

**APPENDIX 5 (A) INITIAL SCOPING PHASE CONSULTATION**

Landowner notifications and consent letter



Date: 8 March 2013  
Our Ref: S0707/ppp/not

**Attention: Mr More Matsididi**  
Maremane Communal Property Association  
P O Box 756  
Postmasburg  
8420

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
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**Attention: The Landowner**

**ARCELORMITTAL SOUTH AFRICA (AMSA)  
COZA IRON ORE PROJECT, TSANTSABANE LOCAL MUNICIPALITY**

**LANDOWNER NOTIFICATION**

IN ACCORDANCE WITH SECTION 15 (1) OF EIA REGULATION 543 (18 JUNE 2010)

**1. INTRODUCTION AND PURPOSE**

ArcelorMittal South Africa (AMSA) is planning to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The project is a green fields project that will involve mining from two separate pits located on the farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1) (see Figure 1, Appendix B).

AMSA intends to apply for a mining right for the project. This application will be submitted in terms of Section 22 of the Minerals and Petroleum Resources Development Act (No 28 of 2002) to the Northern Cape Department of Mineral Resources.

Applications will also be made for environmental authorisations and licences under the following legislation:

- National Environmental Management Act (No. 107 of 1998) for activities listed under the Environmental Impact Assessment (EIA) Regulations.
- National Environmental Management: Waste Act (No. 59 of 2008) for activities listed under Schedule 1 (Section 19) of Regulation 718 (3 July 2003).

- National Environmental Management: Air Quality Act (No. 39 of 2004) for activities listed under the Government Notice 248 of 31 March 2010.
- National Water Act (No. 36 of 1998) for various water uses.

The details of the applications that will be made under the above legislation are attached as Appendix A to this notice.

In accordance with Section 15 (1) of the Environmental Impact Assessment (EIA) Regulation 543 (18 June 2010), written notice is hereby given that AMSA intends to apply for activities listed in terms of the EIA Regulations on Farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1 (Refer to Appendix A for application details).

Opencast mining will be undertaken by means of truck and shovel and it is anticipated that the pits will reach an average depth of 80 m below surface. At full development the COZA Iron Ore Project is expected to produce 2 million tonnes of ore per annum with an estimated life of mine for 10 years.

The following preliminary information is available on the surface area to be disturbed due to mining activities:

- Total area of interest on the Farm Doornpan is 1148 ha. The total area to be disturbed by the project is estimated to be ~25 ha (5.6 ha will be the pit, 5.6 ha for the waste rock dump, 2.6 ha for the ROM stockpile and the balance for access roads and support infrastructure).
- Total area of interest on Farm Driehoekspan is 1983 ha with ~80 ha estimated to be disturbed (26.5 ha will be for the pit, 26.5 ha for the waste rock dump, 13 ha for the ROM stockpile and the balance for access roads and support infrastructure).
- Initially it is planned that the ore produced will be transported by truck to existing surrounding mines for processing and onward transport.

As part of the project, it is also proposed to develop an on-site sewerage treatment plant as well as waste storage facilities which will require a waste management licence in terms of the NEM:WA. In addition, a fuel storage facility will be constructed, requiring an air emissions licence in terms of the NEM:AQA.

## **2. ACKNOWLEDGEMENT OF RECEIPT OF NOTICE**

We kindly request that you acknowledge receipt of this notification by signing the form attached at the end of this notification. Acknowledgement of receipt of this notification does in no way give consent for any activities to take place on properties under your ownership or control, but simply serves as proof of notification of the proposed activities in terms of the environmental impact assessment process.

A copy of this letter and proof of receipt will be attached to the project registration form that needs to be submitted to the Northern Cape Department of Environment and Nature Conservation (DENC) in order for the environmental impact assessment process to formally commence.

### 3. PUBLIC PARTICIPATION PROCESS

Synergistics Environmental Services (Pty) Ltd will conduct a public participation process, as part of the Environmental Impact Assessment (EIA). An affected party will be automatically registered on the interested and affected party database and will receive correspondence circulated as part of the public participation process.

You are invited to participate in this process by submitting your questions, issues or concerns to:

Rudi De Jager  
Synergistics Environmental Services (Pty) Ltd  
Tel: 011 326 4158  
Fax: 011 326 4118  
Email: rudi@synergistics.co.za  
PO Box 68221, Bryanston, 2021

Yours sincerely



**Rudi de Jager**  
Environmental Scientist  
Synergistics Environmental Services (Pty) Ltd

## APPENDIX A

### APPLICATION DETAILS

#### NATIONAL ENVIRONMENTAL MANAGEMENT ACT

Application will be made for the authorisation of certain activities listed under Listing Notices 1 and 2, published in the EIA Regulations 544, 545 and 546 (18 June 2010). These notices list activities that may not commence without an environmental authorisation. Activities that will be applied for under the EIA regulations are given Table 1.

Please be advised that not all details in the project plans have been finalised and may be subject to change. All interested and affected parties will be notified of any changes to project plans should they occur.

**Table 1: Activities to be applied for under Listing Notice 1 and 2 of the EIA Regulations.**

Number and date of the relevant notice:	Activity No (s) (in terms of the relevant or notice) :	Description of each listed activity:
GNR 544, 18 June 2010	1	<p>The construction of facilities or infrastructure for the <u>generation of electricity</u> where:</p> <ul style="list-style-type: none"> <li>i. the electricity output is more than <u>10 megawatts</u> but less than 20 megawatts; or</li> <li>ii. the output is 10 megawatts or less but the total extent of the facility covers an <u>area in excess of 1 hectare</u>.</li> </ul> <p>The use of backup generators in the case of power failures.</p> <p>Contractors' generator.</p> <p>No electricity will be generated for external consumption.</p>
GNR 544, 18 June 2010	9	<p>The construction of facilities or infrastructure exceeding 1 000 meters in length for the <u>transportation of water, sewage or storm water</u> –</p> <ul style="list-style-type: none"> <li>(i) with an internal diameter of 0.36 meters or more; or</li> <li>(ii) with a peak throughput of 120 litres per second or more, excluding where: <ul style="list-style-type: none"> <li>a. such facilities or infrastructure are for bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve; or</li> <li>b. where such construction will occur within urban areas but further than 32 meters from a watercourse, measured from the edge of the watercourse.</li> </ul> </li> </ul> <p>The project will involve the construction of pipelines for the bulk transportation of water which may exceed 1000 m in length and 0.36 m in diameter.</p>
GNR 544, 18 June 2010	10	<p>The construction of facilities or infrastructure for the <u>transmission and distribution of electricity</u> –</p> <ul style="list-style-type: none"> <li>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or</li> <li>(ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more.</li> </ul> <p>The project may involve the construction of a power line with a capacity of more than 33 kV.</p>
GNR 544, 18 June 2010	11	<p>The construction of:</p> <ul style="list-style-type: none"> <li>(i) canals;</li> <li>(ii) channels;</li> <li>(iii) <u>bridges</u>;</li> <li>(iv) dams;</li> <li>(v) weirs;</li> </ul>

		<p>(vi) bulk storm water outlet structures;</p> <p>(vii) marinas;</p> <p>(viii) jetties exceeding 50 square meters in size;</p> <p>(ix) slipways exceeding 50 square meters in size;</p> <p>(x) buildings exceeding 50 square meters in size; or</p> <p>(xi) <u>infrastructure or structures covering 50 square meters or more</u> where such construction occurs <u>within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse</u>, excluding where such construction will occur behind the development setback line.</p> <p>The project will involve the construction of infrastructure, e.g. culverts and bridges, which may cover more than 50 m<sup>2</sup> within 32 meters of a watercourse.</p>
GNR 544, 18 June 2010	12	<p>The construction of facilities or infrastructure for the <u>off-stream storage of water</u>, including dams and reservoirs, <u>with a combined capacity of 50 000 cubic metres or more</u>, unless such storage falls within the ambit of activity 19 of Notice 545 of 2010;</p> <p>The project will involve the construction of pollution control dam/s or attenuation dams which may exceed a combined capacity of 50000 m<sup>3</sup>.</p> <p>Also refer to GNR 545 List 2 Activity number 19.</p>
GNR 544, 18 June 2010	13	<p>The construction of facilities or infrastructure for the <u>storage, or for the storage and handling, of a dangerous good</u>, where such storage occurs in containers with a <u>combined capacity of 80 but not exceeding 500 cubic metres (80000 to 500000 litres)</u>;</p> <p>Construction of a fuel storage facility with a capacity to store in excess of 80 m<sup>3</sup> of diesel. Dependent on contractor requirements and arrangements during construction phase.</p> <p>Refer to GNR 545 List 2 Activity number 4.</p>
GNR 544, 18 June 2010	18	<p>The <u>infilling or depositing of any material of more than 5 cubic meters into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock (of more than 5 cubic meters) from:</u></p> <p>(i) a <u>watercourse</u>;</p> <p>(ii) the sea;</p> <p>(iii) the seashore;</p> <p>(iv) the littoral active zone, an estuary or a distance of 100 meters inland of the high-water mark of the sea or an estuary, whichever distance is the greater- but excluding where such infilling, depositing, dredging, excavation, removal or moving</p> <p>(a) is for maintenance purposes undertaken in accordance with a management plan agreed to by the relevant environmental authority; or occurs behind the development setback line.</p> <p>The mining activities and the construction of infrastructure will cross watercourses, requiring earthworks (excavation/fill) of more than 5 m<sup>3</sup>.</p>
GNR 544, 18 June 2010	22	<p>The construction of a <u>road, outside urban areas</u>,</p> <p>i. with a <u>reserve wider than 13.5 meters</u> or,</p> <p>ii. where no reserve exists where the road is <u>wider than 8 metres</u>, or</p> <p>iii. for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Notice 545 of 2010.</p> <p>New haul roads and other roads will be required, e.g. service roads for construction of linear infrastructure. Some of the roads will be wider than 8 m.</p>

GNR 544, 18 June 2010	23	<p>The transformation of undeveloped, vacant or derelict land to –</p> <ul style="list-style-type: none"> <li>i. residential, retail, commercial, recreational, industrial or institutional use, inside an urban area, and where the total area to be transformed is 5 hectares or more, but less than 20 hectares, or</li> <li>ii. residential, retail, commercial, recreational, industrial or institutional use, outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares; -</li> </ul> <p>except where such transformation takes place –</p> <ul style="list-style-type: none"> <li>i. for linear activities; or</li> <li>ii. for purposes of agriculture or afforestation, in which case Activity 16 of Notice No. R. 545 applies.</li> </ul> <p>The project will involve the transformation of approximately 105 ha of undeveloped land to industrial use.</p>
GNR 544, 18 June 2010	41	<p>The expansion of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, where the combined capacity will be increased by 50000 cubic metres or more.</p> <p>The project may involve the raising of existing dam walls</p>
GNR 544, 18 June 2010	47	<p>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre –</p> <ul style="list-style-type: none"> <li>i. where the existing reserve is wider than 13,5 meters; or</li> <li>ii. where no reserve exists, where the existing road is wider than 8 metres –</li> </ul> <p>excluding widening or lengthening occurring inside urban areas.</p> <p>The main access roads to the properties where development will take place may be widened to accommodate the movement of heavy machinery on site.</p>
GNR 545, 18 June 2010	3	<p>The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of more than 500 cubic metres.”.</p> <p>Construction of a fuel storage facility with a capacity to store in excess of 500 m<sup>3</sup> of diesel. Dependent on contractor requirements and arrangements during construction phase.</p>
GNR 545, 18 June 2010	5	<p>The construction of facilities or infrastructure for any process or activity which requires a permit or license in terms of national or provincial legislation governing the generation or release of emissions, pollution or effluent and which is not identified in Notice No. 544 of 2010 or included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case that Act will apply.</p> <p>The construction of a permanent fixed fuel storage facility which stores in excess of 500m<sup>3</sup> requires an atmospheric emissions license i.t.o. NEMAQA. In addition, the storage of water containing waste, i.e. pumped from the pits, requires a water use license i.t.o the NWA which governs the release of waste</p>



GNR 545, 18 June 2010	10	<p>The construction of facilities or infrastructure for the transfer of 50 000 cubic metres or more water per day, from and to or between any combination of the following:</p> <ul style="list-style-type: none"> <li>i. water catchments,</li> <li>ii. water treatment works; or</li> <li>iii. impoundments,</li> </ul> <p>excluding treatment works where water is to be treated for drinking purposes.</p> <p><b>Large storm water canals can potentially transfer up to 50 000 m<sup>3</sup> of water a day between impoundments/attenuation dams on site during peak flows.</b></p>
GNR 545, 18 June 2010	15	<p>Physical alteration of undeveloped, vacant or derelict land for residential, retail, commercial, recreational, industrial or institutional use where the total area to be transformed is 20 hectares or more;</p> <p>except where such physical alteration takes place for:</p> <ul style="list-style-type: none"> <li>i. linear development activities; or</li> <li>ii. agriculture or afforestation where activity 16 in this Schedule will apply.</li> </ul> <p><b>The project will involve the transformation of approximately 105 ha of undeveloped land to industrial use.</b></p>
GNR 545, 18 June 2010	19	<p>The construction of a dam, where the highest part of the dam wall, as measured from the outside toe of the wall to the highest part of the wall, is 5 metres or higher or where the high-water mark of the dam covers an area of 10 hectares or more.</p> <p><b>The project may involve the construction of pollution control dam/s or attenuation dams with dam walls exceeding 5 m in height .</b></p>
GNR 545, 18 June 2010	26	<p>Commencing of an activity, which requires an atmospheric emission license in terms of section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004), except where such commencement requires basic assessment in terms of Notice of No. R544 of 2010.</p> <p><b>The construction of a permanent fixed fuel storage facility which stores in excess of 500m<sup>3</sup> requires an atmospheric emissions license i.t.o. NEMAQA.</b></p>
GNR 546, 18 June 2010	14	<p>The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <ul style="list-style-type: none"> <li>(1) purposes of agriculture or afforestation, inside areas identified in spatial instruments adopted by the competent authority for agriculture or afforestation purposes;</li> <li>(2) the undertaking of a process or activity included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be exclude from this list;</li> <li>(3) the undertaking of a linear activity falling below the <ul style="list-style-type: none"> <li>(1) thresholds in Notice 544 of 2010.</li> </ul> </li> </ul> <p><b>The proposed development is a green fields development which will result in the clearance of approximately 105 ha. It is likely that the vegetative cover is largely indigenous.</b></p>

## **NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT**

Waste management activities that will be applied for include those listed under Schedule 1(19) Regulation 718 (3 July 2003), namely:

Category A (1): The storage, including the temporary storage, of general waste at a facility that has the capacity to store in excess of 100m<sup>3</sup> of general waste at any one time, excluding the storage of waste in lagoons.

**The project will require the on-site storage of general waste, including domestic generated on site and waste originating from construction activities.**

Category A (2): The storage, including the temporary storage, of hazardous waste at a facility that has the capacity to store in excess of 35m<sup>3</sup> of hazardous waste at any one time, excluding the storage of hazardous waste in lagoons.

**The project will require the on-site storage of hazardous wastes such as oils and sludge originating from the sewage treatment site.**

Category A (4): The storage of waste tyres in a storage area exceeding 500m<sup>2</sup>.

Category A (11): The treatment of effluent, wastewater or sewage with an annual throughput capacity of more than 2000 cubic metres but less than 15 000 cubic metres.

**The project will involve the construction of an on-site sewage treatment plant.**

Category A (14): "The disposal of inert waste in excess of 25 tonnes and with a total capacity of 25 000 tonnes, excluding the disposal of such waste for the purposes of levelling and building which has been authorised under other legislation."

**The project will require the disposal of inert building rubble originating from the demolition of buildings on site and this material will be disposed of within the mined out pit.**

## **NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT**

An application will be made for an air emissions licence in terms of the National Environmental Management: Air Quality Act (No. 39 of 2004) for the following activity listed under the Government Notice 248 of 31 March 2010.

Category 2, Subcategory 2.2: Storage and handling of petroleum products.

**The project will involve the construction of permanent fixed storage tanks for the storage of more than 500m<sup>3</sup> of diesel.**

## **NATIONAL WATER ACT**

An application will be made for the licensing of the following water uses under Section 21 of the National Water Act.

21(a): Taking of water from a water resource

**The use of water for mining purposes.**

21(b): Storing of water

**The construction of attenuation dams and pollution control dams as part of the water management infrastructure.**

21(c): Impeding or diverting the flow of water in a watercourse

**Mining and construction of infrastructure that require the destruction or alteration of a wetland or watercourse.**

21(g): Disposing of waste in a manner that may detrimentally impact on a water resource

**Disposal of overburden dumps in mining area, as well as the storage of impacted mine water within dams.**

21(i): Altering the beds, banks, course or characteristics of a watercourse.

**Mining and construction of infrastructure that requires the destruction or alteration of a wetland or watercourse.**

21(j) The removing, discharging or disposing of water found underground if it is necessary for the efficient continuation of an activity or for the safety of people.

**Groundwater as well as water generated and accumulating in the pits will be abstracted on a continuous basis to ensure the safety of the mining operation and people.**

APPENDIX B  
PROJECT LOCALITY AND LAYOUT PLAN



Figure 1: Locality Map

Date: February 2012  
Our Ref: S0707  
Attention: The Landowner



Johannesburg: Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4116  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor  
KwaZulu Natal: Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201  
Namibia: Tel: +264 (0)84 408 587  
Fax: +264 (0)88 647 301  
PO Box 4821, Swakopmund, Namibia

### Acknowledgement of receipt of Notice

I MORE MATHIATA owner or part owner of MAROMANE (DRIEHOEKSPAN & DOORSPAN)  
Print Name Property Name  
hereby acknowledge receipt of a notice in terms of Section 15(1) of EIA Regulation 543 (18 June 2010) of  
ArcelorMittal South Africa's intent to develop the COZA Iron Ore Mine on the farms Driehoekspan 435  
(Remaining Extent) and Doornpan 445 (Portion 1) in Tsantsabane Local Municipality, Northern Cape  
Province

  
\_\_\_\_\_  
Signature

08/03/2013  
\_\_\_\_\_  
Date

## Background Information Document

**KENNISGEWING VAN  
OMGEWINGSIMPAKSTUDIE VIR DIE COZA-  
YSTERERTSPROJEK**

**APRIL 2013**

Hierdie Agtergrondinligtingsdokument (AID) voorsien belangstellendes en partye wat geraak word (BPG's) van inligting oor die COZA-ysterertsprojek en nooi hulle om aan 'n openbare konsultasieproses vir die projek deel te neem. U word hiermee genooi om:

1. Te registreer as 'n BPG vir die COZA-ysterertsprojek;
2. Kwellinge te opper en vrae te stel oor die Projek; en
3. die Openbare Konsultasievergadering vir die Projek by te woon.

Stuur asseblief u aanvanklike kommentare en vrae teen 31 Mei 2013 aan ons. Daar sal in die toekoms verdere geleentheid wees vir u om deel te neem en kommentaar te lewer.

**As u wil registreer of enige probleme of omgewingskwellinge het, voltooi asseblief die registrasie-/kommentaarblad (laaste bladsy van hierdie dokument) en gee dit aan Synergistics (Zama Khumalo) terug:**

COZA-ysterertsprojek  
Synergistics Environmental Services (Pty) Ltd  
Tel: 011 326-4158  
Faks: 011 326-4118  
Pos: Posbus 68821, Bryanston, 2021  
E-pos: [zama@synergistics.co.za](mailto:zama@synergistics.co.za)

**U word ook genooi om 'n inligtingsdelingvergadering vir die projek by te woon. Besonderhede van die vergadering is soos volg:**

Plek: Stadsaal, Postmasburg  
Datum: 23 Mei 2013  
Tyd: 10:00 – 13:00  
RSVP asseblief teen 17 Mei 2013

*(u is welkom 'n boodskap te laat en ons sal u met graagte terugskakel)*



## Agtergrondinligting- dokument

Omgewingsimpakstudie vir die COZA-  
ysterertsprojek

**Mei 2013**

ArcelorMittal South Africa (Edms) Bpk (AMSA) beplan om 'n nuwe ystererts oopgroefmyn, die COZA-ysterertsmyn, in die Tsantsabane Plaaslike Munisipaliteit van die Provinsie Noord-Kaap te ontwikkel. Die projek is 'n nuwe projek wat sal bestaan uit mynbou uit twee afsonderlike groewe geleë op die plase Driehoekspan 435 (resterende gedeelte) en Doornpan 445 (gedeelte 1). Daar is 'n aantal omgewingstoestemmings wat nodig is vir die voorgename ontwikkeling.

AMSA het Synergistics Environmental Services (Edms) Bpk (Synergistics) as die onafhanklike Omgewingstudiepraktisyn aangestel om te help met die aansoeke wat vereis word onder Suid-Afrikaanse omgewingswetgewing en om die Omgewingsimpakstudie- (OIS) proses te onderneem.

### DOEL VAN DOKUMENT

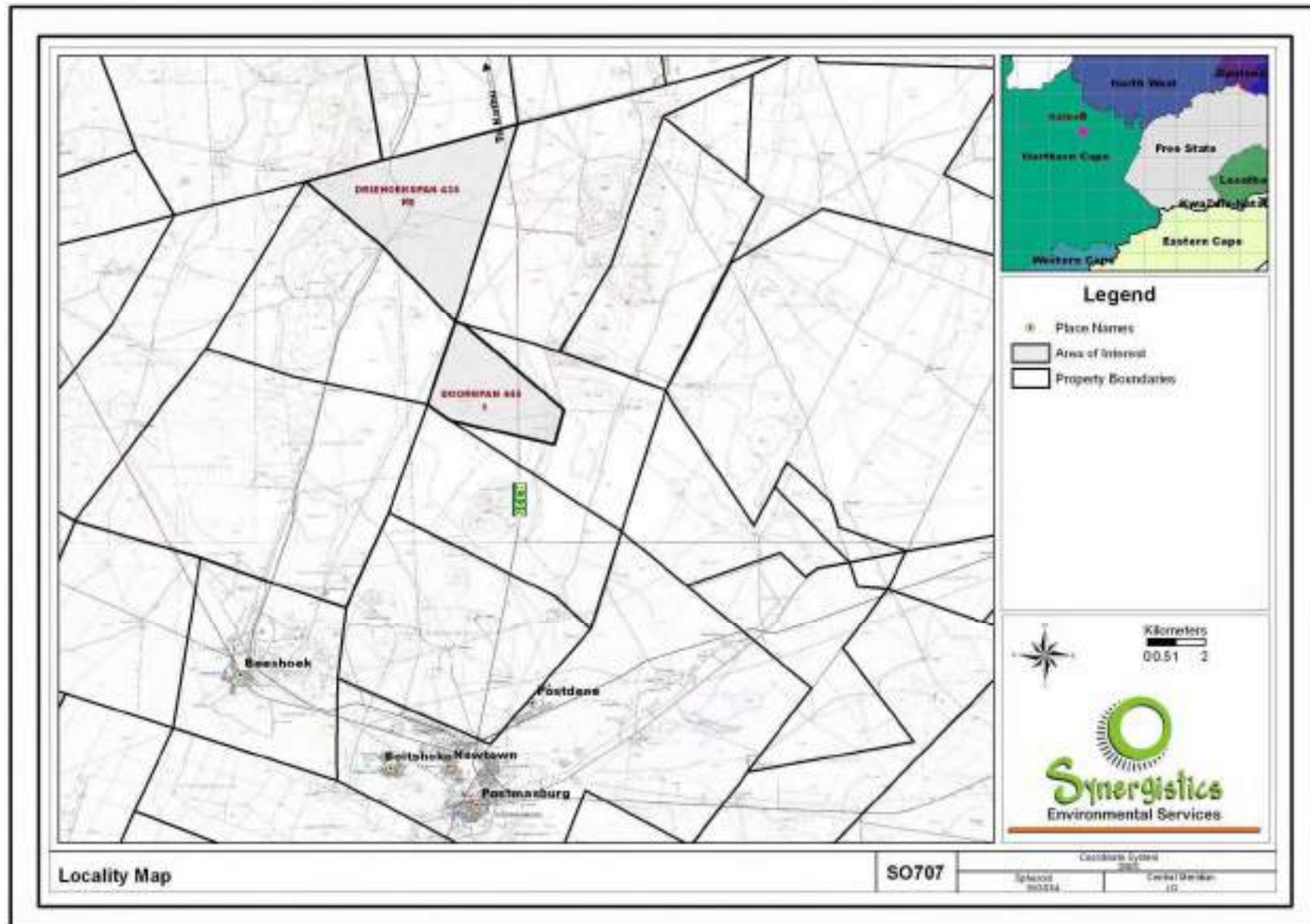
Hierdie Agtergrondinligtingsdokument (AID) voorsien aanvanklike inligting aan belangstellendes en persone wat geraak word (BPG's) oor die omgewingsaansoeke en Omgewingsimpakstudie wat onderneem word vir die voorgestelde COZA-ysterertsprojek.

Hierdie dokument vorm die eerste deel van die openbare konsultasieproses, wat vereis word as deel van die OIS-proses en beoog om kommentaar, vrae en reaksies aangaande die voorgestelde projek uit te lok. Aanvanklike kwessies wat geopper word sal oorweeg word wanneer die studies wat onderneem sal word as deel van die OIS-proses beplan word.



## LIGGING VAN PROJEK

Die COZA-ysterertsprojek sal geleë wees ongeveer 10 km NNW van Postmasburg op die plase Driehoekspan 435 (resterende gedeelte) en Doornpan 445 (gedeelte 1) soos aangedui word op die meegaande kaart.



## BESKRYWING VAN PROJEK

### Mynmetode

Die voorgestelde COZA-ysterertsprojek sal bestaan uit oopgroefmynbou uit twee afsonderlike groewe op die plase Doornpan en Driehoekspan. Twee afsonderlike mynbouregansoeke sal vir die twee mynbouareas ingedien word. Mynbou sal deur middel van vragmotor en graaf onderneem word. Bogrond sal verwyder en opgehoop word en die deklaag sal naby die groewe op afvalrotshope binne die infrastruktuurgebied geplaas word. Teen volle ontwikkeling sal die COZA-ysterertsprojek na verwagting ongeveer 500 000 ton erts per jaar lewer met 'n geskatte mynleefyd van ongeveer 10 jaar.

### Mynplan

Mynbou-aktiwiteite sal gelyktydig uit die twee groewe onderneem word. Daar word geskat dat die groewe 'n gemiddelde diepte van tussen 80 en 100 m onder die oppervlak sal bereik. Die volgende voorlopige inligting is beskikbaar oor die oppervlakgebied wat deur die mynbou-aktiwiteite versteur sal word:

- Totale oppervlak van die plaas Doornpan is 2 837 ha. Die totale oppervlak wat deur die projek versteur sal word, word geskat op ~25 ha. Steurings sal die groef, afvalrotshoop, ruerts- (RE) voorraad, vergruising- en siftingsfasiliteite, toegangspaaie en ondersteunende infrastruktuur insluit.
- Totale oppervlak van die plaas Driehoekspan is 1 983 ha, waarvan ~80 ha geraak sal word deur soortgelyke steurings as beskryf vir die plaas Doornpan.

### Verwerking

Ertsverwerkingmetodes sal vergruising, sifting en vermenging insluit. Hierdie verwerkingsaktiwiteite sal plaasvind by die RE-voorraad langs die groef. Geen verdere proses of uitskot sal by die myn ontwikkel word nie.

### Vervoer

Erts sal per vragmotor van die myn af vervoer word deur gebruik te maak van bestaande toegangspaaie wat by die R325 aansluit. Van die R325 sal erts per vragmotor na bestaande myne vervoer word vir verdere verwerking. Daar is 'n aantal alternatiewe verwerkingaanlegte binne 30 km van die voorgestelde myn.

Later in die projek sal die gemynde erts moontlik na 'n ander plaaslike AMSA-projek (nie deel van hierdie studie nie) vervoer word wat waarskynlik die ontwikkeling van 'n verwerkings- en veredelingsaanleg sal insluit.

### Vereistes van ondersteunende infrastruktuur

Daar word verwag dat minimale ondersteunende infrastruktuur by die twee myngroewe ontwikkel sal word. Die infrastruktuur wat ontwikkel sal word sluit toegangspaaie met ingangsbeheer in, mynheinings, waterbestuurinfrastruktuur (besoedelings- en watervoorsieningsdamme), kragtoevoer, 'n klein kantoor, kleedkamer, werksinkels met eerstehulpkamer, verpakkeriobehandeling, tydelike afvalbergingsfasiliteite en gebiede vir die berging van plofstof en brandstof.

Gedurende die konstruksiefase sal werkers by die tydelike konstruksiedorp op die terrein gehuisves word. Wanneer mynboubedryghede begin, sal personeel in omliggende dorpe gehuisves word.

Krag vir die myn sal gelewer word deur dieselkragopwekkers gedurende die konstruksiefase, en later sal 'n kragtoevoerlyn gebou word om met 'n bestaande Eskomlyn te skakel.

## OMGEWINGS-REGSVEREISTES

Die COZA-ysterertsprojek sal verskeie omgewingsgoedkeurings nodig hê voor konstruksie- of operasionele bedrywighede kan begin. Hieronder volg 'n lys van toepaslike wetgewing en aansoeke vir die projek.

### **Wet op die Ontwikkeling van Minerale en Petroleum-hulpbronne (Wet No 28 van 2008) (MPRDA)**

Twee mynbouregaansoeke sal ingedien word by die Noord-Kaapse Departement van Minerale Hulpbronne vir die myn van ystererts op die plase Driehoekspan en Doornpan. 'n OIS-proses sal onderneem word om die algehele impak van mynbou op die omgewing te bepaal. 'n Omgewingsbestuurprogram (EMPR) sal ontwikkel word om die impak te bestuur. Die EMPR, wat deur die DMR goedgekeur moet word, sal 'n wetlik bindende dokument wees wat nie gewysig kan word sonder skriftelike toestemming van die Minister of sy gevolmagtigde nie (Noord-Kaapse DMR).

### **Wet op Nasionale Omgewingsbestuur (Wet No 107 van 1998) (NEMA)**

Die OIS-regulasies (Staatskennisgewing 543 tot 546) wat ingevolge die NEMA gepubliseer is, noem aktiwiteite op wat potensieel 'n nadelige uitwerking op die omgewing kan hê. Omgewingstoestemming moet verkry word vir aktiwiteite wat in die OIS-regulasies opgenoem word voordat daarmee begin word. Die volgende opgenoemde aktiwiteite sal deel uitmaak van die COZA-ysterertsprojek:

- Skoonmaak van plante om toe te laat vir mynboubedrywighede (GNR 545 Aktiwiteit 15 en GNR 546 Aktiwiteit 14);
- Bou van vervoerpaaië en dienspaaië by die myn (GNR 544 Aktiwiteit 22 en 47);
- Bou van kragopwekking- en verwante verspreidingsinfrastruktuur (GNR 544 Aktiwiteit 1 en 10);
- Bou van fasiliteite vir die berging van gevaarlike artikels, d.w.s. brandstof en plofstof (GNR 544 Aktiwiteit 13, GNR 545 Aktiwiteit 3);
- Bou van waterberging- en verwante verspreidingsinfrastruktuur, d.w.s. opgaardamme en pyplyne (GNR 544 Aktiwiteit 9, 12, 13, 41 en GNR 545 Aktiwiteit 10 en 19);
- Versteuring van waterlope (panne en afloopvore) (GNR 544 Aktiwiteit 11 en 18); en
- Bou van fasiliteite wat vrylatings of besoedeling kan veroorsaak of vrystel (besoedelingsbeheerdamme) (GNR 545 Aktiwiteit 5 en 26).

'n Aansoek om omgewingstoestemming is ingedien by die Noord-Kaapse Departement van Omgewing en Natuurbewaring (DENC) (Verw: NC/EIA/04/SIY/TSA /POS/DRIE/2013 /NCP/EIA/0000215/2013). 'n OIS-proses sal onderneem word ter ondersteuning van die aansoek om die omgewingsimpak van die bogenoemde aktiwiteite te bepaal.

### **Nasionale Waterwet (Wet No 36 van 1998) (NWA)**

'n Aansoek om 'n geïntegreerde watergebruikslisensie (IWUL) sal by die Noord-Kaapse Departement van Waterwese ingedien word vir die volgende Artikel 21-watergebruik:

- Artikel 21 (a) vir die onttrekking van grondwater uit boorgate;
- Artikel 21 (b) vir die bou van damme en die opgaan van water daarin;
- Artikel 21 (c) vir die versteuring van afloopvore en panne (belemmering of wegkeer van vloei);
- Artikel 21 (f) vir die afvoer van water in 'n waterloop deur 'n pyp (moontlike aanvulling van grondwater);

- Artikel 21 (g) vir die storting van afvalrots en rioolverwerkingsaanleg;
- Artikel 21 (i) vir die versteuring van afloopvore en panne (verandering van die beddings en oewers van 'n waterloop); en
- Artikel 21 (j) vir die drooglegging van putte (indien nodig).

'n Geïntegreerde water- en afvalbestuurplan (IWWMP) sal ook ingedien word ter ondersteuning van die aansoek.

#### **Wet op Nasionale Omgewingsbestuur: Afval (Wet No 59 van 2008) (NEM:WA)**

Ter ondersteuning van mynbou sal afvalbestuurfasiliteite by die myn nodig wees. 'n Aansoek om 'n afvalbestuurlisensie is by die Nasionale Departement van Omgewingsake ingedien wat die volgende aktiwiteite wat in GNR 718 aangegee word, insluit:

- Kategorie A, Aktiwiteit 1 en 2: tydelike gevaarlike en algemene afvalbergingsfasiliteite;
- Kategorie A, Aktiwiteit 4: afvalbandbergingsfasiliteite;
- Kategorie A, Aktiwiteit 5: fasiliteite vir die sortering en baal van herwinbare afval;
- Kategorie A, Aktiwiteit 18: bou van fasiliteite opgenoem onder Kategorie A;
- Kategorie B, Aktiwiteit 7: rioolverwerkingsaanleg, Kategorie B (7); en
- Kategorie B, Aktiwiteit 11: bou van fasiliteite opgenoem onder Kategorie B.

#### **Wet op Nasionale Omgewingsbestuur: Lugkwaliteit (Wet No 39 van 2004) (MEN:AQA)**

Indien die brandstof wat by die myn geberg word die hoeveelhede is wat 'n lisensie vereis ingevolge GNR 248 van NEM:AQA, moet 'n aansoek om 'n atmosferiese vrystellingslisensie by die Departement van Omgewing en Natuurbewaring ingedien word vir oorweging. Die aansoek sal ingedien word vir Kategorie 2 Subkategorie 2.2 soos aangegee in GNR 248 van die NEM:AQA.

# AANSOEKPROSES

'n Geïntegreerde OIS-proses, met inagneming van die vereistes van die NEMA, die MPRDA, die NWA en NEM:WA, sal deur 'n gekombineerde openbare deelnemingsproses (PP) onderneem word.

'n OIS is 'n studie wat onderneem word om vas te stel wat die uitwerking van 'n beplande aktiwiteit op die omgewing en omliggende gemeenskappe sal wees. Wanneer die impak bekend is, kan verliggende maatreëls ontwikkel word. Die OIS-proses bestaan uit 'n ondersoek- en impakassesseringsfase.

## Onderzoek

Onderzoek behels die identifisering van omgewingskwessies en -kwellinge. Openbare insette is 'n sleutelkomponent van die ondersoekfase van die assessoring. Gedurende die ondersoekproses word die studieplan vir die OIS vasgestel met die opdrag vir die verskillende omgewingsaspekte wat ondersoek gaan word.

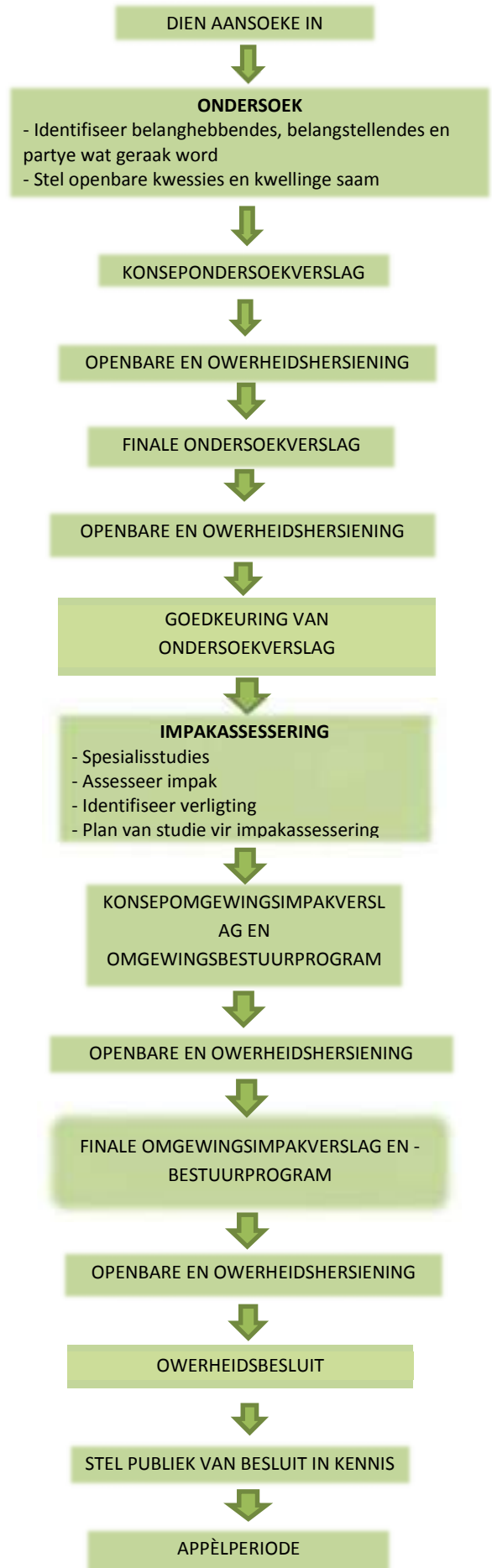
## Omgewingsimpakstudie

Dit behels die hersiening van beskikbare projek- en omgewingsinligting om die potensiële omgewingsimpak te identifiseer en die belangrikheid daarvan te assesseer. Spesialiste sal betrokke wees by die voorsiening van deskundige opinies oor bogenoemde, insluitend rekenaarmodellering waar nodig en prakties. Hierdie assessoring sal spesialisstudies insluit om te help om die impak te voorspel op lugkwaliteit, grondwater, oppervlakwater, ekologie, verkeer, erfenishulpbronne en die sosio-ekonomiese omgewing.

Die bevindinge van die impakstudie en die voorgestelde maatreëls wat geïdentifiseer is om enige negatiewe uitwerking te versag, sal in 'n Omgewingsimpakverslag opgeteken word. Die bevindinge sal voorgelê word en met die publiek bespreek word en die konsepverslag en finale verslag sal vir openbare kommentaar beskikbaar gestel word.

## Omgewingsbestuurprogram

'n Omgewingsbestuurprogram (EMPR) sal ontwikkel word met die oog daarop om aandag te gee aan geïdentifiseerde mynimpakte en om verliggende maatreëls te ontwikkel om omgewingsrisiko's tot aanvaarbare vlakke te verlaag. Aanbevelings van die spesialiste word gebruik om te help om die EMPR te ontwikkel.



Figuur 1: OIS-proses vir die COZA-ysterertsprojek

## BLAD VIR OPENBARE INSETTE OOR COZA-YSTERERTSPROJEK

Naam:	
Adres:	
Telefoon/selfoon:	
Faks:	
E-pos:	
Datum:	
Handtekening:	

\* Dui asseblief wat u voorkeur is om inligting te ontvang.

Indien u van ander weet wat ook van hierdie projek in kennis gestel moet word, voorsien ons asseblief van hulle kontakbesonderhede:

Naam:	
Adres:	
Telefoon/selfoon:	
Faks:	
E-pos:	

Indien u enige direkte sake-, finansiële, persoonlike of ander belange in die goedkeuring of weiering van die aansoek het, maak dit asseblief bekend:

--

**KWESSIES, KWELLINGE EN VRAE (gebruik bykomende bladsye indien nodig)**

**Alle aanvanklike kommentare moet ons teen 31 Mei 2013 bereik om vir die proses oorweeg te word.**


**STUUR INGEVULDE BLAD NA:**

Zama Khumalo  
Synergistics Environmental Services (Pty) Ltd  
Faks: (011) 326-4118  
E-pos: zama@synergistics.co.za  
Pos: Posbus 68821, Bryanston, 2021, Suid-Afrika



**NOTICE OF  
ENVIRONMENTAL IMPACT ASSESSMENT FOR  
THE COZA IRON ORE PROJECT**

**May 2013**

This Background Information Document (BID) provides Interested and Affected Parties (IAP's) with information on the COZA Iron Ore Project and invites them to participate in a public consultation process for the project. You are hereby invited to:

1. Register as an IAP for the COZA Iron Ore Project;
2. To raise concerns and ask questions about the Project; and
3. Attend the Public Consultation Meeting for the Project.

