Environmental Consultant

 +27 11 467 0945

 2034

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SLR Consulting (South Africa) (Pty) Ltd  
Unit 7  
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## Clive Phashe

---

**From:** Clive Phashe  
**Sent:** 20 November 2019 02:37 PM  
**To:** Louis Hauman; louis.hauman@gmail.com  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Good day Louis,

Thank you for the email.

Your contact details on the projects database have been updated.

Kind regards,

---

**From:** Louis Hauman [mailto:louis@soetvlakte.co.za]  
**Sent:** 19 November 2019 04:47 PM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Clive  
Please update my email address in you database to [louis.hauman@gmail.com](mailto:louis.hauman@gmail.com).  
Regards

Louis Hauman  
083 251 5334

---

**From:** Clive Phashe <cphashe@slrconsulting.com>  
**Sent:** Tuesday, 19 November 2019 16:23  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE  
FARM EERSTBEGINT 703/43, KURUMAN RD  
DMR FILE REFERENCE: NC30/5/1/1/2/12467PR**

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Yours faithfully

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**Clive Phashe**

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## Clive Phashe

---

**From:** Nondwe Khanye <khanyeN@eskom.co.za>  
**Sent:** 21 November 2019 02:04 PM  
**To:** Clive Phashe  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** Afrikaans-2019-11-20-BID-Eerstbegint PR.PDF; English- 2019-11-20-BID-Eerstbegint PR.PDF  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Good day Clive,

I have just received the attached BID document.

Eskom is proposing to build a 132kV powerline from the existing Klipkop substation to the new proposed Lehating substation. Please see the EA/layout attached.

The above activity might also have an impact on Klipkop-Lehating project .

Regards

---

**From:** Frederick Ludeke  
**Sent:** 21 November 2019 11:54 AM  
**To:** Nondwe Khanye  
**Subject:** FW: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Hi Nondwe,

This project might also have an impact on Lehating.

Regards,

Frik



---

**From:** Clive Phashe [mailto:cphashe@slrconsulting.com]  
**Sent:** 19 November 2019 04:23 PM  
**To:** Clive Phashe  
**Subject:** Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

**NOTICE OF APPLICATION FOR PROSPECTING RIGHTS APPLICATIONS IN RESPECT OF THE  
FARM EERSTBEGINT 703/43, KURUMAN RD**



## DMR FILE REFERENCE: NC30/5/1/1/2/12467PR

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Yours faithfully

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Unit 7  
Fourways Manor Office Park  
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Fourways, Johannesburg, Gauteng, 2191



WINNERS : *International Business*  
Excellence Award, 2016

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# KHWARA MANGANESE (EDMS.) BPK.

## AGTERGRONDINLIGTINGSDOKUMENT VIR DIE AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43, AFDELING KURUMAN REGISTRASIE, NOORD-KAAPPROVINSIE

NOVEMBER 2019

### INLEIDING

Khwarra Manganese (Edms.) Bpk. ("Khwarra") beoog om prospekterbedrywighede vir Ystererts en Mangaan te onderneem op die plaas Eersbegint 703/43 naby Black Rock in die Joe Morolong Plaaslike Munisipaliteit, in die John Taolo Gaetsewe Distriksmunisipaliteit van die Noord-Kaap-provinsie. Die prospekterbedrywighede sal nie-ingrypende en ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede sal bestaan uit die ontleding van bestaande kern, gronddeurdringende radar en magnetiese kartering van grond met draagbare toerusting. Ingrypende bedrywighede sal bestaan uit die boor van tien eksplorasiëboorgate. Die eiendom is 27 km noordwes van Hotazel. Die streeks- en plaaslike ligging word onderskeidelik in Figuur 1 en Figuur 2 hieronder uitgebeeld.

### OMGEWINGSMAGTIGINGSPROSES

Voor die aanvang van die beoogde projek, word die volgende benodig:

- 'n Omgewingsmagtiging deur die Departement van Minerale Hulpbronne (DMH) ingevolge die Nasionale Wet op Omgewingsbestuur (Wet 107 van 1998). Die Regulasies op Omgewingsimpakevaluering wat gevolg word, is Staatskennisgewing R982 van 4 Desember 2014, soos gewysig. Deel van die beoogde projek sal aanleiding gee tot gelyste aktiwiteite ingevolge Lyskennisgewing 1 van Staatskennisgewing R983, gevolglik sal 'n Basiese Evalueringproses gevolg word.
- 'n Prospekterreg deur die DMH ingevolge Artikel 16 van die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (Wet 28 van 2002).

### DOEL VAN HIERDIE DOKUMENT

Hierdie dokument is opgestel deur SLR om u toe te lig oor:

- die beoogde prospekterprojek;
- die omgewingsevalueringproses (Basiese Evalueringproses) wat gevolg word;
- moontlike omgewings-/kultuur-/sosio-ekonomiese impakte; en
- hoe u insette in die omgewingsevalueringproses kan lewer.

### U ROL

U is as 'n belangstellende en/of geaffekteerde party (B&GP) geïdentifiseer wat moontlik ingelig wil word oor die beoogde projek en insette in die omgewingsproses en -verslag wil hê.

U het 'n geleentheid vir insae in hierdie Agtergrondinligtingsdokument (AID) en om u aanvanklike kommentaar aan SLR te voorsien vir insluiting in die omgewingsproses.

U sal ook die geleentheid kry om insae te hê in en kommentaar te lewer op die Basiese Evalueringverslag (BE-verslag).

Alle kommentaar wat ontvang word, sal aangeteken en ingesluit word in die verslag wat by die DMH ingedien gaan word vir besluitneming.

### HOE OM TE REAGEER

Reaksie op hierdie dokument kan ingedien word by wyse van die aangehegte kommentaarvorm en/of deur kommunikasie met die onderstaande persoon.

### WIE OM TE KONTAK

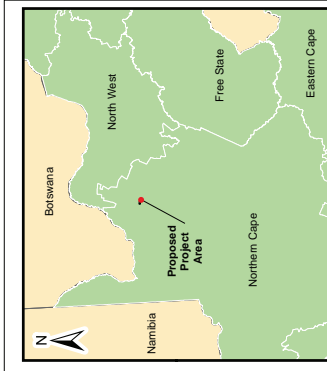
Clive Phashe

Tel: 011 467 0945 of

Faks: 011 467 0978 of

E-pos: [cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

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



- Legend**
- Voorgestelde Projekarea
  - Stedelike gebiede
  - Plaaslike Munisipaliteite 2011
  - Hoofpaate
  - Sekondere Paate
  - Kragdraade
  - Riviere en Strome
  - 20m Kontourlyne
  - Vleilande

Scale: 1 : 400 000 @ A3  
 Projection: Transverse Mercator  
 Datum: Harare/ESHOK, LOZ3