Please send us your initial comments and questions by 31 May 2013. There will be additional opportunities in the future for you to participate and provide comments.

**Should you wish to register or have any issues or environmental concerns, please complete the registration/comment sheet (last page of this document) and return to Synergistics (Zama Khumalo)**

COZA Iron Ore Project

Synergistics Environmental Services (Pty) Ltd

Tel: 011 326-4158

Fax: 011 326-4118

Post: P.O. Box 68821, Bryanston, 2021

Email: [zama@synergistics.co.za](mailto:zama@synergistics.co.za)

**You are also invited to attend an information sharing meeting for the project. Meeting details are as follows:**

Venue: Town Hall , Postmasburg

Date: 23 May 2013

Time: 10h00 –13h00

Please RSVP by 17 May 2013

*(you are welcome to leave a message and we will gladly call you back)*



# Background Information Document

## Environmental Impact Assessment for the COZA Iron Ore Project

**May 2013**

ArcelorMittal South Africa (Pty) Ltd (AMSA) is planning to develop a new opencast iron ore mine, the COZA Iron Ore Mine, in the Tsantsabane Local Municipality of the Northern Cape Province. The project is a green-fields project that will comprise mining from two separate pits located on the farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1). There are a number of environmental authorisations that are required for the proposed development.

AMSA appointed Synergistics Environmental Services (Pty) Ltd (Synergistics) as the independent Environmental Assessment Practitioner to assist with the applications required under South African environmental legislation and to undertake the Environmental Impact Assessment (EIA) process.

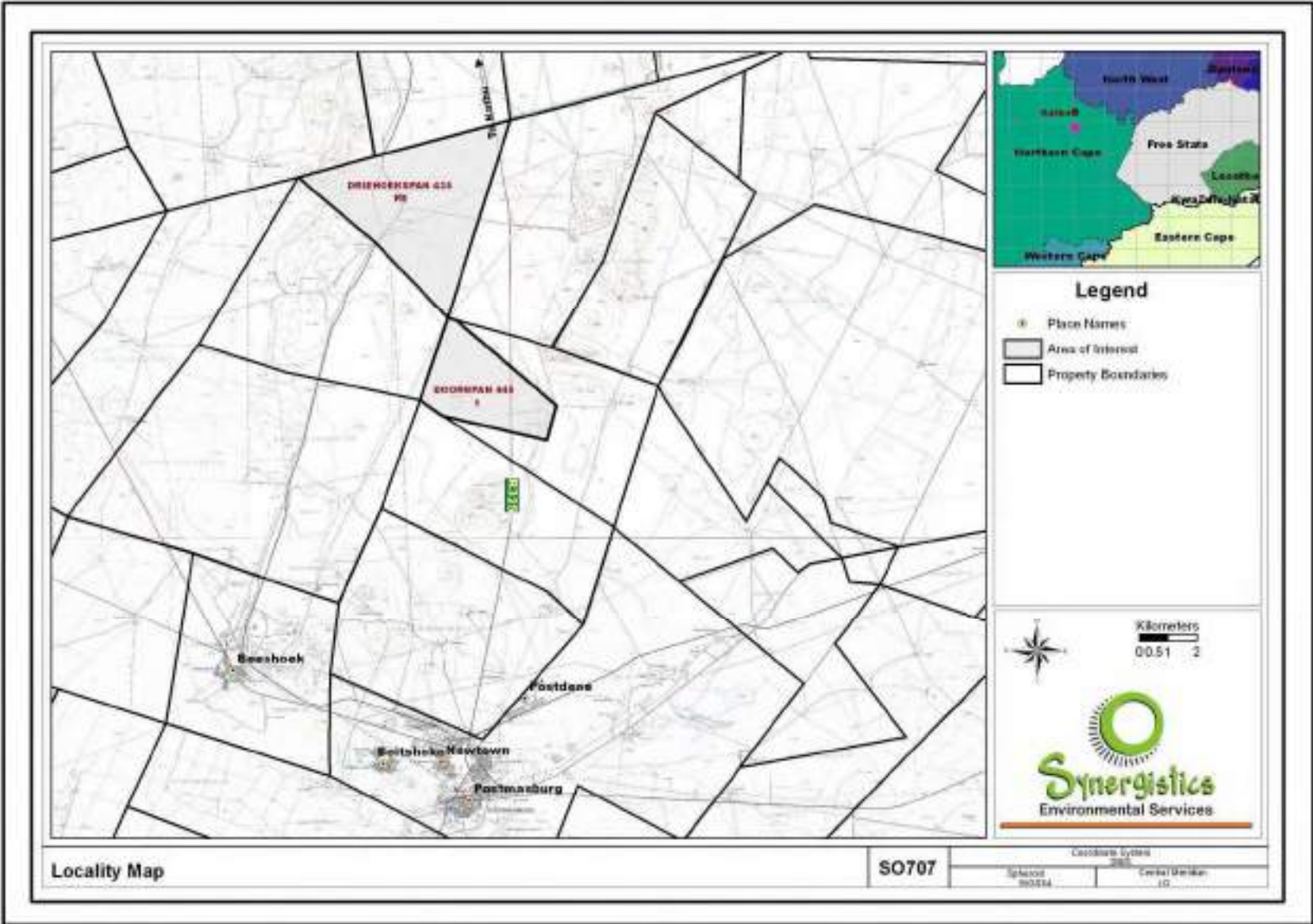
### PURPOSE OF DOCUMENT

This Background Information Document (BID) provides initial information to Interested and Affected Parties (IAP's) and stakeholders about the environmental applications and Environmental Impact Assessment being undertaken for the proposed COZA Iron Ore Project.

This document forms the first part of the public consultation process, which is required as part of the EIA process and aims to elicit comments, questions and responses regarding the proposed project. Initial issues raised will be considered when planning the studies to be undertaken as part of the EIA process.

# PROJECT LOCATION

The COZA Iron Ore Project will be located approximately 10 km NNW of Postmasburg on the farms Driehoekspan 435 (remaining Extent) and Doornpan 445 (Portion 1) as indicated on the accompanying map.





## PROJECT DESCRIPTION

### Mining Method

The proposed COZA Iron Ore Project will comprise opencast mining from two separate pits on farms Doornpan and Driehoekspan. Two separate mining right applications will be submitted for the two mining areas. Mining will be undertaken by means of truck and shovel. Topsoil will be stripped and stockpiled and the overburden will be placed on waste rock dumps located near to the pits within the infrastructure area. At full development the COZA Iron Ore Project is expected to produce approximately 500 000 tons of ore per annum with an estimated life of mine of approximately 10 years.

### Mine Plan

Mining activities will be undertaken simultaneously from the two pits. It is estimated that the pits will reach an average depth of between 80 and 100 m below surface. The following preliminary information is available on the surface area to be disturbed by mining activities:

- Total area of the Farm Doornpan is 2837 ha. The total area to be disturbed by the project is estimated to be ~25 ha. Disturbances will include the pit, waste rock dump, run of mine (ROM) stockpile, crushing and screening facilities, access roads and supporting infrastructure.
- Total area of Farm Driehoekspan is 1983 ha with ~80 ha estimated to be affected by similar disturbances as described for Farm Doornpan.

### Processing

Ore processing methods will involve crushing, screening and blending. These processing activities will take place at the ROM stockpile adjacent to the pit. No further process or tailings facilities will be developed at the mine.

### Transportation

Ore will be trucked from site using existing access roads that link to the R325. From the R325 ore will be trucked to existing mines for further processing. A number of alternative processing sites are located within 30 km of the proposed mine site.

Later in the project life, the mined ore may be transported to another local AMSA project (not part of this assessment) that is likely to include the development of a processing and beneficiation plant.

### Supporting Infrastructure Requirements

It is anticipated that minimal supporting infrastructure will be established at the two mine pit sites. The infrastructure that will be developed includes access roads with entrance controls, mine fencing, water management infrastructure (pollution control dams and water supply dams), power supply, a small office, change house, workshops with First Aid Room, packaged sewage treatment, temporary waste storage facilities and areas for the storage of explosives and fuel.

During the construction phase, workers will be accommodated at the temporary construction village on site. Once operations at the mine commence, staff will be accommodated within surrounding towns.

Power for the mine will be sourced from diesel generators during the construction phase and later a power supply line will be constructed to link to an existing Eskom line.

## ENVIRO-LEGAL REQUIREMENTS

The COZA Iron Ore Project will require various environmental approvals prior to commencement with construction or operational activities. Below is the list of applicable legislation and applications for the project.

### **Minerals and Petroleum Resources Development Act, (Act No 28 of 2008) (MPRDA)**

Two mining right applications will be submitted to the Northern Cape Department of Mineral Resources for the mining of iron ore on farms Driehoekspan and Doornpan. An EIA process will be undertaken to determine the overall impact of mining to the environment. An Environmental Management Programme (EMPR) will be developed to manage the impact. The EMRP, to be approved by the DMR, will be a legally binding document that cannot be amended without written consent from the Minister or his delegate (Northern Cape DMR).

### **National Environmental Management Act, (Act No 107 of 1998) (NEMA)**

The EIA Regulations (Government Notice 543 to 546) published in terms of the NEMA, lists activities that potentially could have a detrimental impact on the environment. Activities listed in the EIA Regulations require environmental authorisation prior to commencement. The following listed activities will form part of the COZA Iron Ore Project:

- Clearance of vegetation to allow for mining activities (GNR 545 Activity 15 and GNR 546 Activity 14);
- Construction of haul roads and service roads at the mine (GNR 544 Activities 22 and 47);
- Construction of electricity generation and related distribution infrastructure (GNR 544 Activities 1 and 10);
- Construction of facilities for the storage of dangerous goods i.e. fuel and explosives (GNR 544 Activity 13, GRN 545 Activity 3);
- Construction of water storage and related distribution infrastructure i.e. storage dams and pipelines (GNR 544 Activity 9, 12, 13, 41 and GNR 545 Activity 10, and 19);
- Disturbance of watercourses (pans and drainage lines) (GNR 544 Activity 11 and 18); and
- Construction of facilities that may result in the generation or release of emissions or pollution (pollution control dams) (GNR 545 Activity 5 and 26).

An application for environmental authorisation has been submitted to the Northern Cape Department of Environment and Nature Conservation (DENC) (Ref: NC/EIA/04/SIY/TSA /POS/DRIE/2013 /NCP/EIA/0000215/2013). An EIA process will be undertaken in support of the application to determine the environmental impact of the abovementioned activities.

### **National Water Act (Act No 36 of 1998) (NWA)**

An application for an integrated water use licence (IWUL) will be submitted to the Northern Cape Department of Water Affairs for the following Section 21 water uses:

- Section 21 (a) for the extraction of groundwater from boreholes;
- Section 21 (b) for the construction of dams and the storage of water in it;
- Section 21 (c) for disturbing drainage lines and pans (impeding or diverting flow);
- Section 21 (f) for discharging water into a water resource through a pipe (possible recharge of groundwater);

- Section 21 (g) for the dumping of waste rock and sewage treatment works;
- Section 21 (i) for disturbing drainage lines and pans (altering the beds and banks of a watercourse); and
- Section 21 (j) for dewatering pits (if required).

An integrated water and waste management plan (IWWMP) will also be submitted in support of the application.

**National Environmental Management: Waste Act (Act No 59 of 2008) (NEM:WA)**

In support of mining, waste management facilities will be required at the mine. A waste management licence application has been submitted to the National Department of Environmental Affairs with the following activities listed in GNR 718 included:

- Category A, Activity 1 and 2: temporary hazardous and general waste storage facilities;
- Category A, Activity 4: waste tyre storage facilities;
- Category A, Activity 5: facilities for the sorting and bailing of recyclable waste;
- Category A, Activity 18: construction of facilities listed under Category A;
- Category B, Activity 7: sewage treatment plant, Category B (7); and
- Category B, Activity 11: construction of facilities listed under Category B.

**National Environmental Management: Air Quality Act (Act No 39 of 2004) (NEM:AQA)**

Should the fuel stored at the mine meet the quantities that require a licence in terms of GNR 248 of NEM:AQA, an application for an atmospheric emissions licence will be submitted to the Department of Environment and Nature Conservation for consideration. The application will be submitted for Category 2 Subcategory 2.2 as listed in GNR 248 of NEM:AQA.

## APPLICATION PROCESS

An integrated EIA process, taking cognisance of the requirements of the NEMA, the MPRDA, the NWA and NEM:WA will be undertaken complemented by a combined public participation (PP) process.

An EIA is a study that is undertaken to determine the effect that a planned operation will have on the environment and surrounding communities. Once the impact is known, mitigatory measures can be developed. The EIA process consists of a scoping and impact assessment phase.

### Scoping

Scoping involves the identification of environmental issues and concerns. Public input is a key component of the scoping phase of the assessment. During the scoping process the plan of study for the EIA is determined with the terms of reference for the different environmental aspects to be investigated.

### Environmental Impact Assessment

This involves the review of available project and environmental information to identify the potential environmental impact and to assess the level of significance thereof. Specialists will be involved to provide expert opinion on the above, incorporating computer modelling where necessary and feasible. This assessment will include specialist studies to assist in predicting the impact on air quality, groundwater, surface water, ecology, traffic, heritage resources and the socio-economic environment.

The findings of the impact assessment and the proposed measures identified to mitigate any negative effects will be documented in an Environmental Impact Report. The findings will be presented and discussed with the public and the draft report and final report will be made available for public comment.

### Environmental Management Programme

An environmental management programme (EMPR) will be developed aimed at addressing identified mining impact and developing mitigation measures to reduce environmental risks to acceptable levels. Recommendations of the specialists are used to assist in developing the EMPR.

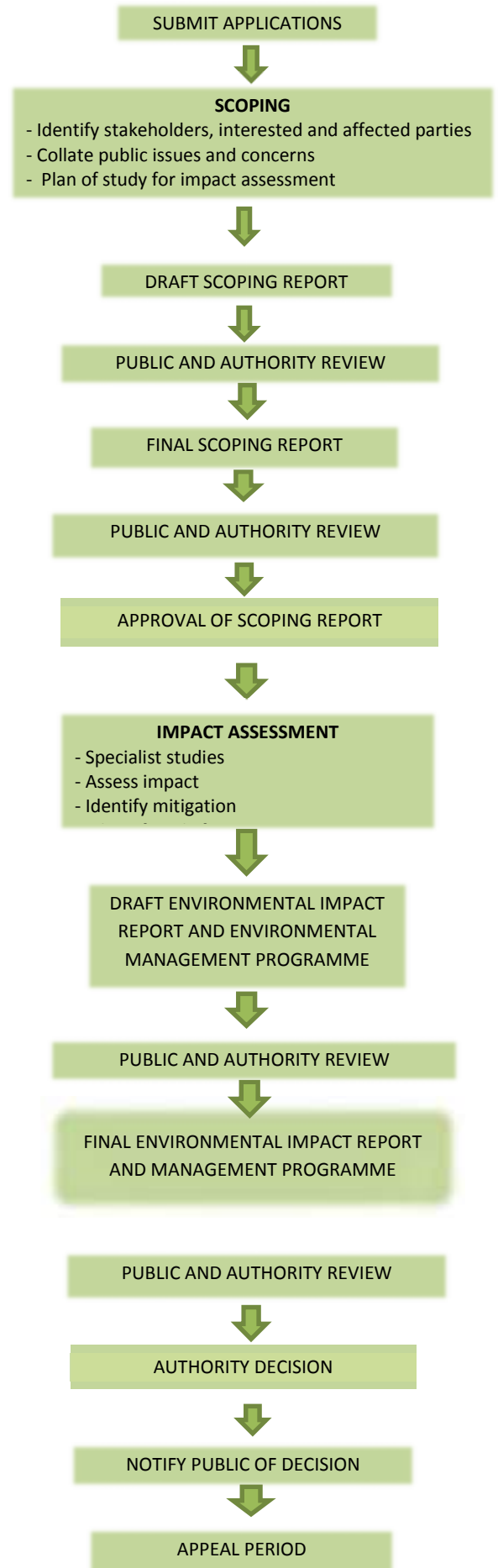


Figure 1: EIA Process for the COZA Iron Ore Project

## PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	
Date:	
Signature:	

\* Please indicate your preferred method of receiving information.

If you know of others who should also be informed of the project, please provide us with their contact details:

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	

If you have any direct business, financial, personal or other interests in the approval or refusal of the application, please disclose these:

--

ISSUES, CONCERNS AND QUESTIONS (use additional pages if required)

All initial comments must reach us by 31 May 2013 to be considered in the process.


RETURN COMPLETED SHEET TO:

Zama Khumalo  
Synergistics Environmental Services (Pty) Ltd  
Fax: (011) 326-4118  
E-mail: zama@synergistics.co.za  
Post: P.O. Box 68821, Bryanston, 2021, South Africa



**KITSISO YA TSHEKATSHEKO YA KAMEGO YA  
TIKOLOGO YA POROJEKE YA  
COZA IRON ORE**

**MOTSHEGANONG 2013**

Tokomane e ya Tshedimose tso ya Maitshetlego (Background Information Document (BID)) e fa Bakgatlhegi le Baamegi tshedimose tso ka ga Porojeke ya COZA Iron Ore Project e bile e ba laletsa go tsaya karolo mo thulaganyong ya therisano e setšhaba ya porojeke. Lo lalediwa jaana go:

1. Ikwadisa jaaka Mokgatlhegi le Moamegi (IAP) wa Porojeke ya COZA Iron Ore;
2. Tlhagisa matshwenyego le go botsa dipotso ka ga Porojeke; le go
3. Tsenela Kopano ya Therisano le Setšhaba ya Porojeke.

Tsweetswee re romelele ditshwaelo tsa gago tsa ntlha le dipotso pele ga kgotsa ka la 31 Motsheganong 2013. Go tlaa nna le ditshono tsa tlaleletso mo isagong tsa gore o tseye karolo le go fa ditshwaelo.

**Fa oka eletsa go ikwadisa kgotsa o na le dikgang kgotsa matshwenyego a tsa tikologo, tsweetswee tlatsa letlhare la kwadiso/ditshwaelo (tsebe ya bofelo ya tokomane e) o be o le busetsa kwa go Synergistics (Zama Khumalo)**

COZA Iron Ore Project

Synergistics Environmental Services (Pty) Ltd

Mogala: 011 326-4158

Fekese: 011 326-4118

Poso: P.O. Box 68821, Bryanston, 2021

Imeile: [zama@synergistics.co.za](mailto:zama@synergistics.co.za)

**Lo lalediwa gape go tsena kopano ya kabelano ya tshedimose tso ya porojeke. Dintlha ka ga kopano di ntse jaana:**

Lefelo: Town Hall , Postmasburg

Letlha: 23 Motsheganong 2013

Nako: 10h00 –13h00

Tsweetswee RSVP pele kgotsa ka la 17 Motsheganong 2013

*(o omogelesega go tlogela molaetsa le gone re tlaa go leletsa ka boitumelo)*



## Tokomane ya Tshedimose tso Maitshetlego

**TSHEKATSHEKO YA KAMEGO YA TIKOLOGO YA POROJEKE YA  
COZA IRON ORE**

### Motsheganong 2013

ArcelorMittal South Africa (Pty) Ltd (AMSA) e rulaganya go tlhabolola moepo o montšhwa wa o o bulegileng (opencast) wa manya a tshipi, Moepo wa COZA Iron Ore, mo Mmasepaleng wa Selegae wa Tsantsabane mo Porofenseng ya Kapa Bokone. Porojeke e ke porojeke ya green-fields e e tlaa nnang le moepo go tswa mo mekoting e mebedi e e kgaoganeng e e leng mo dipolaseng tsa Driehoekspan 435 (Remaining Extent) le Doornpan 445 (Portion 1). Go na le dithebolo tsa tikologo di le mmalwa tse di tlhokelwang tlhabololo e e tshitshintsweng.

AMSA e tlhomile Synergistics Environmental Services (Pty) Ltd (Synergistics) jaaka Motlhatlho bi wa tsa Tikologo yo o Ikemetseng go thusa ka dikopo tse di tlhokiwang ka fa tlase ga peopmolao ya tsa tikologo ya Aforikaborwa le go diragatsa thulaganyo ya Tshekatsheko ya Kamego ya Tikologo (EIA)

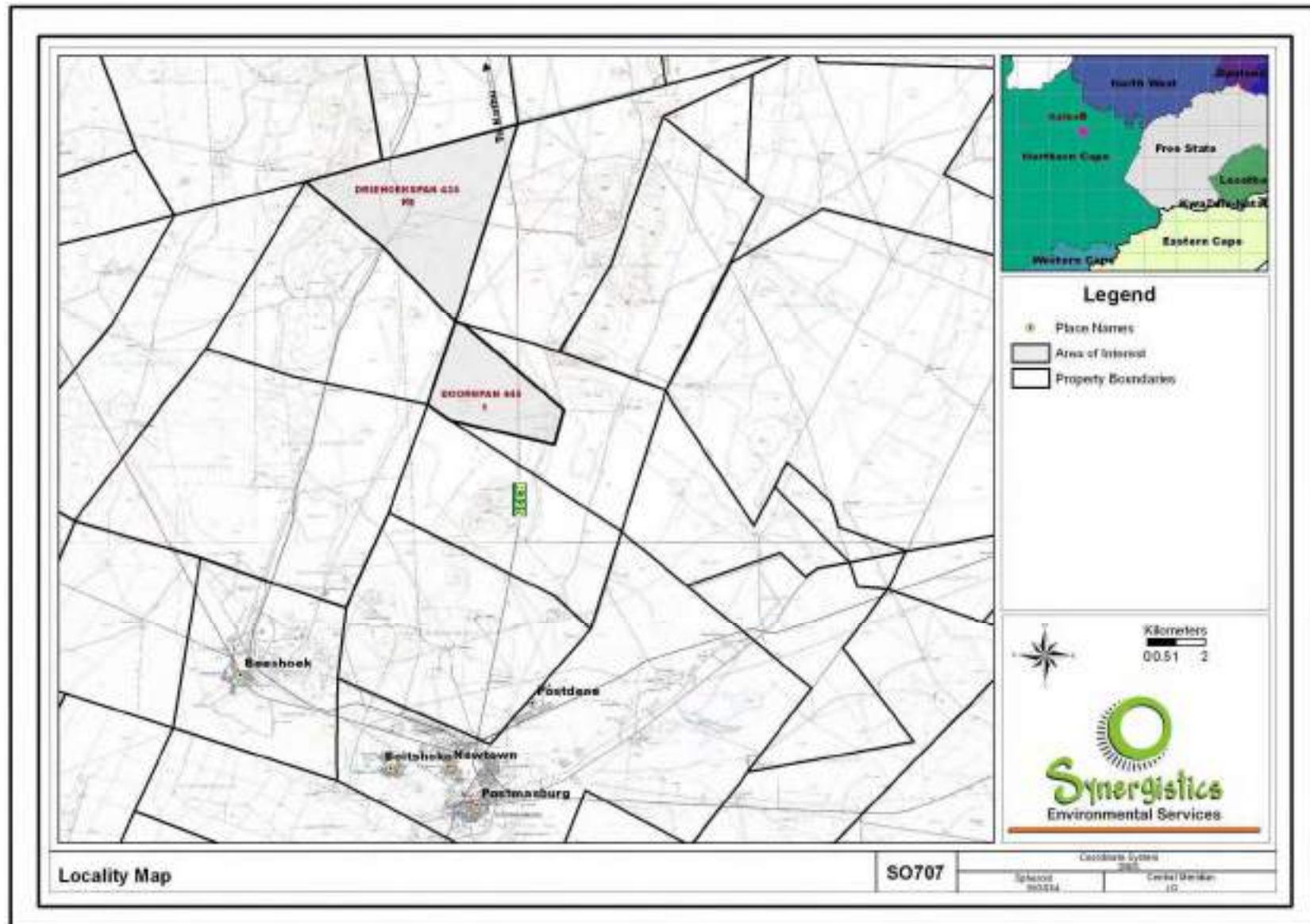
### BOIKEMISETso JWA TOKOMANE

Tokomane ya Tshedimose tso ya lemorago (Background Information Document (BID)) eno e fa tshedimose tso ya ntlha go Bakgatlhegi le Baamegi (IAP's) le bannaleseabe ka ga dikopo tsa tikologo le Tshekatsheko ya Kamego ya Tikologo (EIA) e e direlwan g Porojeke ya COZA Iron Ore e e tshitshintsweng.

Tokomane e ke karolo ya ntlha ya thulaganyo therisano le setšhaba, e e tlhokiwang jaaka karolo ya thulaganyo ya EIA le gone e ikaeletse go ngoka ditshwaelo, dipotso le ditsibogo tebang le porojeke e e tshitshintsweng. Merero ya ntlha e e tlhagisitsweng e tlaa sekasekiwa fa go rulaganyediwa dithutopatlisiso tse di tlaa dirwang jaaka karolo ya thulaganyo ya EIA.

## LEFELO LA POROJEKE

Porojeke ya COZA Iron Ore e tlaa nna phopholetso ya 10 km NNW ga Postmasburg mo dipolaseng tsa Driehoekspan 435 (remaining Extent) le Doornpan 445 (Portion 1) tse di kailweng mo mmapeng o o tsamayang mmogo.



## TLHALOSO YA POROJEKE

### Mokgwa wa go Epa

Porojeke ya COZA Iron e e tshitshintswng e tlaa nna le go epa ga mokoti o o bulegileng go tswa mo mekoting e mebedi e e kgaoganeng mo dipolaseng tsa Doornpan le Driehoekspan. Dikopo tsa ditshwanelo tsa moepo di le pedi di tlaa tsenyediwa dikgaolo tsa meepo tse pedi. Go epa go tlaa dirwa ka teraka le sekopogarawe. Mmu o o fa godimo o tlaa tloswa le go kgobokanngwa mme mokowa wa matlakala o tlaa bewa mo dithotobolong tsa mafika le matlakala gaofi le mekoti mo teng ga kgaolo ya mafaratlhatlha. Kwa tlhabolong ya yone ka botlalo, Porojeke ya COZA Iron Ore e solofetswe go umisa phopholetso ya ditone di le 500 000 ka ngwaga le gore moepo o nne nne teng ka phopholetso ya dingwaga tse di 10.

### Leano la Moepo

Ditiro tsa moepo di tlaa dira ka nao e le nngwe go tswa mo mekoting e mebedi. Go fopholediswa gore mekoti e tlaa fitlha kwa botenyane kwa 80 m le 100 m kwa tlase ga lefatsho. Tshedimosetso e e latelang ya ntlha e teng tebang le lefelo le el atlaa kgorelediwang ke ditiro tsa moepo:

- Bogolo jwa kgaolo yotlhe ya Polasa ya Doornpan ke 2837 ha. Kgaolo yotlhe e e tlaa kgorelediwang ke porojeke e fopholediswa go nna ~25 ha. Dikgoreletso di tlaa akaretsa mokoti, thothobolo ya matlakala le mafika, thotobolo ya run of mine (ROM), dikago tsa go thuga le go sekherina, ditsela tse di fang phitlhelelo le mafaratlhatlha a a tshegetsang.
- Bogolo ba kgaolo yotlhe ya Polasa ya Driehoekspan ke 1983 ha foo ~80 ha e fopholediwang gore e tlaa amiwa ke dikgoreletso jaaka go tlhalositswe tebang le Polasa ya Doornpan.

### Go porosesiwa

Mekgwa ya go porosesa manya e tlaa akaretsa go thuga go sekerina le go kopanya. Ditiro tse tsa go porosesa di tlaa nnela kwa ROM stockpile go bapa le mokoti. Ga go na meago e mengwe gape ya go porosesa e e tlaa agiwang kwa moepo.

### Thwalo / Thotho

Manya a tlaa thothilwa go tswa mo lefelong la moepo go dirisiwa ditsela tse di tswang tse di golaganang le R325. Go tswa mo R325 manya a a tla thothelwa kwa meepong e e leng teng gore a e tsweleleg go porosisiwa. Mafelo a mangwe a go porosisiwa a le mmalwa a bogaufi jwa 30 km go tswa fa lefelong la moepo o o tshitshintsweng.

Morago mo botshelong jwa porojeke, manya a a epilweng a ka nna a thothelwa kwa porojekeng e nngwe ya selegae ya AMSA (e e seng karolo ya tshekatsheko e) e go nang le kgonagao ya gore e akaretse kago ya polante ya go porosisiwa le go umisa.

### Ditlhokego tsa Mafaratlhatlha a Tshegetso

Go solofetswe gore mafaratlhatlha a manye a tlaa tlhomiwa kwa mafelong a mekoti ya meepo e mebedi. Mafaratlhatlha a a tlaa agiwang a akaretsa ditsela tse di fang phitlhelelo tse di nang le taolo ya kwa kgorong, terata ya moepo, mafaratlhatlha a tsamaiso ya metsi (matamo a taolo ya kgotlhelo le matamo a theleso ya metsi), theleso ya motlakase, ofisi e nnye, ntlo ya go fetola diaparo, diwekešopo le Diphaposi tsa Thuso ya Tshoganyetso, tlhokomeleo ya leswe le le phuthetsweng, matlo a nakwana a poloko ya matlakala, le mafelo a polokelo ya dithunyi le dituki.

Ka nako ya kago, badiri ba tlaa fiwa marobalo kwa motseng ya nakwanan wa baagi mo lefelong la moepo. Fa fa ditiro tsa moepo di simola, badiri ba tlaa fiwa marobalo mo ditoropong tse di mo tikologong.

Maatla kgotsa motlakase wa moepo o tlaa tsewa mo dijeneretareng ts disele ka nako ya kgato ya go aga mme morago mogala wa theleso ya motlakase o tlaa agiwa go gokelelwa le mogala wa Eskom.



## DITLHOKEGO TSA TIKOLOGO-SEMOLAO

Porojeke ya COZA Iron Ore e tlaa tlhoka dithebole tsa tikologo tse di farologaneng pele ga tshimololo ya kago kgotsa ditiro tsa moepo. Fa tlase go na le lenane la dipeomolao tse di lebaneng le dikopo tsa porojeke.

### **Moalo wa Tlhabololo ya Metswedi ya Diminerale le Peteroleamo (Minerals and Petroleum Resources Development Act (No 28 of 2002) MPRDA)**

Dikopo tse pedi tsa ditshwanelo tsa go epa di tlaa fiwa Lefapha la Metswedi ya Diminerale la Kapa Bokone go kopa go epa manya a tshipi mo dipolaseng tsa Driehoekspan le Doornpan. Thulaganyo ya EIA e tlaa dirwa go tlhomamisa kamego yotlhe e go epa meeo go tlaa nnang le yona mo tikologong. Lenaneo la Tsamaiso ya Tikologo (EMPR) le tlaa tlhabololwa go laola kamego. EMRP, e e tlaa rebolwang ke DMR, e tlaa nna tokomanen e e tlamang ka semolao e e ka se fetolweng ntle le tumelelo e e kwadilweng ke Tona kgotsa morongwa wa gagwe (Lefapha la Metswedi ya Diminerale la Kapa Bokone).

### **Molao wa tsamaiso ya Tikologo wa Bosetšhaba (National Environmental Management Act (No 107 of 1998) NEMA)**

Melawana ya EIA (Kitsiso ya Puso 543 go ya go 546) e e phasaladiwang go ya ka NEMA, e fa lenane la ditiro tse go nang le kgonagalo ya gore di ame tikologo ka mo go maswe. Ditiro tse di kwadilweng mo Melawaneng ya EIA di tlhoka thebolo ya tsa tikologo pele ga di ka simololwa. Ditiro tse di latelang tse di kwadilweng mo lenaneng di tlaa nna karolo ya Porojeke ya COZA Iron Ore:

- Go tthagola sekgwa go letla gore go nne le ditiro tsa moepo (GNR 545 Tiro 15 le GNR 546 Tiro 14);
- Kago ya ditsela tse di thothang le ditsela tsa ditirelo kwa moepong (GNR 544 Ditiro 22 le 47);
- Kago ya go dirwa ga motlakase le mafaratlhatlha a phetiso ya motlakase a a tsamaelanang (GNR 544 Ditiro 1 le 10);
- Kago ka dikago tsa polokelo ya dithotho tse di kotsi, jaaka dituki le dithunyi (GNR 544 Tiro 13, GRN 545 Tiro 3);
- Kago ya polokelo ya metsi le mafaratlhatlha a a amanang a phatlhalatso ya metsi, jaaka matamo a polokelo le ditsela tsa dipeipi (GNR 544 Tiro 9, 12, 13, 41 and GNR 545 Tiro 10, and 19);
- Kgoreletso ya mesele ya metsi (matsha le mesele ya go elela ga metsi (GNR 544 Tiro 11 le 18); le
- Kago ya dikago tse di ka feleleletsang mo go dirweng kgotsa mo tsholong ya digase/metsi kgotsa kgotlhelo (matamo a taolo ya kgotlhelo) (GNR 545 Tiro 5 le 26).

Kopo ya thebolo ya tsa tikologo e tlaa fiwa Lefapha la Tikologo le Tshomarelo ya Tlholego la Kapa Bokone (DENC) (Ref: NC/EIA/04/SIY/TSA /POS/DRIE/2013 /NCP/EIA/0000215/2013). Thulaganyo ya EIA e tlaa dirwa go tshegetsatshe kopo go tlhomamisa go kamo ya tikologo ya ditiro tse di umakilweng fa godimo.

### **Molao wa Metsi wa Bosetšhaba (National Water Act (No 36 of 1998) NWA)**

Kopo ya laesense ya tiriso ya metsi e e koopaneng (IWUL) e tlaa fiwa Lefapha la Merero ya Metsi la Kapa Bokone go kopela ditiriso tse di latelang:

- Karolo 21 (a) go goga metsi a a ka fa tlase ga lefatshe mo didibeng;
- Karolo 21 (b) go aga matamo le go boloka metsi mo go ona;
- Karolo 21 (c) go kgoreletsa mesele ya go elela ga metsi le matsha (go kgoreletsa kgotsa go faposa kelelo);

- Karolo 21 (f) go tshololela metsi mo moseleng wa metsi go dirisiwa peipi (kgonego ya go tshela gape metsi a ka fa tlase ga mmu);
- Karolo 21 (g) ya golatlha matlakala a mafika le ditiro tsa go phepafatsa metsi a a leswe;
- Karolo 21 (i) ya go kgoreletsa mesele ya metsi le matsha (go fetola bokwatlase jwa metsi a aelelang); le
- Karolo 21 (j) ya go ntsha metsi a mekoti (fa go tlhokega).

Leano le le kopaneng la tsamaiso ya metsi le matlakala (IWWMP) le lone le tlaa tlhagisiwa go ema nokeng kopo.

**Tsamaiso ya Tikologo ya Bosetšhaba: Molao wa Matlakala (National Environmental Management: Waste Act (No 59 wa 2008) NEM:WA)**

Mo tshegetsong ya meepo, ditlamelo tsa tsamaiso ya matlakala di tlaa tlhokiwa kwa moepong. Kopo ya laesense ya tsamaiso ya matlakala e rometswe kwa Lefapheng la Merero ya Tikololo la Bosetšhaba go akareditswe ditiro tse di latelang tse di kwadilweng mo GNR 718:

- Setlhopha A, Tiro 1 le 2: dikago tsa nakwana tsa poloko ya matlakala ka kakaretso le matlakala a a kotsi;
- Setlhopha A, Tiro 4: dikago tsa poloko ya matlakala a dithaere;
- Setlhopha A, Tiro 5: dikago tsa go tlhaola le go farologanya matlakala a ka dirisiwang gape;
- Setlhopha A, Tiro 18: kago ya dikago tse di kwadilweng ka fa tlase ga Setlhopha A;
- Setlhopha B, Tiro 7: polante ya go phepafatsa metswe a leswe, Setlhopha B (7); le
- Setlhopha B, Tiro 11: kago ya dikago tse di kwadilweng ka fa tlase ga Setlhopha B.

**Tsamaiso ya Tikologo ya Bosetšhaba: Molao wa Boleng jwa Mowa (National Environmental Management Act (No 39 wa 2004) NEM:AQA)**

Fa dituki tse di bolokilweng kwa moepong di fitlhelela bontsi jo bo tlhokang laesense go ya ka GNR 248 ya NEM:AQA, kopo ya laesense ya tshololelo digase mo lefaufaug e tlaa neelwa Lefapha la Tikologo le Tshomarelo ya Tlhologo gore e e sekaseke. Kopo e tlaa tlhagisediwa Setlhopha 2 Setlhotshwana 2.2 jaaka go kwadilwe mo GNR 248 ya NEM:AQA.

# THULAGANYO YA KOPO

Thulaganyo ya EIA e e kopantsweng, e e tsayang tsiya ditlhokego tsa NEMA, MPRDA, NWA le NEM:WA e tlaa dirwa e patilwe ke thulaganyo ya tseokarolo ya setšhaba

EIA ke thutopatlisiso e e dirwang go tihomamisa kamo e tiro e e rulagantsweng e tlaa nnang le yona mo tikologong le mo merfeng e e mo tikologong. Fa kamego e sena go itsewe, dikgato tsa phokotso di tla tswelediwa. Thulaganyo ya EIA e dirilwe ka kgato ya scoping le ya tshekatsheko ya kamego.

## Scoping

Scoping e akaretsa go kata merero le matshwenyego a tsa tikologo. Tshwaelo ya setšhaba ke karolo e e botlhokwa mo tshekatshekong. Ka nako ya thulaganyo ya scoping leano la thutopatlisiso la EIA le a tihomamisiwa ka mabaka a kaelo a dintlha tse di farologaneng tsa tikologo a a tlaa tlhotlhomisiwang.

## Tshekatsheko ya Kamego ya Tikologo (EIA)

Seno se akaretsa go sekasekiwa ga tshedimosetso ya porojeke e e leng teng gore go tle go kaiwe kamego ya tikologo e e ka kgonegang le go sekaseka bogolo jwa botlhokwa jwa yona. Baitseanape ba tlaa akarediwa gore ba fe dikakanyo tsa bona ts botlhalefi tebang le tse di fa godimo, go akarediwa computer modelling fa go tlhokafalang teng e bile go kgonega. Tshekatsheko e e tlaa akaretsa dithutopatlisiso tsa baitseanape go thus ammo go lepeng kgotsa go bolelelapele kamo ya boleng jwa mowa, metsi a a ka fa tlase ga mmu, metsi a a mo godimo ga mmu, ikholoji, pharakano metswedithuso ya ngwaoboswa le tikologo ya ikoloniboago

Diphithlelelo tsa tshekatsheko ya kamego le dikgato tse di tshitshintsweng go fokotsa dikamego dipe tse di bosula di tlaa kwalwa mo Pegong ya kamego ya Tikologo. Diphithlelelo di tla tlhagisiwa le go buisanelwa le setšhaba mme tlhomo (terafote) ya pego e le pego ya bofelo di tlaa nna teng gore setšhaba se akgele mo go tsona.

## Lenaneo la Tsamaiso ya Tikologo

Lenaneo la tsamaiso ya tikologo (environmental management programme (EMPR)) le tlaa tlhabololwa le go lebiwa go samagana le kamo ya moepo le go tsaya dikgato tse di fokotsang bogale jwa masula a ka tlelang tikologo gore a nne mo maemong a a amogelesegang. Dikatlanegiso tsa baitseanape di dirisiwa go thusa go tlhabolola EMPR.

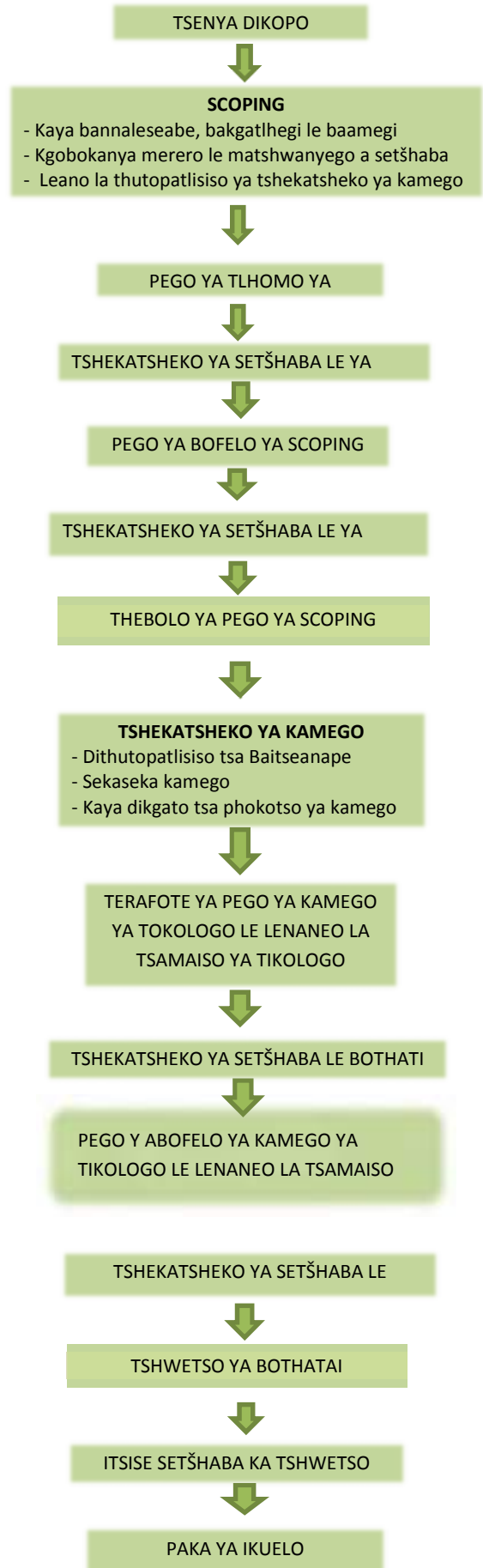


Figure 1: Thulaganyo ya EIA ya Porojeke ya COZA Iron Ore

## LETLHARE LA TSHWAELO YA SETŠHABA L APROJEKE YA COZA IRON ORE

Leina:	
Aterese:	
Mogala/selefounu :	
Fekese:	
Imeile:	
Letlha:	
Tshaeno:	

\* Tsweetswee kaya mokgwa o o ratang go amogela tshedimosetso ka ona.