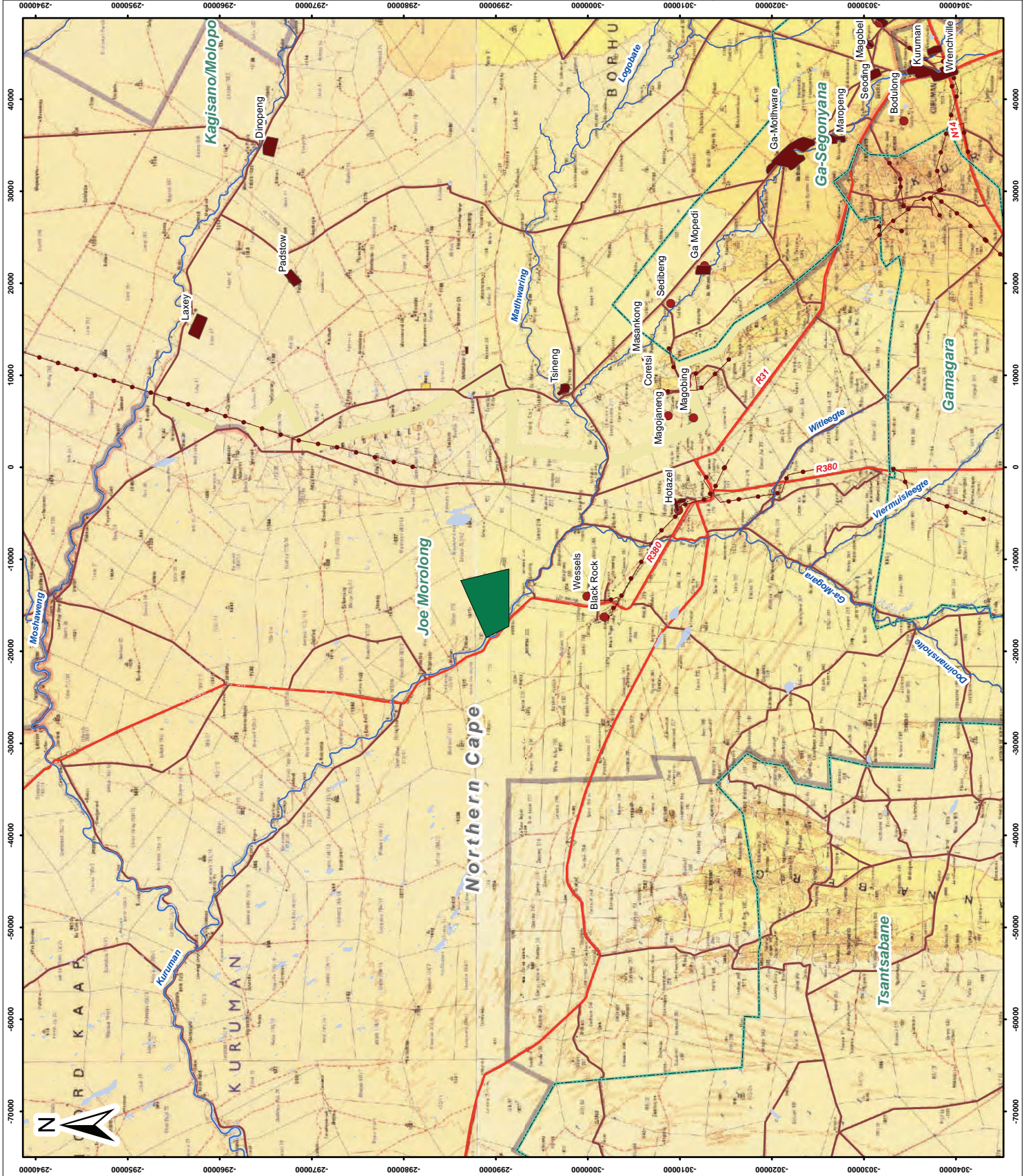
KWHARA MANGANESE (PTY) LTD

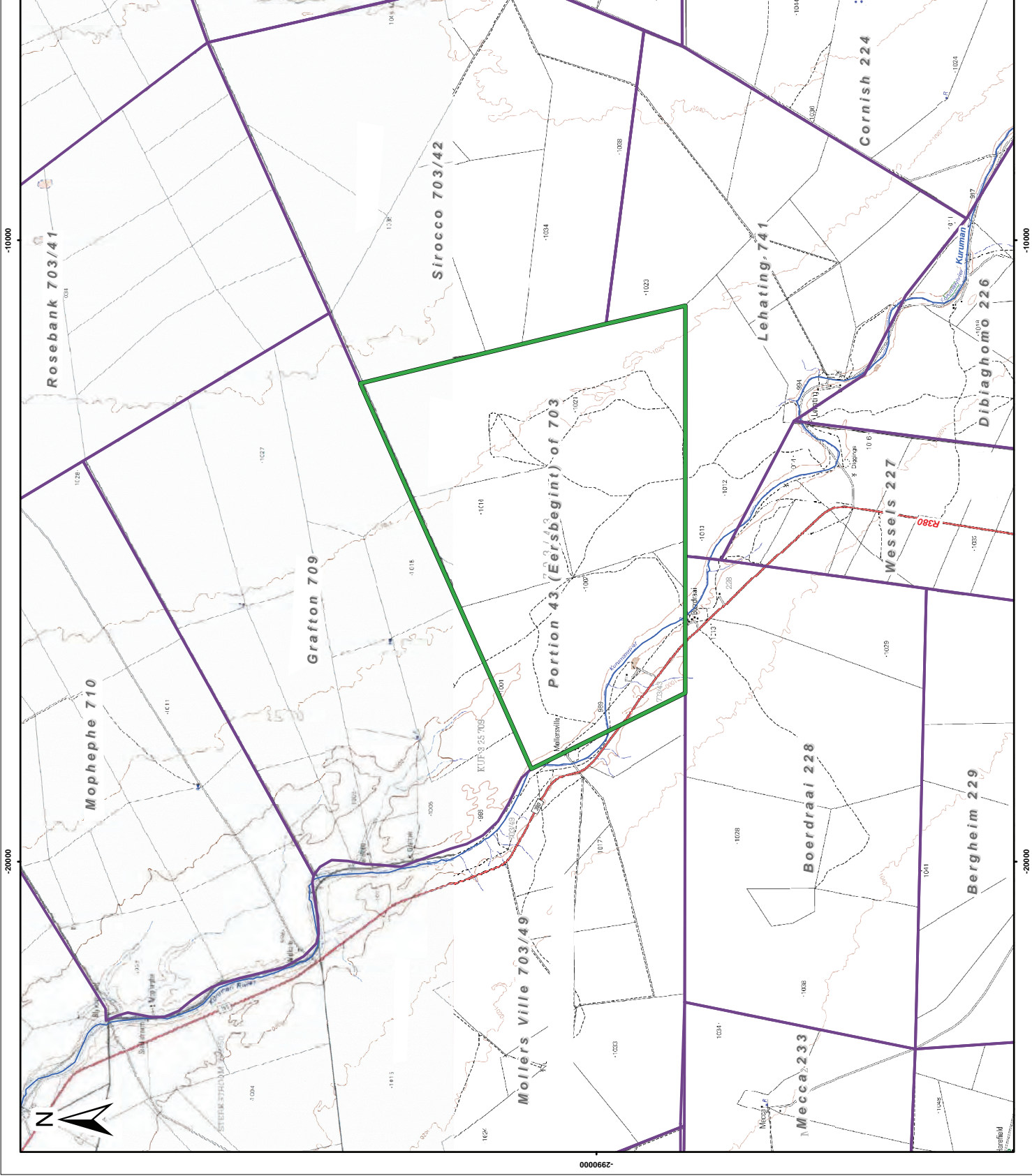
**Figuur 1**  
**Streëksomgewing**



SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1586, Cramersview, 2060, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

720.11033.P0001 2019/11/19





**Legend**

- Voorgestelde Projekarea
- Hoodpaate
- Riviere en Strome
- 20m Kontoeerlyne
- Plaasbeperkings

Scale: 1: 63 360 @ A3  
 Projection: Transverse Mercator  
 Datum: Harareeshook, L023

0 1 2 Kilometers

**KIWHARA MANGANESE (PTY) LTD**

**Figuur 2**

**Plaaslikeomgewing**



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

720.11033.00002      2019/11/19

## OORSIG

Die projek sal ingrypende en nie-ingrypende bedrywighede insluit. Nie-ingrypende bedrywighede behels die aanwending van gronddeurdringende radar om 'n mate van detail van die geologiese strukture te bied. Wanneer die nie-ingrypende bedrywighede eers afgehandel is, kan die liggings van die prospekterboorgate (ingrypende bedrywighede) se posisies bepaal word. Die volgende geriewe en bedrywighede word by elk van die terreine met prospekterboorgate benodig:

- Tydelike ablusiegeriewe vir kontrakteurs;
- Die daarstel van 'n tydelike toegangspoor;
- Mynputte met plastiekvoerings;
- Tydelike berging van gevaarlike en nie-gevaarlike afval;
- 'n Area met 'n HDPE-seilvoering en 'n boorinstallasie;
- Die afbakening van die prospekterterrein.

Op hierdie stadium word in die vooruitsig gestel dat altesaam tien prospekterboorgate oor 'n tydperk van twee jaar aan die hand van diamantkernboormetodes geboor sal word.

Elk van die boorterreine sal, sodra boorwerk afgehandel is, uit bedryf gestel word. Uitbedryfstelling sal voorsiening maak vir die volgende: afsluiting en verseëling van boorgate; verwydering van enige boortoerusting, chemikalieë en afval; verwydering en vulling van mynputte; en die skeur (met 'n ploeg) van gekompakteerde grond (by boorterreine en toegangspore) sodat plante weer daar kan vestig.