Fa o itse ka bangwe ba le bona ba tshwanetseng go itsisewe ka ga porojeke e, tsweetswee re fe dintlha tsa bona ts e re ka ikgolaganyang le bona ka tsona:

Leina:	
Aterese:	
Mogala/selefounu:	
Fekese:	
Imeile:	

Fa o na le dikgatlhego dingwe tsa tlhamalalo tsa kgwebo, ditšhelete, tsa sebele kgotsa dingwe di sele tebang le thebolo kgotsa go ganwa ga kopo e, tsweetswee dibolele:

**MERERO, MATSHWENYEGO LE DIPOTSO (dirisa ditsebe tsa tlaleletso fa go tlhokega)**  
Ditshwaelo tsoatlhe tsa ntlha di tshwanetse go fitlha kwa go rona pele ga kgotsa ka la 31 Motsheganong 2013 go re di sekasekiwe mo thulaganyong.


**BUSETSA LETLHARE LE LE TLADITSWE KWA GO:**

Zama Khumalo  
Synergistics Environmental Services (Pty) Ltd  
Fekese: (011) 326-4118  
Imeile: zama@synergistics.co.za  
Poso: P.O. Box 68821, Bryanston, 2021, South Africa



Press and site notifications

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OLIFANTSHOEK

## Miss & Mr Maikaelelo Primary School 2013



Mammie Olyn was recently selected as Miss Maikaelelo, with Koketso Gaeletelwe and Boikokobetso Morongwe as her first and second princesses respectively. Thato Morwe was selected as Mr Maikaelelo, with Deon Martins and Frank Moleleki in second and third places.

## New ECD

## Practitioners Graduate

It was a big night for seven ECD (Early Child Development) students who became fully-fledged ECD Practitioners at their graduation ceremony held at the Albatross Restaurant at the Kathu Country Club on Friday 3 May 2013. After a brief welcome by Kumba HR Manager Mrs Susan Bezuidenhout, Mr Mashilo Makatong (Manager: Sustainable Development at Kumba) gave an entertaining overview of the project. Emphasising the company's high premium on quality education from an early age, he mentioned that the project was initiated in 2009 already. According to Mr Makatong the fact that an amount of approximately R500 000 was invested in the young ladies' training is proof that the company also believes in the words of former President Nelson Mandela that "education is the great engine of personal development". He encouraged the students not to stop learning and improving themselves, and

assured them that Kumba is proud of their achievements. After a delicious meal guests were addressed by Dr Elsie Calitz, the students' lecturer and mentor. Dr Calitz, a well-known educator who is passionate about early childhood development, came all the way from Pretoria to Kathu once a month for more than a year to tutor the students. In her speech she also emphasised the importance of high-quality education from an early age, and added that the circumstances in the country can only change if more teachers are trained. She conveyed her appreciation towards Kumba for initiating and financing such an honourable project, as well as towards Mrs Renske van der Walt, the principal of Bana ECD Centre. Dr Calitz offered the ECD training over weekends, in collaboration with Centurion College, to pre-school teachers from Bana, Sonstraaltjie, Simba and Kathu Primary, among others.



The seven newly graduated Early Childhood Development Practitioners, with their lecturer and mentor Dr Elsie Calitz (left) and Mr Mashilo Makatong, Manager: Sustainable Development at Kumba. They are (fltr) Cornia Visagie, Beauty Kaopaditihoha, Jessica Rolse, Sannah Modise, Shirley Kailane, Cynthia Mathe and Katriena Visagie.



### CONTRACT KM2013/1

#### TENDERS : ASSISTANCE WITH COMPILATION OF GRAP COMPLIANT FINANCIAL STATEMENTS FOR THE YEARS ENDED 2013 AND 2014 AND RESOLVING OF OUTSTANDING AUDIT ISSUES

Kgatelopele Municipality invites tenders for the implementation of section 122 of the Local Government Municipal Finance Management Act, Act No.56. of 2003, as well as assistance in resolving of outstanding audit issues. It will be expected of the successful bidder to compile a complete project plan that will address all critical phases linked with timeframes and responsibilities.

As it is the municipality's intention to obtain a clean audit report by the year 2014 prospective bidders need to indicate their availability and proposed skills transfers in project plan.

Tenders should provide for, but are not limited to, for the following:

- Compilation of financial statements for 2 years in compliance with relevant standards and legislation
- Assistance with amendments necessary on financial system and asset register
- Resolving of all outstanding audit issues before financial yearend 30 June 2013
- Assistance with answering and resolving of audit queries raised during audit of mentioned years

Documents may be collected during working hours 08:00 to 15:00 on Monday to Friday from the Municipal offices. **Tender documents and specifications are available from the Acting Chief Financial Officer: Mr MG Kotze, Telephone 053 384 8600, Telefax 053 384 0326, P O Box 43, Danielskuil, 8405. E-mail: cfo@kgatelopele.gov.za**

Sealed tenders clearly marked : CONTRACT KM2013/1 : " TENDERS : ASSISTANCE WITH COMPILATION OF GRAP COMPLIANT FINANCIAL STATEMENTS FOT THE YEARS ENDED 2013 AND 2014 AND RESOLVING OF OUTSTANDING AUDIT ISSUES " must reach the Acting Municipal Manager **before 12:00 on 31 May 2013 and will be opened at 14:00** in the Council Chambers of the Municipal Offices at Danielskuil.

An original tax clearance certificate, issued by the South African Revenue Services (SARS), must accompany the completed tender document. **If no tax clearance certificate is supplied, the tender will not be considered.**

Tenders that are late, or incomplete, will not be considered and the lowest, only, or any tenders, will not necessarily be accepted. Proposal by fax or e-mail will not be accepted.

MES TITUS - Acting Municipal Manager

### NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENSE, WATER USE LICENSE AND ATMOSPHERIC EMISSIONS LICENSE

ArcelorMittal  **COZA IRON ORE PROJECT** 

ArcelorMittal South Africa (Pty) Ltd (AMSA) is proposing the development of a new opencast iron ore mine in the Northern Cape Province. The COZA Iron Ore Project is a green-fields project that will comprise two separate pits located on the farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1), approximately 13km NNW of Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. At full development the COZA Iron Ore Project is expected to produce approximately 500 000tons of ore per annum with an anticipated Life of Mine of 10 years.

A number of environmental approvals will be required for the proposed development before commencement. A scoping and Environmental Impact Assessment process as stipulated in the 2010 EIA Regulations and MPRDA Regulations will be undertaken in support of the environmental approvals. Notice is hereby given in terms of the legislation listed below of the various environmental approvals required prior to the commencement of mining development:

Legislation	Listed Activities (preliminary)	Competent Authority and Application Reference
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Mining Right Application no listed activities	Department of Mineral Resources. Application to be submitted
National Environmental Management Act (Act No 3107 of 1998). (NEMA)	Government Notice GNR 544 Activities (1, 9, 10, 11, 12, 13, 18, 22, 41, 47), GNR 545 Activities 3, 5, 10, 15, 19, 26 GNR 546 Activity 14	Department of Environment and Nature Conservation: Ref: NC/EIA/04/SIY/TSA /POS/DRIE/2013 / NCP/EIA/000215/2013
National Water Act. (Act No 36 of 1998) (NWA)	Section 21 (a),(b), (c), (f), (g), (i) and (j)	Department of Water Affairs: Application to be submitted
National Environmental Management: Waste Act (Act No 59 of 2008) (NEMWA)	GRN 718 of NEM:WA Category A (1), (2), (4), (5), (18) and Category B (7) and (11)	Department of Environmental Affairs: Ref 12/9/11/L1235/8
National Environmental Management: Air Quality Act (Act No 39 of 2004) (NEMAQA)	GNR 248 Category 2 Subcategory 2.2	DENC: Application to be submitted





Please contact Synergistics for a detailed description of listed activities

Synergistics Environmental Services (Pty) Ltd has been appointed as independent environmental consultants responsible for undertaking the necessary environmental work and conducting the public participation process for the project. Should you wish to form part of the public participation process you can do so by either:

<p>Registering as an interested and affected party or by raising any issues or environmental concerns to Zama Khumalo:</p> <p>Tel: 011 326 4158 Fax: 011 326 4158                  Email: <a href="mailto:zama@synergistics.co.za">zama@synergistics.co.za</a>                  Post: P O Box 68221                  Bryanston                  2021  <b>All comments must reach us by 31 May 2013</b></p>	<p>You are invited to attend an information-sharing meeting:</p> <p>Venue: Town Hall, Postmasburg                  Date: 23 May 2013                  Time: 10:00 – 13:00  <b>Please RSVP by 17 May 2013</b></p>
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Table 1: Location of Site Notices Placed

Item	Description of the Location of Notice	Picture/Photo	
1	At the entrance to the proposed development site on farm Driehoekspan 435.		
2	On the junction of the R325 and the access road leading to farm Driehoekspan 435.		









Item	Description of the Location of Notice	Photos	
3	At the entrance to farm Doornpan 445 on the R325.		
4	On the community notice board at the Tsantsabane Municipality building in Postmasburg.		








Item	Description of the Location of Notice	Photos	
5	At the shop in Luhlatla Village, north of the study area just off the R325	 A photograph showing the exterior of a shop in Luhlatla Village. The building has a red corrugated metal roof and brick walls. Several people are gathered around the entrance, and a dog is visible in the foreground. The scene is outdoors with a clear sky.	 A photograph showing a person pointing at a notice posted on a wall. The notice is a white sheet of paper with text and a logo. The person is wearing a dark jacket and a head covering. The background is a brick wall.

Minutes of scoping meetings and attendance registers


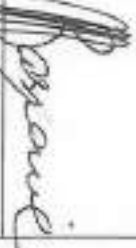
ATTENDANCE REGISTER

NAME AND SURNAME	AFFILIATION	TEL	FAX	E-MAIL	POSTAL ADDRESS	SIGNATURE
SHARONETTE HEINE		0735309321		Sharonette34@gmail.com	25. and Avenue Postdene Postmasburg 8420	
Issay - Jane Sparks	Kumba Iron Ore Kromm Mine	081 038 2368		issay.jane.sparks@anglicanmining.com	1420, Postmasburg 8420	
Mimi Swart	Rekoringbetriebe. Raad van Coenar lor.	083 292 2540	053.3131217	swartm5353@gmail.com	Box 777 Postmasburg 8420	
Chloe Williams		0710045781			2 Nelson Street Postkare Postmasburg 8420	C Williams
Brendon Lake	KATZ WASTE REMOVAL & CLEANUP SERVICE	0724862465			88-506 Coard Postkare Postmasburg 8420	
MFUNWANEKO NGXIT YANA		0789857350			P.O.Box 3590 KATHU 8446	
Imvoko MONTAPUWA	TEI projects	0729114365		montapulet@gmail.com	Box 128 Postden 8420	





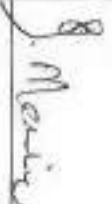


ATTENDANCE REGISTER

NAME AND SURNAME	AFFILIATION	TEL	FAX	E-MAIL	POSTAL ADDRESS	SIGNATURE
NIFFELBERG	Van de Wall adv.	083424491	086 2189761	neil@vanwall.co.za	P.O. Box 294 Kimberley 8300	
Albertus Dijkster	Tshiping WLA	0836495452		info@tshiping.co.za	Box 474 Postmasburg, 8120	
Cornelia Cornwall	Van de Wall & Vermeide	053 8899944	053 8302936	Cornelia@vanwall.co.za	Postbus 294 Kimberley 8300	
ALFRED REGGATHM	DEPT OF COGESTA	0834957596	0866236557	opregame@ncpg.gov.za	P/BAG X5005 KBV, 8300	
Bruce Barends	Roads & Pudoles	0732091011		Barends@ncpg.gov.za	P.O. Box 3132 KBV	
Wearn Roches		053 570 6904			5th Avenue I Residen	
Kenneth Williams		0786858- 596			16 Tjekorona Loop Poststen	




ATTENDANCE REGISTER

NAME AND SURNAME	AFFILIATION	TEL	FAX	E-MAIL	POSTAL ADDRESS	SIGNATURE
GRAIG KATZ	KATZ WASTE REMOVAL & CLEANING SVC	07205-8986		GRAIGER GREGORY.GRAIGER@GMAIL	D'JAKAZANDA STREET ROSTDENE POSTMASBURG	
Boniface Masiame	MASEMAME Community	0728304789	053-3131680 VKEBAMISA@GMAIL .com		P.O. BOX 688 Postmasburg	

ATTENDANCE REGISTER

NAME AND SURNAME	AFFILIATION	TEL	FAX	E-MAIL	POSTAL ADDRESS	SIGNATURE
Frank Mense		083 2353 280		Moesikarai@carstic.net	Buis 1444, Postmasburg	
Bojwelo		0139990447			26 JP Keionye Street, Buis 1444, Postmasburg	
Thumelung Mos		023 435 6582			28 J.P. Ketumiles Postmasburg	
Timly Mabe		0836426890			Postmasburg	
Thenz Masiane		-		<del>Postmasburg</del>	Postmasburg	
Rachisa Mavuti		0837348351			Postmasburg	
Ramona Jacobs	Yuth leader	0791149083		ramonajacobs@yuthos.com	4 Sekoncha Lane Postmasburg 8440	

ATTENDANCE REGISTER

NAME AND SURNAME	AFFILIATION	TEL	FAX	E-MAIL	POSTAL ADDRESS	SIGNATURE
ELIZABETH NEELS	Public	0742263219		elizabethneels@yohoo.com	<del>663</del> Box P.O. Box 663 Postmasburg 8920	
Dolene Stoffels	Public	0865006348		adolene@yohoo.com	P.O. Box 663 Postmasburg 8920	
Megoblene Van Myt	Public	0844077133		"	"	



# COZA IRON ORE PROJECT

## Public Information Sharing Meeting

23 May 2013

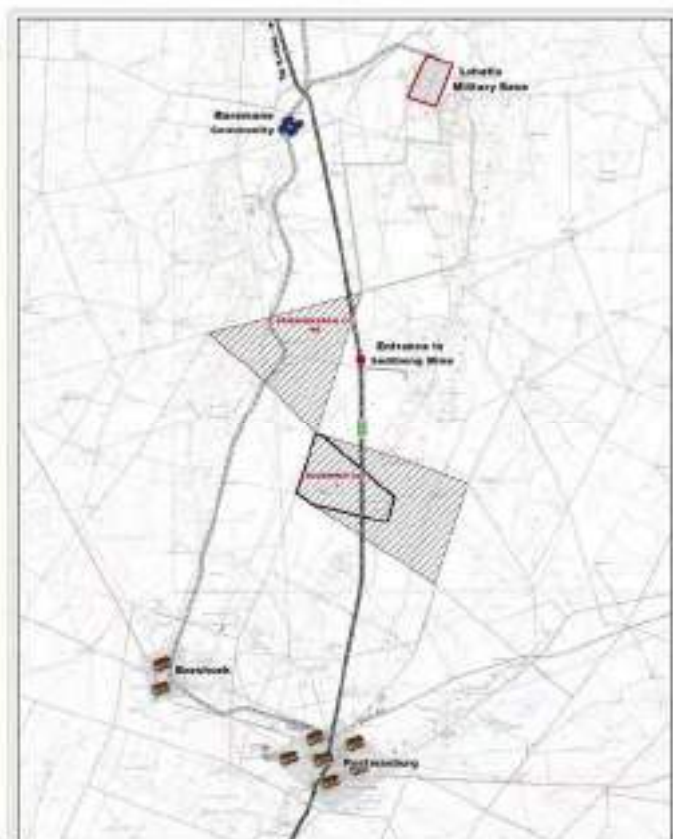


## Agenda

- Welcome and Introductions (Synergistics)
- Purpose (Synergistics)
- Project Introduction (COZA Mining)
- The Scoping & EIA Process (Synergistics)
  - Environmental Legislation
  - EIA Process
  - Public Participation Process
  - Proposed Specialist Studies
- Questions
- Way Forward



- **COZA Mining Pty Ltd**
  - Project Applicant
  - Contact Person: Tabi Kowet – Project Manager
  
- **Synergistics Environmental Services (Pty) Ltd**
  - Independent Environmental Practitioner
    - Environmental Impact Assessment
    - Public Participation Process
    - Contact Person: Zama Khumalo or Rudi de Jager
    - (011) 326 4158





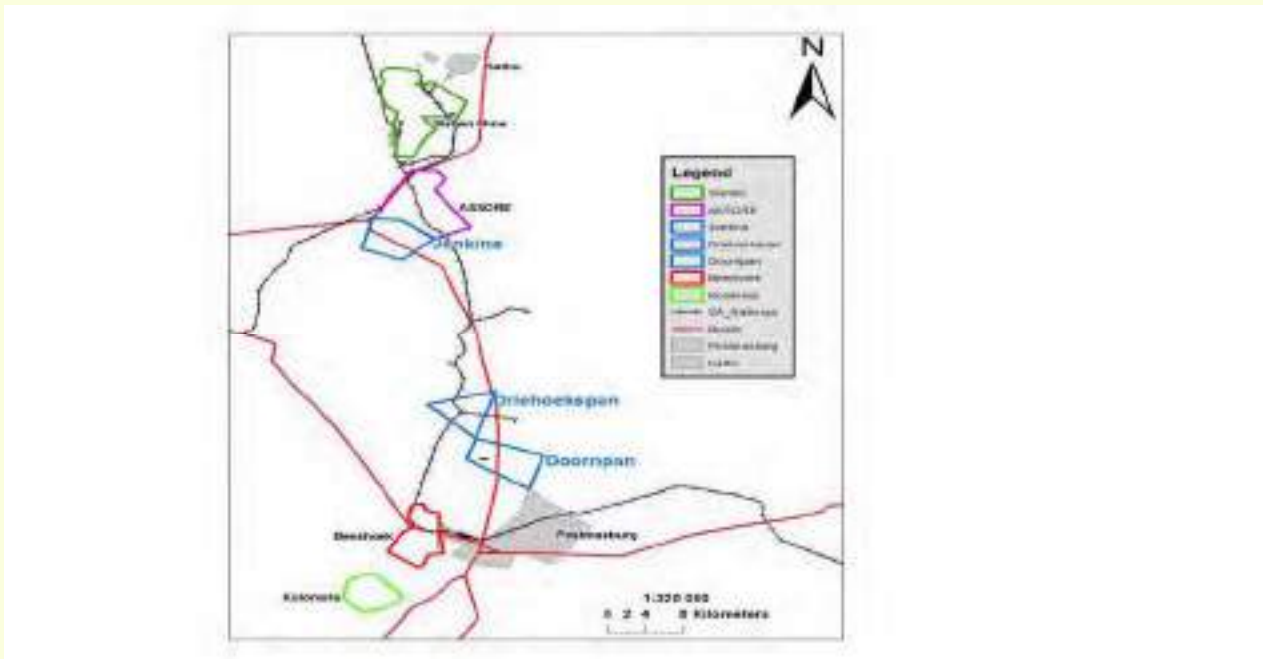
- To introduce COZA's proposed iron ore project to Interested and Affected Parties (IAPs).
- Describe the different environmental approvals required for the project.
- Explain the Environmental Impact Assessment (EIA) Process.
- Discuss opportunities for IAPs to be involved during the EIA.
- Identify public issues and concerns for consideration in the EIA.



Introducing the

# COZA Iron Ore Project

Tabi Kowet, COZA Mining (Pty) Limited



## COZA NORTHERN CAPE PROJECT

- A proposed truck & shovel opencast mine
- Involve mining iron ore from two pits on Farms
  - Driefhoekspan 445 (remaining extent)
  - Doornpan 445 (Portion 1)
- Exploration phase completed
- No safety incidents reported during exploration campaign
- Expected life of mine of 10-20 years
- Beneficiation expected to take place on property approx. 30 km NW of the proposed mine.
- Mining Right Application currently underway for Doornpan
- Concept Study to start soon

Exploration

Resource Estimation

Mine Design & Engineering

Feasibility Studies

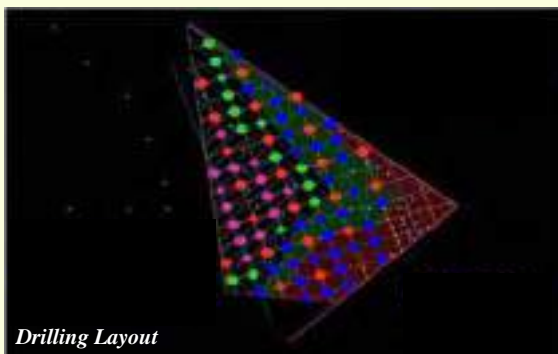
Construction & Establishment

- Geological investigations on rock mass behaviour
- Grade control design and management
- Structural interpretation
- Domain/facies definition
- Ore-body modelling
- Ore block optimization
- Sampling studies
- Prospecting right applications
- Exploration management



Synergistics

Working Together



Drilling Layout



DRILL RIG




RC Samples



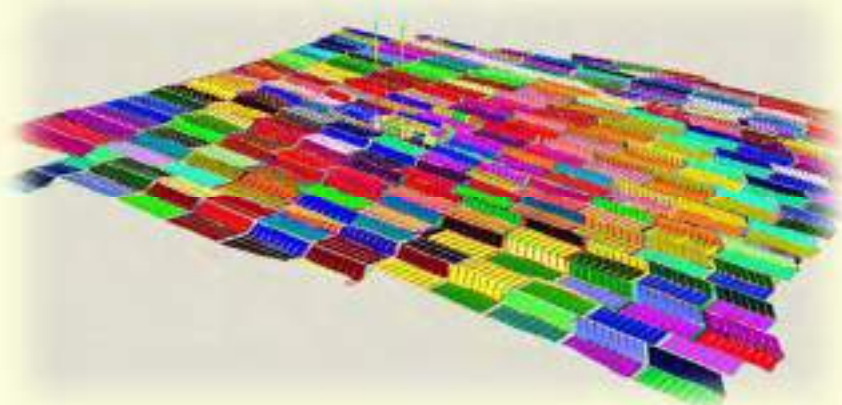
Core Samples

Synergistics

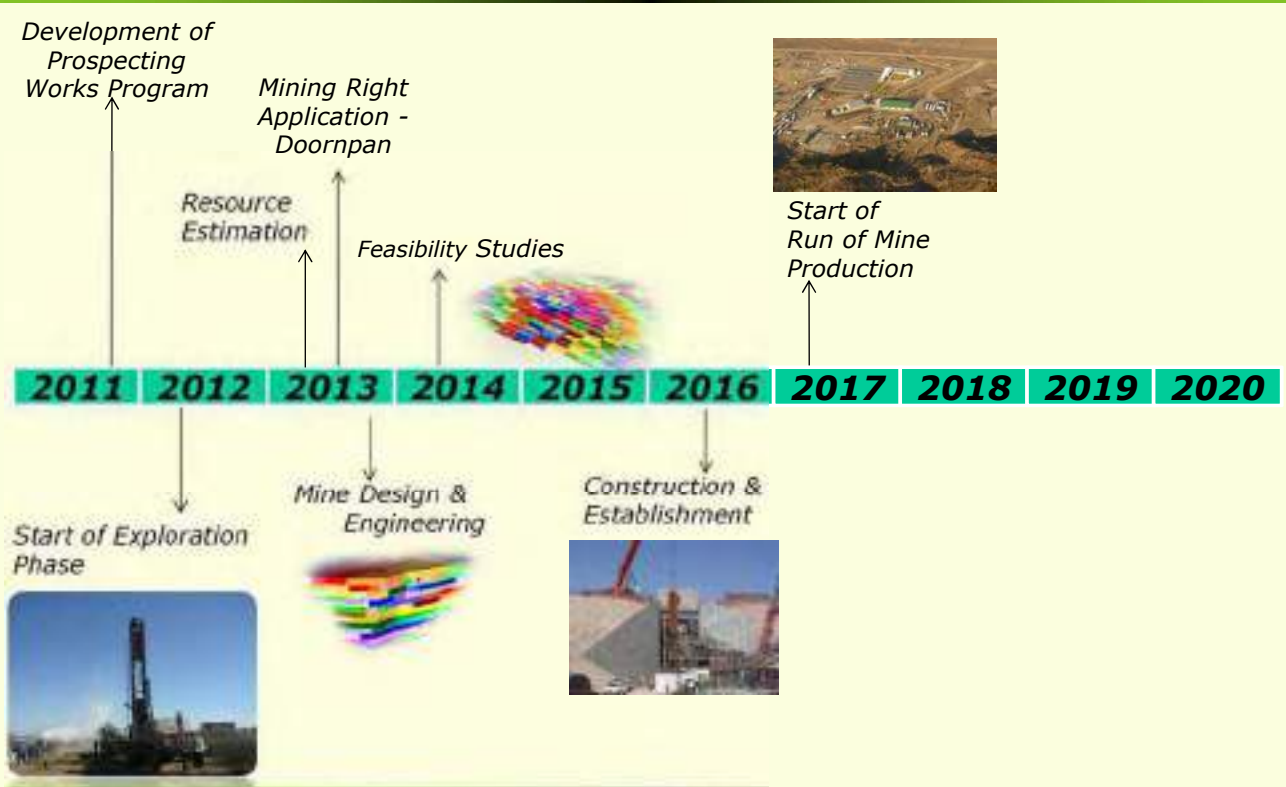
Working Together

- Geological and geostatistical modelling
- Ore resources and reconciliations
- Resource estimation
- Code compliance audits
  - SAMREC



**Synergistics** Working Together 77

*Development of Prospecting Works Program* (2011)

*Mining Right Application - Doornpan* (2013)

*Resource Estimation* (2013)

*Feasibility Studies* (2014)

*Start of Run of Mine Production* (2017)

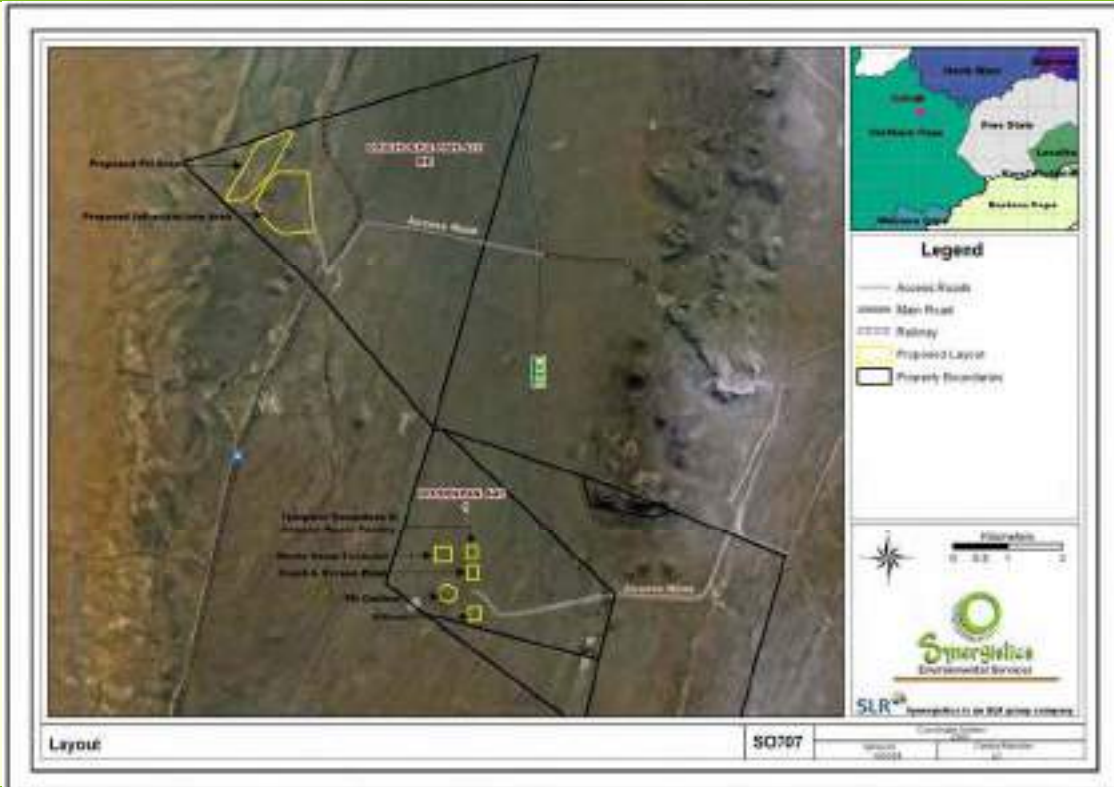
*Start of Exploration Phase* (2012)

*Mine Design & Engineering* (2013)

*Construction & Establishment* (2016)

**2011 2012 2013 2014 2015 2016 2017 2018 2019 2020**

**Synergistics** Working Together



Water Supply	<ul style="list-style-type: none"> <li>Water will be sourced from boreholes. Water requirements to be investigated</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>Diesel generators</li> </ul>
Access	<ul style="list-style-type: none"> <li>Existing R325 will be used to transport ore to another COZA owned property 30 km from proposed mine</li> </ul>
Workshop, offices and storage of dangerous goods	<ul style="list-style-type: none"> <li>Admin office, workshops for servicing trucks, wash bays, refuelling areas and explosive magazine and stores</li> </ul>
Waste Management	<ul style="list-style-type: none"> <li>Temporary storage of general and hazardous on site</li> <li>Final disposal at a permitted hazardous waste facility or municipal landfill</li> <li>On site sewage treatment facility</li> </ul>
Housing and Accommodation	<ul style="list-style-type: none"> <li>Temporary construction village at the mine</li> <li>Accommodation within existing towns during operation</li> </ul>
Security	<ul style="list-style-type: none"> <li>Security fence with access control</li> </ul>
Employment	<ul style="list-style-type: none"> <li>Number of employment opportunities to be determined after concept phase.</li> </ul>

## Scoping and EIA Process

# For the COZA Iron Ore Project

Zama Khumalo, Synergistics Environmental Services

## Environmental Approvals

### MINERALS AND PETROLEUM RESOURCES DEVELOPMENT ACT (No 28 of 2002) (MPRDA)

Application for a Mining Right in terms of Section 22

Northern Cape Department of Mineral Resources

### NATIONAL ENVIRONMENTAL MANAGEMENT ACT (No 107 of 1998) (NEMA)

Application for activities associated with mining listed in Regulation 544-546 of the 2010 EIA Regulations

Northern Cape Department of Environment and Nature Conservation (Ref: NC/EIA/04/SIY/TSA/POS/DRIE/2013)

### NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT (No 59 of 2008) (NEM:WA)

Application for Waste Management Licence

National Department of Environmental Affairs (Ref: 12/9/11/L1235/8)

### COZA IRON ORE PROJECT

### NATIONAL WATER ACT (No 36 of 1998) (NWA)

Integrated Water Use Licence

Department of Water Affairs







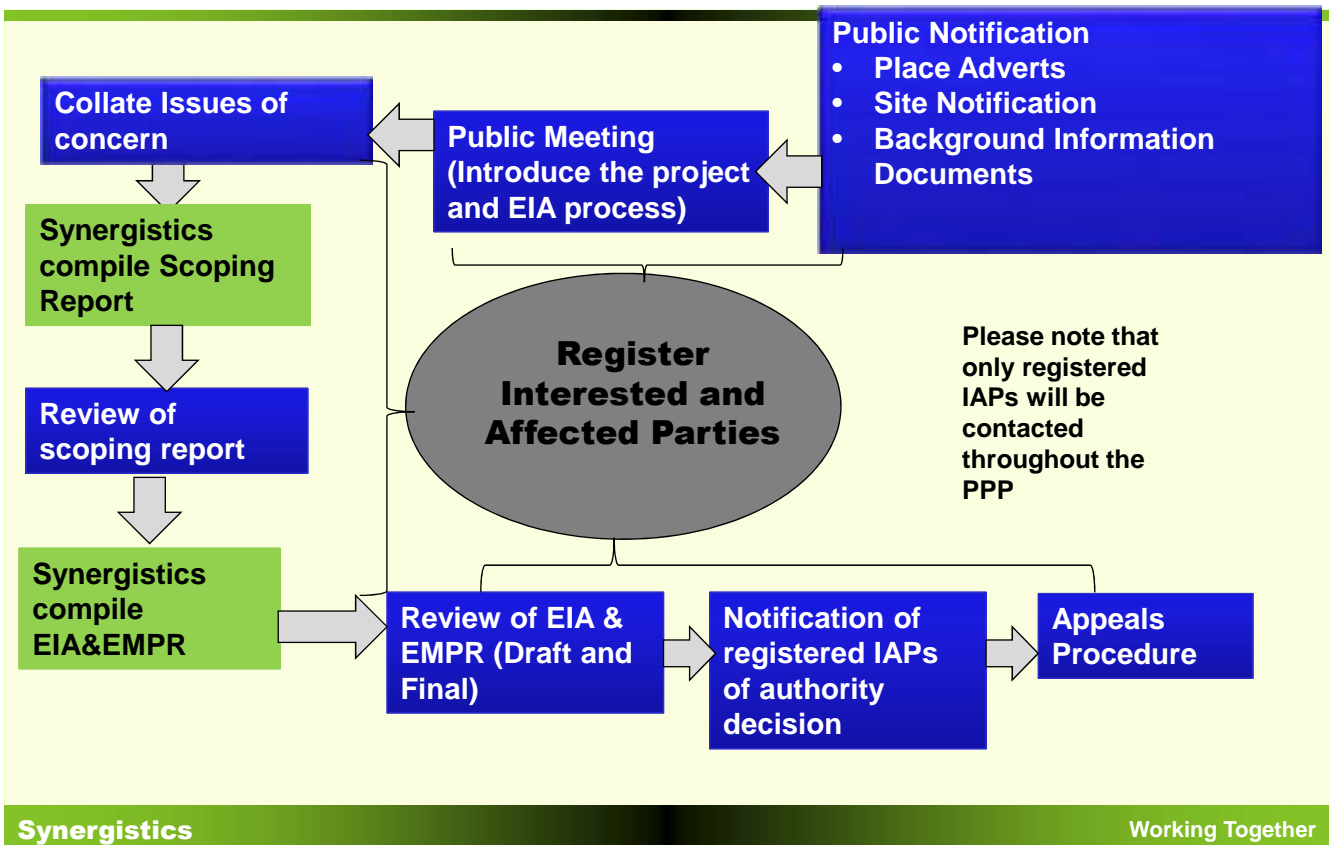
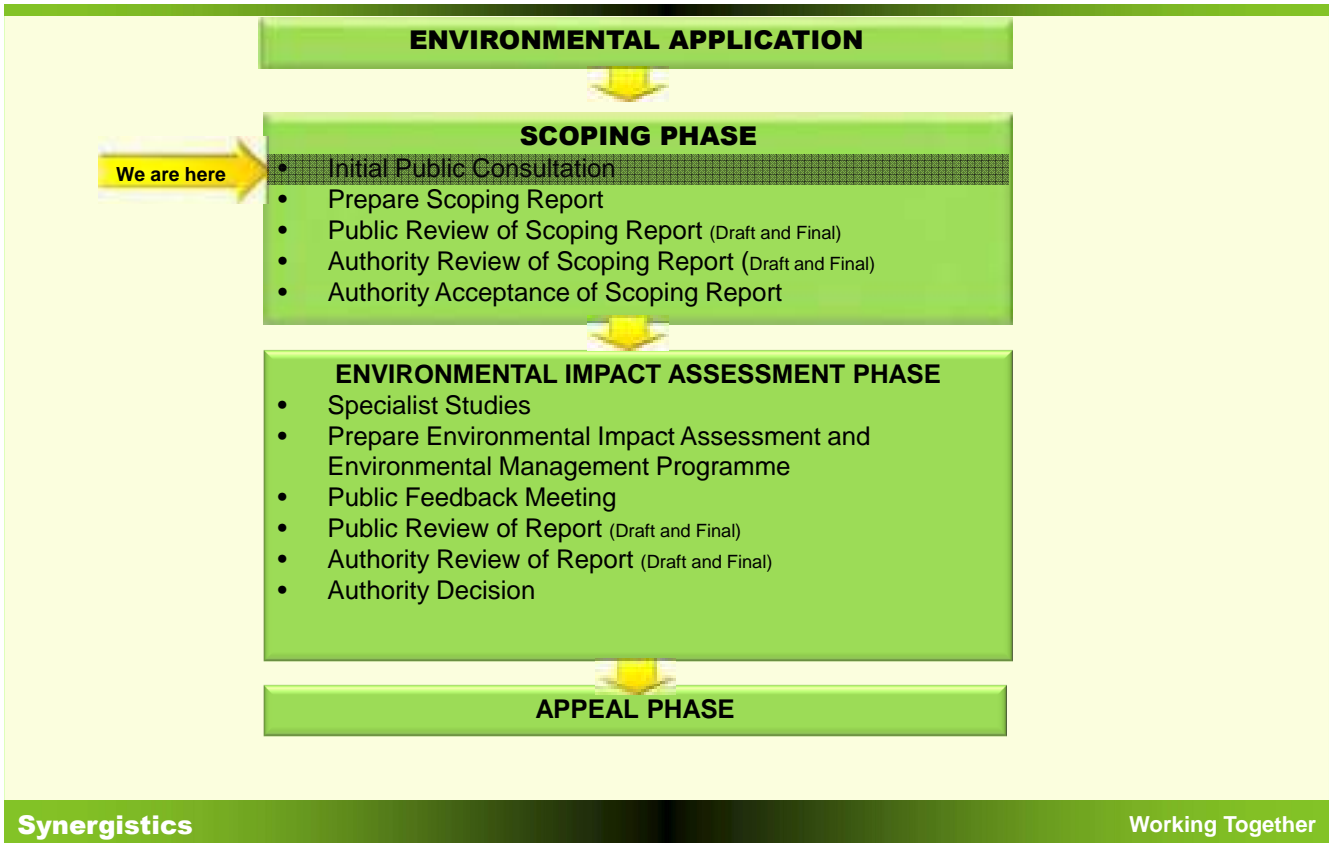
## Activities requiring environmental authorisation under NEMA

- Clearance of vegetation to allow mining
  - Construction of haul roads
  - Electricity generation at the mine
  - Storage of fuel and explosives magazine
  - Water storage and related distribution infrastructure
  - Disturbance of watercourses (pans and drainage lines)
  - Facilities that may result in the generation or release of emissions or pollution
- 
- **Activities requiring a waste management licence in terms of NEM:WA**
    - Temporary storage of hazardous and general waste
    - Sewage treatment plant

# Activities Requiring Approval



- **Activities requiring a water use licence under NWA**
  - Extraction of groundwater from boreholes
  - Storage of water
  - Disturbance of watercourses
  - Discharging water into a water resource
  - Disposal of waste in a manner which may detrimentally impact on a water resource
  - Dewatering of mine pits (if required)
  
- **National Environmental Management: Air Quality Act (No 39 of 2004)**
  - Potential for a requirement for an Atmospheric Emissions Licence should the fuel stored at the mine reach quantities requiring a licence.