## PROJEKALTERNATIEWE

Die liggings van die prospekterbedrywighede hang af van die ligging van die ertsliggaam. Derhalwe word geen alternatiewe oorweeg nie, aangesien prospekterbedrywighede beperk sal wees tot die plaas Eersbegint 703/43.

## PROJEKMOTIVERING

Werkloosheid is 'n uitdaging in die Joe Morolong Plaaslike Munisipaliteit. Die prospekterbedrywighede sal verskeie direkte werksgeleenthede behels en sal 'n positiewe impak op beide indirekte ondernemings en werkskepping hê. 'n Groot persentasie van hierdie werksgeleenthede sal die omliggende gemeenskappe tot voordeel strek. 'n Gedeelte van die ongeskoolde en halfgeskoolde arbeid sal waarskynlik plaaslik gewerf word.

SLR Consulting (South Africa) (Edms.) Bpk.

Hierdie afdeling bied 'n basiese beskrywing van die beoogde projekgebied se huidige status.

**Geologie:** Die beoogde projekterrein is geleë in die Kalaharikom, wat 'n mangaan-hotazel-ysterformasie is. Die Kalaharikom is sowat 56 km lank met 'n wydte wat wissel tussen 5 km en 20 km.

**Klimaat:** Die projekgebied val in die Noordelike Steppe klimaatzone, wat 'n semi-ariëde streek is, gekenmerk deur wisselvallige reënval, hoë verdampingsvlakke, warm somers en koue winters. Die jaarlikse reënval is minder as 400 mm.

**Topografie:** Die beoogde projekgebied is geleë in 'n betreklik plat gebied met geleidelike hellings. Die terrein se elevasie wissel tussen 1 009 en 1 013 m bo gemiddelde seevlak (mamsl).

**Grond, grondvermoë en grondgebruik:** Die beoogde projekgebied bestaan uit struktuurlose, diep (>1 200 mm), sanderige, rooi- en geelgrond van die Hutton- en Clovelly-vorms. Weens die hoë infiltrasiekoerse wat verband hou met sanderige grond, bied die beoogde projekterrein se grondsoorte 'n lae verbouingspotensiaal. Weens die fyn, sanderige aard van die grondvorme en die lae klei-inhoud en beperkte organiese stowwe, is die grondsoorte hoogs erodeerbaar, veral waar plantegroei verwyder is. Grondgebruike om die myn sluit in weiding vir 'n kombinasie lewendehawe, wildsboerdery, mynbou en verwante en ylgesaaide wonings. Die R380 loop deur die suid-westelike gedeelte van die beoogde projekterrein.

**Plant- en dierlewe (op land):** Die beoogde projekgebied is geleë in die Kathu-bosveld en die Suidelike Kalahari Mekgacha. Die Kathu-bosveld word gekenmerk deur die oop savanna met *Vachellia erioloba* (kameeldoringboom) en *Boscia albitrunca* (witgatboom) as die oorheersende bome. Hoë *Vachellia eriolobas* kan 'n dominante belt met die rivier langs vorm. *Vachellia erioloba* is 'n beskermde spesie kragtens die Nasionale Wet op Bosse van 1998. Weens die teenwoordigheid van mynbou, prosperteerwerke en boerderybedrywighede in en om die beoogde projekterrein is daar baie min bewyse van dierbevolkings wat met die beoogde projekgebied geassosieer word. Voëlspesies op die rooidatalys wat waarskynlik in die beoogde projekgebied voorkom, sluit in die Breëkoparend, Sekretarisvoël en die Afrika Witruugaasvoël. Dierspesies op die rooidatalys wat waarskynlik voorkom, sluit in die ratel en die Suid-Afrikaanse krimpvarkie.

**Akwatiese omgewing:** Die Kurumanrivier is 'n Nasionale Varswater Ekosisteem Prioriteitsgebied, Kategorie B-rivier (Oorwegend natuurlik met min modifikasies) en is 'n belangrike grondwater-hervullingsgebied. Die plantegroei op die rivieroewer word deur *Grewia flava*, *Vachellia karroo*, *Tragus racemosus*, *Schmidtia kalahariensis* en *Eragrostis* sp. oorheers en is duidelik onderskeibaar van die terrestriële gemeenskap. Die vloei van oppervlakwater in die Kurumanrivier is laas in 1974 aangeteken. Slegs vloei benede die oppervlak met geïsoleerde holtes met oppervlakwater is aangeteken. Dit is voldoende om die akwatiese diergemeenskappe na swaar reënval episodes te dra.

**Oppervlakwater:** Die beoogde projek is in die kwaternêre opvangsgebied D41M geleë, wat 'n bruto totale opvangsgebied van 13 780 km<sup>2</sup> het. Die Kurumanrivier is geleë aan die suid-westelike grens van beoogde projekterrein. Weens die efemere aard van die rivier, is daar geen derdepartye wat afhanklik is van oppervlakwaterhulpbronne nie.

**Grondwater:** Die projekgebied word onderlê deur 'n vlak, onbegrensde Kalahari-akwifer en die dieper, gefraktueerde Hotazel-akwifer. Die beoogde projekgebied se gemiddelde grondwatervlak wissel tussen 9 m en 58 m onder grondvlak. Die gehalte van die grondwater is oor die algemeen swak, weens verhoogde konsentrasies chloor, natrium en magnesium. Die dominante vloei van grondwater is in 'n noordwestelike rigting, in die rigting van die Kurumanrivier. Die meeste van die boorgate om die beoogde projekgebied word vir huishoudelike gebruik en veesuipings gebruik.

**Luggehalte:** Die omringende luggehalte is beïnvloed deur naburige myne, die verbranding van huishoudelike brandstof en voertuie se uitlaatgasse.

**Geraas:** Die breër gebied word algemeen gekenmerk deur landelike eienskappe en is nie blootgestel aan verhoogde geraasvlakke nie. Geraasvlakke in die projekgebied word hoofsaaklik deur omliggende boerderybedrywighede, plaaslike verkeer en mynboubedrywighede veroorsaak.

**Visueel:** Die beoogde projekgebied is geleë in die plat, oop vlaktes van die Kalahari. Die terrein is landelik van aard, hoewel die bestaande omliggende mynboubedrywighede wat suid van die beoogde projekterrein geleë is, die gevoel van plek en die natuurlike visuele karakter van die gebied reeds geaffekteer het.

**Erfenis-/Kultuur- en paleontologiese hulpbronne:** Erfenishulpbronne in die algemene omgewing sluit in begraafplase en grafte, geskiedkundige plaasopstalle en strukture en terreine wat om die rivieroewers gekonsentreerd is wat uit die Middel- en Laatsteentydperk dateer. Die terrein se paleontologiese sensitiviteit is laag, hoewel daar 'n moontlikheid van aanwesige Stromatoliete in die projekgebied is.

**Sosio-ekonomies:** Die dorp Black Rock is sowat 2,5 km suid van die beoogde projekgebied geleë. Die opvoedingsvlakke in die gebied is betreklik laag met 'n hoë werkloosheidsvlak en 'n afhanklikheid van bestaansboerdery, die openbare sektor, seisoenswerkers en emplojering in die mynbousektor. Watervoorsiening en sanitasie bly 'n uitdaging, veral in landelike gebiede. Daar was 'n toename in die aantal huishoudings in die gebied wat elektrisiteit as kragbron ontvang het. Mynbou en staatsdienste is die primêre ekonomiese sektore.

#### POTENSIËLE OMGEWINGS-/KULTUUR-/ SOSIO-EKONOMIESE IMPAKTE

Die onderstaande voorlopige lys van potensiële impakte is geïdentifiseer. Hierdie lys is geskoei op SLR se ervaring met soortgelyke prospekterprojekte. Weens die klein skaal en tydelike aard van die beoogde prospekterbedrywighede, sal die impakte wat met die projek verband hou, na verwagting minimaal wees.