Area of Investigation	Brief Terms of Reference
Groundwater	<ul style="list-style-type: none"> <li>• Determine the cone of depression</li> <li>• Establish potential for groundwater pollution</li> <li>• Identify management/mitigation measures</li> </ul>
Surface Water	<ul style="list-style-type: none"> <li>• Develop storm water management plan</li> <li>• Develop environmental water balance</li> <li>• Identify management/mitigation measures</li> </ul>
Air quality	<ul style="list-style-type: none"> <li>• Determine impacts to ambient air quality</li> <li>• Identify management/mitigation measures</li> </ul>
Ecology (Fauna and Flora)	<ul style="list-style-type: none"> <li>• Identify vegetation and animals of conservation importance</li> <li>• Identify sensitive ecological habitats</li> <li>• Determine ecological impacts</li> <li>• Identify management/mitigation measures</li> </ul>
Soils and Land Capabilities	<ul style="list-style-type: none"> <li>• Determine impacts to soils and land capabilities</li> <li>• Determine final land use for the mine</li> </ul>



Area of Investigation	Brief Terms of Reference
Heritage	<ul style="list-style-type: none"> <li>• Identify areas of heritage importance</li> <li>• Determine impacts on heritage resources</li> <li>• Identify management/mitigation measures</li> </ul>
Traffic	<ul style="list-style-type: none"> <li>• Determine impacts to the R325 as a result of traffic from the mine</li> <li>• Identify management/mitigation measures</li> </ul>
Visual	<ul style="list-style-type: none"> <li>• Determine sensitive receptors</li> <li>• Identify management/mitigation measures</li> </ul>
Socio-Economics	<ul style="list-style-type: none"> <li>• Determine economic impacts of mining vs agriculture</li> <li>• Determine social impacts on surrounding communities</li> <li>• Identify management/mitigation measures</li> </ul>



**Questions and issues raised by the public will be documented in the EIA reports and investigated where required.**

**Please complete and hand in the comment sheet if you have any questions or environmental concerns**



- Should you have any queries, please contact **Zama Khumalo or Rudi de Jager** on:

Tel: 011 326 4158

Fax: 011 326 4118

Postal Address: PO Box 68821, Bryanston, 2021

Email: [zama@synergistics.co.za](mailto:zama@synergistics.co.za) or [rudi@synergistics.co.za](mailto:rudi@synergistics.co.za)

- Circulate minutes of the meeting to attendees
- Collate public issues and concerns for incorporation in the Scoping Report (**31 May 2013**)
- Make Draft Scoping Report available for public review (**June 2013**)
- Submit Final Scoping Report to authorities for acceptance (**July 2013**)
- Continue with specialist investigations

# Thank you!

## **COZA IRON ORE PROJECT**

### **MINUTES OF PUBLIC INFORMATION SHARING MEETING (SCOPING PHASE)**

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

**KwaZulu-Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

Date: 23 May 2013

Time: 13H00

Venue: Maremane Community Town Hall,

#### **PRESENT:**

<b>Name</b>		<b>Abbreviation</b>	<b>Affiliation</b>	<b>Contact Details</b>
K.	Ashmeal	KA	Maremane Community	072 894 5040
Lesley	Momhi	LM	Maremane Community	079 254 7354
M	Motwakisi	MM	Maremane Community	082 753 7042
T.B	Brannuseane	TBB	Maremane Community	072 803 1883
T.D	Khope	TDK	Maremane Community	073 424 4313
M.	Jakonynie	MJ	Maremane Community	079 845 8167
D.	Basti	DB	Maremane Community	072 504 1251
	Dakes	D	Maremane Community	072 110 6270
K	Phillimon	KP	Maremane Community	084 687 2306
Ephram	Marile	EM	Maremane Community	072 600 0167
Ipelerg	Magobery	IM	Maremane Community	079 738 1463
Petronella	Blom	PB	Maremane Community	079 403 3464
Nicolus	Kaiona	NK	Maremane Community	072 830 5803
B.C	Bogosi	BCB	Maremane Community	071 559 0936
K.W	Bashi	KWB	Maremane Community	076 592 4280
Cornelia	Dibe	CD	Maremane Community	076 73 53748
Ms	Othashitse	O	Maremane Community	076 642 8776
Winnie	Sibanda	WS	Maremane Community	073 577 9324
Olebile	Radieta	OS	Maremane Community	076 979 8783
Kuku	Rooioadjie	KR	Maremane Community	079 759 0357
Piet	Lekgari	PL	Maremane Community	
Cornelia	Blom	CB	Maremane Community	
K	Bogooi	KB	Maremane Community	079 144 4391
Mogomotsi	Selkaneng	MS	Maremane Community	071 1314 90
Iponeng	August	IA	Maremane Community	060 429 2907
Martha	Motise	MM	Maremane Community	071 979 5017
Florah		F	Maremane Community	
Julia		J	Maremane Community	076 292 6577
Ms	Mamonyenyane	M	Maremane Community	076 292 577
Kediemke	Mogabeng	KM	Maremane Community	083 588 5570
Marie	Dithokoe	MD	Maremane Community	076 699 8274

K	kobese	KK	Maremane Community	079 935 3148
Mathapelo	Kgotlaekae	MK	Maremane Community	076 346 6498
L	Segokotlo	LS	Maremane Community	083 5023 484
Lebogang	Kunere	LK	Maremane Community	076 327 8305
Virginia	Magabeng	VM	Maremane Community	079 029 0553
Makse	Magabeng	MM	Maremane Community	078 243 3982
Motshegare	Advice	MA	Maremane Community	073 159 8856
Maphefo	Magabeng	MM	Maremane Community	073 654 8611
Fanny	Tobela	FT	Maremane Community	(072) 004 4027
Ephraim	Sibanda	ES	Maremane Community	
Moshimane	Kanepo	MK	Maremane Community	078 557 6717
Hilda	Sibanda	HS	Maremane Community	071 979 5017
<b><u>Project Team</u></b>				
Zama	Khumalo	ZK	Synergistics	011 326 4158
Tabi	Kowet	TK	COZA Mining (Project Manager)	011 722 8641
Roelof	Letter	RL	Synergistics	<u>011 326 4158</u>

## Attendance register is attached as Appendix A

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### 1. INTRODUCTION

Meeting started at 13h:00

- 1.1 The minutes provide a record of questions asked and answers given during the question and discussion session, held after the presentation, at the public consultation meeting (Scoping Phase) for the proposed COZA Iron Ore Project. The meeting was attended by members of the Maremane Community.
- 1.2 The meeting was recorded with a Sony Handycam in order to ensure an accurate record of the discussions.
- 1.3 Posters were prepared for the presentation which are attached as **Appendix B**

### 2. PURPOSE OF MEETING

- 2.1 This meeting forms part of the Public Participation Process (PPP) for the Scoping and Environmental Impact Assessment (EIA) being undertaken by Synergistics Environmental Services (Pty) Ltd for the COZA Iron Ore Project. This meeting was the first public information sharing meeting which forms part of the PPP for the COZA Iron Ore Project EIA process.
- 2.2 The aims of the meeting were to:
  - Introduce COZA's proposed iron ore project to Interested and Affected Parties (IAPs)
  - Describe the different environmental approvals required for the project
  - Explain the EIA Process
  - Discuss opportunities for IAPs to be involved during the EIA
  - Identify public issues and concerns for consideration in the EIA

### **3. WELCOME AND INTRODUCTION**

3.1 Ms Hilda Sibanda opened and welcomed all the attendees to the meeting.

### **4. PROJECT INTRODUCTION**

4.1 Refer to attached Poster 1

4.2 ES requested the name of the project manager

ZK indicated that the project manager is Mr Tabi Kowet.

### **5. PROJECT LOCATION**

5.1 Refer to attached Poster 2.

5.2 The COZA Iron Ore project is located in the Tsantsabane Local Municipality approximately 10 km north-northwest of Postmasburg Town on Farms Driehoekspan RE and Portion 1 of Doornpan.

### **6. MINE PLAN AND MINE REQUIREMENTS**

Refer to attached Poster 3 and 4

6.1 ZK explained the mine plan and infrastructure requirements for the project. ZK explained that the information presented during this meeting was also presented at the Postmasburg meeting.

6.2 M explained that Maremane Community only comprises of people currently residing in Maremane (Lohatla Village) and those residing in Laxey, Pepsi and Postmasburg are not part of the community and shouldn't be included in the EIA process.

ZK explained that the Postmasburg meeting was held to cater for a different audience which will be affected by the project including the municipality, surrounding farmers and mines. She indicated that during the consultation with the municipality, it was indicated that the Maremane Community would not be able to attend the Postmasburg meeting due to long distances.

6.3 Members of the Maremane Community expressed that the councillor should not be consulted on behalf of the community. It was requested that any information pertaining to the COZA Iron Ore project should be communicated directly to the community.

ZK indicated that the ward councillor was consulted as the first point of entry to the community. She indicated that if the ward councillor will not be used as a central person for consultation with the community, a community representative will be required to assist with setting up meetings and notifying members of the community that have not registered as IAPs.

### **7. ENVIRONMENTAL AUTHORISATIONS**

Refer to attached Poster 5

7.1 ZK explained the different requirements for environmental approval of the COZA project.

7.2 HS indicated that she is reluctant to believe the information provided by the environmental consultant. She indicated that the community was previously consulted



by independent consultants for the Sedibeng Mine however they were not notified when the mine started. She suggested that the community was wary that the same would occur with the COZA project.

ZK explained that as consultants they are bound by law to notify IAPs of authority decision in terms of the National Environmental Management Act (No 107 of 1998) (NEMA) as such the Maremane community will be notified via post or sms. She indicated that members of the community will be kept informed of progress throughout the EIA process. She explained that the Public Participation Process (PPP) allows for the involvement of communities.

**7.3** HS queried if COZA has submitted their mining right application. She also queried why the application to the Northern Department of Environment and Nature Conservation was submitted before consultation with communities.

ZK replied that the mining right will be submitted at the end of June 2013. She indicated the NEMA application was submitted as it was required by law. She advised that the application serves to notify the Department of the intention to commence with the EIA process.

## **8. ENVIRONMENTAL INVESTIGATIONS**

Refer to poster 7

**8.1** No discussions were held or questions asked pertinent to the proposed investigations.

## **9. PUBLIC CONSULTATION AND WAY FORWARD**

Refer to Poster 8.

**9.1** ES queried if COZA Mining has a mining licence.

ZK indicated that COZA does not have a mining right but have a prospecting right. She indicated that the current EIA process is undertaken to apply for a mining right.

**9.2** The size of the area that will be affected by the project was questioned.

ZK explained that the preliminary mine plan shows an area of approx. 150 ha for Doornpan and 175 ha for Driehoekspan.

**9.3** ES questioned whether the people from the Maremane Community would benefit in terms of employment if the processing will be undertaken elsewhere. He indicated that he believes processing creates more employment opportunities than mining.

ZK explained that the resource at Driehoekspan and Doornpan does not warrant the location of a processing plant within the mine areas. She indicated that there is another area of interest for COZA that may have sufficient resource to support a processing plant.

TK indicated that in terms of job opportunities, COZA's Social and Labour Plan (SLP) would have to consider the people at the three mining areas i.e. Driehoekspan, Doornpan and the other area of interest.

**9.4** ES requested an organogram for the COZA Mining

TK indicated that it is still a new company and an organogram is not yet available. ZK indicated that the community should liaise with Synergistics and the project manager Mr Tabi Kowet.

- 9.5** LK queried if there would be a survey of the resource before mining commences.  
ZK explained that prospecting activities have already been undertaken for the project and the project team is currently at the resource estimation process.
- 9.6** LK enquired what income was received from prospecting and where was the money spent.
- 9.7** TK indicated that there is no money obtained from prospecting.
- 9.8** LK asked what would be done for the community once they start to mine and they gain profit. He indicated that the community needs to get an idea of what benefits they will receive from the project.  
TK answered that they have not received any money during the prospecting activities. A SLP is currently being developed as part of the mining right application. The community will be consulted on community development projects that will form part of the SLP. Because the SLP is currently in the process of being developed, COZA is not as yet in a position to communicate the community benefits. He indicated that this information will be communicated once their SLP has been finalised.
- 9.9** MK indicated that COZA started with prospecting activities and the community did not get any income for use of land. He indicated that the community is fearful that once COZA is granted a mining right, there will be no benefits for the community.  
TK indicated the SLP is still being drafted. This document will present the plans for community involvement. These will be communicated with the community once the plans have been drafted.
- 9.10** MK requested that the community must be consulted when preparing the SLP. They request that the SLP consultants must interact with the community  
TK answered that the SLP is being drafted and he believes that there has been some interactions with the community. He indicated that he will confirm if there has been any interactions and establish who was consulted when drafting the SLP and provide response.
- 9.11** MK indicated that they are sceptical that Synergistics will return to meet with the community.  
ZK indicated that there will be a feedback meeting, where Synergistics presents the findings of the EIA. She indicated that the community would also be notified of the availability of the environment reports for review as well as the authority decisions.
- 9.12** It was indicated that in the locality map shown in the Background Information Document (BID) did not include Maremane Community. The main concern was that that Maremane Community is not considered in the EIA process.  
ZK replied that they were not aware of the community when the BID was drafted, however as a result of subsequent site visits and consultations the existence of the Maremane community became apparent. She indicated that registered IAPs will be notified of the progress of the EIA process and requested that everyone should complete the attendance register.
- 9.13** M questioned if the people from Postmasburg signed the register.

ZK responded that the register was signed.

**9.14**M indicated that the people from Postmasburg should not be consulted.

ZK indicated it is a requirement of the law to consult with all potential IAPs

**9.15**ZK questioned who will be the correct community representative that will be responsible for the signing of documentation and mobilising the community for feedback meetings.

The community responded that it was the Community Property Association (CPA). They indicated that Mr More Matsididi is recognised as the leader for the Maremane Community.

**9.16**ZK requested that the community supply the list with the members of the CPA

The community requested that even though the CPA will be consulted, the community must also be consulted. This was agreed.

**9.17**The meeting was closed with the community deciding to have a separate meeting to discuss the community's internal issues.

## **10. WAY FORWARD AND CLOSURE**

**10.1**ZK indicated that the minutes of the meeting would be circulated and that the Draft Scoping Report was going to be compiled and would be available for public review. She indicated that the community will be notified of any scheduled feedback meetings.

**PLEASE SUBMIT COMMENTS OR CORRECTIONS TO THE MINUTES BEFORE 31 JULY 2013 TO:**

**Rudi de Jager** at Synergistics Environmental Services (Pty) Ltd

Fax: 011 326 4118

Email: rdejager@slrconsulting.com

Postal: PO Box 1822, Rivonia, 2128, RSA

Minuted by: Zama Khumalo

Reviewed by: Kerry Fairley

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**APPENDIX A**

**ATTENDANCE REGISTER**

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**APPENDIX B**

**MEETING POSTERS**

## **COZA IRON ORE PROJECT**

### **MINUTES OF PUBLIC INFORMATION SHARING MEETING(SCOPING PHASE)**

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

**KwaZulu-Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

Date: 23 May 2013

Time: 10h00

Venue: Postmasburg Town Hall,  
Postmasburg, Northern Cape

#### **PRESENT:**

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>	<b>Contact Details</b>
N. Pferreira	NP	Van de Wall Aatl	<a href="mailto:neil@vanwall.co.za">neil@vanwall.co.za</a>
Cornelia Cornwall	CC	Van der Wall & Vennote	<a href="mailto:cornelia@vanwall.co.za">cornelia@vanwall.co.za</a>
Alfred Pegram	AP	Dept of COGHSTA	<a href="mailto:apegram@ncpg.gov.za">apegram@ncpg.gov.za</a>
Burt Barends	BB	Roads for Public works	<a href="mailto:bbarends@ncpg.gov.za">bbarends@ncpg.gov.za</a>
Lean Rades	LR		083 592 6904
VannessaWilliams	VW		078 685 8590
Graig Katz	GK	Katz Waste Removal & Cleaning Services	<a href="mailto:gregorygrraig101@gmail.com">gregorygrraig101@gmail.com</a>
Boniface Masiane	BM	Maremane Community	<a href="mailto:ykepadisa@gmail.com">ykepadisa@gmail.com</a>
F Van Der Merwe	FVDM		<a href="mailto:Mooindraa@lantic.net">Mooindraa@lantic.net</a>
Boitumelo	B		073 998 0447
Itumelang Moss	IM		073 435 6332
Timy Meare	TM		082 642 0680
Irene Maiane	IMa		
Patricia Metuti	PM		082 734 8237
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Magdalene van Wyk	MVW	Public	<a href="mailto:adalene@yahoo.com">adalene@yahoo.com</a>
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Mimi Swart	MS	Belasting	<a href="mailto:swani5353@gmail.com">swani5353@gmail.com</a>
Glodine Williams	GW		071 024 5781
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Mfumaneko Ngxityana	MN		078 985 7250
Tumelo Monnapund	TM	TET Projects	<a href="mailto:monnapulat@gmail.com">monnapulat@gmail.com</a>
<b><u>Project Team</u></b>			
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Directors: KC Fairley & B Stobart  
Synergistics Environmental Services (Pty) Ltd  
Registered No. 2003/030216/07



Synergistics is a SLR group company

## Attendance register is attached as Appendix A

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### 1. INTRODUCTION

Meeting started at 10h:00

- 1.1 The minutes provide a record of questions asked and answers given during the question and discussion session, held after the presentation, at the public consultation meeting (Scoping Phase) for the proposed COZA Iron Ore Project. The meeting was attended by Interested and Affected Parties (IAPs) including authorities from various Government Departments and persons from the surrounding communities.
- 1.2 The meeting was recorded with a Sony Handycam in order to ensure an accurate record of the discussions.
- 1.3 The Power Point presentation presented at the meeting is attached as **Appendix B**

### 2. PURPOSE OF MEETING

- 2.1 This meeting forms part of the Public Participation Process (PPP) for the Scoping and Environmental Impact Assessment (EIA) currently being undertaken by Synergistics Environmental Services (Pty) Ltd for the COZA Iron Ore Project, of COZA Mining (Pty) Ltd. This meeting was the first public information sharing meeting which forms part of the PPP for the COZA Iron Ore Project EIA.
- 2.2 The aims of the meeting were to:
  - Introduce COZA's proposed iron ore project to IAPs
  - Describe the different environmental approvals required for the project
  - Explain the EIA Process
  - Discuss opportunities for IAPs to be involved during the EIA
  - Identify public issues and concerns for consideration in the EIA

### **3. PROJECT LOCATION**

**3.1** The COZA Iron Ore project is located in the Tsantsabane Local Municipality approximately 10 km north-northwest of Postmasburg Town on Farms Driehoekspan RE and Portion 1 of Doornpan. (Refer to attached presentation slide 4).

### **4. PROJECT OVERVIEW**

**4.1** Refer to attached presentation (slide 8 - 14)

### **5. EIA PROCESS AND ENVIRONMENTAL AUTHORISATIONS**

**5.1** Refer to attached presentation (slide 15 - 20)

### **6. SPECIALIST INVESTIGATIONS**

**6.1** Refer to attached presentation (slide 21 – 22)

### **7. PUBLIC CONSULTATION AND WAY FORWARD**

**7.1** Refer to attached presentation (slide 23 – 25)

### **8. DISCUSSION**

Dialogue recorded during the question and discussion session is given below.

**8.1** IJS enquired on the mines production rate.

TK replied that the project is still in the concept phase and the resource estimation is still being undertaken. He estimated that production rate for the complete project which includes the Jenkins, Driehoekspan and Doornpan reserves will be approximately 1 – 2 million tons per annum.

**Post meeting note: The production rates for Driehoekspan and Doornpan will be 500 000 tons per annum**

**8.2** IJS questioned if there is a possibility for further expansion and whether COZA are engaged in exploration work.

TK responded that there are opportunities for further development and that COZA have a good indication of where the resources are. TK indicated that they only focusing on the three properties which include Driehoekspan, Doornpan and Jenkins (Please note that Jenkins does not form part of this assessment).

**8.3** IJS queried who the applicant was as the presentation indicated COZA Mining as the applicant however in the Background Information Document (BID) states that ArcelorMittal is the applicant

**8.4** ZK indicated that ArcelorMittal is a minority shareholder in the COZA Iron Ore Project and COZA Mining is the project applicant.

**8.5** BM asked if any people from the communities will be required to assist with specialist studies in terms of providing labour.

ZK replied that specialist studies are undertaken by qualified specialists who go to site to gather data. They are usually only there for approximately 1 day. The specialist work does not require labour as they do the work themselves. As such, specialist studies do not provide opportunities to the people from the community in terms of labour.



- 8.6** BM said that the meeting was not appropriately marketed to the Maremane Community.  
ZK replied that the community had been identified as a key stakeholder during the distribution of BIDs. Synergistics also consulted Mpho, the ward councillor, and Joseph, who are representatives of the Maremane community. The Maremane community said they knew of the Postmasburg meeting but it was too far for them to attend, thus another meeting had been organised for them at the Maremane Community Hall.
- 8.7** BM asked if the Department of Rural Development and Land Reform (RDLR) had been consulted as they were key in the Maremane Community land claim process. ZK responded that the Department had been notified of the project and had received the BID. They will be kept informed throughout the process.
- 8.8** BM Indicated that there are people that are not in the Maremane Community area but who at a later stage will be relocated to the land and will be affected by this development. He asked how these people would be accommodated.  
ZK indicated that it would be appreciated if the community would advise Synergistics of the various community leaders that should be registered in the IAP database. The identified representatives will be informed of the project developments and they should report back to the other members of the Maremane Community.  
**Post meeting note: It would be appreciated if the community would advise Synergistics on how best to involve communities.**
- 8.9** BM raised the issue that some of the people from the Maremane Community are currently residing in Kuruman, Laxey, Pepsi and Postmasburg area and this meeting and the project is very far from most, as such the people will not know what is happening. He then asked if the meetings can happen at Kuruman.  
ZK indicated that it would not be appropriate to have meetings with people located far from the project site as the EIA will focus on those communities which are most likely to be directly impacted by the project. People from Kuruman are not excluded from participating if they so wish. It would be ideal to have leaders of the various communities present at the scheduled meetings.
- 8.10** AVdW mentioned that the deeds office has details of the ownership for the farms where the project is proposed and these deeds indicate that the ownership of the farms lies with the Maremane Property Owners Association. There is currently a written access agreement between COZA and Maremane Community. Subsequent to the agreement, COZA learnt that there is a disagreement between members of the association. AVdW asked them to get together and resolve the community issues as the mining company can't resolve internal issues. COZA want to accommodate the community as far as possible but cannot dictate to the community what to do, the community needs to decide who the leaders are and the mine would like to co-operate with those identified people.
- 8.11** BM said the other members of the Maremane Community that are currently residing outside of Lohatla Village are being identified now so that they can be consulted to

avoid conflict at a later stage. He indicated that he feels that these people are being excluded and advised that there are other ways to inform the people that can be considered.

ZK indicated that areas where other members of the Maremane Community reside are too far for the directly affected people from Maremane to travel. She added that these people will not be directly affected by the project. The ideal solution would be for the leaders of the other areas to come to the Maremane (Lohatla) meetings and give feedback to the rest of the Maremane people residing outside of Lohatla.

- 8.12** MS raised a concern regarding the prominence of mining in the area and the many problems that are not being appropriately dealt with especially dust and impacts on groundwater. She raised a concern regarding the potential cumulative impacts of the mining in the area.

ZK indicated that the impacts that this study will have on the area will be assessed in the context of what the project will add to the current baseline condition which includes existing impacts. Groundwater and air related impacts will be addressed in the EIA. ZK further suggested that in order to understand cumulative impacts, it should be proposed that a strategic plan put in place for the management of development in the area to. This should be a government led initiative including mines and the community.

- 8.13** IM also queried whether the municipality was consulted.

ZK responded that invitations were sent to the Municipal Mayor, Manager and Environmental Manager as well as the local Economic Development Officer. The ward councillor, who was also consulted, responded and requested Synergistics to also hold a meeting with the Maremane community.

- 8.14** IM questioned how the project and future mining will benefit community.

TK replied that A Social and Labour Plan will be developed for the mine which will identify local economic development projects that will benefit the host community. TK answered that COZA will have to show that the community will benefit from the project before they are granted their mining right.

- 8.15** AP asked about how far the project will be from Portion 3 of the Farm 445.

ZK said she would get back to him and email him the response to his query.

**Post meeting note:** The mining area will be approximately 3 km from Portion 3 of the Farm 445.

- 8.16** BM questioned why mining had not been planned for all areas where prospecting rights had been issued.

TK responded that COZA were granted prospecting rights for various farms but only plan to mine on the Portion 1 of Doornpan and Remaining Extent of Driehoekspan at this stage.

## **9. WAY FORWARD AND CLOSURE**

- 9.1** ZK indicated that the minutes of the meeting would be circulated and the Draft Scoping Report was going to be compiled. The Scoping Report will be available for

public review. ZK also indicated that the registered IAPs would be invited to any future meetings held for the project

The meeting closed at 11h10.

**PLEASE SUBMIT COMMENTS OR CORRECTIONS TO THE MINUTES BEFORE 30 JULY 2013 TO:**

**Rudi de Jager** at Synergistics Environmental Services (Pty) Ltd

Fax: 011 326 4118

Email: [rudi@synergistics.co.za](mailto:rudi@synergistics.co.za)

Postal: PO Box 1822, Rivonia, 2128, RSA

Minutes drafted by: Chiara D'Egidio

Reviewed by: Zama Khumalo

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**APPENDIX A**

**ATTENDANCE REGISTER**

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**APPENDIX B**

**MEETING PRESENTATION**

## IAP Database



Ms	Raisebe	Sekepane	NC Department of Mineral Resources	<a href="mailto:raisbe.sekepane@dmr.gov.za">raisbe.sekepane@dmr.gov.za</a>	(053) 830 0827	(053) 807 1700	(082) 441 5992	Private Bag X6093	Kimberley	8300	65 Phakamile Mabija Street, Perm Building, Kimberley	8300
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<b>LOCAL AUTHORITIES</b>												
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	Gilbert	Lategan	Tsantsabane Local Municipality (Municipal Manager)	<a href="mailto:gil@siyanda.gov.za">gil@siyanda.gov.za</a>	(053) 313 1602							
	Mathapelo	Mathetsa	Tsantsabane Local municipality (LED)	<a href="mailto:led@tsantsabane.gov.za">led@tsantsabane.gov.za</a>	(053) 313 7300							
	Librarian		Tsantsabane Local Library								13 Springbok Street, Postmasburg	
	Julius	Theys	Tsantsabane Local Municipality (Env Manager)	<a href="mailto:jircomserv@tsantsabane.gov.za">jircomserv@tsantsabane.gov.za</a>	(053) 313 7300	(053) 313 1602						
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	Mpho	Mashila	Ward Councillor				(078) 297 1771	P.O. Box 339	Postmasburg	8420	13 Springbok Street, Postmasburg	8420
	Obakeng	Goronyane	Ward Councillor	<a href="mailto:goronyane@gmail.com">goronyane@gmail.com</a>		(053) 313 7300	(073) 088 9074	P.O. Box 5	Postmasburg	8420	13 Springbok Street, Postmasburg	8420
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Mr	Moses	Singo	Sedibeng Mine (SHEQ Manager)		(078) 277 8959 or (083) 792 6243							
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	Alfred	Pegram	Dept of Coghsta	<a href="mailto:apegram@ncpp.gov.za">apegram@ncpp.gov.za</a>	086 623 6557		083695 7596	P/Bag X5005	Kimberley	8300		
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	Vannessa	Williams					078 6858 590	16 Jakarandalaan	Postdene	8420		
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	Bonface	Mxiane	Maremane Community	<a href="mailto:bkepsdtsa@gmail.com">bkepsdtsa@gmail.com</a>	(053) 313-0120		072 830 4739	PO Box 688	Postmasburg			
	Boifunlelo						073 9980 447	26 JP Ketumile Street	Postmasburg			
	Itumelang	Moss					082 642 0680	23 JP Ketumile Street	Postmasburg			
	Timy	Meare					082 642 0680					
	Irene	Maiane										
	Patricia	Metuti					082 734 8237					
	Rohena	Jacobs	Youth Leader	<a href="mailto:henarohena2000@yahoo.com">henarohena2000@yahoo.com</a>			0791469083	14 Jakarandalaan	Postdene	8420		
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	Dalena	Stoffels	Public	<a href="mailto:adalene@yahoo.com">adalene@yahoo.com</a>			084 500 6348	PO Box 662	Postmasburg	8420		
	Magdalene	van Wyk	Public	<a href="mailto:adalene@yahoo.com">adalene@yahoo.com</a>			084 407 7133	PO Box 662	Postmasburg	8420		

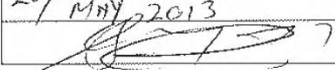


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	M	Motwakisi				082 753 7042	PO Box 756	Postmasburg	8420		
	T.B	Brannuseane				072 803 1883	PO Box 756	Postmasburg	8420		
	T.D	Khobe				073 424 4313	PO Box 756	Postmasburg	8420		
	M.	Jakonyie				079 845 8167	PO Box 756	Postmasburg	8420		
	D.	Basti				072 504 1251	PO Box 756	Postmasburg	8420		
		Dakes				072 110 6270	PO Box 756	Postmasburg	8420		
		Sunnyboy				073 907 1574	PO Box 756	Postmasburg	8420		
	K	Phillimon				084 487 2306	PO Box 756	Postmasburg	8420		
	Ephram	Marlie				072 600 0167	PO Box 756	Postmasburg	8420		
	Ipelerg	Magobery				079 738 1463	PO Box 756	Postmasburg	8420		
	Petronella	Blom				079 403 3464	PO Box 756	Postmasburg	8420		
	Nicolus	Kaiona				072 830 5803	PO Box 756	Postmasburg	8420		
	F.B	Jobela				072 714 4027	PO Box 756	Postmasburg	8420		
	B.C	Bogosi				071 559 0936	PO Box 756	Postmasburg	8420		
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	Cornelia	Dibe				076 73 53748					
		Othashise				076 642 8776					
	Winnie	Sibanda				073 577 9324					
	Olebile	Radieta				076 979 8783					
	Kuku	Rooloadjie				079 759 0357					
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	Cornelia	Blom									
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	Mogomotsi	Selkaneng	Maremane Community			071 1314 90					
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	Florah		Maremane Community								
	Julia		Maremane Community			076 292 6577					
		Mamoryenyane	Maremane Community			076 292 577					
	Kedimae	Magabeng	Maremane Community			083 588 5570					
	kedibonye	Magabeng	Maremane Community			071 566 4536					
	Marie	Dithokoe	Maremane Community			076 699 8274					
	S	Magabeng	Maremane Community								
	K	Hobese	Maremane Community			079 935 3148					
	Mathapelo	Kgotlakae	Maremane Community			076 346 6488					
	L	Segokotlo	Maremane Community			083 5023 484					
	Lebogang	Kunere	Maremane Community			076 327 8305					
	Virginia	Magabeng	Maremane Community			079 029 0553					
	Makse	Magabeng	Maremane Community			078 243 3982					
	Motshagare	Advise	Maremane Community			073 159 8856					
	Maghelo	Magabeng	Maremane Community			073 654 8611					
	Shaunette	Heyns				073 820 9221	25, 2nd Avenue	Postdene			
	Islay Jane	Sparks	Kumba Iron Ore Kolomela Mine			081 038 2368	PO Box 1420	Postmasburg			
	Mimi	Swart	Belasting		053 313 1217	081 292 2540	PO BOX 777	Postmasburg			
	Glodine	Williams				071 024 5781	2 Makva Street	Postdene			
	Brenden	Katz	Katz Waste Removal & Cleaning			072 494 2445					
	Mfumaneko	Nqxyana				078 985 7250					
	Turnelo	Monnapund	TET Projects			072 911 4365	PO Box 128	Postdene	8420		
	Fanny	Tobela	Maremane Community			(072) 004 4027					
	Ben	Bosch	Driehoekspan Resident			(072) 719 7104					
	Peter	Bathoadi	Driehoekspan Resident			(071) 349 4837					
	Anna-Marie	Esterhuizen	Transnet Housing Resident								
	Mr	Albertus	Viljoen	CEO Tshping Water Users Association		info@tshping.co.za					
	Mr	Aoam	Wahl	CSO Assmang Beeshoek		adamw@assmang.co.za	P O Box 434	Postmasburg	8420		
		Gladys	Kuruti	Maremane Community			PO Box 875	Postmasburg	8420		
		Jonny	Medupi	Maremane Community							

## Correspondence to and from IAPS

# 1. CORRESPONDENCE FROM IAPS

## 1.1 RETURNED PUBLIC INPUT SHEETS

PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT	
Name:	S. E. FIFF
Address:	P.O. Box <del>17</del> 17308 BAINSBURY 9338
Telephone/cell phone:	051 408 2565 / 083 284 3619
Fax:	051 408 2018
* E-mail:	SAM.FIFF@TRANSNET-NET
Date:	20 <sup>th</sup> MAY 2013
Signature:	

\* Please indicate your preferred method of receiving information.  
 If you know of others who should also be informed of the project, please provide us with their contact details:

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	

If you have any direct business, financial, personal or other interests in the approval or refusal of the application, please disclose these:
NONE.

ISSUES, CONCERNS AND QUESTIONS (use additional pages if required) All initial comments must reach us by 31 May 2013 to be considered in the process.
INTERESTED & AFFECTED PARTY

RETURN COMPLETED SHEET TO:  
 Zama Khumalo  
 Synergistics Environmental Services (Pty) Ltd  
 Fax: (011) 326-4118  
 E-mail: zama@synergistics.co.za  
 Post: P.O. Box 68821, Bryanston, 2021, South Africa



**BLAD VIR OPENBARE INSETTE OOR COZA-YSTERERTSPROJEK**

Naam:	Alretha Erasmus
Adres:	Posbus 327 Postmasburg 8420
Telefoon/selfoon:	053-313 1101 / 083 232 0927
Faks:	086 623 3641
E-pos:	* jimboosalretha@gmail.com
Datum:	27 Mei 2013
Handtekening:	Alretha

\* Dui asseblief wat u voorkeur is om inligting te ontvang. - E-pos  
Indien u van ander weet wat ook van hierdie projek in kennis gestel moet word, voorsien ons asseblief van hulle kontakbesonderhede:

Naam:	
Adres:	
Telefoon/selfoon:	
Faks:	
E-pos:	

Indien u enige direkte sake-, finansiële, persoonlike of ander belange in die goedkeuring of weiering van die aansoek het, maak dit asseblief bekend:

--

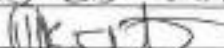
<b>KWESSIES, KWELLINGE EN VRAE</b> (gebruik bykomende bladsye indien nodig) Alle aanvanklike kommentare moet ons teen <b>31 Mei 2013</b> bereik om vir die proses oorweeg te word.

STUUR INGEVULDE BLAD NA:

Zama Khumalo  
Synergistics Environmental Services (Pty) Ltd  
Faks: (011) 326-4118  
E-pos: zama@synergistics.co.za  
Pos: Posbus 68821, Bryanston, 2021, Suid-Afrika



BLAD VIR OPENBARE INSETTE OOR COZA-YSTERERTSPROJEK

Naam:	GRAIG KATE
Adres:	10 JAKARANDA STREET PEKIDENE
Telefoon/selfoon:	07345 80846
Faks:	
E-pos:	GREGORIE.XGRAIG101.GMAIL
Datum:	23-05-2013
Handtekening:	

\* Dui asseblief wat u voorkeur is om inligting te ontvang.  
 Indien u van ander weet wat ook van hierdie projek in kennis gestel moet word, voorsien ons asseblief van hulle kontakbesonderhede:

Naam:	
Adres:	
Telefoon/selfoon:	
Faks:	
E-pos:	

Indien u enige direkte sake-, finansiële, persoonlike of ander belange in die goedkeuring of weiering van die aansoek het, maak dit asseblief bekend:

--

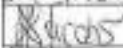
**KWESSIES, KWELLINGE EN VRAE** (gebruik bykomende bladsye indien nodig)  
 Alle aanvanklike kommentare moet ons teen **31 Mei 2013** bereik om vir die proses oorweeg te word.

- HOW WILL THE COMMUNITY WILL BENEFIT
→ IN TERMS OF EMPLOYEMENT
→ HOW WILL YOU BE ABLE TO DECREAS THE MIGHT UNEMPLOYEMENT THAT THE CURRENT BIG MINING PROJECTS CAN DECREAS.

STUUR INGEVULDE BLAD NA:  
 Zama Khumalo  
 Synergistics Environmental Services (Pty) Ltd  
 Faks: (011) 326-4118  
 E-pos: zama@synergistics.co.za  
 Pos: Posbus 68821, Bryanston, 2021, Suid-Afrika



**PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT**

Name:	Renea Jacobs
Address:	14 Jaboranda laan Rosmasburg Paedone 2620
Telephone/cell phone:	0791469083
Fax:	-
E-mail:	reneajacobs2000@yahoo.com
Date:	23 May 2013
Signature:	

\* Please indicate your preferred method of receiving information.

If you know of others who should also be informed of the project, please provide us with their contact details:

Name:	Francis Jacobs
Address:	14 Jaboranda laan Rosmasburg Paedone 2620
Telephone/cell phone:	082348312
Fax:	-
E-mail:	Francisjacobs@1983@gmail.com

If you have any direct business, financial, personal or other interests in the approval or refusal of the application, please disclose these:

ISSUES, CONCERNS AND QUESTIONS (use additional pages if required)
All initial comments must reach us by 31 May 2013 to be considered in the process.
keep us up to date with everything
What does the community gets out of
this

RETURN COMPLETED SHEET TO:

Zama Khumalo  
 Synergistics Environmental Services (Pty) Ltd  
 Fax: (011) 326-4118  
 E-mail: zama@synergistics.co.za  
 Post: P.O. Box 68821, Bryanston, 2021, South Africa



## 1.2 EMAIL CORRESPONDENCE FROM IAPS

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**From:** Tumisang Tagane <ttagane@afribits.co.za>  
**Sent:** 22 May 2013 09:34 PM  
**To:** zama@synergistics.co.za  
**Subject:** COZA Iron Ore Project

Hi Zama  
I would like to be registered as IAP. Please keep me posted.

Regards  
Tumisang Tagane  
Tel : +27 79 874 0504  
Fax : +27 86 616 5343  
Email : [info@afribits.co.za](mailto:info@afribits.co.za)  
Web: <http://www.afribits.co.za>  


---

**From:** Basil Louw - Transnet Freight Rail JHB <Basil.Louw@transnet.net>  
**Sent:** 13 May 2013 10:37 AM  
**To:** Kabelo Monchusi - Transnet Freight Rail JHB  
**Cc:** zama@synergistics.co.za; Vincent Matabane - Transnet Freight Rail JHB; Neo Mosebo - Transnet Freight Rail JHB  
**Subject:** COZA Iron Ore Project: Background Information Document  
**Attachments:** Background Information Document English.pdf

Hi Kabelo

Can you facilitate this matter with Vincent to register as an interested and affected party.

You should also share this information with TFR / Transnet planning in order to establish the impact thereof on the existing Hotazel/ Postmasburg line.

Kind regards

Basil

---

**From:** Alretha Erasmus <jimbosalretha@gmail.com>  
**Sent:** 27 May 2013 06:29 PM  
**To:** zama@synergistics.co.za  
**Subject:** Coza Ysterertsprojek  
**Attachments:** MFP\_130527175332.pdf

Hallo, ontvang asb aangehegte vorm. Mooi dag verder.

**ALRETHA ERASMUS**  
**SEKRETARESSE**

Tel: 053-313 1333  
Sel: 083 232 0927  
Faks: 086 623 3641  
E-Pos: [jimbosalretha@gmail.com](mailto:jimbosalretha@gmail.com)

**POSTMASBURG LANDBOU UNIE**

Geaffilieer by :



**Voorsitter :** Jim Bredenkamp Tel : 053-313 1333 Sel : 083 679 7333 e-pos: [jim@jimbo.co.za](mailto:jim@jimbo.co.za)  
**Vise-Voorsitter:** Charl Viljoen Tel: 053-313 1231 Sel: 082 371 4737 e-pos: [cfviljoen3@gmail.com](mailto:cfviljoen3@gmail.com)

Posbus 327  
Postmasburg  
8420

---

**From:** Brandon <adamsbrandon49@gmail.com>  
**Sent:** 05 June 2013 09:07 PM  
**To:** zama@synergistics.co.za  
**Subject:** COZA-Iron Ore Mine Mine Project

**Importance:** High  
**Sensitivity:** Private

Hi Zama,

I would like to register as an interested and effected party and my objection purely relate to the following issues:

1 – **Environmental Impact** – pollution will affect all the communities around your operations and what remedies is available to alleviate this

2 – **Local Small Business Assistance** –When projects of this magnitude is undertake, the locals are generally excluded to participate in the development and wealth of their minerals mined. Lack of excess to this wealth creation opportunity is hampered by **“red tape” rules and regulations**, that make it impossible to participate and once the investors are making their riches, they vanish and left the local residents high & dry.

I believe an information session was held on the **23<sup>rd</sup> May 2013**, however no prior notice were given to interested and effected parties concern as this should have been communicated in the local newspaper ( The Ghaap ,Diamond Field Advertiser -DFA) unless I am mistaken.

May I please request to received the background information document in English, as the one that was distributed was only in Afrikaans and only up until page 6.

Thanking you in advance,

Kind Regards.