Potensiële impakte sluit in:

- veiligheidsrisiko's wat die infrastruktuur en uitgrawings inhou;
- gronderosie en/of besoedeling;
- 'n verlies aan plant- en dierspesies by die boorterreine;
- besoedeling van oppervlakwaterhulpbronne;
- kontaminasie van grondwaterhulpbronne;
- stofopwekking;
- 'n toename in geraasbesoedeling;
- verlies aan erfenishulpbronne (insluitend grafte) sou dit op die terrein voorkom;
- 'n verlies aan grondgebruik en -vermoë;
- sosio-ekonomiese voordele deur die verlenging van bestaande indiensnemingskontrakte.

## OMGEWINGSMAGTIGINGSPROSES

Die omgewingsevalueringproses:

- bied inligting oor die projek en die omgewing waarin dit onderneem word;
- identifiseer die potensiele negatiewe en positiewe omgewings-/kultuur-/sosio-ekonomiese impakte deur skakeling met B&GP's;
- doen verslag oor bestuursmaatreëls wat nodig word om impakte te versag en inkorporeer vereistes vir moniteringsprogramme (waar nodig).

Die proses se waarskynlike stappe en tydsraamwerke word hieronder verskaf.

### FASE I – AANSOEKFASE (November 2019)

- Opstel van die NEMA-aansoek
- Indiening van die NEMA-aansoek by die DMH

### FASE II – BEV-fase (November 2019 - Januarie 2020)

- Stel owerhede wat kommentaar lewer en B&GP's in kennis van die beoogde projek en omgewings-evalueringproses (deur koerantadvertensies, terreinkennisgewings en die AID)
- Opstel van BEV en opsomming, verspreiding aan B&GP's en owerhede wat verslag doen vir 30-dae insaetydperk (November 2019)
- Bywerking van die BEV by met kommentaar wat tydens die openbare insaetydperk ontvang is

### FASE III – Bevoegde owerheid insaefase (Januarie 2020 – April 2020)

- Indiening van BEV (met insluiting van kommentaar wat tydens die insaetydperk geopper is) by die DMH vir besluitneming (107-dae afgekondigde besluitnemingstydperk)
- Sirkuleer die DMH se besluit aan B&GP's op die projek se databasis

## PARTYE BETROKKE BY DIE OMGEWINGSEVALUERINGSPROSES

### BESLUITNEMINGSOWERHEDE

- Noord-Kaapse Departement van Minerale Hulpbronne (DMH)

### B&GP's

- Grondeienaars en grondgebruikers in/langs die prospekterreggebied
- Gemeenskappe in/langs die prospekterreggebied
- Semi-staatsinstellings

### BEVOEGDE OWERHEDE EN OWERHEDE WAT KOMMENTAAR LEWER

- Noord-Kaapse Departement van Omgewingsake & Natuurbewaring (DENC)
- Noord-Kaapse Departement van Water en Sanitasie (DWS)
- Noord-Kaapse Departement van Landelike Ontwikkeling en Grondhervorming (DRDLR)
- Suid-Afrikaanse Erfenishulpbrongagentskap (SAHRA) en/of Provinsiale Erfenishulpbronorwerheid (PHRA)
- Noord-Kaapse Departement van Landbou, Bosbou en Visserye (DAFF)
- Noord-Kaapse Departement van Paaie en Vervoer (NCDRT)

### PLAASLIKE OWERHEID

- Joe Morolong Plaaslike Munisipaliteit (met insluiting van wyksraadslid)
- John Taolo Gaetsewe Distriksmunisipaliteit

**Stel ons asseblief in kennis as daar nog partye is wat betrokke moet wees.**

# KHWARA MANGANESE (EDMS.) BPK.

## AGTERGRONDINLIGTINGSDOKUMENT VIR DIE AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43, AFDELING KURUMAN REGISTRASIE, NOORD-KAAPPROVINSIE

DATUM		TYD		
BESONDERHEDE VAN DIE BELANGSTELLEDE EN GEAFFEKTEERDE PARTY				
NAAM				
BELANG BY DIE BEOOGDE PROJEK				
POS-/STRAATADRES				
		POSKODE		
TELEFOONNOMMER BY DIE WERK/BEDAGS		FAKSNOMMER BY DIE WERK/BEDAGS		
SELFOONNOMMER		E-POSADRES		
REGISTREER MY ASSEBLIEF FORMEEL AS 'N BELANGSTELLEDE EN GEAFFEKTEERDE PARTY (B&GP) SODAT EK VERDERE INLIGTING EN KENNISGEWINGS TYDENS DIE OMGEWINGSIMPAKEVALUERINGSPROSES KAN ONTVANG.			JA	NEE
HOE WIL U U KENNISGEWINGS ONTVANG?			E-POS	
			GEREGISTREERDE POS (PER POS)	
			FAKS	

SKRYF U KOMMENTAAR EN VRAE ASSEBLIEF HIER NEER (gebruik gerus aparte bladsye as u wil)

--

SLUIT ASSEBLIEF DIE VOLGENDE VAN MY KOLLEGAS/VRIENDE/BURE IN AS B&GP'S VIR HIERDIE PROJEK:

--------------

Stuur ingevulde vorms asseblief terug aan:

Clive Phashe  
SLR Consulting (South Africa) (Edms.) Bpk.  
Tel: 011 467 0945 en/of Faks: 011 467 0978  
E-pos: cphashe@slrconsulting.com

**DANKIE VIR U BYDRAE!**



# KHWARA MANGANESE (PTY) LTD

## BACKGROUND INFORMATION DOCUMENT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43 KURUMAN RD, NORTHERN CAPE PROVINCE

NOVEMBER 2019

### INTRODUCTION

Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eersbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar and hand held ground magnetic mapping. Invasive activities would comprise drilling of ten exploration boreholes. The property is 27km North West of Hotazel. The Regional and Locality Settings are presented below as Figure 1 and Figure 2 respectively.

### ENVIRONMENTAL AUTHORISATION PROCESS

Prior to the commencement of the proposed project, the following is required:

- An environmental authorisation from the Department of Mineral Resources (DMR) in terms of the National Environmental Management Act No. 107 of 1998. The Environmental Impact Assessment Regulations being followed are Government Notice Regulation (GNR) 982 of 4 December 2014, as amended. Listed activities in terms of Listing Notice 1 GNR 983 will be triggered as part of the proposed project and as such a Basic Assessment Process will be followed.
- A prospecting right from the DMR in terms of Section 16 of the Mineral, Petroleum and Resources Development Act (No. 28 of 2002).

### PURPOSE OF THIS DOCUMENT

This document has been prepared by SLR to inform you about:

- The proposed prospecting project;
- The environmental assessment process being followed (Basic Assessment Process);
- Possible environmental/cultural/socio-economic impacts; and
- How you can have input into the environmental assessment process.

### YOUR ROLE

You have been identified as an interested and/or affected party (I&AP) who may wish to be informed about the proposed project and have input into the environmental process and report.

You have an opportunity to review this Background Information Document (BID) and to provide your initial comments to SLR for incorporation in the environmental process.

You will also be given the opportunity to review and comment on the Basic Assessment (BA) report.

All comments received will be recorded and included in the report submitted to the DMR for decision-making.

### HOW TO RESPOND

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

### WHO TO CONTACT

Clive Phashe  
(011) 467 0945 (Tel) or  
(011) 467 0978 (Fax) or  
[cphashe@slrconsulting.com](mailto:cphashe@slrconsulting.com)

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

## Clive Phashe

---

**From:** Natasha Smyth  
**Sent:** 17 February 2020 01:51 PM  
**To:** Hendrik Venter  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** IMG\_20191121\_0001.pdf

Hi Hendrik

Thank you. We have updated the project database to reflect the information provided in the attached.





Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

-  +27 83 226 8570
-  +27 11 467 0945
-  2029
-  [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
SLR Consulting (Johannesburg office)  
Suite1 - Building D, Monte Circle  
178 Montecasino Boulevard  
Fourways, Johannesburg, Gauteng, 2191



### Confidentiality Notice and Disclaimer

This communication and any attachment(s) contain information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you have received this communication in error, please email us by return mail and then delete the email from your system together with any copies of it. Any views or opinions are solely those of the author and do not represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

---

**From:** Hendrik Venter <camel@vodamail.co.za>  
**Sent:** 21 November 2019 12:57 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Re: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

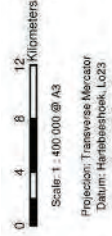
Good Day, Mr Phashe - Received your e-mail of 19-11-2019. Thank you.