**Brandon W Adams**

Home Nr : (053) 313-3172

Mobile Nr : 083 485 8551

E-Mail : [adamsbrandon49@gmail.com](mailto:adamsbrandon49@gmail.com)



**Rudolf De Jager**

---

**From:** Sam Fiff Transnet Freight Rail BLM <Sam.Fiff@transnet.net>  
**Sent:** 20 May 2013 11:24 AM  
**To:** Lesiba Ramatladi Transnet Freight Rail ELS; Johnny Jantjies Transnet Freight Rail KBY  
**Cc:** zama@synergistics.co.za; Zama Khumalo  
**Subject:** FW: COZA Iron Ore Project: Background Information Document  
**Attachments:** Background Information Document English.pdf; Attached Image (27.6 KB)

Dear Zama Khumalo

Please find attached registration as an IAP.

Lesiba/Johnny

Any comments, concerns you may channel through me for consolidation and submission to Synergistic.

Regards

SAM

**Rudolf De Jager**

---

**From:** JacolineMa <JacolineMa@daff.gov.za>  
**Sent:** 15 May 2013 03:37 PM  
**To:** Zama Khumalo  
**Subject:** RE: Notification of COZA Iron Ore Project: Background Information Document  
**Attachments:** F13-11-2-202.pdf

Dear Ms. Khumalo

Attached please find comments from the Department of Forestry on the Background Information Document.

Kind Regards, Jacoline Mans  
Tel 054 338 5909

## 1.3 COMMENTS RECEIVED FROM DAFF



Directorate: Forestry Management (Other Regions)  
P.O. Box 2782, Uptington, 8900, Tel 054 338 5909, Fax 054 334 0030

Enquiries: J Mars  
E-mail: [JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)  
Date: 15 May 2013  
Ref: F13/11/2/202

Synergistics Environmental Services (Pty) Ltd  
P.O. Box 68821  
Bryanston  
2021

ATTENTION: Ms. Zama Khumalo ([zama@synergistics.co.za](mailto:zama@synergistics.co.za))

### COMMENTS ON BACKGROUND INFORMATION DOCUMENT FOR THE PROPOSED COZA IRON ORE PROJECT, POSTMASBURG, NORTHERN CAPE

#### 1. DEPARTMENTAL MANDATE

- 1.1 The Branch: Forestry in the Department of Agriculture, Forestry and Fisheries (DAFF) is mainly concerned about the potential impact on protected tree species. See the National Forests Act, Act 84 of 1998 (NFA) as amended, section 12(1)(d) read with s15(1) and s62(2)(c). The list of protected tree species was published in GN 716 of 7 September 2012. **No protected tree may be cut, destroyed or disturbed without a license.**
- 1.2 The DAFF is also responsible for administration of the National Veld and Forest Fires Act, Act 101 of 1998 (NVFFA) as amended. Please take note of roles and responsibilities in terms of the NVFFA.

#### 2. COMMENTS ON BACKGROUND INFORMATION DOCUMENT (BID)

- 2.1 The Background Information Document (BID) stated that the affected areas of the proposed open pit iron ore mine and associated infrastructure will be approximately 25 hectares on the farm Doornpan and 80 ha on the farm Driekhoekspan. Since vegetation clearance will be required, you may need a Forest Act License (from DAFF) and a Flora Permit (from Nature Conservation).
- 2.2 The BID listed the most important environmental legislation applicable to the project. The Northern Cape Nature Conservation Act, Act 9 of 2009 (NCNCA) should also be consulted.
- 2.3 Kindly supply this office with copies of the relevant documentation for comments, especially the specialist biodiversity / ecological assessment and EMPR (once available). Please note this office cannot download such documentation from the internet and it should be provided on a C.D. or in a hardcopy format.
- 2.4 Please ensure that the anticipated impacts on protected trees are assessed and try to design the mine in such a manner as to minimize the impact (if any) on such slow growing tree species. Where impacts cannot be avoided, appropriate mitigation may be required.

Yours truly,

Jacoline Mars *J. Mars*  
Chief Forester: NFA Regulation



## 2. CORRESPONDENCE TO IAPS

### 2.1 NOTIFICATIONS

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**From:** Zama Khumalo [mailto:[zama@synergistics.co.za](mailto:zama@synergistics.co.za)]  
**Sent:** 10 May 2013 03:04 PM  
**To:** JacquelineMa  
**Subject:** Notification of COZA Iron Ore Project: Background Information Document

Dear Ms Mans,

ArcelorMittal South Africa (Pty) Ltd is intending to submit mining right applications for the COZA Iron Ore Project. The COZA Iron Ore Project will involve the mining of iron ore from two pits located on Farm Driehoekspan 435 (Remaining Extent) and Farm Doornpan 445 (Portion 1). The proposed site is located approximately 10 km NNW of Postmasburg in the Tsatsabane Local Municipality of the Northern Cape Province.

You are hereby notified that the following environmental application will be submitted for the proposed project:

- Mining Right Application in terms of Section 22 of the Minerals and Petroleum Resources Development Act (No 28 of 2002)
- National Environmental Management Act (No. 107 of 1998) for activities listed under the Environmental Impact Assessment (EIA) Regulations.
- National Environmental Management: Waste Act (No. 59 of 2008) for activities listed under Schedule 1 (Section 19) of Regulation 718 (3 July 2003).
- National Environmental Management: Air Quality Act (No. 39 of 2004) for activities listed under the Government Notice 248 of 31 March 2010.
- National Water Act (No. 36 of 1998) for various water uses.

Synergistics Environmental Services has been appointed as independent environmental practitioners responsible for undertaking the Scoping & Environmental Impact Assessment in support of the various environmental applications. Please find attached the Background Information Document that provides further details of the COZA Iron Ore Project.

#### **INVITATION TO MEETING**

We would like to invite you to an information sharing meeting where additional project information will be discussed. The details of the meeting are as follows:

Venue: Postmasburg Town Hall

Time: 10h00-13h00

Date: 23 May 2013

Please RSVP before 17 May 2013. Should you have any queries please feel free to contact me.

Kind Regards

**Zama Khumalo**

Senior Environmental Scientist  
BA Geography

---

**From:** Zama Khumalo [mailto:[zama@synergistics.co.za](mailto:zama@synergistics.co.za)]  
**Sent:** 10 May 2013 02:56 PM  
**To:** Basil Louw Transnet Freight Rail JHB  
**Subject:** COZA Iron Ore Project: Background Information Document

Dear Mr Louw,

ArcelorMittal South Africa (Pty) Ltd is intending to submit mining right applications for the COZA Iron Ore Project. The COZA Iron Ore Project will involve the mining of iron ore from two pits located on Farm Driehoekspan 435 (Remaining Extent) and Farm Doornpan 445 (Portion 1). The proposed site is located approximately 10 km NNW of Postmasburg in the Tsatsabane Local Municipality of the Northern Cape Province.

You are hereby notified that the following environmental application will be submitted for the proposed project:

- Mining Right Application in terms of Section 22 of the Minerals and Petroleum Resources Development Act (No 28 of 2002)
- National Environmental Management Act (No. 107 of 1998) for activities listed under the Environmental Impact Assessment (EIA) Regulations.
- National Environmental Management: Waste Act (No. 59 of 2008) for activities listed under Schedule 1 (Section 19) of Regulation 718 (3 July 2003).
- National Environmental Management: Air Quality Act (No. 39 of 2004) for activities listed under the Government Notice 248 of 31 March 2010.
- National Water Act (No. 36 of 1998) for various water uses.

Synergistics Environmental Services has been appointed as independent environmental practitioners responsible for undertaking the Scoping & Environmental Impact Assessment in support of the various environmental applications. Please find attached the Background Information Document that provides further details of the COZA Iron Ore Project.

#### **INVITATION TO MEETING**

We would like to invite you to an information sharing meeting where additional project information will be discussed. The details of the meeting are as follows:

Venue: Postmasburg Town Hall

Time: 10h00-13h00

Date: 23 May 2013

Please RSVP before 17 May 2013. Should you have any queries please feel free to contact me.

Kind Regards

**Zama Khumalo**

## 2.2 LETTERS OF RESPONSE TO IAP COMMENTS



Date: 2013-06-25

Your Ref:

Our Ref: S0707

**Attention: Mr Brandon Adams**  
**Email; adamsbrandon49@gmail.com**

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

**KwaZulu-Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

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### COZA IRON ORE PROJECT RESPONSE TO ISSUES AND CONCERNS RAISED

Dear Mr Adams

#### 1. INTRODUCTION

Synergistics would like to thank you for your response to the Background Information Document (BID) emailed on 5 June 2013. This letter serves as response to comments raised, comments raised by yourself are in red and Synergistics responses are given below the comment.

#### 2. COMMENTS AND RESPONSE

1. I would like to register as an interested and effected party

You have been registered as an Interested and Affected Party (IAP) for the COZA Iron Ore Project. As a registered IAP you will be updated on the progress of the EIA for the COZA Iron Ore Project.

2. My objection purely relate to the following issues **Environmental Impact – pollution will affect all the communities around your operations and what remedies is available to alleviate this**

An Environmental Impact Assessment (EIA) for the COZA Iron Ore Project will be undertaken to identify the projects environmental and socio-economic impacts and identify management and mitigation measures for identified impacts. As part of the first phase of the EIA process, Synergistics has prepared a Scoping Report which provides a preliminary list of potential environmental and social impacts. The plan of study providing information on the specialist investigations to be undertaken as part of the study is also included in the Scoping Report. The Scoping Report will be circulated to IAPs for review at the end of June 2013. As a registered IAP, you will be notified of the availability of the report.

3. **Local Small Business Assistance** –When projects of this magnitude is undertake, the locals are generally excluded to participate in the development and wealth of their minerals mined. Lack of excess to this wealth creation opportunity is hampered by “**red tape” rules and regulations**, that make it impossible to participate and once the investors are making their riches, they vanish and left the local residents high & dry.

COZA are fully committed to implementing development plans and projects that will facilitate local community and rural development as part of their Social and Labour Plan (SLP). However, the project is still in its initial stages and COZA are still formulating their SLP. At this stage no specific information can be provided on the different community development initiatives that will be implemented by COZA. As part of the Environmental Impact Assessment for the COZA Iron Ore Project however, a social impact assessment will be conducted which will provide information on the benefits the project is likely to have for local communities. This information will be made available in the Environmental Impact Report, a draft version of which will be made available for public review by early November 2013.

4. I believe an information session was held on the 23rd May 2013, however no prior notice were given to interested and effected parties concern as this should have been communicated in the local newspaper ((The Ghaap ,Diamond Field Advertiser -DFA) unless I am mistaken.

The information sharing meeting was advertised in the Kalahari Bulletin and Kathu Gazette. These newspapers circulate in the study area and its surrounds.

5. May I please request to receive the background information document in English, as the one that was distributed was only in Afrikaans and only up until page 6.

The BID has been emailed to you. Please note that although the BID indicates that comments must be submitted by 30 may 2013, you can still submit your issues of concern throughout the EIA process.

### 3. **CONSLUSION**

Thank you for submitting your comments on the BID, your comments have been incorporated in the Draft Scoping Report which will be circulated to the Interested and Affected Parties prior to submission to the Department of Mineral Resources and the DENC.

Yours sincerely,



**Zama Khumalo**

BA (Geography)

**Environmental Assessment Practitioner**

**Synergistics Environmental Services (now SLR Consulting (Africa) (Pty) Ltd)**



Date: 2013-06-25  
Your Ref:  
Our Ref: S0707

**Attention: Ms Jacoline Mans**  
**Department of Agriculture, Forestry & Fisheries**  
**P O Box 2782**  
**Upington**  
**8800**

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

**KwaZulu-Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

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## **COZA IRON ORE PROJECT**

### **RESPONSE TO ISSUES AND CONCERNS RAISED**

Dear Ms Jacoline Mans

#### **4. INTRODUCTION**

Synergistics would like to thank you for your response to the Background Information Document (BID) dated 15 May 2013. This letter serves as response to comments raised, comments raised by the Department of Agriculture, Forestry and Fisheries (DAFF) are in red and Synergistics responses are given below the comment.

#### **5. COMMENTS AND RESPONSE**

6. The BID stated that the affected areas of the proposed open pit iron ore mine and associated infrastructure will be approximately 25 hectares on the farm Doornpan and 80 ha on the farm Driehoekspan. Since vegetation clearance will be required, you may need a Forest Act Licence (from DAFF) and a Flora Permit (from Department of Environment and Nature Conservation (DENC)).

The exact area to be affected by the proposed development will be confirmed during the EIA Report. Current indications are that the activities on Doornpan will require the clearance of 150 ha and 175 ha will be cleared on Driehoekspan. A vegetation survey was conducted for the autumn season, during the site visit the specialist observed some Camel Thorn tress (*Acacia eriolaba*) along the watercourse on farm Driehoekspan. The spring survey will be undertaken to determine the presence of other protected species especially. Should any protected trees or plant require removal, permit applications will be submitted to the relevant authorities prior to commencement with site clearance activities.

7. The BID listed the most important environmental legislation applicable to the project. The Northern Cape Nature Conservation Act (No 9 of 2009) (NCNCA) should be consulted.

The NCNCA has been included in the list of legislation that will be considered throughout the EIA process.

8. Kindly supply this office with copies of the relevant documental for comments, especially the specialist biodiversity/ecological assessment and EMPR (once available). Please note that the office cannot download such documentation from the internet and it should be provided on a CD or in hardcopy format

A CD copy of the project reports will be submitted to the Department. This includes draft and final Scoping Report with its appendices and the draft and final copy of the EIA and EMPR report together with specialist studies.

9. • Please ensure that the anticipated impacts on protected trees are assessed and try to design the mine in such a manner as to minimise the impact (if any) on such slow growing tree species. Where impacts cannot be avoided, appropriate mitigation may be required.

Impacts of flora will be assessed in the EIA report taking into consideration the findings of the floral assessment. Where possible, infrastructure will be designed to avoid the disturbance to flora. Where avoidance is not possible, mitigation measures will be implemented to reduce impacts. A vegetation management plan will be developed as part of the Environmental Management Programme (EMPR). Management measures will be included in the EIA and EMPR that will be circulated for authority and public review.

## 6. CONSLUSION

Thank you for submitting your comments on the BID, your comments have been incorporated in the Draft Scoping Report which will be circulated to the Interested and Affected Parties prior to submission to the Department of Mineral Resources and the DENC.

Yours sincerely,



**Zama Khumalo**

BA (Geography)

**Environmental Assessment Practitioner**

**Synergistics Environmental Services (now SLR Consulting (Africa) (Pty) Ltd)**





Date: 2013-07-01

Your Ref:

Our Ref: S0707

**Attention: Rowena Jacobs**

---

**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

**KwaZulu-Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

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## **COZA IRON ORE PROJECT RESPONSE TO ISSUES AND CONCERNS RAISED**

Dear Rowena Jacobs,

This email is in response to your public input sheet dated 23 May 2013 (see attached). Thank you for raising your concerns.

In order for the COZA Iron Ore Project to proceed, COZA are required to obtain a mining right for the mineral and area to be mined. This is a requirement under the Mineral and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA). In order for the mining right to be granted, COZA need to develop a social and labour plan as per Section 42 of the MPRDA Regulations (GN 527 of 23 April 2004), which amongst other things gives effect to the provisions of the Broad-Based Socio-Economic Empowerment Charter for the South African Mining Industry. Some of the provisions of the Charter specifically require mining companies to set targets to formulate development plans to facilitate community and rural development where mining takes place, as well as in major labour sending areas. The Charter also encourages mining companies to co-operate with government to implement these plans.

COZA are fully committed to implementing development plans and projects that will facilitate local community and rural development in the area surrounding the COZA Iron Ore Project. However, the project is still in its initial stages and COZA are still formulating their social and labour plan, as well as their development plans. At this stage no specific information can be provided. As part of the Environmental Impact Assessment for the COZA Iron Ore Project however, a social impact assessment will be conducted which will provide information on the benefits the project is likely to have for local communities. This information will be made available in the Environmental Impact Report (EIR), a draft version of which will be made available for public review by early November 2013. All Interested and Affected Parties, including you, will be notified when the EIR is available for public review.

I trust that this letter has addressed your concerns. Please contact me if you have any further questions.

Yours Sincerely  
**Rudi de Jager**



**Rudolf De Jager**

---

**From:** Rudolf De Jager  
**Sent:** 03 July 2013 03:44 PM  
**To:** 'wenarowena2000@yahoo.com'  
**Cc:** Zama Khumalo  
**Subject:** COZA IRON ORE PROJECT: Response to Issues and Concerns  
**Attachments:** Comment Sheet R. Jacobs.pdf

**Date:** 2013-07-01  
**Your Ref:**  
**Our Ref:** S0707

**Attention:** **Rowena Jacobs**



Johannesburg: Tel: +27(0)11 335 4715, Fax: +27(0)11 335 4712  
PO Box 61327, Bryanston, 2021  
S. Afr. P.O. Box 2, Hillingdon Office Park,  
22 Woodlands Avenue, Hillingdon, Harare  
KwaZulu-Natal: Tel: Fax: +27(0)33 345 3325  
2 Water Close, Hillcrest, 3201

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**COZA IRON ORE PROJECT**  
**RESPONSE TO ISSUES AND CONCERNS RAISED**

Dear Rowena Jacobs,

This email is in response to your public input sheet dated 23 May 2013 (see attached). Thank you for raising your concerns.

In order for the COZA Iron Ore Project to proceed, COZA are required to obtain a mining right for the mineral and area to be mined. This is a requirement under the Mineral and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA). In order for the mining right to be granted, COZA need to develop a social and labour plan as per Section 42 of the MPRDA Regulations (GN 527 of 23 April 2004), which amongst other things gives effect to the provisions of the Broad-Based Socio-Economic Empowerment Charter for the South African Mining Industry. Some of the provisions of the Charter specifically require mining companies to set targets to formulate development plans to facilitate community and rural development where mining takes place, as well as in major labour sending areas. The Charter also encourages mining companies to co-operate with government to implement these plans.

COZA are fully committed to implementing development plans and projects that will facilitate local community and rural development in the area surrounding the COZA Iron Ore Project. However, the project is still in its initial stages and COZA are still formulating their social and labour plan, as well as their development plans. At this stage no specific information can be provided. As part of the Environmental Impact Assessment for the



## 2.3 EMAIL RESPONSES TO IAP COMMENTS

**From:** Rudolf De Jaager  
**Sent:** 24 June 2013 04:49 PM  
**To:** jimbosalretha@gmail.com  
**Cc:** Zama Khumalo  
**Subject:** COZA Ystererts Projek

Geagte Mevrou Erasmus,

Baie dankie vir U terugvoering in verband met die COZA Ysterertsprojek. Hierdie epos is om U in kennis te stel dat U gerigestreer is as n Belanghebbende of Geaffekteerde Party (BGF) vir die Omgewingsimpakstudie (OIS) vir die COZA Ysterertsprojek. As n gerigestreerde BGF, sal U op hoogte gehou word van ontwikkelinge in die OIS proses. U sal van die volgende in kennis gestel word:

- Besikbaarheid van die konsep and finale verslae (Ondersoek- en Omgewingsimpakverslag);
- Datums van openbare konsultasievergaderings;
- Owerheidsbesluite op die aansoeke vir omgewingsmagtiging, 'n geïntegreerde watergebruikslisensie and n afvalbestuurlisensie; en
- Enige ander versoek van die owerhede wat die kennisgewing van BGF's vereis.

Indien U enige omgewingskwessies will opper of vrae wil stel oor die projek, kontak ons gerus.

Vriendelike Groete,

**Rudolf De Jager**  
**Environmental Assessment Practitioner**  
Synergistics - part of the SLR group

Email: [rdejager@slrconsulting.com](mailto:rdejager@slrconsulting.com)  
Mobile: +27 79 922 5019  
Tel: +27 11 326 4158  
Fax: +27 11 326 4118

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

---

**From:** Zama Khumalo  
**Sent:** 24 June 2013 12:30 PM  
**To:** Tumisang Tagane; Zama Khumalo  
**Subject:** RE: COZA Iron Ore Project

Dear Mr Tagane,

With regards to your request below, please note that you have been registered as an Interested and Affected Party (IAP) for the COZA Iron Ore Project. As a registered IAP you will be updated on the progress of the EIA for the COZA Iron Ore Project. You will be notified of the following:

- Availability of draft and final reports (Scoping and EIA report);
- Dates for information sharing meetings;
- Authorities decisions on the applications for Environmental Authorisation, Waste Management Licence and Integrated Water Use Licence; and
- Any other request from government that may require IAPs to be notified.

Should you have any environmental issues of concern or questions please feel free to contact us.

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

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

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

**From:** Zama Khumalo <zama@synergistics.co.za>  
**Sent:** 20 May 2013 11:58 AM  
**To:** 'Sam Fiff Transnet Freight Rail BLM'; 'Lesiba Ramatladi Transnet Freight Rail ELS'; 'Johnny Jantjies Transnet Freight Rail KBY'  
**Cc:** 'Zama Khumalo '  
**Subject:** RE: COZA Iron Ore Project: Background Information Document

Dear Sam,

Thank you for your response, I have registered you as an IAP and the contact person for Transnet.

Kind Regards

## Zama Khumalo

Senior Environmental Scientist  
BA Geography

### For Synergistics Environmental Services

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## Issues and Response Report



## Appendix A8:

### Issues and Response Report for COZA Iron Ore Project

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
Authority Requirements	15 May 2013	Ms Jacoline Mans Department of Agriculture, Forestry and Fisheries	Tel: 054 334 0030 Email: JaolineMans@daff.gov.za	<ul style="list-style-type: none"> <li>• The BID stated that the affected areas of the proposed open pit iron ore and associated infrastructure will be approximately 25 hectares on the farm Doornpan and 80 ha on farm Driehoekspan. Since vegetation clearance will be required, you may need a Forest Act Licence (from DAFF) and a Flora Permit (from Nature Conservation)</li> <li>• The BID listed the most important environmental legislation applicable to the project. The Northern Cape Nature Conservation Act (Act 9 of 2009) (NCNCA) should also be consulted</li> <li>• Kindly supply this office with copies of the relevant documentation for comments, especially the specialist biodiversity, /ecological assessment and EMPR (once available). Please note that the office cannot download such documentation from the internet and it should be provided on a CD or in hardcopy format</li> </ul>	<ul style="list-style-type: none"> <li>• Applications will be submitted to the relevant authorities for the removal of protected plant and tree species.</li> <li>• The act will be considered throughout the Scoping and EIA process.</li> <li>• A CD copy of the EIA and EMPR report together with specialist studies will be submitted to the Department</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				<ul style="list-style-type: none"> <li>Please ensure that the anticipated impacts on protected trees are assessed and try to design the mine in such a manner as to minimise the impact (if any) on such slow growing tree species. Where impacts cannot be avoided, appropriate mitigation may be required.</li> </ul>	<ul style="list-style-type: none"> <li>Impacts of flora will be assessed in the EIA report. A floral (vegetation) impact assessment will be undertaken to determine impacts on vegetation. Where required, mitigation measures will be identified and a vegetation management plan will be developed. This information will be included in the EIA and EMPR that will be circulated for authority and public review.</li> </ul>
Registration as an Interested and Affected Party	20 May 2013	Mr. S.E Fiff Transnet Limited	P O Box 17308, Bainsvlei 9338 Tel: (051) 408 2565	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mr Fiff has been registered in the IAP database, Refer to Appendix A1</li> </ul>
	22 May 2013	Mr Tumisang Tugane Afribits	Tel: 079 874 0504 Email: infor@afribits.co.za	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mr Tugane has been registered in the IAP database, Refer to Appendix A1</li> </ul>
	24 June 2013	Mrs Alretha Erasmus Postmasburg Landbou Unie	Tel: 053 313 1333 Email: jimbosalretha@gmail.com	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mrs Erasmus has been registered in the IAP database, Refer to Appendix A1</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
Community Benefits and Upliftment	23 May 2013	Graig Katz	10 Jakaranda Lane, Postdene, Postmasburg, 8420 Cell: 073 258 9846 Email: gregorygraig101@gmail.com	<ul style="list-style-type: none"> <li>• Asked how the community will benefit from the project in terms of employment.</li> <li>• Asked how the project will be able to decrease the high unemployment.</li> </ul>	<ul style="list-style-type: none"> <li>• The proposed development will require approximately 140 employees during the operational phase. COZA Mining will endeavour to employ local persons as much as possible but this will be dependent on the type of skills required and availability of required skills locally.</li> <li>• It should also be noted that as part of the mining right application, COZA Mining will be required to prepare a Social and Labour Plan which details a plan for socio-economic Upliftment for the area hosting the COZA Iron Ore Project. The details of the plan are still being developed in consultation with the relevant authorities and community representatives.</li> </ul>
	23 May 2013	Rowena Jacobs	14 Jakaranda Lane, Postdene, Postmasburg, 8420 Cell: 079 146 9083	<ul style="list-style-type: none"> <li>• Requested that they be kept up to date with the project and asked how the community will benefit from the project.</li> </ul>	<ul style="list-style-type: none"> <li>• IAPs registered on the IAP database will receive project communication information throughout the EIA process. As part of the mining right application, COZA Mining will be required to prepare a Social and Labour Plan which details a plan for socio-economic Upliftment for area hosting the COZA Iron Ore Project. The details of the plan are still being developed in consultation with the relevant authorities and community representatives.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>• Asked if any people from the communities are required for the process in terms of labour (specialist studies).</li> </ul>	<ul style="list-style-type: none"> <li>• Specialist studies are done by qualified specialists who go to site to scope the area to gather data. They are usually only there for approximately 1 day. The specialist work does not require labour as they do the work themselves. As such, specialist studies do not provide opportunities to the people from the community in terms of labour.</li> </ul>
	23 May 2013	Itumeleng Moss	23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>• Enquired as to how the project and mining will benefit local communities.</li> </ul>	<ul style="list-style-type: none"> <li>• A Social and Labour Plan will be developed for the mine which will identify local economic development projects that will benefit the host community.</li> </ul>
	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>• Questioned whether the people from the Maremane Community would benefit in terms of employment if the processing will be undertaken elsewhere. He indicated that he believes processing creates more employment opportunities than mining.</li> </ul>	<ul style="list-style-type: none"> <li>• The resource at Driehoekspan and Doornpan does not warrant the location of a processing plant within the mine areas. There is another area of interest for COZA that may have sufficient resource to support a processing plant. In terms of job opportunities, COZA's Social and Labour Plan (SLP) would have to consider the people at the three mining areas i.e. Driehoekspan, Doornpan and the other area of interest.</li> </ul>
	23 May 2013	Lebogang Kunere	Maremane Community P O Box 688 Postmasburg, 8420 076 327 8305	<ul style="list-style-type: none"> <li>• Asked what would be done for the community once they start to mine and they gain profit. He indicated that the community needs to get an idea of what benefits they will receive from the project.</li> </ul>	<ul style="list-style-type: none"> <li>• A SLP is currently being developed as part of the mining right application. The community will be consulted on community development projects that will form part of the SLP. Because the</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					<p>SLP is currently in the process of being developed, COZA is not as yet in a position to communicate the community benefits. This information will be communicated once the SLP has been finalised.</p>
	23 May 2013	Mathapelo Kgotlaekae	Maremane Community P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>Indicated that the community is fearful that once COZA is granted a mining right, there will be no benefits for the community.</li> <li>Requested that the community must be consulted when preparing the SLP</li> </ul>	<ul style="list-style-type: none"> <li>The SLP is still being drafted. This document will present the plans for community involvement. These will be communicated with the community once the plans have been drafted</li> <li>The SLP is being drafted and he believes that there has been some interactions with the community. He indicated that he will confirm if there has been any interactions and establish who was consulted when drafting the SLP and provide response.</li> </ul>
	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>When projects of this magnitude are undertaken, the locals are generally excluded to participate in the development and wealth of their minerals mined. Lack of excess to this wealth creation opportunity is hampered by "red tape" rules and regulations, that make it impossible to participate and once the investors are making their riches, they vanish and left the local residents high &amp; dry.</li> </ul>	<ul style="list-style-type: none"> <li>COZA are fully committed to implementing development plans and projects that will facilitate local community and rural development as part of their Social and Labour Plan (SLP). However, the project is still in its initial stages and COZA are still formulating their SLP. At this stage no specific information can be provided on the different community development initiatives that will be implemented by COZA. As part of the Environmental Impact Assessment for the COZA Iron Ore Project however, a social impact assessment will be conducted which</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					will provide information on the benefits the project is likely to have for local communities. This information will be made available in the Environmental Impact Report, a draft version of which will be made available for public review by early November 2013.
Future Prospecting	23 May 2013	Islay Jane Sparks of Kumba Iron Ore's Kolumela Mine	PO Box 1420, Postmasburg, 8420 Cell: 081 038 2368 Email: islay-jane-sparks@angloamerican.com	<ul style="list-style-type: none"> <li>• Asked how much the mine will produce</li> <li>• Enquired about the possibility for further expansion and whether exploration is still continuing.</li> </ul>	<ul style="list-style-type: none"> <li>• Since the project is still in the concept phase it is difficult to estimate, but the quantity will be approximately 500 000 million tons per annum during the operational phase.</li> <li>• There are opportunities for further expansion. COZA is currently working on their resource estimation. There are also other areas of mining interest for COZA Mining in the Northern Cape.</li> </ul>
Community Consultation	23 May 2013	Itumeleng Moss	23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>• Also queried whether the municipality was consulted</li> </ul>	<ul style="list-style-type: none"> <li>• Invitations were sent to the Municipal Mayor, Manager and Environmental Manager as well as the local Economic Development Officer. The ward councillor, who was also consulted, responded and requested Synergistics to also hold a meeting with the Maremane community</li> </ul>
	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>• Raised the issue that the information of the meeting was not appropriately marketed toward the Maremane Community.</li> </ul>	<ul style="list-style-type: none"> <li>• The community were identified through the distribution of BIDs. Synergistics also consulted Mpho, the ward councillor, and Joseph, who are representatives of the Maremane community. The Maremane community said they knew of the Postmasburg meeting but it was too far, thus another</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					<p>meeting was organised for them at the Maremane Community Hall.</p> <ul style="list-style-type: none"> <li>It would be appreciated if the community would advise Synergistics on how best to involve communities.</li> </ul>
Community Consultation	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Asked if the Department of Rural Development and Land Reform (RDRL). Was consulted as they were key in the Maremane Community land claim process</li> <li>Indicated that there are people that are not in the area but who at a later stage will be relocated to the land and will be affected by this development. He asked how these people would be accommodated.</li> <li>Raised the issue that some of the people from the Maremane Community are from the Kuruman area and this meeting and the project is very far from Kuruman. As such the people will not know what is happening</li> </ul>	<ul style="list-style-type: none"> <li>Regarding the department of Rural Development and Land Reform, the Department has been notified of the project, received BIDs and have been notified of the EIA process. The Department of Mineral Resources (DMR), in their report, also wants to find out if the Department of RDRL has been consulted.</li> <li>It will be appreciated if the community would advise us of the various community leaders that should be registered in the IAP database. The identified representatives will be informed of the project developments and the in turn they can report back to the other members of the Maremane Community.</li> <li>It would not be possible to have meetings with people from all over the area like Kuruman. We are dealing with people that are most likely to be directly impacted by the project. People from Kuruman are not being excluded however, it would be ideal to have</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				<ul style="list-style-type: none"> <li>• Asked whether meetings can be held in Kuruman</li>   <li>• Raised a concern that Maremane community members from Kuruman are being excluded from the public participation process and problems may arise if people come to Maremane from Kuruman.</li> </ul>	<p>leaders of the various communities to come to the scheduled meetings.</p> <ul style="list-style-type: none"> <li>• Kuruman is too far for the people from Maremane and Kuruman is not an area that will be directly affected by the project. The ideal option would for the leaders of the Kuruman communities to come to the Maremane meetings and give feedback to the people of the community.</li>   <li>• People who register will be kept informed throughout the process. Synergistics would like the leaders to get involved to inform the other communities.</li> </ul>
	23 May 2013	Hilda Sibanda Maremane Community Member	Maremane Community P O Box 688 Postmasburg, 8420 071 979 5017	<ul style="list-style-type: none"> <li>• Indicated that she is reluctant of believing independent environmental consultant. She indicated that the community was previously consulted by independent consultants for the Sedibeng Mine, however they were not notified when the mine started. She indicated that they community was fearful that the same process would occur with the COZA project.</li> </ul>	<ul style="list-style-type: none"> <li>• As consultants Synergistics are bound by law to notify IAPs of authority decisions in terms of the National Environmental Management Act (No 107 of 1998) (NEMA). As such the Maremane community will be notified via post or sms. She indicated that members of the community will be kept informed of progress throughout the EIA process. She explained that the Public Participation Process (PPP) allows for the involvement of communities</li> </ul>



ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				<ul style="list-style-type: none"> <li>Asked why the application to the Northern Department of Environment and Nature Conservation was submitted before consultation with communities?</li> </ul>	<ul style="list-style-type: none"> <li>The NEMA application was submitted as it was required by law. She advised that the application serves to notify the Department of the intention to commence with the EIA process</li> </ul>
	23 May 2013	Mathapelo Kgotlaekae	Maremane Community P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>Indicated that the Maremane Community are sceptical that Synergistics will return to meet with the community</li> </ul>	<ul style="list-style-type: none"> <li>There will be a feedback meeting, where Synergistics presents the findings of the EIA. She indicated that the community would also be notified of the availability of the environment reports for review as well as the authority decisions.</li> </ul>
	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>An information sharing meeting was held on 23 May 2013, however no prior notice was given to Interested and Affected parties. The meeting should have been communicated in the local newspaper (The Ghaap, Diamond Field Advertiser.</li> </ul>	<ul style="list-style-type: none"> <li>The information sharing meeting was advertised in the Kalahari Bulletin and Kathu Gazette. These newspapers circulate in the study area and its surroundings. Please refer to Section 3.5 on the IAP notification process.</li> </ul>
Mine Cumulative Impacts	23 May 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>Raised a concern regarding the prominence of mining in the area and the many problems that are not being appropriately dealt with. Indicated that there are problems related to groundwater and dust due to mining in the area. She raised a concern regarding the potential cumulative impacts of the mining in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The impacts that this study will have on the area will be assessed in the context of what the project will add to the current baseline condition which include any existing impacts. Groundwater and air related impacts will be addressed in the EIA.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
Project's Environmental Impacts	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>Pollution will affect all communities around the operations, what remedies will be available to alleviate this</li> </ul>	<ul style="list-style-type: none"> <li>An environmental impact assessment will be undertaken to identify the projects environmental and socio-economic impacts. Please refer to Section 7 for the preliminary list of potential impacts and Section 8 for the plan of study for the EIA.</li> </ul>
Project Phasing	23 May 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>Asked what stage the process is at currently.</li> </ul>	<ul style="list-style-type: none"> <li>The process is at its initial phase the scoping phase where consultation with IAPs takes place, potential issues are identified and terms of reference for specialist studies are developed.</li> </ul>
Project Location	23 May 2013	Alfred Pegram	Private Bag X5005, Kimberley, 8300 apegram@ncpg.gov.za	<ul style="list-style-type: none"> <li>Asked how far the project will be from Portion 3 of the Farm 445.</li> </ul>	<ul style="list-style-type: none"> <li>The mining area will be approximately 3 km from Portion 3 of the Farm 445.</li> </ul>
Prospecting Activities	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Referring to a DMR document from 2010, the IAP asked about the prospecting and mining right and why COZA are not mining in all the areas.</li> </ul>	<ul style="list-style-type: none"> <li>COZA were granted prospecting rights for various farms but only plan to mine on the Portion 1 of Doornpan and Remaining Extent of Driehoekspan at this stage.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
	23 May 2013	Lebogang Kunere	Maremane Community P O Box 688 Postmasburg, 8420 076 327 8305	<ul style="list-style-type: none"> <li>Queried if there would be a survey of the resource before mining commences.</li> <li>Enquired what income was received from prospecting and where was the money spent</li> </ul>	<ul style="list-style-type: none"> <li>Prospecting activities have already been undertaken for the project and the project team is currently at the resource estimation process.</li> <li>No money was obtained from prospecting</li> </ul>
Information on Applicant	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>Requested an organogram for COZA Mining.</li> </ul>	<ul style="list-style-type: none"> <li>COZA Mining is still a new company and an organogram is not yet available. The community should liaise with Synergistics and the project manager Mr Tabi Kowet.</li> </ul>
Application Process	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>Queried if COZA Mining has a mining licence.</li> </ul>	<ul style="list-style-type: none"> <li>COZA does not have a mining right but have a prospecting right. The current EIA process is undertaken to apply for a mining right. The mining right application will be submitted at the end of June 2013.</li> </ul>

Notification of Draft Scoping Report which addressed Doornpan and  
Driehoekspan and proof of distribution







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Date: 2 July 2013  
Our Ref: S0707/ppp/not

**Attention: Interested and Affected Parties**

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PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
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**KwaZulu Natal:** Tel/Fax: +27(0)33 343 5826  
2 Wattle Grove, Hilton, 3201

**Namibia:** Tel: +264 (0)64 406 587  
Fax: +264 (0)88 647 501  
PO Box 4821, Swakopmund, Namibia

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**Attention: Interested and Affected Parties**

**COZA IRON ORE PROJECT, TSANTSABANE LOCAL MUNICIPALITY**  
**NOTIFICATION OF THE AVAILABILITY OF THE DRAFT SCOPING REPORT**

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The project is a green-fields project that will comprise mining from two separate pits located on farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1).

In order for the project to commence, environmental authorisations and licences will be required under the following legislation:

- National Environmental Management Act (No. 107 of 1998) for activities listed under the Environmental Impact Assessment (EIA) Regulations.
- National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA) for activities listed under Schedule 1 (Section 19) of Regulation 718 (3 July 2003).
- National Environmental Management: Air Quality Act (No. 39 of 2004) for activities listed under the Government Notice 248 of 31 March 2010.
- National Water Act (No. 36 of 1998) for various water uses.

COZA appointed Synergistics Environmental Services (Pty) Ltd as the independent Environmental Assessment Practitioner to undertake the Scoping and Environmental Impact Assessment process required in support of the applications for the abovementioned authorisations and licences.

**You are hereby notified that the scoping process has been completed and the Draft Scoping Report is now available for authority review.** Please see attached a copy of the low quality version of the report. A high quality electronic copy of the report on CD-ROM can be sent to you on request.

Attached to this letter is a response sheet in which you can submit written comments on the Draft Scoping Report. Please ensure that all written comments reach us by the **9 September 2012**. All written comments should be forwarded to:

Rudi de Jager  
Synergistics Environmental Services (Pty) Ltd  
Tel: 011 326 4158  
Fax: 011 326 4118  
Email: [rdejager@slrconsulting.com](mailto:rdejager@slrconsulting.com)  
PO Box 68221, Bryanston, 2021

## PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	
Date:	
Signature:	

\* Please indicate your preferred method of receiving information.

If you know of others who should be informed of the project, please provide us with their contact details:

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	

If you have any direct business, financial, personal or other interests in the approval or refusal of the application, please disclose these:

--

**ISSUES, CONCERNS AND QUESTIONS (use additional pages if required)**

All comments must reach us by **9 September 2013** to be considered in the Final Scoping Report.


**RETURN COMPLETED SHEET TO:**

Rudi de Jager  
Synergistics Environmental Services (Pty) Ltd  
Fax: (011) 326-4118  
E-mail: rdejager@slrconsulting.com  
Post: P.O. Box 68821, Bryanston, 2021, South Africa





Date: 9 July 2013  
Our Ref: S0707/ppp/not

**Attention: Interested and Affected Parties**

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**Johannesburg:** Tel: +27(0)11 326 4158, Fax: +27(0)11 326 4118  
PO Box 68821, Bryanston, 2021  
Suite 5 & 6, Block B, Hurlingham Office Park  
59 Woodlands Avenue, Hurlingham Manor

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COZA appointed Synergistics Environmental Services (Pty) Ltd as the independent Environmental Assessment Practitioner to undertake the Scoping and Environmental Impact Assessment process required in support of the applications for the abovementioned authorisations and licences.

**You are hereby notified that the scoping process has been completed and the Draft Scoping Report is now available for public review.** The draft report will be available for public review for 30 calendar days (4 weeks) from 10 July to 12 August 2013. A Copy of the report has been made available at the Tsantsabane Local Municipality (municipal library). The report is also available to download from the Synergistics website at [www.synergistics.co.za](http://www.synergistics.co.za). You can also obtain an electronic copy of the report on CD-ROM from Rudi de Jager (see contact details below).

Attached to this letter is a response sheet in which you can submit written comments on the Draft Scoping Report. Please ensure that all written comments reach us by the **12 August 2012**. All written comments should be forwarded to:

Rudi de Jager  
Synergistics Environmental Services (Pty) Ltd  
Tel: 011 326 4158  
Fax: 011 326 4118  
Email: [rdejager@slrconsulting.com](mailto:rdejager@slrconsulting.com)  
PO Box 68221, Bryanston, 2021

Yours sincerely

A handwritten signature in black ink, appearing to be 'Rudi de Jager', written in a cursive style.

**Rudi de Jager**  
Environmental Scientist  
Synergistics Environmental Services (Pty) Ltd



## PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT

Name:	
Address:	
Telephone/cell phone:	
Fax:	
E-mail:	
Date:	
Signature:	

\* Please indicate your preferred method of receiving information.

If you know of others who should be informed of the project, please provide us with their contact details:

Name:	
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E-mail:	

If you have any direct business, financial, personal or other interests in the approval or refusal of the application, please disclose these:

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**ISSUES, CONCERNS AND QUESTIONS (use additional pages if required)**

All comments must reach us by **12 August 2013** to be considered in the Final Scoping Report.


RETURN COMPLETED SHEET TO:

Rudi de Jager  
Synergistics Environmental Services (Pty) Ltd  
Fax: (011) 326-4118  
E-mail: rdejager@slrconsulting.com  
Post: P.O. Box 68821, Bryanston, 2021, South Africa



Summary of Draft Scoping Report which addressed Doornpan and  
Driehoekspan

Motshitshinyi: **COZA MINING (PTY) LTD**

Porojeke: **COZA IRON ORE PROJECT**

Leina la Pego: **Tshobokanyo ya Pego ya Scoping**

Letlha la Pego: 8 Phukwi 2013

E rulagantswe ke: Zama Khumalo

E Sekasekilwe ke Kerry Fairley



**Johannesburg:** Tel: +27 11 326 4158  
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2 Wattle Grove, Hilton, 3201

## **1 BOIKEMISETSE JWA TSHOBOKANYO E**

Synergistics Environmental Services (Pty) Ltd e tlhomilwe go dira thulaganyo ya Scoping le Tshekatsheko ya Kamego ya Tikologo (Environmental Impact Assessment (EIA)) e e tlhokelwang Projeke ya COZA Iron Ore jaaka go tlhokiwa ke peomolao ya tikologo. Eno ke tshobokanyo ya Pego ya Scoping e e baakanyeditsweng kgato ya ntlha ya thulaganyo ya tshekatsheko ya kamego ya tikologo. Khopi ya pego ya scoping e ka bonwa go tswa go Moh Hilda Sibanda kwa Lohatla Community Crèche. Tsweetswee ela tlhoko gore pego e ka Seesimane. Se se akareditsweng mo tshobokanyong e ke dipholo tsa ntlha tsa thulaganyo ya botsayakarolo jwa setšhaba, tlhaloso ya tikologo jaaka e ntse kwa tshimologong le leano la thutopatlisiso la EIA. Mmuisi o kgothadiwa go sekaseka Pego ya Scoping gore a bone tshedimosetso e e tseneletseng ka ga porojeke.

## **2 KITSISO YA POROJEKE**

COZA Mining (Pty) Ltd ke setlamo sa moepo se sebotlana se se tshitshinyang go tlhabolola (develop) Porojeke ya Coza Iron Ore e e leng mo taolong (jurisdiction) ya Mmasepala wa Selegae wa Tsantsabane mo Porofenseng ya Kapa Bokone. Porojeke e e sekgala se se ka nnang 10 km kwa bokone-bokonebophirima ba Postmasburg le 12 km kwa borwabophirima ba Lohatla Military base (Leba Setshwantsho 1). Eno ke porojeke ya greenfields e e tlaa akaretsang go epiwa ga manya a tshipi go tswa mo mekoting (pits) e mebedi go dirisiwa teraka le sekopogarawe. Go tshitshinngwa gore mekoti ya meepo e epiwe mo Palaseng ya Driehoekspan 435 (Remaining Extent) (Driehoekspan) le Polasa ya Doornpan 445 (Portion 1) (Doornpan). Manya a a epilweng a tlaa thubiwa, a sekheriniwa a bo a tswakanngwa mo lefelong la go epa pele a thothelwa gore a ye go porosesiwa kwa lefelong le le seng fa moepong. Manya a a porosesitsweng a tlaa thothelwa ka terena kwa dipolanteng tsa setala tsa AMSA tse di leng kwa Vanderdijlpark, Vereeniging le Newcastle.

Go tlaa nna le badiri ba ba tlaa tlhokelwang dikgato tsa go agiwa le tsa go dira ga moepo. Tlhokego yotlhe ya badiramongo ba moepo fa o dira ka botlalo e fopholediwa go nna batho ba le 140. Dipalo tsa thapo ka kgato ya go agiwa ga moepo e tlaa tlhomamisiwa ka nako ya EIA fa tlhaloso ya porojeke e setse e weditse. Go agiwa gammogo le go dira ga moepo go tlaa dirwa ke borakonteraka.

Moepo o tlaa tlhoka mafaratlhatlha a tshegetso a a latelang:

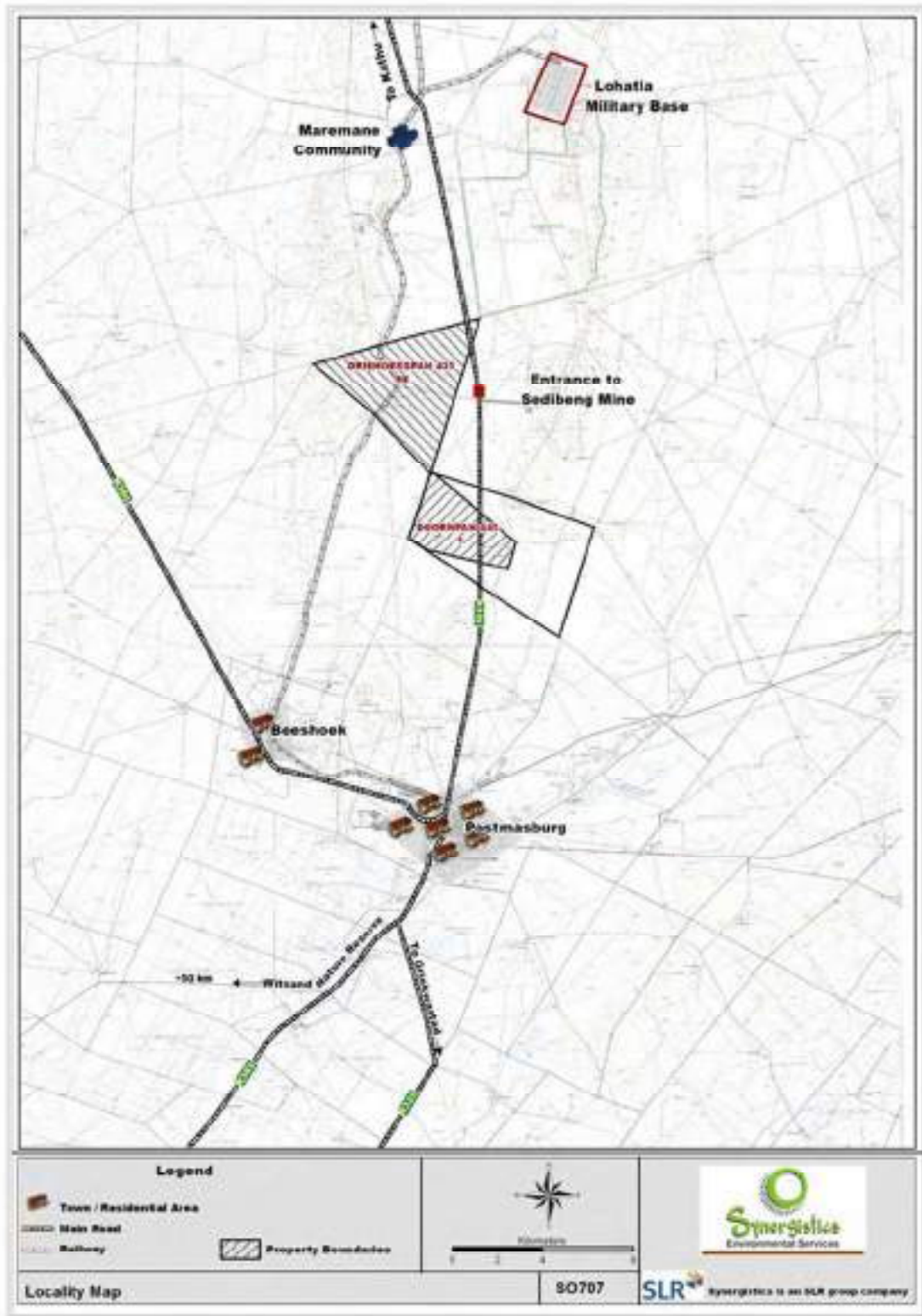
- Mafaratlhatlha a Tsamaiso ya metsi: matamo le dipeipi tsa metsi
- Mafaratlhatlha a tsamaiso ya matlakala: matlakala a kakaretso le e e kotsi le dikago tsa poloko ya matlakala a mathaere le polante ya phepafatso ya moselomaswe.

- Dikago tsa polokelo ya dithoto tse di kotsi: mabolokelo a dituki le dithunyi
- Matlo a marobalo a nakwana a kgato ya kago
- Mafaratlhatlha a theleso ya motlakase wa moepo a a jaaka dijeneretara tsa disele, megala ya motlakase le seteišenepotlana sa motlakase

### 3 DITLHOPO DI SELE TSA POROJEKE

Ditlhopho di sele tsa porojeke tse di latelang di tlaa sekasekwa mo thulaganyong ya EIA

- **Tlhopho ya go se epe:** Tlhopho e sele ya go se epe e tlaa raya gore Porojeke ya COZA Iron Ore e se ka ya dirwa mme ka jalo dikamego tse di maswe tsa tikologo le loago tse di tsalanang le moepo ga di kitla di nna teng.
- **Ditlhopho di sele tsa Theleso ya Metsi:** go sekasekwa ditlhopho di sele tsa theleso ya metsi a moepo. Tsone di akaretsa go gogiwa ga metsi mo didibeng tse di mo lefelong la moepo, le go ntsha metsi a a mo mekoting kgotsa go golaganya le Peipi ya Sedibeng Water's Vaal Gamagara e e leng kwa botlhaba ba kgaolo ya thutopatlisiso.
- **Lefelo le Mafaratlhatlha a Moepo a le mo go Lona:** Le mororo lefelo la mekoti le tlhomame ka ntlha ya go fitlhelela dirasefe tsa diminerale, go tlaa sekasekwa ditlhopho di sele ka fa go ka kgonegang ka teng tsa lafelo la matlakala gammogo le polante le dikago tsa tsamaiso go theilwe mo diphitlhelelong tsa dithutopatlisiso tsa boitseanape.
- **Ditlhopho di sele tsa Tiriso ya Lefatshe ya Bofelo:** Tiriso ya lefatshe ya ga jaana e e mo lefelong ke go fudisa diruiwa (dipodi le dinku). Tiriso ya lefatshe ya ga jaana e tlaa sekasekwa le go tlathobiwa mo EIA jaaka kgonagalo ya tiriso ya bofelo ya lefatshe morago ga moepo. Ditiriso tse dingwe tsa lefatshe tse di ka kgonegang go etswe tlhoko bokgoni jwa lefatshe di tlaa tlhotlhomisiwa mo pegong ya EIA



Setshwantsho sa 1: Phopholetso ya Lefelo la Porojeke ya COZA Iron Ore

## 4 DITLOKEGO TSA PEOMOLAO

Porojeke ya COZA Iron Ore e tlaa tlhoka dithebole tsa tikologo tsa konokono tse di latelang pele e ka simolola:

- Thebolo ya Tikologo: Ya ditiro tse di kwadilweng ka fa tlase ga Melawana ya EIA ya 2010 ya Molao wa Tsamaiso ya Tikologo wa Bosetšhaba (no. 107 wa 1998) jaaka o tlhabolotswe (NEMA). Kopo e setse e tsentswe e bile porojeke e filwe nomoro ya referense: NC/EIA/04/SIY/TSA/POS/DRIE/2013/NCP/EIA/0000215/2013.
- Laesense ya Tsamaiso ya Matlakala: Ya ditiro tse di kwadilweng ka fa tlase ga Tsamaiso ya Tikologo ya Bosetšhaba: Molao wa Matlakala (No. ya 59 ya 2008) (NEM: WA). Kopo e rometswe e bile e filwe nomoro ya referense: 12/9/11/L1235/8.
- Tshwanelo ya go Epa: Jaaka go tlhokiwa ke Karolo ya 22 ya Molao wa Tlhabololo ya Dimenerale le Metswedithuso ya Peteroleamo (No. 28 wa 2002) jaaka o tlhabolotswe (MPRDA). Kopo e tshwanetse go tsenyediwa Doornpan kwa bokhutlong jwa Seetebosigo mme Driehoekspan e tlaa latela mo nakong e e tlang.
- Laesanse e e Kopaneng ya Tiriso ya Metsi (IWUL) le Leano la Tsamaiso ya Metsi le Matlakala le le Kopaneng (IWWMP): Jaaka go tlhokiwa tebang le Molao wa Metsi wa Bosetšhaba (No 36 wa 1998) (NWA). Kopo e tlaa tsenngwa ka Ngwanaitseele 2013.

Mo godimo ga dithebole tsa tikologo tse nne, dithebole tse di latelang tsa tlaleletso di tlaa tlhokiwa

- Setheo sa South African Heritage Resources Agency se tlhoka go rebola tshekatsheko ya ngwaoboswa, e e tshwanetseng go tshwarwa jaaka karolo ya thulaganyo ya kakaretso ya EIA, go ya ka Molao wa Metswedithuso ya Boswa wa Bosetšhaba (No 25 wa 1999). Go tlaa tlhokiwa ditetla tsa go tshenygo kgotsa tloso ya metswedithuso epe ya ngwaoboswa e e tlaa bakiwang ke tlhabololo.
- Tetla ya go tlosa mefuta ya dimela le ditshedi tse di sireleditsweng tebang le Moalo wa Tshomarelo ya Tikologo wa Kapa Bokone (No ya 9 ya 2009) (NCNCA) le Molao wa Dikgwa wa Bosetšhaba (No 84 wa 1998).

Thulaganyo ya EIA ya Porojeke ya COZA Iron Ore e santse le kwa tshimologong le gone ga go ise go amogelwe dithebole dipe tsa tikologo.

## 5 MAITLHOMO A THUTOPATLISISO

Scoping e dira kgato ya ntlha ya thulaganyo ya EIA mme e totile go fitlhelela maitlhomong a a latelang:

- Go nna le tshekatsheko ya maemo a tikologo le a loago a motheo a kgaolo ya porojeke;
- Go kaya le go itsise batho ba go kgonegang gore ba nne bakgatlhegi le baamegi ba porojeke;
- Go kaya dikamego tse di ka kgonagalang tsa porojeke;
- Go kaya letlhoko la dithutopatlisiso tsa tikologo tse dingwe le go tlhalosa mabaka a referense a kgato ya EIA ya porojeke.

## 6 DIPHOLO TSA TSEOKAROLO YA SETŠHABA

### 6.1 Bakgatlhegi le Baamegi ba Porojeke ya COZA Iron Ore

Batho ba go kgonegang gore ba nne Bakgatlhegi le Baamegi (Interested and Affected Parties (IAPs)) ba ne ba kaiwa ka go dirisa deithabeisi e e setseng e le teng ya ditlhabololo tse di tshwanang mo kgaolong ya Postmasburg le Sishen. Dideithabeisi di akareditse bathati, mokgatlho wa baduelalekgetho, kopano ya balemirui le meepo e e mo tikologong. Dintlha tsa kgolagano tsa Bakgatlhegi le Baamegi di ne tsa rurifadiwa tsa ba tsa ntšhwafadiwa fo go neng go tlhokega teng. Baruanaga e e mo mafelong kgotsa a a dikologileng mafelo a porojeke ba ne ba kaiwa go dirisiwa patlo ya kano ya bong (title deed) ya LexisNexis le kgokagano (networking). Bannalesiabe ba ba latelang ba setse ba kailwe go fitlha ga jaana:

- Baruanaga: moruanaga wa Driehoekspan le Doornpan ke Morafe wa Maremane. Morafe wa Maremane o emetswe ke Rre More Matsidi. Ditokololo tsa setšhaba le tsona di kwadisitswe jaaka Bakgatlhegi le Baamegi (IAPs);
- Baruanaga ba ba mo tikologong;
- Meepo e e mo Tikologong;
- Bathati ba Bosetšhaba le ba Porofense ba ba nang le kgatlhego mo porojekeng;
- Bathati ba Selegae; le
- Setšhaba ka kakaretso.

Lenane la maina a batho ba ba setseng ba kailwe go fitlha jaana le akareditswe jaaka Mametlelelo ya A1 ya Pego ya Scoping.



## **6.2 Kitsiso ya Baruanaga, Banni ba naga ba Semolao le Bakgatlhegi le Baamegi**

Thulaganyo ya therisano le setšhaba e dirilwe fa gare ga Motsheganong-Seetebosigo 2013. Jaaka karolo ya thulaganyo ya therisano, Bakgatlhegi le Baamegi (Interested and Affected Parties (IAPs)) ba tshwanetse go itsisewe ka ga tlhabololo e e tshitshintsweng le ka thulaganyo ya Scoping ke EIA e e dirilweng. Dikitsiso go Bakgatlhegi le Baamegi (IAPs) di filwe ka Seesimane, Aforikanse le Setswana foo go neng go tlhokiwa. Batho ba go kgonegang gore e nne Bakgatlhegi le Baamegi ba itsisitswe ka ga porojeke ka:

- Lekwalo le le tthamaleletseng go barualefatshe: lekwalo le romeletswe Rre More Matsidi jaaka moemedi wa Morafe wa Maremane. Rre Matsidi o saenile tumelo ya gore o le amogetse ka 8 Mopitlwe 2013 a ba a saenela tumelelo ya gore go dirwe ditiro tse di kwadilweng tsa tsamaiso ya matlakala go ya ka NEM:WA mo Driehoekspan le mo Doornpan.
- Phatlalatso ya Tokomane ya Tshedimose tso ya Maitshetlego (Background Information Document (BID)) ka letsogo ka nako ya go etela lefelo (site), ka imeile le kwa dikopanong tsa go abelana ka tshedimose tso. BID e ne e na le tshedimose tso ya maitshetlego ya porojeke, thulaganyo ya EIA le thulaganyo ya Botsayakarolo jwa Setšhaba. Le tlhare la karabo le na la mametlelelwa mo tokomaneng ya BID le le fileng Bakgatlhegi le Baamegi tshono ya go fetisetsa merero (issues) e e tshwenyang kwa go Synergistics.
- Dikitsiso tsa bobegakgang le lefelo (Diphasalatso di beilwe mo Kathu Gazette le mo Volksblad, dikitsiso tse di bewang mo mafelong (site) di beilwe mo dikgorong tsa Driehoekspan le Doornpan, lebekele la selegae la Morafe wa Maremane le kwa Masepaleng wa Tsatsabane wa selegae).
- Dikopano tsa Setšhaba tsa Kabelano ya Tshedimose tso tse pedi (dikopano di tshwaretswe kwa Morafeng wa Maremane le kwa Postmasburg).

## **6.3 Dikgang le Matshwenyego a Setšhaba**

Merero e e tshwenyang e e tlhagisitsweng e akareditswe mo Mametlelelong ya A. Fa tlase go na le tshobokanyo ya merero (issues) e e tlhagisitsweng go fitlha jaana:

### **6.3.1 Ditlhokego tsa Bothati**

- Lefapha la Temothuo, Dikgwa le Ditlhapi la Kapa Bokone le gakolotse gore Molao wa Tshomarelo ya Tikologo wa Kapa Bokone (Northern Cape Nature Conservation Act (No 9 wa 2009) (NCNCA)) o tshwanetse go dirisiwa fa go na le tlhokego ya gore go ntshiwe mefuta ya ditshedi le dimela tse di sireleditsweng

### **6.3.2 Tlhabololo ya Morafe le Tsholetso**

- Morafe o kopile lenane la diporojeke tse di tlaa nnang karolo ya diporojeke tsa tlhabololo tsa selegae tsa COZA ka fa tlase ga Leano la Loago le Ditiro la bona.
- Go ne ga kopiwa maano a thapo ya badiri a COZA Mining.

### **6.3.3 Potielo ya Isago ya COZA Mining**

- Potso ka ditiro tsa potielo kgotsa go utolola mo isagong le katoloso ya moepo e ne ya bodiwa.

### **6.3.4 Theriso ya Morafe**

- Go tlhagisitswe matshwenyego a gore ga se Bakgatlhegi le Baamegi (IAPs) botlhe ba ba neng ba itse ka dikopano tsa kabelano ya tshedimose tse di neng di tshwerwe ka Motsheganong 2013.
- Go dirilwe kopo gore go akanngwe ka ga dikuranta tse dingwe tsa selegae fa go bewa dikitsiso tsa bobegakgang mo nakong e e tlang.
- Go tlhagisitswe matshwenyego a gore ditokololo tsa Morafe wa Maremane tse di sa nneng mo Lohatla di tlaa tlogelwa kwa ntle ga thulaganyo ya botsayakarolo jwa setšhaba.
- Morafe wa Maremane o kopile gore o rerisiwe fa go tsewa ditshwetso tsa diporojeke tsa tlhabololo ya ikonometri ya selegae tse di emang nokeng Leano la Loago le Ditiro.
- Morafe wa Maremane o ne o tshwenyegile gore morafe ga o kitla o itsisewe ka tswelelopele ya EIA le ditshwetso tse di tlaa tsewang morago ke bathati.

### **6.3.5 Dikamego tsa Tikologo tsa Porojeke**

- Go tlhagisitswe matshwenyego ka ga kamego ya moepo mo metsweding ya metsi a a ka fa tlase ga lefatshe. Go ne go na le tlhobaelo ya gore ditiro tsa go ntsha metsi mo mekoteng di tlaa fokotsa bogodimo ba metsi a a ka fa tlase ga lefatshe.
- Go tlhagisitswe tlhobaelo ya phokotsego ya boleng jwa mowa o o mo tikologong ka ntlha ya ditiro tsa moepo.

## **7 TSHEKATSHEKO YA TIKOLOGO YA KWA TSHIMOLOGONG**

## **7.1 Tikologo ya Ikonomi-Boago**

### **7.1.1 Tiriso ya Lefatshe ya ga jaana**

Kgaolo ya thutopatlisiso e mo kgaolong ya metseselegae e e segetsweng tiriso ya temothuo. Tiriso ya lefatshe ya konokono mo kgaolong e e dikologileng porojeke ya COZA Iron Ore ke thuo ya diphologolo. Ka ntlha ya go tlelaemete e e kwakwaletseng, ga go kgonege gore go nne le temothuo ya kgwebo e e tseneletseng. Ditiro tsa meepo le mafaratlhatlha a a tsamaelanang le ditiro tsa meepo (megala ya metlakase le seporo) le tsone di tlhagelela thata mo kgaolong.

### **7.1.2 Metswedithuso ya Ngwaoboswa**

Go kailwe palogotlhe ya mafelo a mararo mo Driehoekspan, a a akareditseng legare la Motlha wa Tematemo wa pele Quartzite (Quartzite Early Stone Age core), lerope la bogologolo le tiro ya lona e sa itseweng ga mmogo le lefelo le gongwe le neng le dirisediwa ketlolo ya matlapa go dira didiriswa ka Motlha wa Tematemo wa Morago. Mafelo a Motlha wa Tematemo wa pele le wa Tematemo wa Bofelo le ona a ne a kaiwa kwa Doornpan.

Go nna teng ga mabitla mo kgaolong ya thutopatlisiso go tlaa tlhomamisiwa mo kगतong ya EIA. Morafe, le fa go le jalo, o rotloediwa go go fa tshedimosetso le fa e ka nna efe ka ga mabitla a a mo Driehoekspan le Doornpan.

### **7.1.3 Thuo ya Naga**

Kgaolo ya thutopatlisiso le le tshitshintsweng le mo lefatsheng le le ruilweng ke Morafe wa Maremane. Lefatshe le kwadisitswe ka fa tlase ga Maremane Communal Property Association (MCPA). MCPA e emetse ditokololo tsa morafe tse di nang le tshwanelo ya semolao ya thuo ya lefatshe leo.

Rre More Mastididi o ne a rerisiwa jaaka moemedi wa morafe, le fa go le jalo ditherisano le ditokololo tse dingwe tsa morafe wa Maremane di senotse gore go na le ditokololo tse dingwe tsa CPA tse di tshwanetseng go rerisiwa. Synergistics ga jaana e mo thulaganyong ya go kaya ditokololo tsa CPA tse di lebaneng go netefatsa gore di itsisiwa ka porojeke e e tshitshintsweng

### **7.1.4 Tlhaloso ya Merafe ya Selegae**

#### Morafe wa Maremane

Ditokololo tsa morafe wa Maremane di ne tsa amogiwa lefatshe la tsona ka maikaelelo a go tlhoma Bothibeledo jwa Sesole jwa Lohatla (Lohatla Military Base) ka dingwaga tsa bo 1970. Batho ba ba sutisitsweng ba ne ba isiwa kwa mafelong a a jaaka Laxey, Pepsi le dikgaolo tse di mo tikologong ya (The New Age, 24 Moranang 2012). Go ya ka motlatsatona ya pele ya Tlhabololo ya Metse ya Magae le Tokafatso ya Lefatshe ka 2010 Rre Thulas Nxesi, morafe wa Maremane o latlhegetswe ke diheketara tse di 12 milione tsa lefatshe (South African Government Information, 4 Sedimonthole 2010). Morago ga 1994 morafe o ne wa tsenya

tleleimi ya gore lefatshe la bona le busediwe mme ka 2010 morafe o ne wa neelwa diheketara tse di fetang 11 200 mo ditsheng tse di dikologileng bothibeledo jwa sesole. Setshwantsho sa 5.16 se bontsha dikgaolo tse ditokololo dingwe tsa Morafe wa Maremane di leng gone ga jaana gaufi le kgaolo ya thutopatlisiso. Bontsi jwa batho ga jaana bo nna mo motseng wa baipei o o mo Polaseng ya Lohatla. Bothibeledo ga jaana bo bidiwa Lohatla ke banni jwa bona. Go na le ditiro tsa ikonomi tse dinnye tse di leng teng mo kgaolong eno kwa ntle ga lebenkele la selegae le kheretšhe. Ka nako ya kopano ya setšhaba e e neng e tshwerwe le morafe, go ne go iponatsa gore kelo ya go thapiwa e kwa tlase. Gape go na le palo e e patlona ya batho ba ba leng karolo ya morafe wa Maremane ba ba leng kwa Polaseng ya Driehoekspan. Setlhopha seno sa batho se tshwaragane le ditiro tsa themothuo (thuo ya dipodi le dinku).

Dikgaolo tsa ga jaana tse morafe wa Maremane o nnang mo go tsona ga di a akarediwa mo sekemeng sa togamaano ya toropo ya mmasepala wa selegae mme ka jalo go na le dikgwetlho tsa thebolo ya ditirelo.

### Balemirui

Balemerui ba mo gae ba ba tshwaraganeng le thuo e e seng ntsi ya diruiwa (dikgomo le dinku) le bona ba dikaganyeditse kgaolo ya thutopatlisiso. Go na le polasa ya diphologolo tsa naga e e sekgala sa phopholetso ya 6 km kwa bokone botlhaba ba Driehoekspan.

## **7.2 Tikologo ya Bayo-Fisikale**

### **7.2.1 Tlelaemete**

Kgaolo ya thutopatlisiso e mo kgaolong e e batlileng go nna sekaka ka selekano sa bogare sa pula se se leng 318 mm le go mowafala ga metsi ga ngwaga le ngwaga ga selekanyo sa 2 450 mm. Themphereitšha ya makisimamo e e rekotilweng kwa seteišeneng sa tepo ya bosa se se leng sekgala sa 20 km kwa borwa jwa kgaolo ya porojeke ke 46.5 °C mme minimamo ke -8.4 °C.

### **7.2.2 Topography, Soils and Land Capability**

Kgaolo ya thutopatlisiso e dikganyeditswe ke dithaba kwa Bophirima le kwa botlhaba. Lenaga ka kakaretso le le mo kgaolong ya thutopatlisiso le le ya godimo le tlase ka palogare ya bogodimo ba phopholetso ya 1 370m kwa godimo ga bogodimo ba lewatle (mamsi). Kgaolo ya thutopatlisiso e adilwe ka mafika a Lime Acres a Setlhopha sa Campbellrand Group, mafika ano a dirilwe ka kalaka e tshweu (dolomitic limestone). Kgaolo eno ka kakaretso e na le mebu e e seng boteng e e boteng jwa yona bo sa feteng 300 mm. Bokgoni jwa lefatshe la kgaolo eno jaaka bo arologangwa ke “ARC Institute for Soil, Climate and Water” ke naga le mafulo. Jaaka go kailwe fa godimo, mokgwa wa go batla go nna sekaka wa kgaolo ya thutopatlisiso o fokotsa ditiro tsa temothuto e e ntsi.

### 7.2.3 Water Resources

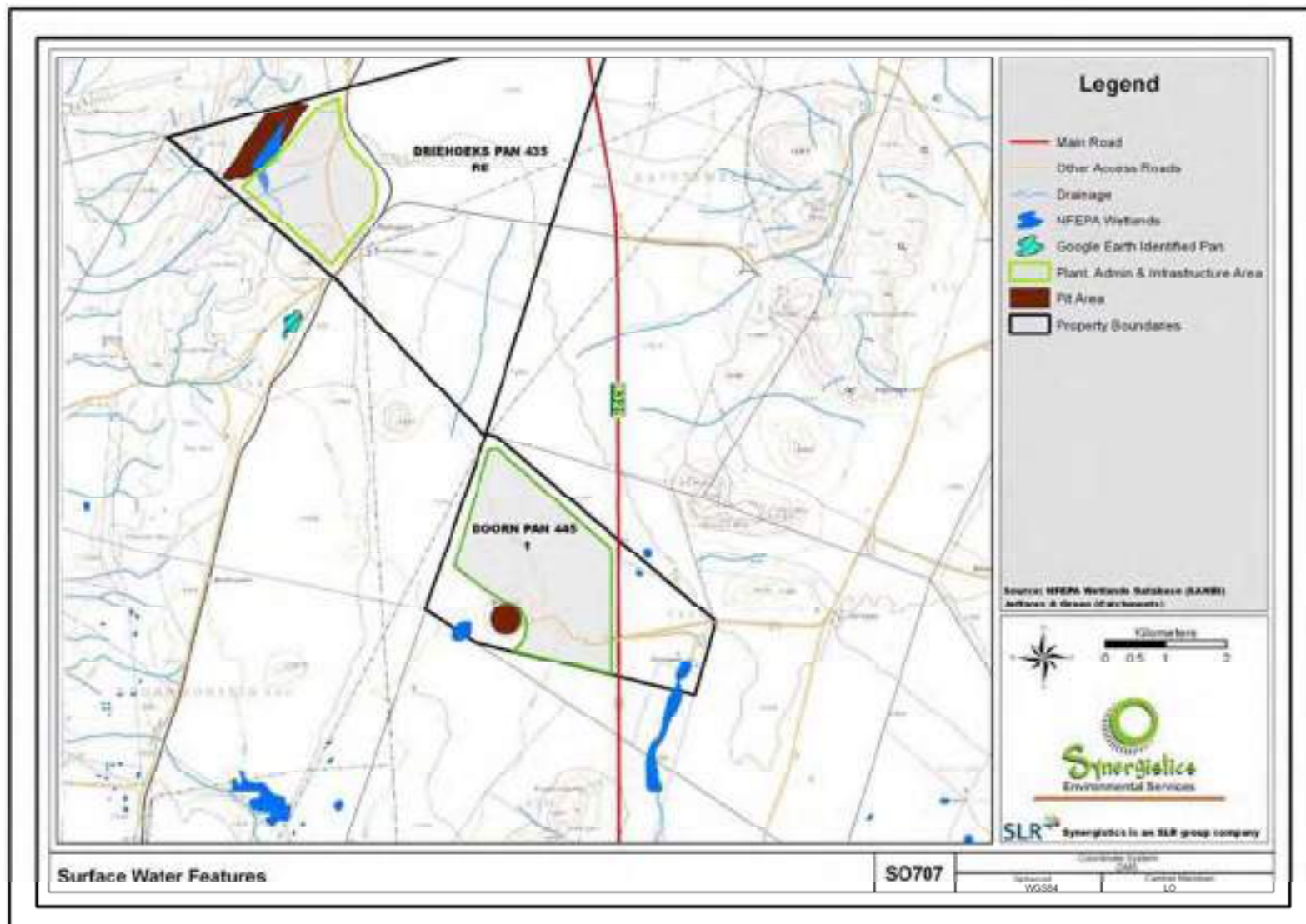
Thulaganyo ya metsi a a ka fa tlase ga lefatshe mo kgaolong eno e dirilwe ka ditsamaiso tse pedi tsa mafika a a nang le metsi. Mofuta wa ntlha o o bidiwang “upper, semi-confined” go fitlha ka “unconfined aquifer” o nna mo “calcrete” e e adilweng ke boalo jwa clayey. Mafika ano a aquifer o ntse o le motswedi wa metsi o o ikanyegang ka dingwaga some tse dintse mo balemiruing. Mofuta wa bobedi wa aquifer o o boteng o amanngwa le le go phanyega go robega le go kopana ga mafika Setlhophakgolo a Teransefala (Transvaal Supergroup rocks). Metsi a a ka fa tlase ga lefatshe ke one motswedi wa konokono wa theleso ya metsi a ditiro tsa mo gae le tsa themothuo mo kgaolong ya thutopatlisiso.

Tebang le metsi a a mo godimo ga lefatshe, thulaganyo ya go elea ga metsi ga kgaolo ke thulaganyo ya go elela ga metsi a a itirang matšha (endorheic system), se se rayang gore mesele ya go elela ga metsi a a sa eleleleng ruri e e mo kgaolong ya thutopatlisiso ga a ise metsi kwa nokeng mme e a isa kwa matšheng a a mo tikologong. Ditsobotla kgotsa maanwane le mesele ya metsi a a sa kgokologeleng ruri di bonwe mo ditsheng tsoo pedi (bona Setshwantsho sa 2). Mosele wa kgokologo ya metsi a a sa eleleleng ruri wa Driehoekspan o na le kgonagalo ya gore o kgorelediwe ke Porojeke ya COZA Iron Ore.

### 7.2.4 Ditshedi le Dimela

Thutopatlisiso eno e wela mo Kgaolong ya Ditshedi le dimela tsa Lenaga la Kgalagadi Botlhaba le le dipoa. Go na le mefuta ya dimela e e mo kgaolong ya patlisiso e e akaretsang Kuruman Thronveld le Kuruman Mountain Bushveld. Mefuta e meraro ya ditlhare tse di sireleditsweng e fitlhelwa mo kgaolong e. Yone e akaretsa Thorn Tree (*Acacia erioloba*), Grey Camel Thorn (*Acacia haematoxylon*), le shepherd's tree (*Boscia albitrunca*) (Seymour & Milton 2003). Go tlhomamisitswe gore setlhare se go tweng camel thorn tree se mela mo kgaolong e go tshitshintsweng go epiwa mo go yona.

Tebang le ditshedi, dipharologanyo tsa mefutafuta ya ditshedi le dipalo tse di mo kgaolong e kwa tlase thata jaaka go tlwaelesegile mo dikgaolo tse di batlileng go nna sekaka. Bontsi jwa kgaolo e e tshitshinyeditsweng go tlhabololwa ga bo na ditlhabololo. Le fa go le jalo, tshenyego e ntsi ya mafelo a tlholego e nnile teng mo kgaolong ka ntlha thatathata ya meepo, segolo bogolo mo dithabeng tsa manya a tshipi le a mankanese le marope a a fa gare ga Kathu le Postmasburg. Go tswa mo go phuruphutsheng dikwalo, direkoto tsa dimusiamo le dipatlisiso tsa lobaka lo lo fetileng, go na le kgonagalo ya gore mefuta e e latelang ya ditshedi e ne e le teng mo lefelong le: Sepepe sa naga / Bushveld Sengi (*Elephantulus intufi*) (Tshedimosetso e e Tlhaela), Tibe / African Wild Cat *Felis silvestris lybica* (Ga go a Tshwenyegiwa Thata ka Ona / Mofuta o o Sireleditsweng), Kgatlampane/Rankgatakwane Monitor *Varanus albigularis* (O Mo Diphatseng Lefatshe Lotlhe / Mofuta o o Sireleditsweng), mefuta e mebedi ya Phepheng e e epang Mesele (Mofuta o o Sireleditsweng), le mofuta wa Phepheng e e Gagabang. Go nna teng ga mefuta eno go tlaa tlhomamisiwa ka nako ya kgato ya EIA



Setshwantso sa 2 : Dipoego tsa Metsi a a mo Godimo ga Lefatshe

## 8 DIKAMEGO TSA TIKOLOGO TSE DI KA KGONAGALANG

Pego e fa go kaiwa ga maemo a scoping a dikamego tse di ka kgonegang tsa tikologo le loago (lefatshe, bayoloji, loago le ikonomi) tse di tsalanang le Porojeke e e tshitshintsweng ya COZA Iron Ore, gammgo le leano la gore dikamego tseno di ka sekasekwa jang gape mo kगतong ya EIA. Dikamego tsa porojeke tse di ka kgonegang tse di kailweng di kwadilwe fa tlase:

- Phetogo ya lenaga le kgoreletso ya pono e e tlang morago ga phetogo eo ka ntlha ya go epiwa ga thota ya Bleskop hill le lefelo la mafaratlhatlha
- Koketsego ya bogodimo jwa lorole ka ntlha ya ditiro tsa kago le tsa moepo
- Kgoreletso ya molapo o o sa eleleng ka nako yotlhe wa Polasa ya Driehoekspan ka ntlha ya lefelo le mokoti wa moepo o leng mo go lona le kgaolo ya mafaratlhatlha
- Kgotlelesego ya metswedi ya metsi a a ka fa tlase ga lefatshe ka ntlha ya ditiro tsa kago le tsa moepo
- Go fokotsega ga bogodimo ba metsi ka ntlha ya go ntsha metsi mo mokoting (fo go tlhokega)
- Go tlosiwa ga mefuta ya dimela tse di sireleditsweng ka ntlha ya go tlhagolwa ga lefelo
- Kgotlelego le tatlhegelo ya mebu ka ntlha ya kago le ditiro tsa moepo
- Koketsego ya modumo ka ntlha ya kago le ditiro tsa go epa kwa moepong
- Kgoreletso ya metswedithuso ya ngwaoboswa ka ntlha ya ditiro tsa kago le tsa go epa
- Diphatsa tsa tsogologo mo loagong le masula a loago kantlha ya tlhabololo ya moepo o montšhwa mo tikologong ya loago e e ga jaana e sa itshetlegelang sentle.
- Dikamego tsa ikonomi-boago tse dintle tse di jaaka ditsho tsa go thapiwa le tiragatso ya diitshimololelo tsa tlhabololo ya ikonomi ya selegae tse di kailweng mo Leanong la Loago le Ditiro la moepo
- Tatlhegelo ya lefatshe la temothuo (mafudiso) ka ntlha ya tlhabololo ya moepo
- Koketsego ya pharakano le diphatsa tsa polokego tse di tsamaelanang le yona ka ntlha ya diteraka tsa tlaleletso mo tseleng ya R325



## **9 TSELA YA GO YA KWA PELE**

### **9.1 Thulaganyo ya EIA**

Thulaganyo e dirilwe go netefatsa gore e obamela Taolwana 543, Dikarolo tsa 26 go ya go 33 tsa NEMA le dikaedi tse di tsamaisanang le tsona (bona Karolo ya 2) gammogo le ditlhokego tsa MPRDA. Dithutopatlisiso tsa boitsenape di tlaa dirwa go gakolola tshekatsheko ya dikamego tsa porojeke. Setšhaba se tlaa fiwa tshono ya go tsaya karolo ka go lebaneba dipego tsa tlhomo le tsa bofelo. Dikopano di tlaa rulaganngwa le bathati ba ba lebaneng le Bakgatlhegi le Baamegi (IAPs) go fa tshedimosetso-tekodiso ya dipholo tsa kgato ya EIA.