Please find attached the filled in background document.

Regards. H P Venter (MD SALTRIM RANCHES PTY LTD)



- Legend**
- Eersbegint 703/73
  - Urban Areas
  - Local Municipalities 2011
  - Main Roads
  - Secondary Roads
  - Power Line
  - Rivers and Streams
  - 20m Contour Lines
  - Wetlands



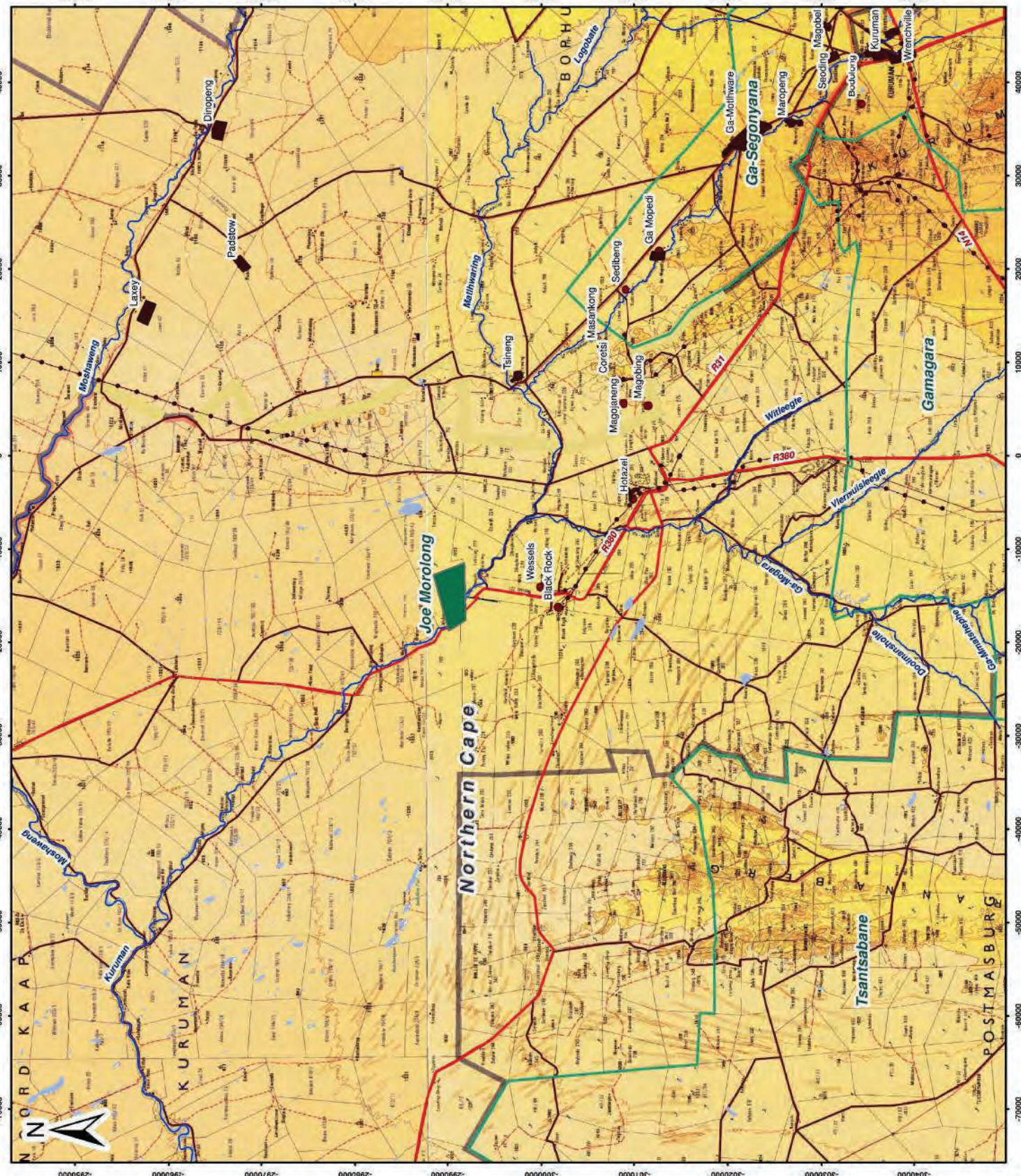
KWHARA MANGANESE (PTY) LTD

**Figure 1**  
**Regional Setting**






SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1595, Craire/Okav, 2060, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

720.11033.00002 2019/09/05



### Legend

-  Main Road
-  River
-  Contours
-  Eersbegint 703/43
-  Farm Boundaries



Scale 1:80 361 @ A3  
 Projection: None  
 Datum: WGS84.

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Figure 2

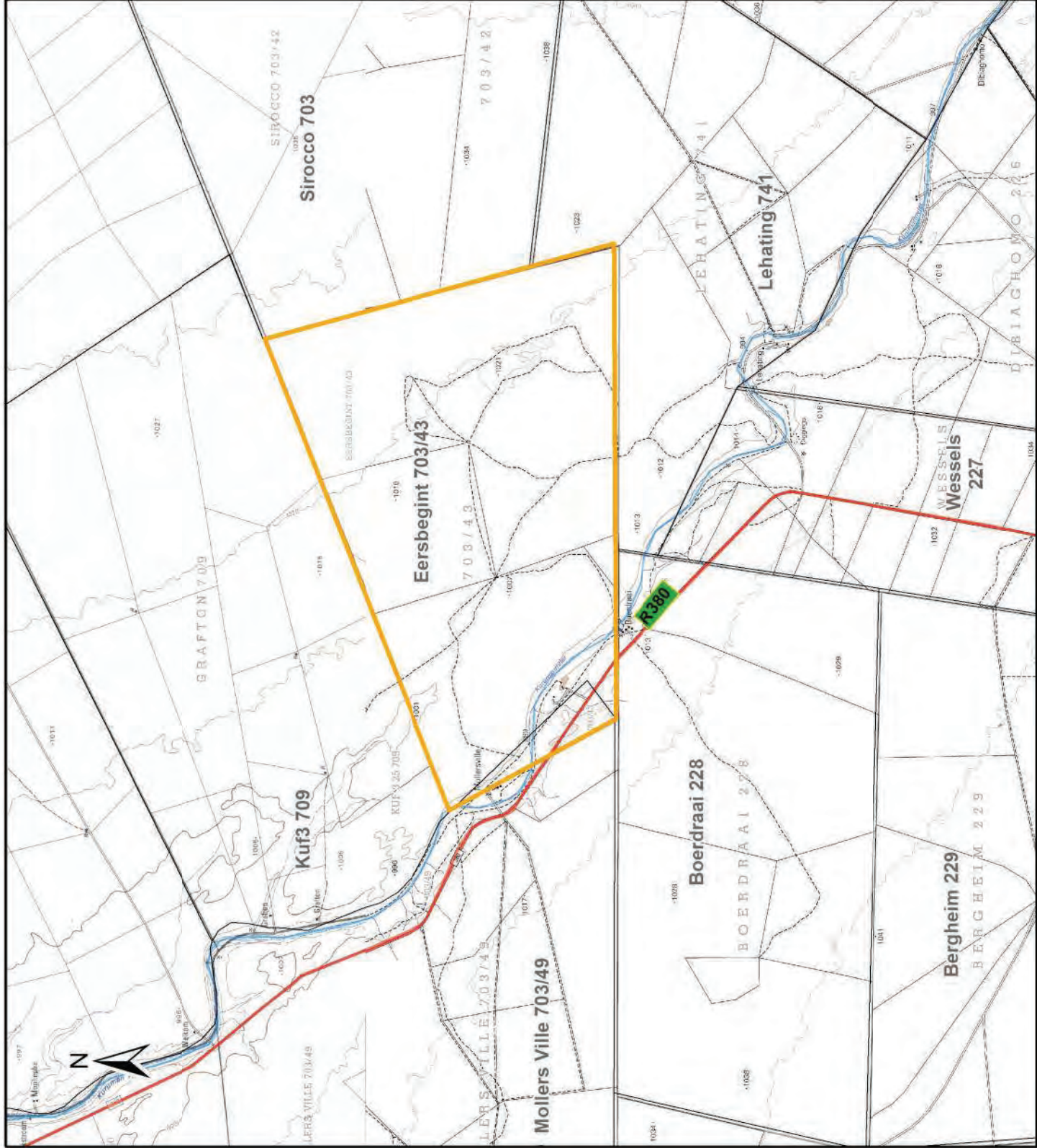
Locality Map



SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1596, Cramerview, 2050, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

720.11033.00002

2019/09/04



## PROJECT OVERVIEW

### OVERVIEW

The project will include invasive and non-invasive activities. Non-invasive activities comprise usage of ground penetrating radar to provide some detail of the geological structures. Once the non-invasive activities have been completed, the location of the prospecting boreholes (invasive activities) can be sited. The following facilities and activities are required at each of the prospecting borehole sites:

- Temporary ablution facilities for contractors;
- The establishment of a temporary access track;
- Plastic lined sumps;
- Temporary storage of hazardous and non-hazardous waste;
- HDPE sheet lined area and dill rig; and
- The demarcation of the prospecting site

At this stage it is envisaged that a total of ten prospecting boreholes will be drilled over a period of two years using diamond core drilling methods.

For each drill site, once drilling is complete, the site will be decommissioned. Decommissioning will cater for the following: capping and sealing of boreholes; removal of any drilling equipment, chemicals, and waste; removal and filling of sumps; and ripping of compacted soils (at drill sites and access tracks) to allow for re-vegetation of the site.

### PROJECT ALTERNATIVES

The locations of the prospecting activities are dictated by the location of the ore body. It follows that no alternatives are being considered as prospecting activities will be limited to the farm Eersbegint 703/43.

### PROJECT MOTIVATION

Unemployment is a challenge in the Joe Morolong Local Municipality. The prospecting activities will extend several direct employment opportunities and will have a positive impact on both indirect businesses and employment. A large percentage of these employment opportunities will benefit the surrounding communities. A portion of the unskilled and semi-skilled labour is likely to be sourced locally.

## STATUS OF ENVIRONMENT

This section provides a basic description of the existing status of the proposed project area.

**Geology:** The proposed project site is located in the Kalahari Basin which is a manganese hotazel iron formation. The Kalahari basin is approximately 56 km long and has a width varying between 5 and 20 km.

**Climate:** The project area falls within the Northern Steppe climatic zone, which is a semi-arid region characterised by erratic rainfall, high evaporation levels, hot summers and cold winters. The annual rainfall is less than 400mm per annum.

**Topography:** The proposed project area is located in a relatively flat area with gentle slopes. The elevation on site varies from 1 009 and 1 013 m above mean sea level (mamsl).

**Soils and land capability and land use:** The proposed project area is comprised of structureless, deep (>1 200 mm), sandy, red and yellow soils of the Hutton and Clovelly forms. Soils at the proposed project site have a low cultivation potential due to the high infiltration rates associated with sandy soils. Due to the fine sandy nature of the soil forms and the low clay content and limited organic matter, the soils are highly erodible, particularly where vegetation is removed. Land uses surrounding the mine include a combination of livestock grazing, game farming, mining and associated and sparsely situated residences. The R380 transverses the south-western section of the proposed project site.

**Plant and animal life (terrestrial):** The proposed project area falls within the Kathu Bushveld and the Southern Kalahari Mekgacha. The Kathu Bushveld is characterised by open savannah with *Vachellia erioloba* (Camel Thorn) and *Boscia albitrunca* (Shepherd's Tree) as the prominent trees. Tall *Vachellia erioloba* trees can form a dominant belt along a river. *Vachellia erioloba* are protected in terms of the National Forests Act of 1998. Very little evidence of wild faunal populations is associated with the proposed project area due to the presence of mining, prospecting and farming activities within and surrounding the proposed project site. Red data bird species that are likely to occur within the proposed project area include the Martial Eagle, Secretary Bird and the African Whitebacked Vulture. Red data mammal species likely to occur include the Honey Badger and the South African Hedgehog.

**Aquatic environment:** The Kuruman River is a National Freshwater Ecosystem Priority Area, Category B river (largely natural with few modifications) and is an important groundwater recharge area. The riparian vegetation community is dominated by *Grewia flava*, *Vachellia karroo*, *Tragus racemosus*, *Schmidtia kalahariensis* and *Eragrostis* sp. and is clearly distinguished from the terrestrial community. Surface water flow was last documented within the Kuruman River in 1974. Only sub surface flow with isolated depressions with surface water has been documented. This is sufficient to support faunal aquatic communities after heavy rainfall events.

**Surface water:** The proposed project is located in quaternary catchment D41M which has a gross total catchment area of 13 780 km<sup>2</sup>. The Kuruman River is located along the south western boundary of the proposed project site. Due to the ephemeral nature of the river there is no third party reliance of surface water resources.

**Groundwater:** The project area is underlain by a shallow unconfined Kalahari Aquifer and the deeper fractured Hotazel Aquifer. The average ground water level at the proposed project site ranges from 9m to 58m below ground level. Groundwater quality is generally poor due to elevated concentrations of chloride, sodium and magnesium. The dominant groundwater flow is in a north-western direction towards the Kuruman River. The majority of boreholes surrounding the proposed project area are used for domestic use and livestock watering purposes.

**Air quality:** The surrounding ambient air quality has been influenced by neighbouring mines, household fuel combustion and vehicle tailpipe emissions.

**Noise:** The greater area is generally defined by rural features and is not subjected to elevated noise levels. Noise levels in the project area are mainly as a result of surrounding farming activities, localised traffic and mining operations.

**Visual:** The proposed project site is located within the flat open plains of the Kalahari. The site is rural in nature however the existing surrounding mining operations located to the south of the proposed project site have already affected the sense of place and natural visual character of the area.

**Heritage/cultural and palaeontological resources:** Heritage resources in the general area include cemeteries and graves, historical farmsteads and structures, and sites dating back to Middle and Later Stone Age concentrated around the riverine edges. The palaeontological sensitivity of the site is low, although there is a possibility of Stromatolites being present in the project area.

**Socio-economic:** The town of Black Rock is located approximately 2.5km south of the proposed project area. The educational levels in the area are relatively low with a high level of unemployment and 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. There has been an increase in the number of households that were provided with electricity as a source of energy in the area. Mining and government services are the main economic sectors.

#### POTENTIAL ENVIRONMENTAL/CULTURAL/SOCIO-ECONOMIC IMPACTS

The following preliminary list of **potential** impacts has been identified. This list is based on SLR's experience with similar prospecting type projects. Due to the small scale and temporary nature of the proposed prospecting activities, it is expected that the impacts associated with the project will be minimal.

Potential impacts include:

- Safety risks posed by infrastructure and excavations
- Soil erosion and/or pollution
- Loss of plant and animal species at the drill sites
- Pollution of surface water resources
- Contamination of groundwater resources
- Generation of dust
- Increase in noise pollution
- Loss of heritage resources (including graves) if present on site
- Loss of land use and capability
- Socio-economic benefits through the extension of existing employment contracts.

The environmental assessment process provides:

- Information on the project and environment in which it is being undertaken
- Identifies, through engagements with I&APs the potential negative as well as positive environmental/cultural/socio-economic impacts
- Reports on management measures required to mitigate impacts and incorporates requirements for monitoring programmes (where required).

The likely process steps and timeframes are provided below.