### **9.2 Dithutopatlisiso tse di boitsenape**

- Go tlaa nniwa le seabe sa baitseanape le go tshwarwa ga dithutopatlisiso tsa dikarolwana tse di latelang tsa tikologo: Tshekatsheko ya Kamego ya Ditshedi le Dimela
- Tshekatsheko ya Kamego ya Boleng jwa Mowa
- Tshekatsheko ya Kamego ya Metsi a a Mo Godimo ga Lefatshe
- Tshekatsheko ya Kamego ya Metsi a a ka fa Tlase ga Lefatshe
- Tshekatsheko ya Kamego ya Modumo
- Patlisiso ya Go Kgona ga Lefatshe
- Tshekatsheko ya Kamego ya Ikonomi
- Tshekatsheko ya Kamego ya Loago
- Tshekatsheko ya Kamego ya Pharakano
- Tshekatsheko ya Kamego ya Modumo
- Tshekatsheko ya Kamego ya Ngwao-boswa
- Tshekatsheko ya Kamego ya Pono

### **9.3 Ditshono tsa gore Setšhaba se Tseye Karolo e Nngwe Gape**

Setšhaba se na le ditshono tse dingwe gape tse di latelang tsa go akarediwa mo Tshekatshekong ya Kamego ya Tikologo (EIA)

- Go lebanebiwa ga tlhomo ya pego ya scoping (pego ya ga jaana e a sekasekwa)
- Go lebanebiwa ga pego ya scoping ya bofelo

- Go tsenelela dikopano tsa setšhaba tsa tekodisano
- Go lebalebiwa ga tlhomo ya pego ya EIA
- Go lebalebiwa ga pego ya EIA ya bofelo
- Go lebalebiwa ga ditshwetso tsa bothati
- Thulaganyo ya ikuelo

Bakgatlhegi le baamegi ba amogelesega go tlhagisa ditshwaelo tsa bona le merero ya tikologo e e tshwenyang go Synergistics. Go mametleletswe mo tshobokanyong eno lethare le le ka tladiwang la ba la fetisediwa kwa go Synergistics kwa dintlheng tse di fa tlase:

### **Synergistics Environmental Services**

Zama Khumalo

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Fekese: +27 11 326 4118

**LETLHARE LA TSHWAELO YA SETŠHABA LA POROJEKE YA COZA IRON ORE**

<b>Leina:</b>	
<b>Aterese:</b>	
<b>Mogala/selefono:</b>	
<b>Fekese:</b>	
<b>Imeile:</b>	
<b>Letlha:</b>	
<b>Tshaeno:</b>	

**Fa o itse ka ga bangwe ba ba tshwanetseng go itsisewe ka porojeke, tsweetswee re fe dintlha tsa bona tsa kgolagano:**

<b>Leina:</b>	
<b>Aterese:</b>	
<b>Mogala/selefono :</b>	
<b>Fekese:</b>	
<b>Imeile:</b>	

**Morago ga gore o sekaseke tshobokanyo ya pego ya scoping, tsweetswee araba dipotso tse di latelang: (dirisa ditsebe tsa tlaleletso fa go tlhokega )**

**A o dumalana le seemo sa ga jaana sa tikologo? Fa go se jalo, tsweetswee re fe mabaka**


**A o dumalana le kamego ya ntlha e e kailweng. Fa go se jalo tsweetswee fa mabaka**


**A go na le ditlhabololo tse di rulagantsweng tse o itseng ka tsona tse di sa akarediwang mo pegong?**


**Tsweetswee re fe merero epe ya tlaleletso, matshwenyego kgotsa dipotso fa tlase:**


**BUSETSA LETLHARE LE LE TLADITSWE PELE GA KGOTSA KA 12 AUGUST 2013 GO:**

**Zama Khumalo**  
 COZA Iron Ore Project  
 Synergistics Environmental Services  
 Mogala: 011 326 4158  
 Fekese: 011 326 4118  
 Imeile: zama@synergistics.co.za or zkhumalo@slrconsulting.com  
 Poso: P O Box 68821, Bryanston,2021



**MAMENTLELELO YA A: DIPHOLO TSA THERISANO**

**Lenaneo la 1: Tshobokanyo ya Dikgang le Matshwenyego a Setšhaba**

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
Ditlhokego tsa Thebolo	15 Motsheganong 2013	Ms Jacoline Mans Lefapha la Temothuo, Dikgwa le Ditlhapi	Mogala: 054 334 0030 Imeile: JaolineMans@daff.gov.za	<ul style="list-style-type: none"> <li>• BID e boletse gore dikgaolo tse di amegang tsa mokoti o o bulegileng wa manya a tshipi o o tshitshintsweng le maratlatlha a a amanang le ona di tlaa nna e ka nna diheketara tse di 25 mo polaseng ya Doornpan le diheketara tse di 80 mo polaseng ya Driehoekspan. Ka ntsha ya gore go tlaa tlhokega gore go rengwe sekgwa go be go thagolwe, lo ka nna lwa tlhoka Laesense ya Molao wa Dikgwa (go tswa go DAFF) le Tetla ya Dimela (go tswa go Nature Conservation)</li> <li>• BID tlhagisitse peomolao ya tikologo e e botlhokwa go gaisa e e maleba le porojeke. Molao wa Tshomarelo ya Tikologo wa Kapa Bokone (Molao 9 wa 2009) (The Northern Cape Nature Conservation Act (Act 9 of 2009) (NCNCA)) le one o tshwanetse go dirisiwa</li> <li>• Tsweetswee fang ofisi eno dikhopi tsa ditokomane tse di maleba gore go tshwaelwe, segolo bogolo tsa boitseanape jwa bomefutafuta jwa ditshedi le dimela (biodiversity)/tshokatsheko ya</li> </ul>	<ul style="list-style-type: none"> <li>• Dikopo di tlaa isiwa kwa bathating ba ba lebaneng gore go tloswa mefuta ya dimela le ditlhare tse di sireleditsweng.</li> <li>• Go tlaa obamelwa Molao ka nako yotlhe ya Scoping le thulaganyo ya EIA.</li> <li>• Khopi ya CD ya EIA le pego ya EMPR gammogo le dithutopatisiso tsa boitseanape di tlaa isiwa kwa Lefapheng</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
				<p>ikholoji le EMPR (fa di sena go nna teng). Tsweetswee elang tlhoko gore ofisi ga e kgone go kopolola ditokomane tse di jalo go tswa mo inthaneteng le gone di tshwanetse go fiwa di le mo CD kgotsa ka fomate e e gatisitsweng mo pampiring.</p> <ul style="list-style-type: none"> <li>Tsweetswee netefatsang gore dikamego tse di lebeletsweng pele mo ditlhareng tse di sireleditsweng di a sekasekwa lo be lo leke go betla (design) moepo ka tsela e e tlaa fokotsang dikamego (fa di le teng) mo mefuteng ya ditlhare e e golang ka bonya e e jalo. Fa dikamego di ka se kgoneng go efogiwa, go ka nna ga tlhokiwa dikgato tse di lebang tsa go fokotsa dikamego di lebang tsa go fokotsa dikamego.</li> </ul>	<ul style="list-style-type: none"> <li>Dikamego tsa dimela di tlaa sekasekwa mo pegong ya EIA. Tshekatsheko ya kamego ya dimela e tlaa dirwa go tlhomamisa dikamego mo dimeleng. Fa di tlhokegang teng, dikgato tse di ka fokotsang dikamego di tlaa kaiwa mme leano la tsamaiso ya dimela le tlaa logiwa. Tshedimosetso e e tlaa akarediwa mo EIA le mo EMPR tse di tlaa phatlhaladiwang gore bothati le setšhaba ba di lebalebe.</li> </ul>
<p>Go kwadisiwa jaaka Mokgatlhegi le Moamegi (Interested and Affected Parties)</p>	<p>20 Motsheganong 2013</p>	<p>Rre. S.E Fiff Transnet Limited</p>	<p>P O Box 17308, Bainsvlei 9338 Mogala: (051) 408 2565</p>	<ul style="list-style-type: none"> <li>O kopile go kwadisiwa jaaka Mokgatlhegi le Moamegi</li> </ul>	<ul style="list-style-type: none"> <li>Rre Fiff o kwadisitswe mo deithabeising ya Bakgatlhegi le Baamegi, Leba Mametlelelo ya A1</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
	22 Motsheganong 2013	Rre Tumisang Tugane Afribits	Mogala: 079 874 0504 Imeile: infor@afribits.co.za	<ul style="list-style-type: none"> <li>O kopile go kwadisiwa jaaka Mokgatlhegi le Moamegi (IAP)</li> </ul>	<ul style="list-style-type: none"> <li>Rre Tugane o kwadisitswe mo deithabeising ya Bakgatlhegi le Baamegi (IAP), Leba Mametlelelo ya A1</li> </ul>
	24 Seetebosigo 2013	Moh Alretha Erasmus Postmasburg Landbou Unie	Mogala: 053 313 1333 Imeile: jimbosalretha@gmail.com	<ul style="list-style-type: none"> <li>O kopile go kwadisiwa jaaka Mokgatlhegi le Moamegi (IAP)</li> </ul>	<ul style="list-style-type: none"> <li>Moh Erasmus o kwadisitswe mo deithabeising ya Bakgatlhegi le Baamegi (IAP), Leba Mametlelelo ya A1</li> </ul>
Mesola go Merafe le Tsholetso	23 Motsheganong 2013	Graig Katz	10 Jakaranda Lane, Postdene, Postmasburg, 8420 Selefouno: 073 258 9846 Imeile: gregorygrraig101@gmail.com	<ul style="list-style-type: none"> <li>O boditse gore morafe o tlaa sologelwa jang ke porojeke tebang le thapo.</li> <li>O boditse gore porojeke e tlaa go fokotsa jang kelo e e kwa godimo ya botlhokatiro.</li> </ul>	<ul style="list-style-type: none"> <li>Tlhabololo e e tshitshintsweng e tlaa tlhoka phopholetso ya bathapiwa ba le 140 ka nako ya go dira ga moepo. COZA Mining e tlaa leka go thapa batho ba mo gae ka bojotlhe jo bo kgonegang mme se se tlaa ikaega ka mefuta ya bokgoni jo bo tlhokiwang le go nna teng ga bokgoni jo bo tlhokiwang mo bathong ba mo gae.</li> <li>Go tshwanetse ga elwa tlhoko gore jaaka karolo ya kopo ya tetla le tshwanelo ya go epa, COZA Mining e tlaa tlhokiwa gore e bakanye Leano la Loago le Ditiro le le tlhalosang leano la ekonomibogo, Tsholetso la kgaolo e Porojeke ya COZA Iron Ore e tlaa nnang mo go yona. Dintlha tsa leano di santse di</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
	23 Motsheganong 2013	Rowena Jacobs	14 Jakaranda Lane, Postdene, Postmasburg, 8420 Selefoundo: 079 146 9083	<ul style="list-style-type: none"> <li>O kopile gore ba itsisiwe ka tsa sešwengšweng tebang le porojeke a ba a botsa gore setšhaba se tlaa sologelwa jang ke porojeke.</li> </ul>	<p>rulagannwa ka therisano le bathati ba ba lebaneng le baemedi ba morafe.</p> <ul style="list-style-type: none"> <li>Bakgatlhegi le Baamegi (IAPs) ba ba kwadisitšweng mo deithabeising ya Bakgatlhegi le Baamegi ba tlaa amogela tshedimosetso ya tlhaeletsano ya porojeke ka nako yotlhe ya thulaganyo ya EIA. Jaaka karolo ya kopo ya ditshwanelo tsa go epa, COZA Mining e tlaa baakanya Leano la Loago le Ditiro le le tlhalosang leano la tsholetso ya ekonomiboago mo kgaolong e Porojeke ya COZA Iron Ore e tlaa nnang mo go yona. Go santse go rulagannwa dintlha tsa leano ka therisano le bathati le baemedi ba morafe.</li> </ul>
	23 Motsheganong 2013	Rre Boniface Masiame	Morafe wa Maremane P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>O boditse gore a go na le batho bape ba ba tswang mo setšhabeng ba a batlelwang thulaganyo tebang le badiri (dithutopatlisiso tsa boitseanape jo bo tseneletseng).</li> </ul>	<ul style="list-style-type: none"> <li>Dithutopatlisiso tsa boitseanape di dirwa ke baitseanape ba ba nang le dithuto tsa boitseanape ba ba yang kwa lefelong go tlathoba (scope) lefelo le go kgobokanya tshedimosetso (data). Ka tlwaelo ba ba bararo fela ka lobaka lo lo ka nna letsatsi le le 1. Tiro ya boitseanape ga e tlhoke badiri ka gore baitseanape ba dira tiro ka bobona. Ka jalo dithutopatlisiso tsa boitseanape ga di fe batho ba ba</li> </ul>



KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
					mo merafeng tshono ya ditiro. .
23 Motsheganong 2013	Itumeleng Moss		23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>O boditse gore porojeke le moepo di tlaa sologela merafe ya selegae jang.</li> </ul>	<ul style="list-style-type: none"> <li>Leano la Loago le Ditiro (Social and Labour Plan (SLP)) le tlaa tlhabololelwa moepo, mme le tlaa kaya diporojeke tsa selegae tsa tlhabololo ya ikonomi tse di tlaa sologelang morafe o porojekeng e direlwanng mo go ona.</li> </ul>
23 Motsheganong 2013	Rre Ephraim Sibanda		Morafe wa Maremane P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>O boditse gore a batho ba ba tswang mo Morafeng wa Maremane ba tlaa sologelwa tebang le go thapiwa fa go porosesiwa ga manya go ka direlwa go sele. O kaile gore o dumela gore go porosesa go tlhola ditshono tse dintsi tsa thapo go na le tse di tlholwang ke go epa.</li> </ul>	<ul style="list-style-type: none"> <li>Metswedi ya manya a a kwa Driehoekspan le Doornpan ga a bontsi jo bo ka lopang gore go nne le polante ya go porosesa mo kgaolong ya moepo. Go na le kgaolo enngwe e COZA e e kgatlhegelang e gongwe e ka nnang le metswedi ya manya a a lekaneng go tshegetsa polante ya go porosesa. Tebang le ditshono tsa ditiro, Leano la Loago le Ditiro (SLP) la COZA le tlaa tshwanelwa ke go sekaseka batho baba kwa dikgaolong tse tharo tsa meepo, ke go re Driehoekspan, Doornpan le mafelo a mangwe a a kgatlhegelwang.</li> </ul>
23 Motsheganong	Lebogang Kunere		Morafe wa Maremane P O Box 688	<ul style="list-style-type: none"> <li>O boditse gore morafe o tlaa direlwa eng fa go simololwa go epiwa moepo</li> </ul>	<ul style="list-style-type: none"> <li>Go tlhabololwa Leano la Loago le Ditiro (Social and Labour Plan</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
	2013		Postmasburg, 8420 076 327 8305	le go bona dipolelo. O kaile gore morafe o tlhoka go nna le mogopolo wa gore ke mesola efe e o tlaa e amogelang go tswa mo porojekeng.	(SLP)) ga jaana jaaka karolo ya kopo ya tshwanelo (tetla) ya moepo. Morafe o tlaa rerisiwa ka diporojeke tsa tlhabololo tsa morafe tse di tlaa nnang karolo ya SLP. Ka ntsha ya gore SLP e santse e tlhabololwa ga jaana, COZA e santse e se mo maemong a go bolela mesola ya merafe. Tshedimosetso eno e tlaa bolelwa morago ga SLP e sena go wediwa.
	23 Motsheganong 2013	Mathapelo Kgotlaekae	Morafe wa Maremane P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>O kaile gore morafe o boifa gore fa COZA e sena go fiwa tshwanelo le tetla ya go epa, ga go kitla go nna le mesola epe e e tlaa tlelang morafe.</li> <li>O kopile gore morafe o rerisiwe fa go baakanngwa SLP</li> </ul>	<ul style="list-style-type: none"> <li>Go santse go dirwa tlhomo ya SLP. Tokomane eno e tlaa tlhagisa maano a go akarediwa ga morafe. Ona a tlaa bolelelwa morafe morago ga tlhomo ya maano e sena go dirwa</li> <li>Go santse go dirwa tlhomo ya SLP mme o dumela gore go nnile le dipuisano le morafe. O kaile gore o tlaa tlhomamisa gore a go nnile le dipuisano dipe le go tlhomamisa gore ke mang yo o rerisitsweng fa go ne go dirwa tlhomo ya SLP mme o tlaa fa karabo.</li> </ul>
	5 Seetebosigo 2013	Rre Brandon Adams	Mogala: (053) 313 3172 Imeile: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>Fa diporojeke tsa bogolo jo bokana di dirwa, beng gae kakakaretso ba tlogelwa kwa ntle gore ba se tseye karolo mo tlhabololong le mahumong l dimenerale tsa bona tse di epilweng. Go retelelwa ke go fitlhelela tshono e ya go tlhola mahumo go kgorelediwa ke</li> </ul>	<ul style="list-style-type: none"> <li>COZA e itlamile ka bottlalo go diragatsa maano a tlhabololo a a tlaa bebofatsang tlhabololo ya selegae le ya metse ya magae jaaka karolo ya SLP ya bona. Le fa go le jalo, porojeke e santse e le kwa tshimologong le gone ba COZA ba santse ba bopa SLP ya bona.</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
				<p>melawana le ditaolwana “tse di dikologang di diya nako”, tse di dirang gore go se kgonege go tsaya karolo mme fa babeeletsi ba simolola go dira mahumo a bona, ba a nyelela mme ba tlogela baagi ba seleae ba sa ungwela ke sepe.</p>	<p>Mo bogompienong ga go na tshedimosetso epe e e totobetse e e ka fiwang ka ga ditiro tsa tlhabololo ya morafe tse di farologaneng tse di tlaa diragadiwang ke COZA. Le gale, jaaka karolo ya Tshekatsheko ya Kamego ya Tikologo ya Porojeke ya COZA Iron Ore, tshekatsheko ya kamego ya loago e tlaa dirwa mme e tlaa fa tshedimosetso ka ga mesola e porojeke e ka nnang ya e fa merafe ya selegae. Tshedimosetso eno e tlaa nna teng mo Pegong ya Kamego ya Tikologo (Environmental Impact Report), e mofuta wa yona o e santseng e le tlhomo o tlaa nnang teng gore o lebalebiwe ke setšhaba Ngwanaitseele wa 2013 a santse a simologa.</p>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
Potielo ya Isago	23 Motsheganong 2013	Islay Jane Sparks of Kumba Iron Ore's Kolumela Mine	PO Box 1420, Postmasburg, 8420 Selefoundo: 081 038 2368 Imeile: islay-jane-sparks@angloamerican.com	<ul style="list-style-type: none"> <li>O boditse gore moepo o tlaa umisa ka bogolo jo bokae</li> <li>O boditse ka kgonagalo ya katoloso e nngwe gape le gore a utololo e santse e tswela.</li> </ul>	<ul style="list-style-type: none"> <li>E re ka porojeke e santse e le mo kगतong ya mogopolo go thata go fopholetsa, mme selekanyo sa tlaa nna phopholetso ya ditone tse di 500 000 ka ngwaga ka nako ya kgato ya tiro ya go epa.</li> <li>Go na le ditshono tsa katoloso e nngwe. COZA ga jaana e samagane le phopholetso ya metswedithuso ya yona. Gape go na le dikgaolo tse dingwe tse COZA Mining e nang le kgatlhego ya go epa mo go tsona mo Kapa Bokone.</li> </ul>
Therisano le morafe	23 Motsheganong 2013	Itumeleng Moss	23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>O boditse gape gore a mmasepala o rerisitswe</li> </ul>	<ul style="list-style-type: none"> <li>Ditaleto di rometswe go Meiyara wa Mmasepala, Motsamaisi le Motsamaisi wa Tikologo gammogo le Motlhankedi wa Tlhabololo ya Ikonomi wa selegae. Mokhanselara wa wote, o le ena a rerisitsweng, o arabile a ba a kopa Synergistics gore e tshware kopano gape le morafe wa Maremane.</li> </ul>
	23 Motsheganong 2013	Rre Boniface Masiame	Morafe wa Maremane P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>O tlhagisitse ntlha ya gore tshedimosetso ka ga kopano ga e ka phasaladiwa sentle mo Morafeng wa Maremane.</li> </ul>	<ul style="list-style-type: none"> <li>Morafe o kailwe ka phatlhalatso ya di-BID. Syneristics gape e rerisantse le Mpho, mokhanselara wa wote, le Joseph, ba e leng baemedi ba morafe wa Maremane. Morafe wa Maremane o rile o ne o itse ka ga kopano ya kwa Postmasburg mme fela go ne go le kgakala thata, ka jalo o ne wa rulaganyetswa kopano e nngwe kwa Holong ya Morafe ya</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
					<p>Maremane.</p> <ul style="list-style-type: none"> <li>• Go itumelelwa fa morafe o ka gakolola Synergistics gore e ka dirisa tsela efe e e gaisang tsoitlhe ya go akaretsa merafe.</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
<b>Therisano le Morafe</b>	23 Motsheganong 2013	Rre Boniface Masiame	Morafe wa Maremane P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>• O boditse gore a Lefapha la Tlhabololo ya Metse ya magae le Tokafatso ya Lefatshe (Department of Rural Development and Land Reform (RDLR)) le rerisitswe ka le le bothokwa mo thulaganyong ya topo ya pusetso-lefatshe ya Morafe wa Maremane.</li>   <li>• O kaile gore go na le batho ba ba seng mo kgaolong ba mme ba tlaa hudusediwang mo lefatsheng le mo lobakeng lo lo tlang, ba ba tlaa amiwang ke tlhabololo e. O boditse gore batho bano ba tlaa akarediwa jang.</li>   <li>• O tlhagisitse kgang ya gore batho bangwe ba Morafe wa Maremane ba tswa mo kgaolong ya Kuruman le gore kopano eno le porojeke di kgakala thata le Kuruman. Ka jalo batho ga ba na go itse se se</li> </ul>	<ul style="list-style-type: none"> <li>• Tebang le lefapha la Tlhabololo ya Metse ya magae le Tokafatso ya Lefatshe, Lefapha le itsisitswe ka porojeke, le amogetse di-BID la ba la itsisiwe ka thulaganyo ya EIA. Lefapha la Metswedithutso ya Diminerale (Department of Mineral Resources (DMR)), mo pegong ya lona, le lona le batla go itse fa Lefapha la Tlhabololo ya Metse ya magae le Tokafatso ya Lefatshe (RDLR) le rerisitswe.</li>   <li>• Go ka itumelwa fa morafe o ka re gakolola ka ga baeteledipele ba morafe ba ba farologaneng ba ba tshwanetseng go kwadisiwa mo deithabeising ya Bakgatlhegi le Baamegi. Baemedi ba ba supilweng ba tlaa itsisiwe ka ditlhabololo tsa porojeke mme baemedi le bone fela jalo ba tlaa begela ditokololo tse dingwe tsa Morafe wa Maremane.</li>   <li>• Ga go ne go kgonaga go nna le dikopano le batho ba ba tswang gongwe le gongwe mo kgaolong jaaka Kuruman. Re dirisana le batho ba go nang le kgonagalo e e gaisang tsoitlhe ya gore ba amiwe ka tlhamalalo ke porojeke. Le fa go le jalo, batho ba ba tswang kurumang ga ka tlogelwe kwa ntle,</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
				<ul style="list-style-type: none"> <li>• O boditse gore a dikopano di ka tshwarelwa kwa Kuruman</li>   <li>• O thagisitse matshwenyego a gore Morafe wa Maremane wa kwa Kuruman ga o akarediwe mo thulaganyong ya botsayakarolo jwa setšhaba le gore go ka thagoga mathata fa batho ba tla kwa Maremane ba tswa kwa Kuruman.</li> </ul>	<p>go ne go ka siama segolo gore baeteledipele ba merafe e e farologaneng ba tle dikopanong tse di beilweng.</p> <ul style="list-style-type: none"> <li>• Kuruman e kgakala thata mo bathong ba ba tswang Maremane gape Kurumanga se kgaolo e e tlaa amiwang ka thamalalo ke porojeke. Boithophelo jo bo gaisang e ka nna gore baeteledipele ba merafe ya Kuruman go tla kwa dikopanong tsa kwa Maremane le go fa tshedimosetso e e lekodisang go batho ba morafe.</li>   <li>• Batho ba ba ikwadisang ba tlaa itsisiwe ka nako yotlhe ya thulaganyo. Synergistics e tlaa rata gore baeteledipele ba nne le seabe mo go itsiseng merafe e mengwe.</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
	23 Motsheganong 2013	Hilda Sibanda Morafe wa Maremane Member	Morafe wa Maremane P O Box 688 Postmasburg, 8420 071 979 5017	<ul style="list-style-type: none"> <li>• O kaile gore o okaoka go dumela dikhonesaletente tsa tikologo tse di ikemetseng. O kaile gore morafe o kile wa rerisiwa mo lobakeng lo lo fetileng ke dikhonesaletente tse di ikemetseng tsa Moepo wa Sedibeng, le fa go le jalo ga ba a ka ba itsisewe fa moepo o simolola. O boletse gore morafe o boifa gore go tlaa diragala selo se se tshwanang le ka porojeke ya COZA.</li> <li>• O boditse gore goreng go isitswe kopo kwa Lefapheng la Tikologo le Tshomarelo ya Tlholego pele ga go tshwarwa ditherisano le merafe?</li> </ul>	<ul style="list-style-type: none"> <li>• Jaaka dikhonesaletente, Synergistics e tلاميwa ke molao go itsise Bakgathegi le Baamegi (IAPs) ka ga ditshwetso tsa bathati tebang le Molao wa Tsamaiso ya Tikologo wa Bosetšhaba (No ya 107 wa 1998) (NEMA). Ka jalo Morafe wa Maremane o tlaa itsisewe ka poso kgotsa ka sms. O kaile gore ditokololo tsa morafe di tlaa itsisewe ka ga tswelelopele ka nako yotlhe ya thulaganyo ya EIA. O tthalositse gore Tirego ya Botsayakarolo jwa Setšhaba (Public Participation Process (PPP)) e letla go akarediwa ga merafe</li> <li>• Kopo e e yang go NEMA e ne ya tsenngwa jaaka go lopiwa ke molao. O gaketse gore kopo e itsise Lefapha ka maikaelelo a go simolola thulaganyo ya EIA</li> </ul>
	23 Motsheganong 2013	Mathapelo Kgotlaekae	Morafe wa Maremane P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>• O kaile gore Morafe wa Maremane o na le pelaelo ya gore Synergistics e tlaa boa go kopana le morafe</li> </ul>	<ul style="list-style-type: none"> <li>• Go tlaa nna le kopano ya lekodisetša tshedimosetso, foo Synergistics e tllhagisang tse di fitlheletsweng ke EIA. O kaile gore morafe le ona o tlaa itsisiwe ka ga go nna teng ga dipego tsa tikologo gore o di lebalebe gammogo le ditshwetso tsa bothati.</li> </ul>



KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
	5 Seetebosigo 2013	Rre Brandon Adams	Mogala: (053) 313 3172 Imeile: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>Kopano ya go abelana ka tshedimotsetso e tshwerwe ka 23 Motsheganong 2013, le fa go le jalo ga go a fiwa kitsiso pele go Bakgatlhegi le Baamegi. Go ne go tshwanetse gore kopano e phasaladiwe mo kuranteng ya selegae (The Ghaap, Diamond Field Advertiser).</li> </ul>	<ul style="list-style-type: none"> <li>Kopano ya go abelana ka tshedimotsetso e phasaladitswe mo Kalahari Bulletin le mo Kathu Gazette. Dikuranta tse di anamisiwa mo kgaolong ya thutopatlisiso le mo tikologong ya yona. Tsweetswee leba Karolo ya 3.5 mo thulaganyong ya kitsiso ya Bakgatlhegi le Baamegi (IAP).</li> </ul>
Dikamego tsa Moepo tse di Kokotlelegang	23 Motsheganong 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>O tthagisitse matshwenyego go popomalo ga meepo mo kgaolong le mathata a mantsi a a sa rarabololweng ka mo go lebaneng. O kaile gore go na le mathata a a tsalanang le metsi a a ka fa tlase ga lefatshe le lorole ka ntlha ya meepo e e mo kgaolong.</li> </ul>	<ul style="list-style-type: none"> <li>Dikamego tse thutopatlisiso eno di tlaa nnang le yona mo kgaolong ei tlaa sekasekwa go lebilwe maitshwego a gore ke eng se porojeke e tlaa se oketsang mo maemong a ga jaana a motheo a a akaretsang dikamego dipe tse di leng teng. Mmetsi a a ka fa tlase ga lefatshe le dikamego tse di tsalanang le mowa di tlaa arabiwa mo EIA.</li> </ul>
Dikamego tsa Tikologo tsa Porojeke	5 Seetebosigo 2013	Rre Brandon Adams	Mogala: (053) 313 3172 Imeile: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>Kgotlelego e tlaa ama merafe e e dikologileng ditiro tsa meepo; ke dikgato dife tsa paakanyo tse di tlaa tsewang go fokotsa se</li> </ul>	<ul style="list-style-type: none"> <li>Tshekatsheko ya kamego ya tikologo e tlaa dirwa go supa dikamego tsa tikologo le ekonomiboago tsa porojeke. Tsweetswee leba karolo ya 7 go bona lenane la dikamego tse di ka kgonegang le Karolo 8 go bona leano la thutopatlisiso la EIA.</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
Dikgato tsa Porojeke	23 Motsheganong 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>O boditse gore thulaganyo e tsamaya fa kgatong efe ga jaana.</li> </ul>	<ul style="list-style-type: none"> <li>Thulaganyo e mo kgatong ya yona ya ntlha, ebong kgato ya scoping e mo go yona go nang le therisano le Bakgatlhegi le Baamegi (IAPs), merero e e ka tthagogang e a kaiwa mme go dirwa mabaka a kaelang tiro (terms of reference).</li> </ul>
Lefelo la Porojeke	23 Motsheganong 2013	Alfred Pegram	Private Bag X5005, Kimberley, 8300 apegram@ncpg.gov.za	<ul style="list-style-type: none"> <li>O boditse gore porojeke e tllile go nna bokgakala jo bo kae go tswa fa Portion 3 ya Polasa ya 445 e leng gone.</li> </ul>	<ul style="list-style-type: none"> <li>Kgaolo ya moepo e tlaa nna phopholetso ya 3 km go tswa fa Portion 3 ya Polasa ya 445 e leng gone.</li> </ul>
Ditiro tsa Potielo	23 Motsheganong 2013	Rre Boniface Masiame	Morafe wa Maremane P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Tebang le tokomane ya DMR ya 2010, Mokgatlhegi le Moamegi o boditse ka laesense ya potielo le ya go epa le gore goreng COZA e sa epe mo dikgaolong tsotlhe.</li> </ul>	<ul style="list-style-type: none"> <li>COZA e filwe ditshwanele (laesense) tsa go potielana mo dipolaseng tse di farologaneng mme ba rulaganya fela go epa mo Portion 1 ya Doornpan le mo Sekgaleng se se Setseng (Remaining Extent) sa Driehoekspan mo lobakeng lwa gompiano.</li> </ul>
	23 Motsheganong 2013	Lebogang Kunere	Morafe wa Maremane P O Box 688 Postmasburg, 8420 076 327 8305	<ul style="list-style-type: none"> <li>O boditse gore a go tshwanetse ga nna le patlisiso ya metswedi pele go ka simololwa go epiwa.</li> <li>O boditse gore ke lotseno lofe lo lo amogetsweng go tswa mo potielong le gore madi ao a dirisitswe kae</li> </ul>	<ul style="list-style-type: none"> <li>Ditiro tsa potielo di setse di diretswe porojeke le gone setlhophla sa porojeke se setse ga jaana se le mo thulaganyong ya go fopholetsa metswedithuso.</li> <li>Ga go na madi ape a a amogetsweng go tswa mo potielong</li> </ul>

KGANG E E TSHWENYANG	LETLHA	LEINA	DINTLHA TSA KGOLAGANO	DITSHWAELO	KARABO
Tshedimosetso ka ga Mokopi	23 Motsheganong 2013	Rre Ephraim Sibanda	Morafe wa Maremane P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>O kopile okenokeramo ya COZA Mining.</li> </ul>	<ul style="list-style-type: none"> <li>COZA Mining e santse e le setlamo se sentšhwa ka jalo ga go ise go nne le okenokeramo. Setšhaba se tshwanetse go dirisana le Synergistics le motsamaisi wa porojeke Rre Tabi Kowet.</li> </ul>
Thulaganyo ya Kopo	23 Motsheganong 2013	Rre Ephraim Sibanda	Morafe wa Maremane P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>O boditse gore a COZA Mining e na le lasense/teseletso ya go epa</li> </ul>	<ul style="list-style-type: none"> <li>COZA g e na laesense (right) ya go epa mme e na le laesense (right) ya go potielala. Thulaganyo ya EIA ya ga jaana e tsewa gore go tle go dirwe kopo ya go nna le laesense ya go epa. Kopo ya go epa e tlaa tsenngwa kwa bokhutlong jwa Seetebosigo 2013.</li> </ul>

Proponent: **COZA MINING (PTY) LTD**

Project: **COZA IRON ORE PROJECT**

Report Name: **Summary of Scoping Report**

Report Date: 8 July 2013

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2 Wattle Grove, Hilton, 3201

## **1 PURPOSE OF THIS SUMMARY**

Synergistics Environmental Services (Pty) Ltd has been appointed to undertake the Scoping and Environmental Impact Assessment (EIA) process required for the COZA Iron Ore Project as required by environmental legislation. This is a summary of the Scoping Report which has been prepared for the first phase of the environmental impact assessment process. The copy of the scoping report can be obtained from Mrs Hilda Sibanda at the Lohatla Community Crèche. Please note that the report is in English. Included in this summary are the preliminary results of the public participation process, description of the baseline environment and the plan of study for the EIA. The reader is encouraged to review the Scoping Report in order to obtain detailed information on the project.

## **2 INTRODUCTION TO PROJECT**

COZA Mining (Pty) Ltd is a junior mining company that is proposing to develop the COZA Iron Ore Project located in the jurisdiction of the Tsantsabane Local Municipality in the Northern Cape Province. The project is situated approximately 10 km north-northwest of Postmasburg and 12 km southwest of the Lohatla Military Base (Refer to Figure 1). This is a green-fields project that will involve the mining of iron ore from two pits by means of a truck and shovel operation. It is proposed that mine pits be established on the Farm Driehoekspan 435 (Remaining Extent) (Driehoekspan) and Farm Doornpan 445 (Portion 1) (Doornpan). Mined ore will be crushed, screened and blended on site prior to being transported for further processing at an offsite location. The processed ore will then be transported via rail to AMSA's steel plants located in Vanderdijlpark, Vereeniging and Newcastle.

There will be labour required for the construction and operational phases of the mine. The total staff requirement at full production is estimated at 140 persons. Employment numbers during the construction phase will be confirmed during the EIA once the project description has been finalised. Both the construction and operation of the mine will be undertaken by contractors.

The mine will require the following support infrastructure:

- Water management infrastructure: dams and water pipelines
- Waste management infrastructure: general and hazardous waste and waste tyre storage facilities and sewage treatment plant.
- Dangerous goods storage facilities: fuel and explosives storage
- Temporary accommodation for the construction phase
- Mine's power supply infrastructure such as diesel generators, power lines and substation

### 3 PROJECT ALTERNATIVES

The following project alternatives will be considered in the EIA process

- **No-Go Alternative:** The no-go alternative would mean that the COZA Iron Ore Project is not undertaken and therefore the associated negative environmental and social impacts will not occur.
- **Water Supply Alternatives:** Two alternatives are being considered for water supply at the mine. These include abstraction of water from site boreholes and pit dewatering or linking to Sedibeng Water's Vaal Gamagara Pipeline located east of the study area.
- **Location of Mine Infrastructure:** Although the location of the pit is fixed as a result of accessing the mineral reserves, alternatives will be considered as far as possible for the location of waste sites as well as plant and administration buildings based on the findings of specialist studies
- **Final Land Use Alternatives:** The current land use that exists on the property is livestock grazing (goats and sheep). The current land use will be considered and assessed in the EIA as a possibility for the final land use after mining. Other possible land uses taking due consideration of the land capability will be investigated and assessed in the EIA report

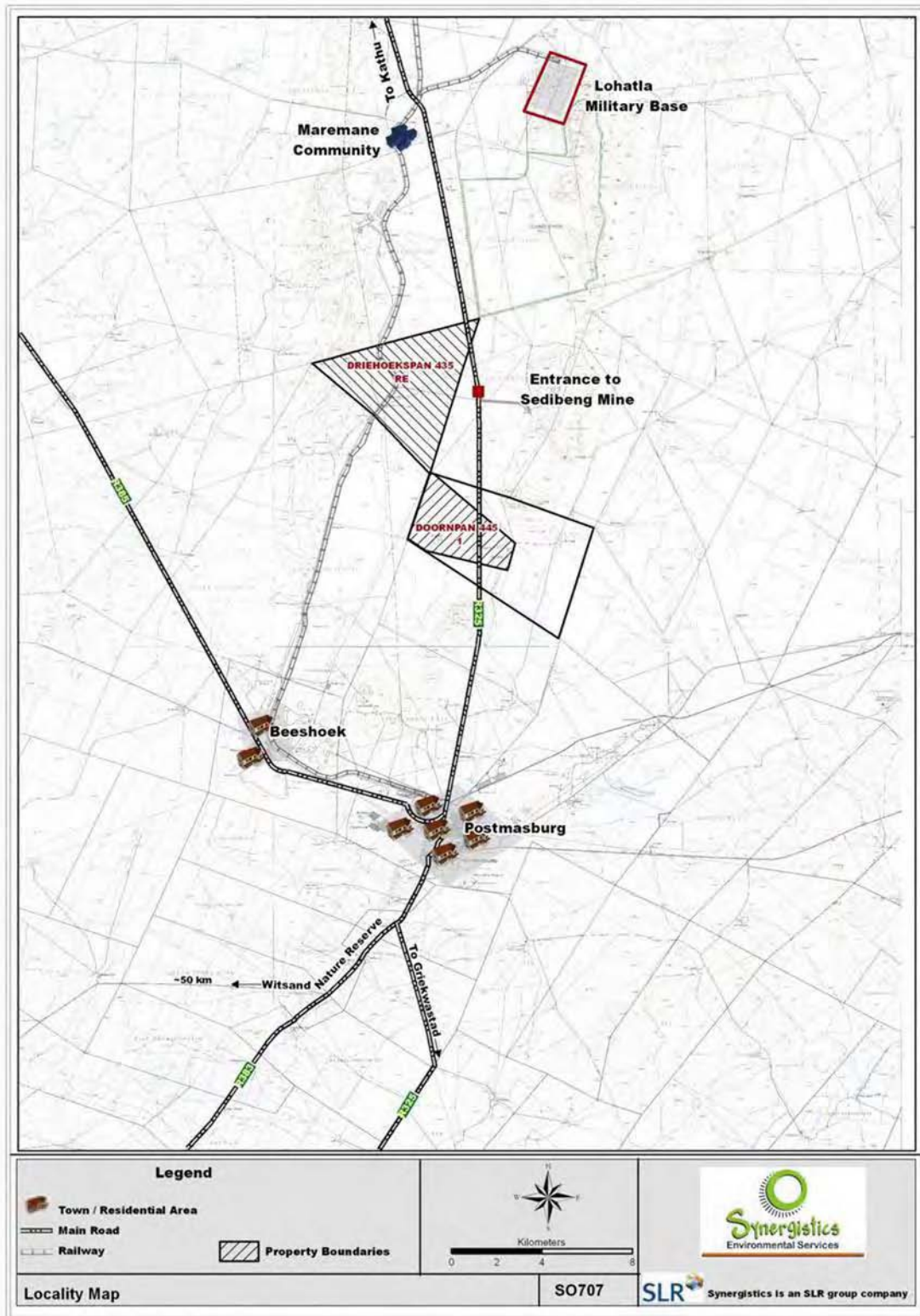


Figure 1: Approximate Location of the COZA Iron Ore Project

## 4 LEGISLATIVE REQUIREMENTS

The COZA Iron Ore Project will require the following main environmental approvals before commencing:

- Environmental Authorisation: For activities listed under the 2010 EIA Regulations of the National Environmental Management Act (No. 107 of 1998) as amended (NEMA). The application has been submitted and the project has been assigned reference number: NC/EIA/04/SIY/TSA/POS/DRIE/2013/NCP/EIA/0000215/2013.
- Waste Management Licence: For activities listed under National Environmental Management: Waste Act (No. 59 of 2008) (NEM: WA). The application has been submitted and assigned reference number: 12/9/11/L1235/8.
- Mining Right: As required by Section 22 of the Mineral and Petroleum Resources Development Act (No. 28 of 2002) as amended (MPRDA). An application is to be submitted at the end of June for Doornpan and Driehoekspan will follow at a later stage.
- Integrated Water Use License (IWUL) and Integrated Water and Waste Management Plan (IWWMP): As required in terms of the National Water Act (No 36 of 1998) (NWA). An application will be submitted in November 2013.

In addition to the four environmental approvals, the following additional authorisations will be required

- The South African Heritage Resources Agency needs to approve a heritage assessment, to be conducted as part of the overall EIA process, in terms of the National Heritage Resources Act (No 25 of 1999). Permits will be required for the destruction or removal of any heritage resources affected by the development.
- A permit for the removal of protected floral and faunal species in terms of the Northern Cape Nature Conservation Act (No 9 of 2009) (NCNCA and the National Forest Act (No 84 of 1998).

The EIA process for the COZA Iron Ore Project is still at its initial stages and no environmental approvals have been obtained.