<b>PHASE I – APPLICATION PHASE (November 2019)</b>
<ul style="list-style-type: none"> <li>• Preparation of the NEMA application; and</li> <li>• Submission of NEMA application to DMR.</li> </ul>
<b>PHASE II – BAR phase (November 2019 - January 2020)</b>
<ul style="list-style-type: none"> <li>• Notify commenting authorities and I&amp;APs of proposed project and environmental assessment process (via newspaper adverts, site notices and the BID);</li> <li>• Compile BAR and summary, distribute to I&amp;APs and commenting authorities for 30 day review (November 2019).</li> <li>• Update the BAR with comments received during the public review period.</li> </ul>
<b>PHASE III – Competent authority review phase (January 2020 – April 2020)</b>
<ul style="list-style-type: none"> <li>• Submit BAR (inclusive of comments raised during the review period) to the DMR for decision making (107 days legislated decision making period).</li> <li>• Circulate DMR decision to I&amp;APs on project database.</li> </ul>

## PARTIES INVOLVED IN THE ENVIRONMENTAL ASSESSMENT PROCESS

### DECISION MAKING AUTHORITIES

- Northern Cape Department of Mineral Resources (DMR)

### IAPs

- Landowners and land users within/ adjacent to the prospecting right area
- Communities within/ adjacent to the Prospecting Right area
- Parastatals

### COMPETENT AND COMMENTING AUTHORITIES

- Northern Cape Department of Environment & Nature Conservation (DENC)
- Northern Cape Department of Water and Sanitation (DWS)
- Northern Cape Department of Rural Development and Land Reform (DRDLR)
- South Africa Heritage Resource Agency (SAHRA) and/or Provincial Heritage Resource Authority (PHRA)
- Northern Cape Department of Agriculture, Forestry and Fisheries (DAFF)
- Northern Cape Department of Roads and Transport

### LOCAL AUTHORITY

- Joe Morolong Local Municipality (incl. ward councillor)
- John Taolo Gaetsewe District Municipality

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

# KHWARA MANGANESE (PTY) LTD

## BACKGROUND INFORMATION DOCUMENT FOR THE PROSPECTING RIGHT APPLICATION IN RESPECT OF THE FARM EERSBEGINT 703/43, KURUMAN RD, NORTHERN CAPE PROVINCE

DATE		TIME		
PARTICULARS OF THE INTERESTED AND AFFECTED PARTY				
NAME				
INTEREST IN THE PROPOSED PROJECT				
POSTAL / STREET ADDRESS				
		POSTAL CODE		
WORK/ DAY TELEPHONE NUMBER		WORK/ DAY FAX NUMBER		
CELL PHONE NUMBER		E-MAIL ADDRESS		
PLEASE REGISTER ME AS AN INTERESTED & AFFECTED PARTY (I&AP) SO THAT I MAY RECEIVE FURTHER INFORMATION AND NOTIFICATIONS DURING THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS			YES	NO
HOW WOULD YOU LIKE TO RECEIVE YOUR NOTIFICATIONS?			E-MAIL	
			REGISTERED MAIL (POST)	
			FAX	

PLEASE WRITE YOUR COMMENTS AND QUESTIONS HERE (please use separate sheets if you wish)

--

PLEASE INCLUDE THE FOLLOWING OF MY COLLEAGUES/FRIENDS/NEIGHBOURS AS I&APS FOR THIS PROJECT:


Please return completed forms to:

Clive Phashe  
SLR Consulting (South Africa) (Pty) Ltd  
(011) 467 0945 (Tel) and/or (011) 467 0978 (Fax)  
cphashe@slrconsulting.com

**THANK YOU FOR YOUR CONTRIBUTION!!!**



## Clive Phashe

---

**From:** Natasha Smyth  
**Sent:** 17 February 2020 01:51 PM  
**To:** Hendrik Venter  
**Subject:** RE: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint  
**Attachments:** IMG\_20191121\_0001.pdf

Hi Hendrik

Thank you. We have updated the project database to reflect the information provided in the attached.





Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

 +27 83 226 8570  
 +27 11 467 0945  
 2029  
 [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
SLR Consulting (Johannesburg office)  
Suite1 - Building D, Monte Circle  
178 Montecasino Boulevard  
Fourways, Johannesburg, Gauteng, 2191



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---

**From:** Hendrik Venter <camel@vodamail.co.za>  
**Sent:** 21 November 2019 12:57 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Re: Notification: Khwara Manganese (Pty) Ltd: Prospecting Right Application - Eerstbegint

Good Day, Mr Phashe - Received your e-mail of 19-11-2019. Thank you.

Please find attached the filled in background document.

Regards. H P Venter (MD SALTRIM RANCHES PTY LTD)

## KHWARA MANGANESE (EDMS.) BPK.

### AGTERGRONDINLIGTINGSDOKUMENT VIR DIE AANSOEK OM 'N PROSPEKTEERREG TEN OPSIGTE VAN DIE PLAAS EERSBEGINT 703/43, AFDELING KURUMAN REGISTRASIE, NOORD-KAAPPROVINSIE

DATUM	21-11-2019 TYD		12h30
BESONDERHEDE VAN DIE BELANGSTELLE EN GEAFFEKTEERDE PARTY			
NAAM	VENTER Hendrik Petrus		
BELANG BY DIE BEOOGDE PROJEK	Eienaar Eersbegint 703/43		
POS-/STRAATADRES	Posbus 8		
	HOTAZEL		
	8490	POSKODE	8490
TELEFOONNOMMER BY DIE WERK/BEDAGS	—	FAKSNOMMER BY DIE WERK/BEDAGS	—
SELFOONNOMMER	082-5077716	E-POSADRES	camel@vodamail.co.za
REGISTREER MY ASSEBLIEF FORMEEL AS 'N BELANGSTELLE EN GEAFFEKTEERDE PARTY (B&GP) SODAT EK VERDERE INLIGTING EN KENNISGEWINGS TYDENS DIE OMGEWINGSIMPAAKEVALUERINGSPROSES KAN ONTVANG.			<input checked="" type="checkbox"/> JA <input type="checkbox"/> NEE
HOE WIL U U KENNISGEWINGS ONTVANG?			<input checked="" type="checkbox"/> E-POS
			<input type="checkbox"/> GEREGISTREERDE POS (PER POS)
			<input type="checkbox"/> FAKS

SKRYF U KOMMENTAAR EN VRAE ASSEBLIEF HIER NEER (gebruik gerus aparte bladsye as u wil)

N.v.t.

SLUIT ASSEBLIEF DIE VOLGENDE VAN MY KOLLEGAS/VRIENDE/BURE IN AS B&GP'S VIR HIERDIE PROJEK:

G.J. Stols - BOERDRAAI

Stuur ingevulde vorms asseblief terug aan:

Clive Phashe  
SLR Consulting (South Africa) (Edms.) Bpk.  
Tel: 011 467 0945 en/of Faks: 011 467 0978  
E-pos: cphashe@slrconsulting.com

**DANKIE VIR U BYDRAE!**

## Clive Phashe

---

**From:** Natasha Smyth  
**Sent:** 17 February 2020 02:04 PM  
**To:** 'Solly Mohanoe'  
**Subject:** RE: Registration

Hi Solly

Thank you for the attached information. Please note that this proposed project relates specifically to prospecting. It follows that there is no formal registration process with Khwara at such time. Further to this, SLR is not responsible for procurement of services. SLR has been appointed by Khwara to manage an environmental authorisation process in support of a prospecting right application process. However, your details will be forwarded to Khwara. In addition to this, you have been included onto the project database as part of the environmental authorisation process.





Kind regards

Natasha



**Natasha Smyth**

Environmental Assessment Practitioner

-  +27 83 226 8570
-  +27 11 467 0945
-  2029
-  [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com)

SLR Consulting (Africa) (Pty) Ltd  
SLR Consulting (Johannesburg office)  
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**From:** Solly Mohanoe <mohanoejnr@gmail.com>  
**Sent:** 12 December 2019 07:39 PM  
**To:** Clive Phashe <cphashe@slrconsulting.com>  
**Subject:** Registration

ATT: Mr. Clive Phashe

Lesol Mining and Lubricants would like to register as one of the prospective supplier with the mine. Kindly assist with the registration process.

NB: Please find our company profile attached to this email, should it be that more information or documents are required don't hesitate to contact us.

With anticipation  
Regards



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

Directorate: Forestry Management (Other Regions)  
P.O. Box 2782, Upington, 8800, Tel 054 338 5909, Fax 054 334 0030

Enquiries: J Mans (Cell 060 973 1660)

E-mail: [JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)

Date: 17 January 2020

Ref: 40.8.14.2/NC/167


SLR Consulting  
P.O. Box 1596  
Cramerview  
2060

Attention: Mr. Clive Phasha ([CPhashe@slrconsulting.com](mailto:CPhashe@slrconsulting.com); [nsmyth@slrconsulting.com](mailto:nsmyth@slrconsulting.com))

**COMMENTS ON FINAL BASIC ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME FOR THE PROPOSED PROSPECTING RIGHT APPLICATION, FARM EERSBEGINT, BLACK ROCK, NORTHERN CAPE PROVINCE (DMR REF: NC 30/5/1/1/2/12467PR)**

## 1. NATIONAL FORESTS ACT, ACT 84 OF 1998 (AS AMENDED)

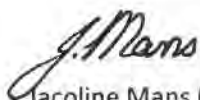
- 1.1 The Directorate: Forestry Management (Other Regions) in the Department of Agriculture, Forestry and Fisheries (DAFF) is responsible for administration of the National Forests Act, Act 84 of 1998 (NFA) and the National Veld and Forest Fires Act, Act 101 of 1998 as amended.
- 1.2 Section 12(1) read with s15(1) of the NFA stated that the Minister may declare a particular tree, group of trees, woodland; or trees belonging to a particular species, to be a protected tree, group of trees, woodland or species. A list of protected tree species was gazetted in GN 635 of 6 December 2019. The effect of the declaration is that no person may (a) cut, disturb, damage or destroy; or (b) possess, collect, remove, transport, export, purchase, sell, donate or in any other manner acquire or dispose of any protected tree, or any forest product derived from a protected tree, except under a license granted by the Minister; or in terms of an exemption published by the Minister in the Gazette.
- 1.3 Any person who contravenes the prohibition on the cutting, disturbance, damage or destruction of protected trees referred to in section 15(1)(a); or the possession, collection, removal, transport, export, purchase or sale of any forest product derived from a protected tree referred to in section 15(1)(b), is guilty of a first category offence and may be sentenced to a fine or imprisonment for a period of up to three years, or to both. See Section 58(1) of the NFA read with s62 and s63.

 Page 1 of 2

## 2. COMMENTS ON FINAL BASIC ASSESSMENT REPORT

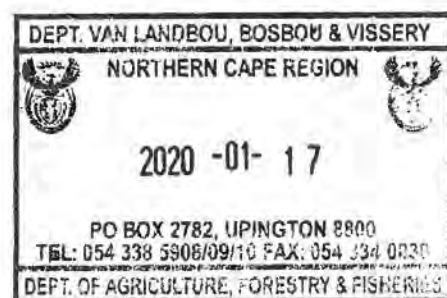
- 2.1 The proposed invasive prospecting activities consisting of ten exploration boreholes may impact on protected tree species such as *Vachellia erioloba* and *Vachellia haematoxylon*, known to occur in the vicinity of the study site. Number 4.1 of the report, table 5 refers to the applicable legislation. The NFA and Northern Cape Nature Conservation Act, Act 9 of 2009 (NCNCA) was not mentioned. Both Acts may be applicable, due to the potential impacts on protected trees and plants known to occur in the region.
- 2.2 A Flora Permit may be required under the NCNCA for removal of common indigenous, provincially protected and specially protected plant species, such as *Harpagophytum procumbens*, which was mentioned in the report. In addition, a Fauna Permit may be required for felling of trees with active bird nests.
- 2.3 The study site is adjacent to the Kuruman River. The area is of the Highest Biodiversity Importance according to the Mining and Biodiversity Guidelines. Biodiversity sensitivity information was sourced from previous EIA's (for the adjacent still to be constructed Khwara Mine) and has not been ground-truthed with specialist input. The south-western portion of the site falls in a Critical Biodiversity Area 1 (CBA 1), with the rest in an Ecological Support Area (ESA) and Other Natural Areas. Kindly note that developments in CBA 1 and CBA 2 may require an offset investigation report as part of the Forest Act License and Flora Permit application processes, should prospecting proceed to full-scale mining in future.
- 2.4 The developer must try to avoid impacts on protected trees, especially for placement of temporary infrastructure. Where it is not possible to avoid protected trees, a Forest Act License and/or Flora Permit must be applied for and obtained prior to destroying or damaging any protected species.

Kind Regards,



Jacoline Mans (Chief Forester: Regulations)

DATE: 17/01/2020



**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: nhiggitt@sahra.org.za  
CaseID: 14610

Date: Tuesday January 07, 2020  
Page No: 1

## **Interim Comment**

**In terms of Section 38(3), 38(8) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: Khwara Manganese (Pty) Ltd

**Khwara Manganese (Pty) Ltd (“Khwara”) proposes to conduct prospecting activities for Iron Ore and Manganese in respect of the Farm Eerstbegint 703/43 near Black Rock in the Joe Morolong Local Municipality, located in the John Taolo Gaetsewe District Municipality, Northern Cape Province. The prospecting activities will include non-invasive and invasive activities. Non-invasive activities will comprise analysing existing core, ground penetrating radar and hand held ground magnetic mapping. Invasive activities would comprise drilling of ten exploration boreholes. The property is 27km North West of Hotazel.**

SLR Consulting has been appointed by Khwara Manganese (Pty) Ltd to conduct an Environmental Authorisation Application for proposed prospecting activities on portion 43 of the farm Eersbegint 703, near Hotazel, Northern Cape Province (NC30/5/1/1/2/12467PR).

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2014 EIA Regulations for activities that trigger the Mineral and Petroleum Resources Development Act, 2002 (MPRDA)(As amended). The proposed prospecting right application area will cover approximately one hectare and will include activities such as ground clearance for access tracks, percussion and diamond core drilling (10 boreholes in total), storage of waste, temporary ablution facilities.

Professor Marion Bamford and APelser Archaeological Consulting were appointed to provide heritage input into the BAR process as per section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA) as required by section 24(4)b(iii) of NEMA.

*Bamford, M. 2019. Palaeontological Impact Assessment for the proposed Prospecting Rights application by Khwara Manganese (Pty) Ltd on farm Eersbegint 703, northeast of Hotazel, Northern Cape Province.*

The proposed prospecting area is underlain by the non-fossiliferous Hotazel Formation manganese and banded iron stone deposits. These rocks are overlain by aeolian Quaternary aged Kalahari Group that are unlikely to preserve fossil material, and Dwyka tillites and shales that do not preserve fossils. A Fossil Chance

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Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: nhiggitt@sahra.org.za  
CaseID: 14610

Date: Tuesday January 07, 2020  
Page No: 2

Finds Procedure is recommended to be followed and is provide in the report.

*Pelser, A. 2019. Phase 1 HIA Report for proposed prospecting on the farm Eersbegint 703 near Hotazel in the Joe Morolong Local Municipality, Northern Cape Province.*

It must be noted that the proposed prospecting area was not subjected to an intense survey, however it is likely that similar Stone Age heritage resources as found on the neighbouring farm (Boerdraai 228) will be present on Eersbegint 703. This will be especially true for the section of the Kuruman Riverbed that is located in the south-western section of the study area.

Recommendations provided in the report include the following:

- The dry Kuruman Riverbed area located in the south-western corner of the study area be avoided at all costs if possible, by any prospecting and future mining activities. This will include the outcrops of river gravels and banks of calcretes deposits;
- The exact positions of the 10 prospecting boreholes, once determined, be assessed before prospecting starts for the presence of archaeological deposits and sites. Once this has been done the cumulative impacts of the proposed prospecting can then be determined and Phase 2 mitigating measures be proposed for implementation;
- Once full-scale mining commences that the footprint of the mine layout and areas of mining and related activities be assessed in detail;
- It is understood that the orebody is anticipated to be towards the south western section of the farm Eersbegint 703 near the Kuruman River. The exact locations of the ten (10) prospecting boreholes need to be provided so that these positions can be assessed in detail to determine their potential impacts on any possible sites;
- In the event that the any one of the six Stone Age sites cannot be avoided, a permit for the removal and/or destruction of these sites needs to be obtained from SAHRA. Linked to this is the completion of a Phase 2 HIA that needs to be undertaken by a qualified archaeologist;
- In the event of a chance find, a qualified archaeologist needs to be contacted.

### **Interim Comment**

The SAHRA Archaeological, Palaeontological and Meteorites (APM) Unit requests that a track-log of the survey conducted as part of the HIA be submitted in a revised report.



**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
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Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 14610

Date: Tuesday January 07, 2020  
Page No: 3

Further comments will be issued upon receipt of the revised report.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

---

Phillip Hine  
Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/531472>  
(, Ref: DMR: NC30/5/1/1/2/12467PR)