## **5 STUDY OBJECTIVES**

Scoping forms the first phase of the EIA process and aims at achieving the following objectives:

- To obtain an overview of the baseline environmental and social conditions of the project area;
- To identify and notify potential interested and affected parties for the project;
- To identify potential impacts of the project;
- To identify the need for further environmental studies and to define the terms of reference for the EIA phase of the project.

## **6 RESULTS OF PUBLIC PARTICIPATION**

### **6.1 Interested and Affected Parties for the COZA Iron Ore Project**

Potential Interested and Affected Parties (IAPs) were identified using existing databases for similar developments in the Postmasburg and Sishen area. The databases included authorities, ratepayers association, farmers union and surrounding mines. The contact details of the IAPs were verified and updated where necessary. Landowners on and surrounding the project sites were identified using the LexisNexis title deed search and networking. The following stakeholders have been identified thus far:

- Landowners: the landowner for Driehoekspan and Doornpan is the Maremane Community. The Maremane Community is represented by Mr More Matsidi. Members of the community have also been registered as IAPs;
- Surrounding Landowners;
- Surrounding Mines;
- National and Provincial Authorities with an interest on the project;
- Local Authorities; and
- General public.

A list of all parties that have been identified thus far is included as Appendix A1 of the Scoping Report.

## **6.2 Notification of Landowners, Lawful Occupiers and Interested and Affected Parties**

The scoping public consultation process has been carried out between May-June 2013. As part of the consultation process, Interested and Affected Parties (IAPs) should be notified of the proposed development and Scoping and EIA process being undertaken. Notifications to IAPs were provided in English, Afrikaans and Setswana where required. Potential IAPs were notified of the project by means of:

- Direct letter to the landowners, a letter was sent to Mr More Matsidi as a representative of the Maremane Community. Mr Matsidi signed the acknowledgment of receipt on the 8<sup>th</sup> of March 2013 and signed for consent to undertake the waste management listed activities in terms of NEM:WA on Driehoekspan and Doornpan.
- Distribution of the Background Information Document (BID) by hand during site visit, via email and at the information sharing meetings. The BID contained background information of the project, EIA process and Public participation process. A response sheet was attached to the BID which afforded IAPs an opportunity to forward their issues of concern to Synergistics.
- Press and site notification (Adverts were placed in the Kathu Gazette and the Volksblad, site notices were placed at the entrances to Driehoekspan and Doornpan, Maremane Community local shop and at Tsatsabane Local Municipality).
- Two Public Information Sharing meetings (meetings were held at Maremane Community and Postmasburg).

## **6.3 Public Issues and Concerns**

Issues of concern that were raised are included in Appendix A. Below is a summary of issues that have been raised to date:

### **6.3.1 Authority Requirements**

- The Northern Cape Department of Agriculture, Forestry and Fisheries advised that the Northern Cape Nature Conservation Act (No 9 of 2009) (NCNCA) should be considered if there is a requirement for the removal of protected faunal and floral species

### **6.3.2 Community Development and Upliftment**

- The community requested a list of projects that will form part of COZA's local development projects under their Social and Labour Plan.
- COZA Mining's employment plans were requested.

### **6.3.3 COZA Mining's Future Prospecting**

- A question on future exploration activities and mine expansions was raised.

### **6.3.4 Community Consultation**

- Concerns were raised that not all the relevant IAPs were aware of the public information sharing meetings held in May 2013.
- A request was made that other local newspapers should be considered when placing press notices in future.
- Concern was raised that members of the Maremane Community not residing at Lohatla will be excluded from the public participation process.
- Maremane Community requested to be consulted when deciding on the local economic development projects in support of the Social and Labour Plan.
- Maremane community was worried that the community will not be notified of progress with the EIA and subsequent decisions from the authorities.

### **6.3.5 Projects Environmental Impacts**

- Concerns were raised on the mine's impact on groundwater resources. There was a concern that dewatering activities will result in the lowering of the water table.
- A concern on the decrease in ambient air quality due to mining activities was raised.

## **7 OVERVIEW OF THE BASELINE ENVIRONMENT**

### **7.1 Socio-Economic Environment**

#### **7.1.1 Current Land use**

The study area is within a rural district zoned for agricultural use. The dominant land use in the area surrounding the COZA Iron Ore project is livestock farming. Due to the arid nature of the climate, intensive commercial agriculture is not possible. Mining activities as well as infrastructure associated with mining activities (power lines and railway.) are also prevalent in the area.

#### **7.1.2 Heritage Resources**

A total of three sites have been identified on Driehoekspan, which included a Quartzite Early Stone Age core, a historic structure of unknown function as well as a possible Later Stone Age knapping site. One Early and one Middle Stone Age site were also identified on Doornpan.

The occurrence of graves in the study area will be determined in the EIA phase. The community is however encouraged to provide any information of graves located on Driehoekspan and Doornpan.

### **7.1.3 Land Tenure**

The proposed study area is located on land owned by the Maremane Community. The land is registered under the Maremane Communal Property Association (MCPA). The MCPA represents members of the community that have legal right over the land.

Mr More Mastididi was consulted as a representative of the community, however, consultations with the other members of the Maremane community have revealed that there are other members of the CPA that need to be consulted. Synergistics is currently in the process of identifying the relevant members of the CPA to ensure that they are notified of the proposed project

### **7.1.4 Description of Local Communities**

#### Maremane Community

Members of the Maremane community were dispossessed of their land for the purposes of establishing the Lohatla Military Base in the 1970's. The displaced people were taken to places such as Laxey, Pepsi and the surrounding areas of Kuruman (The New Age, 24 April 2012). According to the Rural Development and Land Reform's former deputy minister in 2010 Mr Thulas Nxesi, the Maremane community lost approximately 12 million hectares of land (South African Government Information, 4 December 2010). Post 1994 the community lodged a claim to have their land returned and in 2010 the community was handed over 11 200 ha of land on properties surrounding the military base. Figure 5.16 illustrates areas where some members of the Maremane Community are currently located near the study area. The majority of the people are currently residing in an informal settlement located on Farm Lohatla this settlement area is currently referred to as Lohatla by its inhabitants. There is little economic activities occurring in the area except for a local shop and a crèche. During the public meeting held with the community, it was evident that the employment rate is low. There are also a small number of people forming part of the Maremane community located on Farm Driehoekspan. This group of people is involved in agricultural activities (goat and sheep farming).

The current areas where the Maremane community are residing are not included in the local municipality's town planning scheme and therefore there are some challenges with service delivery.

#### Farming Community

Two local farmers who are involved in low intensity stock farming (cattle and sheep) also surround the study area. There is a game farm approximately 6 km north east of Driehoekspan.

## **7.2 Bio-Physical Environment**

### **7.2.1 Climate**

The study area is located in a semi-arid area with a mean annual precipitation of 318 mm and annual evaporation of 2 450 mm. The maximum temperature recorded at a weather station located approximately 20 km south of the project area is 46.5 °C and the minimum is -8.4 °C.

### **7.2.2 Topography, Soils and Land Capability**

The study area is flanked by hills to the west and east. The general topography within the study area is flat to undulating with an average surface elevation of approximately 1 370m above mean sea level (mamsl). The study area is underlain by rocks of the Lime Acres of the Campbellrand Group, these rocks consists of dolomitic limestone. The area has generally shallow soils not exceeding more than 300 mm in depth. The land capabilities of the area as classified by the ARC Institute for Soil, Climate and Water are wilderness and grazing. As indicated before, the arid nature of the study area limits extensive agricultural activities.

### **7.2.3 Water Resources**

The general geohydrological regime in the area is made up of two aquifer systems. The first, upper, semi-confined to unconfined aquifer occurs in the calcrete underlain by a clayey layer. This aquifer has been a reliable source of water supply for many decades to the farming community. The second, deeper aquifer is associated with the fractures, fissures and joints and other discontinuities within the older Transvaal Supergroup rocks. Groundwater is the main source of water supply for domestic and agricultural activities in the study area.

In terms of surface water features, the drainage system of the area is an endorheic system, which means that the ephemeral drainage lines within the study area do not release to a river but rather to the surrounding pans. Ephemeral wetlands and drainage lines were identified on both properties (see Figure 2). The ephemeral drainage line of Driehoekspan is likely to be disturbed by the COZA Iron Ore Project.

### **7.2.4 Fauna and Flora**

The study area falls within the Eastern Kalahari Bushveld Bioregion of the Savanna Biome. There are two vegetation types present in the study area which include the Kuruman Thronveld and Kuruman Mountain Bushveld. Three protected tree species are found in this region. These include the Camel Thorn Tree (*Acacia erioloba*), the Grey Camel Thorn (*Acacia haematoxylon*), and the shepherd's tree (*Boscia albitrunca*) (Seymour & Milton 2003). The camel thorn tree has been confirmed to occur within the proposed mining area.

With regard to fauna, the faunal species diversity and numbers in the region is relatively low as is typical of semi-desert areas. The area proposed for development and its immediate surrounds is largely undeveloped. However, considerable degradation of the natural habitat has occurred in the region due mainly to mining, especially on the iron and manganese ore hills and outcrops between Kathu and Postmasburg. From reviewing literature, museum records and past surveys, it is likely that the following faunal species occur on site: Bushveld Sengi (*Elephantulus intufi*) (Data Deficient), the African Wild Cat *Felis silvestris lybica* (Least Concern / Protected Species), Rock Monitor *Varanus albigularis* (Globally Vulnerable / Protected Species), two species of Burrowing Scorpion (Protected Species), and a species of Creeping Scorpion. The presence of these species will be confirmed during the EIA phase

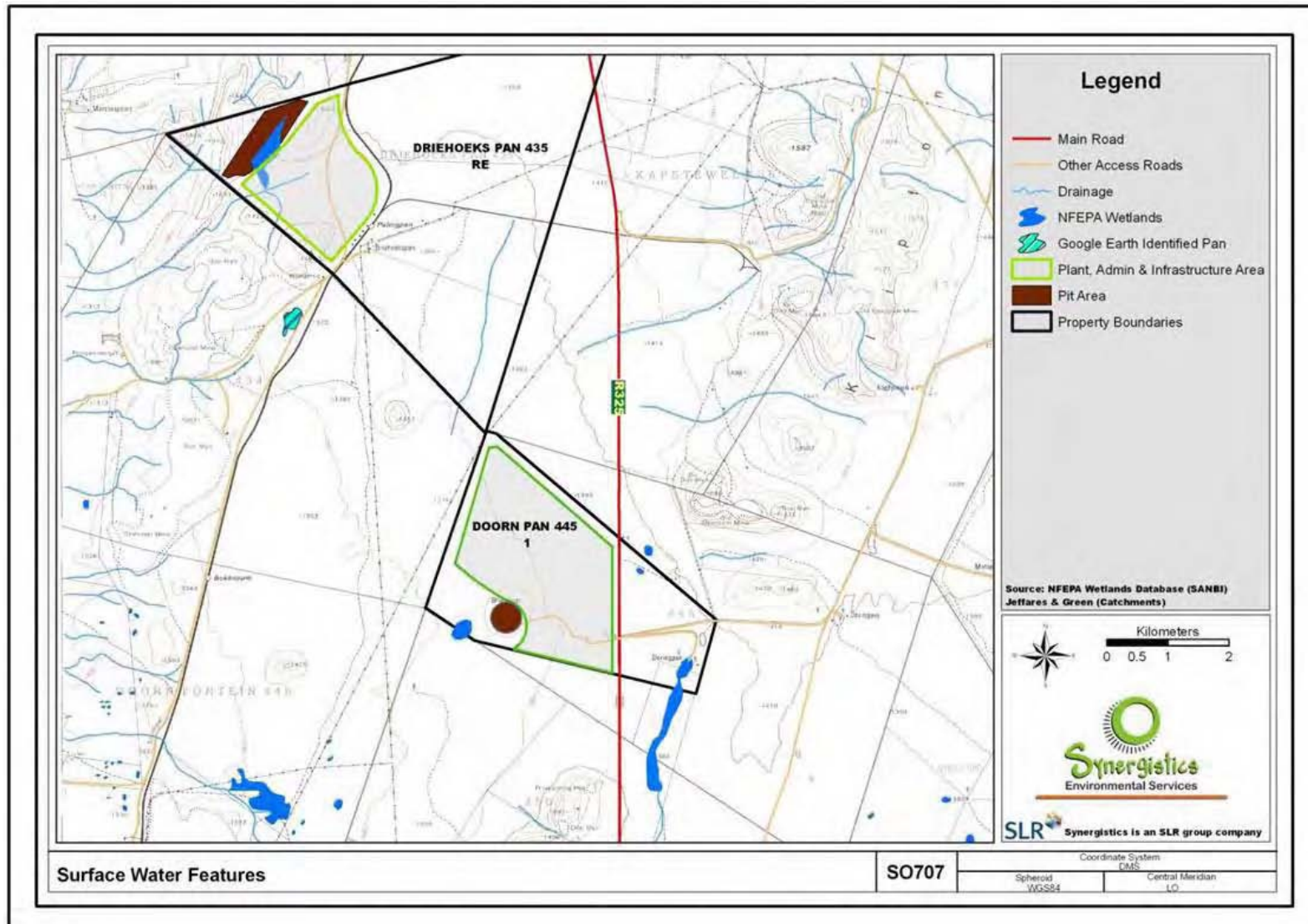


Figure 2 : Surface Water Features

## 8 POTENTIAL ENVIRONMENTAL IMPACTS

The report provides a scoping-level identification of potential environmental and social impacts (physical, biological, social and economic) associated with the proposed COZA Iron Ore Project, as well as a strategy of how these impacts will be assessed further in the EIA phase. The identified potential project impacts are listed below:

- Change in topography and resultant visual intrusion due to the mining of the Bleskop hill and location of infrastructure
- Increase in dust levels due to construction and operation activities
- Disturbance of the ephemeral stream of Farm Driehoekspan due to location of the mine pit and infrastructure area
- Pollution of groundwater resources due to construction and operation activities
- Lowering of the water table due to pit dewatering (if required)
- Removal of protected plant species due to site clearance
- Contamination and loss of soils due to construction and mining activities
- Increase in noise levels due to construction and operational activities at the mine
- Disturbance of heritage resources due to construction and mining activities
- Risk of social upheaval and social ills due to development of a new mine in the current volatile social environment.
- Positive socio-economic impacts such as employment opportunities and implementation of local economic development initiatives indicated in the mine's Social and Labour Plan
- Loss of agricultural (grazing) land due to development of mine
- Increase in traffic levels and associated safety risks due to additional trucks on the R325



## **9 WAY FORWARD**

### **9.1 EIA Process**

The EIA process has been developed to ensure that it complies with Regulation 543 Sections 26 to 33 of NEMA and its associated guidelines (see Section 2) as well as the requirements of the MPRDA. Specialist studies will be undertaken to advise the assessment of project impacts. The public will be afforded an opportunity for involvement by reviewing the draft and final reports. Meetings will be arranged with the relevant authorities and IAPs to give feedback on the results of the EIA phase.

### **9.2 Specialist Studies**

- Specialist input and studies will be conducted for the following environmental components: Faunal and Floral Impact Assessment
- Air Quality Impact Assessment
- Surface Water Impact Assessment
- Groundwater Impact Assessment
- Noise Impact Assessment
- Soil and Land Capability Survey
- Economic Impact Assessment
- Social Impact Assessment
- Traffic Impact Assessment
- Noise Impact Assessment
- Heritage Impact Assessment
- Visual Impact Assessment

### **9.3 Opportunities for Further Public Involvement**

The community has the following further opportunities for public involvement in the EIA

- Review of draft scoping report (current report being reviewed)
- Review of final scoping report
- Attendance of public feedback meetings

- Review of draft EIA report
- Review of final EIA report
- Review of authority decisions
- Appeal process

IAPs are welcome to submit comments and issues of environmental concern to Synergistics. Attached to this summary is the response sheet that can be completed and forwarded to Synergistics on details below:

**Synergistics Environmental Services**

Zama Khumalo

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

Cell: +27 74 584 3839

Tel: +27 11 326 4158

Fax: +27 11 326 4118

**PUBLIC INPUT SHEET FOR COZA IRON ORE PROJECT**

<b>Name:</b>	
<b>Address:</b>	
<b>Telephone/cell phone:</b>	
<b>Fax:</b>	
<b>E-mail:</b>	
<b>Date:</b>	
<b>Signature:</b>	

If you know of others who should be informed of the project, please provide us with their contact details:

<b>Name:</b>	
<b>Address:</b>	
<b>Telephone/cell phone:</b>	
<b>Fax:</b>	
<b>E-mail:</b>	

Following your review of the summary and scoping report, please answer the following questions: (use additional pages if required)

**Do you agree with the existing status of the environment? If no, please provide reasons**

**Do you agree with the potential impact identified? If no, please provide reasons**

**Are there any planned land developments that you know of that have not been included in the report?**

**Please provide any additional issues, concerns and questions below:**

**RETURN COMPLETED SHEET BY 12 AUGUST 2013 TO:**

**Zama Khumalo**  
COZA Iron Ore Project  
Synergistics Environmental Services  
Tel: 011 326 4158  
Fax: 011 326 4118  
E-mail: zama@synergistics.co.za or zkhumalo@slrconsulting.com  
Post: P O Box 68821, Bryanston,2021



## **APPENDIX A: RESULTS OF CONSULTATION**

**Table 1: Summary of Public Issues and Concerns**

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
<b>Authority Requirements</b>	15 May 2013	Ms Jacoline Mans Department of Agriculture, Forestry and Fisheries	Tel: 054 334 0030 Email: JaolineMans@daff.gov.za	<ul style="list-style-type: none"> <li>• The BID stated that the affected areas of the proposed open pit iron ore and associated infrastructure will be approximately 25 hectares on the farm Doornpan and 80 ha on farm Driehoekspan. Since vegetation clearance will be required, you may need a Forest Act Licence (from DAFF) and a Flora Permit (from Nature Conservation)</li> <li>• The BID listed the most important environmental legislation applicable to the project. The Northern Cape Nature Conservation Act (Act 9 of 2009) (NCNCA) should also be consulted</li> <li>• Kindly supply this office with copies of the relevant documental for comments, especially the specialist biodiversity. /ecological assessment and EMPR (once available). Please note that the office cannot download such documentation from the internet and it should be provided on a CD or in hardcopy format</li> <li>• Please ensure that the anticipated impacts on protected trees are assessed and try to design the mine in such a manner as to minimise the impact (if any) on such slow</li> </ul>	<ul style="list-style-type: none"> <li>• Applications will be submitted to the relevant authorities for the removal of protected plant and tress species.</li> <li>• The act will be considered throughout the Scoping and EIA process.</li> <li>• A CD copy of the EIA and EMPR report together with specialist studies will be submitted to the Department</li> <li>• Impacts of flora will be assessed in the EIA report. A floral (vegetation) impact assessment will be undertaken to determine impacts on vegetation.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				growing tree species. Where impacts cannot be avoided, appropriate mitigation may be required.	Where required, mitigation measures will be identified and a vegetation management plan will be developed. This information will be included in the EIA and EMPR that will be circulated for authority and public review.
Registration as an Interested and Affected Party	20 May 2013	Mr. S.E Fiff Transnet Limited	P O Box 17308, Bainsvlei 9338 Tel: (051) 408 2565	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mr Fiff has been registered in the IAP database, Refer to Appendix A1</li> </ul>
	22 May 2013	Mr Tumisang Tugane Afribits	Tel: 079 874 0504 Email: infor@afribits.co.za	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mr Tugane has been registered in the IAP database, Refer to Appendix A1</li> </ul>
	24 June 2013	Mrs Alretha Erasmus Postmasburg Landbou Unie	Tel: 053 313 1333 Email: jimbosalretha@gmail.com	<ul style="list-style-type: none"> <li>Requested to be registered as an IAP</li> </ul>	<ul style="list-style-type: none"> <li>Mrs Erasmus has been registered in the IAP database, Refer to Appendix A1</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
Community Benefits and Upliftment	23 May 2013	Graig Katz	10 Jakaranda Lane, Postdene, Postmasburg, 8420 Cell: 073 258 9846 Email: gregorygraig101@gmail.com	<ul style="list-style-type: none"> <li>• Asked how the community will benefit from the project in terms of employment.</li> <li>• Asked how the project will be able to decrease the high unemployment.</li> </ul>	<ul style="list-style-type: none"> <li>• The proposed development will require approximately 140 employees during the operational phase. COZA Mining will endeavour to employ local persons as much as possible but this will be dependent on the type of skills required and availability of required skills locally.</li> <li>• It should also be noted that as part of the mining right application, COZA Mining will be required to prepare a Social and Labour Plan which details a plan for socio-economic Upliftment for the area hosting the COZA Iron Ore Project. The details of the plan are still being developed in consultation with the relevant authorities and community representatives.</li> </ul>
	23 May 2013	Rowena Jacobs	14 Jakaranda Lane, Postdene, Postmasburg, 8420 Cell: 079 146 9083	<ul style="list-style-type: none"> <li>• Requested that they be kept up to date with the project and asked how the community will benefit from the project.</li> </ul>	<ul style="list-style-type: none"> <li>• IAPs registered on the IAP database will receive project communication information throughout the EIA process. As part of the mining right application, COZA Mining will be required to prepare a Social and Labour Plan which details a plan for socio-economic Upliftment for area hosting the COZA Iron Ore Project. The details of the plan are still being developed in consultation with the relevant authorities and community representatives.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Asked if any people from the communities are required for the process in terms of labour (specialist studies).</li> </ul>	<ul style="list-style-type: none"> <li>Specialist studies are done by qualified specialists who go to site to scope the area to gather data. They are usually only there for approximately 1 day. The specialist work does not require labour as they do the work themselves. As such, specialist studies do not provide opportunities to the people from the community in terms of labour.</li> </ul>
	23 May 2013	Itumeleng Moss	23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>Enquired as to how the project and mining will benefit local communities.</li> </ul>	<ul style="list-style-type: none"> <li>A Social and Labour Plan (SLP) will be developed for the mine which will identify local economic development projects that will benefit the host community.</li> </ul>
	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>Questioned whether the people from the Maremane Community would benefit in terms of employment if the processing will be undertaken elsewhere. He indicated that he believes processing creates more employment opportunities than mining.</li> </ul>	<ul style="list-style-type: none"> <li>The resource at Driehoekspan and Doornpan does not warrant the location of a processing plant within the mine areas. There is another area of interest for COZA that may have sufficient resource to support a processing plant. In terms of job opportunities, COZA's SLP would have to consider the people at the three mining areas i.e. Driehoekspan, Doornpan and the other area of interest.</li> </ul>
	23 May 2013	Lebogang Kunere	Maremane Community P O Box 688 Postmasburg, 8420 076 327 8305	<ul style="list-style-type: none"> <li>Asked what would be done for the community once they start to mine and they gain profit. He indicated that the community needs to get an idea of what benefits they will receive from the project.</li> </ul>	<ul style="list-style-type: none"> <li>A SLP is currently being developed as part of the mining right application. The community will be consulted on community development projects that will form part of the SLP. Because the SLP is currently in the process of being</li> </ul>



ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					<p>developed, COZA is not as yet in a position to communicate the community benefits. This information will be communicated once the SLP has been finalised.</p>
	23 May 2013	Mathapelo Kgotlaekae	Maremane Community P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>Indicated that the community is fearful that once COZA is granted a mining right, there will be no benefits for the community.</li> <li>Requested that the community must be consulted when preparing the SLP</li> </ul>	<ul style="list-style-type: none"> <li>The SLP is still being drafted. This document will present the plans for community involvement. These will be communicated with the community once the plans have been drafted</li> <li>The SLP is being drafted and he believes that there has been some interactions with the community. He indicated that he will confirm if there has been any interactions and establish who was consulted when drafting the SLP and provide response.</li> </ul>
	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>When projects of this magnitude are undertaken, the locals are generally excluded to participate in the development and wealth of their minerals mined. Lack of excess to this wealth creation opportunity is hampered by "red tape" rules and regulations, that make it impossible to participate and once the investors are making their riches, they vanish and left the local residents high &amp; dry.</li> </ul>	<ul style="list-style-type: none"> <li>COZA are fully committed to implementing development plans and projects that will facilitate local community and rural development as part of their SLP. However, the project is still in its initial stages and COZA are still formulating their SLP. At this stage no specific information can be provided on the different community development initiatives that will be implemented by COZA. As part of the Environmental Impact Assessment for the COZA Iron Ore Project however, a social impact assessment will be conducted which will provide information on the benefits the project</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					is likely to have for local communities. This information will be made available in the Environmental Impact Report, a draft version of which will be made available for public review by early November 2013.
Future Prospecting	23 May 2013	Islay Jane Sparks of Kumba Iron Ore's Kolumela Mine	PO Box 1420, Postmasburg, 8420 Cell: 081 038 2368 Email: islay-jane-sparks@angloamerican.com	<ul style="list-style-type: none"> <li>• Asked how much the mine will produce</li> <li>• Enquired about the possibility for further expansion and whether exploration is still continuing.</li> </ul>	<ul style="list-style-type: none"> <li>• Since the project is still in the concept phase it is difficult to estimate, but the quantity will be approximately 500 000 million tons per annum during the operational phase.</li> <li>• There are opportunities for further expansion. COZA is currently working on their resource estimation. There are also other areas of mining interest for COZA Mining in the Northern Cape.</li> </ul>
Community Consultation	23 May 2013	Itumeleng Moss	23 J.P Ketuiles Postmasburg, Boischoko, 073 435 6332	<ul style="list-style-type: none"> <li>• Also queried whether the municipality was consulted</li> </ul>	<ul style="list-style-type: none"> <li>• Invitations were sent to the Municipal Mayor, Manager and Environmental Manager as well as the local Economic Development Officer. The ward councillor, who was also consulted, responded and requested Synergistics to also hold a meeting with the Maremane community</li> </ul>
	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>• Raised the issue that the information of the meeting was not appropriately marketed toward the Maremane Community.</li> </ul>	<ul style="list-style-type: none"> <li>• The community were identified through the distribution of BIDs. Synergistics also consulted Mpho, the ward councillor, and Joseph, who are representatives of the Maremane community. The Maremane community said they knew of the Postmasburg meeting but it was too far, thus another meeting was organised for them at the</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
					<p>Maremane Community Hall.</p> <ul style="list-style-type: none"> <li>It would be appreciated if the community would advise Synergistics on how best to involve communities.</li> </ul>
Community Consultation	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Asked if the Department of Rural Development and Land Reform (RDLR). Was consulted as they were key in the Maremane Community land claim process</li> <li>Indicated that there are people that are not in the area but who at a later stage will be relocated to the land and will be affected by this development. He asked how these people would be accommodated.</li> <li>Raised the issue that some of the people from the Maremane Community are from the Kuruman area and this meeting and the project is very far from Kuruman. As such the people will not know what is happening</li> </ul>	<ul style="list-style-type: none"> <li>Regarding the department of Rural Development and Land Reform, the Department has been notified of the project, received BIDs and has been notified of the EIA process. The Department of Mineral Resources (DMR), in their report, also wants to find out if the Department of RDLR has been consulted.</li> <li>It will be appreciated if the community would advise us of the various community leaders that should be registered in the IAP database. The identified representatives will be informed of the project developments and the in turn they can report back to the other members of the Maremane Community.</li> <li>It would not be possible to have meetings with people from all over the area like Kuruman. We are dealing with people that are most likely to be directly impacted by the project. People from Kuruman are not being excluded however, it would be ideal to have leaders of the various communities to</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				<ul style="list-style-type: none"> <li>• Asked whether meetings can be held in Kuruman</li> <li>• Raised a concern that Maremane community members from Kuruman are being excluded from the public participation process and problems may arise if people come to Maremane from Kuruman.</li> </ul>	<p>come to the scheduled meetings.</p> <ul style="list-style-type: none"> <li>• Kuruman is too far for the people from Maremane and Kuruman is not an area that will be directly affected by the project. The ideal option would for the leaders of the Kuruman communities to come to the Maremane meetings and give feedback to the people of the community.</li> <li>• People who register will be kept informed throughout the process. Synergistics would like the leaders to get involved to inform the other communities.</li> </ul>
	23 May 2013	Hilda Sibanda Maremane Community Member	Maremane Community P O Box 688 Postmasburg, 8420 071 979 5017	<ul style="list-style-type: none"> <li>• Indicated that she is reluctant to believe independent environmental consultants. She indicated that the community was previously consulted by independent consultants for the Sedibeng Mine, however they were not notified when the mine started. She indicated that they community was fearful that the same process would occur with the COZA project.</li> </ul>	<ul style="list-style-type: none"> <li>• As consultants Synergistics are bound by law to notify IAPs of authority decisions in terms of the National Environmental Management Act (No 107 of 1998) (NEMA). As such the Maremane community will be notified via post or sms. She indicated that members of the community will be kept informed of progress throughout the EIA process. She explained that the Public Participation Process (PPP) allows for the involvement of communities</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
				<ul style="list-style-type: none"> <li>Asked why the application to the Northern Department of Environment and Nature Conservation was submitted before consultation with communities?</li> </ul>	<ul style="list-style-type: none"> <li>The NEMA application was submitted as it was required by law. She advised that the application serves to notify the Department of the intention to commence with the EIA process</li> </ul>
	23 May 2013	Mathapelo Kgotlaekae	Maremane Community P O Box 688 Postmasburg, 8420 076 346 6498	<ul style="list-style-type: none"> <li>Indicated that the Maremane Community are sceptical that Synergistics will return to meet with the community</li> </ul>	<ul style="list-style-type: none"> <li>There will be a feedback meeting, where Synergistics presents the findings of the EIA. She indicated that the community would also be notified of the availability of the environment reports for review as well as the authority decisions.</li> </ul>
	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>An information sharing meeting was held on 23 May 2013, however no prior notice was given to Interested and Affected parties. The meeting should have been communicated in the local newspaper (The Ghaap, Diamond Field Advertiser.</li> </ul>	<ul style="list-style-type: none"> <li>The information sharing meeting was advertised in the Kalahari Bulletin and Kathu Gazette. These newspapers circulate in the study area and its surroundings. Please refer to Section 3.5 on the IAP notification process.</li> </ul>
Mine Cumulative Impacts	23 May 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>Raised a concern regarding the prominence of mining in the area and the many problems that are not being appropriately dealt with. Indicated that there are problems related to groundwater and dust due to mining in the area. She raised a concern regarding the potential cumulative impacts of the mining in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The impacts that this study will have on the area will be assessed in the context of what the project will add to the current baseline condition which include any existing impacts. Groundwater and air related impacts will be addressed in the EIA.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
Project's Environmental Impacts	5 June 2013	Mr Brandon Adams	Tel: (053) 313 3172 Email: adamsbrandon49@gmail.com	<ul style="list-style-type: none"> <li>Pollution will affect all communities around the operations, what remedies will be available to alleviate this</li> </ul>	<ul style="list-style-type: none"> <li>An environmental impact assessment will be undertaken to identify the projects environmental and socio-economic impacts. Please refer to Section 7 for the preliminary list of potential impacts and Section 8 for the plan of study for the EIA.</li> </ul>
Project Phasing	23 May 2013	Mimi Swart	P O Box 777, Postmasburg, 8420 083 292 2540 Swami5353@gmail.com	<ul style="list-style-type: none"> <li>Asked what stage the process is at currently.</li> </ul>	<ul style="list-style-type: none"> <li>The process is at its initial phase the scoping phase where consultation with IAPs takes place, potential issues are identified and terms of reference for specialist studies are developed.</li> </ul>
Project Location	23 May 2013	Alfred Pegram	Private Bag X5005, Kimberley, 8300 apegram@ncpg.gov.za	<ul style="list-style-type: none"> <li>Asked how far the project will be from Portion 3 of the Farm 445.</li> </ul>	<ul style="list-style-type: none"> <li>The mining area will be approximately 3 km from Portion 3 of the Farm 445.</li> </ul>
Prospecting Activities	23 May 2013	Mr Boniface Masiame	Maremane Community P O Box 688 Postmasburg, 8420 072 830 4739	<ul style="list-style-type: none"> <li>Referring to a DMR document from 2010, the IAP asked about the prospecting and mining right and why COZA are not mining in all the areas.</li> </ul>	<ul style="list-style-type: none"> <li>COZA were granted prospecting rights for various farms but only plan to mine on the Portion 1 of Doornpan and Remaining Extent of Driehoekspan at this stage.</li> </ul>

ISSUE OF CONCERN	DATE	NAME	CONTACT DETAILS	COMMENTS	RESPONSE
	23 May 2013	Lebogang Kunere	Maremane Community P O Box 688 Postmasburg, 8420 076 327 8305	<ul style="list-style-type: none"> <li>Queried if there would be a survey of the resource before mining commences.</li> <li>Enquired what income was received from prospecting and where was the money spent</li> </ul>	<ul style="list-style-type: none"> <li>Prospecting activities have already been undertaken for the project and the project team is currently at the resource estimation process.</li> <li>No money was obtained from prospecting</li> </ul>
Information on Applicant	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>Requested an organogram for COZA Mining.</li> </ul>	<ul style="list-style-type: none"> <li>COZA Mining is still a new company and an organogram is not yet available. The community should liaise with Synergistics and the project manager Mr Tabi Kowet.</li> </ul>
Application Process	23 May 2013	Mr Ephraim Sibanda	Maremane Community P O Box 688 Postmasburg, 8420	<ul style="list-style-type: none"> <li>Queried if COZA Mining has a mining licence</li> </ul>	<ul style="list-style-type: none"> <li>COZA does not have a mining right but have a prospecting right. The current EIA process is undertaken to apply for a mining right. The mining right application will be submitted at the end of June 2013.</li> </ul>

## **APPENDIX 5 (B) CURRENT SCOPING PHASE CONSULTATION**



Press Advert



# Geklassifiseerd

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## KURUMAN-SKOU

### TENDER VIR KOSSTALLETJIES VIR SKOU, 3, 4 EN 5 SEPTEMBER 2015

Tenders sluit op 26 Junie 2015 om 12:00 en kan ingehandig word by Chatz Cellular vir aandag Marieta van Zyl.  
**Navrae: 082 863 2244 of**  
**Faks: 053 712 3493**

*Anvaarde tenders moet betaal word op 3 Julie 2015.*

ITEM	TENDERBEDRAG
Sosaties	_____
Kerrie en rys	_____
"Jaffels" en vetkoeke	_____
Braaivleis en wors	_____
Hamburgers	_____
Koeldrank	_____
Restaurant	_____
Pannekoek	_____
Doughnuts	_____
Poeding	_____
Ander	_____

*Toegangsgeld nie by tender ingesluit nie. Moet daaglik by hek betaal word.*

Naam: \_\_\_\_\_

Tel: \_\_\_\_\_

Kontakpersoon: \_\_\_\_\_

### Little blessings

Ons bak koeke vir troues,  
verjaarsdae of enige funksie  
groot of klein.  
Kyk op ons facebook blad by:

**Corne & Johan Barkhuizen**  
082 582 6617



### Kalahari Plants

Wholesale Growers

- Garden Design
- Landscaping
- Paving • Irrigation

**072 428 4637**  
peter.paco.fischer@gmail.com

### SPIRITUAL HEALER/ PALM READER

Sister M. Linda helps all  
people with personal problems,  
work problems, financial  
problems, pregnancy problems  
and court cases.  
Also available: Men's Clinic and  
Magic Ring.  
For appointment phone

**084 397 7383 or 074 783 7102**

## VEILING! VEILING!

**SATERDAG 9 MEI 2015  
OM 10:00 TE  
ACASIASTRAAT, KURUMAN**  
Langs McGuinness

**MEUBELS:**  
1 tafel, stoele, DVD-houers.  
NOG INSKRYWINGS WORD VERWAG!

**ALLERLEI:**  
Kapmesse, AK-messe, sakmesse, 2 gholfstelle. Te veel om op te noem!

**GEREEDSKAP:**  
2 werksbankskroewe, boogsae, beitels, skroewedraaiers, troffels, maatbande, 'bolt cutters', 'socket'-stelle, bobbejaansleutels, 'vice grips', skroewedraaiers, hamers, slypmasjiene, bore. Gereedskap in oorvloed en alles nuut!

**VOLLEDIGE LYS OP AANVRAAG BESKIKBAAR!**

**TERME: STRENG KONTANT!**  
R10- nieterugbetaalbare koperregistrasiefooi betaalbaar.  
10% koperskommissie

**A  
FSLAERS  
MOS  
UCTIONEERS**  
Registration Nr. GSM A52/20050316

**NAVRAE: Pieter 074 890 3544  
Dalene: 073 196 8123**

**Worsbroodjies, braaivleis en koeldrank!**

### NOTICE OF INTENTION TO APPLY IN TERMS OF SECTION 20 OF THE ACT FOR A LICENCE. [Reg. 4(1)] NORTHERN CAPE LIQUOR ACT, 2008

1. Joe Morolong
2. Kgotsietsile Simon Tihopile, PO Box 2648, Kuruman 8460.
3. Bottle store.
4. All kinds of liquor.
5. Chicky Bottle Store, Bendell Village.
6. Extra items to be sold (section 4(5)(a) and (b)):  
Authority in terms of Section 41 (1) a

### NOTICE OF APPLICATION FOR A MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENSE, WATER USE LICENSE

#### COZA IRON ORE PROJECT: Farm Driehoekspan 435 (Remaining Extent) and Thaakwaneng 675, Northern Cape (DMR Ref: NC30/5/1/2/2/10082MR)

COZA Mining (Pty) Ltd (COZA) has submitted a mining right application for the mining of iron ore on Farms Driehoekspan 435 (remaining extent) (Driehoekspan) and Thaakwaneng 675 approximately 10km north-northwest of Postmasburg Town within the Tsantsabane Local Municipality in the Northern Cape Province. An open cast mine will be developed on Farm Driehoekspan and there is currently no infrastructure planned on Farm Thaakwaneng. Mining of Farm Driehoekspan will involve mining of 13 Mt of iron ore with a three year life of mine. The proposed development forms part of the COZA Iron Ore Project which will involve the mining of iron ore on Farms Driehoekspan, Doornpan 445 (Portion 1) and Jenkins 562 (Portion 1 and RE). Coza has already submitted a mining right application on Farm Doornpan in 2013 which is currently being considered by the Department of Mineral Resources (DMR). The application on Farm Jenkins remains to be submitted. The application for Driehoekspan is subject to this public participation process.

A number of environmental approvals will be required for the mining right application on Farm Driehoekspan and Thaakwaneng prior to commencement with mining. A Scoping and Environmental Impact Assessment process as stipulated in the 2014 EIA Regulations (GNR 982 of 4 December 2014) will be undertaken in support of the environmental approvals. Notice is hereby given in terms of the legislation listed below of the various environmental approvals required prior to the commencement of mining development:

Legislation	Listed Activities (preliminary)	Competent Authority and Application Reference
Minerals and Petroleum Resources Development Act (Act No 28 of 2002) (MPRDA)	Mining Right Application no listed activities	Department of Mineral Resources. (DMR Ref: NC30/5/1/2/2/10082MR)
National Environmental Management Act (Act No 107 of 1998). (NEMA)	Government Notice GNR 983 Activities (1, 9, 10, 12, 13, 19, 24, 50, 56), GNR 984 Activities 11, 21, 6, 4, 16, 28, 15, 16)	Department of Mineral Resources (DMR Ref: NC30/5/1/2/2/10082MR)
National Water Act, (Act No 36 of 1998) (NWA)	Section 21 (a), (b), (c), (f), (g), (i) and (j)	Department of Water Affairs: Application to be submitted
National Environmental Management: Waste Act (Act No 59 of 2008) (NEMWA)	GRN 921 of NEM:WA Category B Activity 7	Department of Mineral Resources (DMR Ref: NC30/5/1/2/2/10082MR)

**Please contact Synergistics for a detailed description of listed activities**

Synergistics Environmental Services (Pty) Ltd now part of SLR has been appointed as independent environmental consultants responsible for undertaking the necessary environmental work and conducting the public participation process for the project. Should you wish to receive detailed information on the proposed project or register as an Interested and Affected Party (IAP) please contact us on the details provided below:  
Contact Person: Zama Khumalo  
Email: zkhumalo@slrconsulting.com Tel: 011 467 0945 Fax: 011 467 0978  
PO Box: P O BOX 1596, Cramerview, 2060  
**PLEASE RESPOND TO THIS NOTICE BEFORE 25 MAY.**

**United Manganese of Kalahari (Pty) Ltd (UMK), a leading empowerment company intent on sustainable mining and socio-economic development, seeks specialists to join its fast growing manganese mine.**

**UMK has been awarded a Mining Right over 15 000 ha of land to the north of a dynamic Kuruman.**

**Why not become part of the team that plans to mine an output of between 2,4 million and 4 million tons of manganese each year?**

## Mine Geologist (D Level)

(Ref. MG 122993)

The position will be responsible for the day to day management of the geological department and related activities of the open pit and later underground mine, ore control activities, geological interpretation, production infill drilling, and delivering various reports. The geological department is part of an integrated mine technical department to ensure optimal resource utilization. Emphasis will be on ore grade control, minimizing of dilution by determining optimum mining cut and updating of grade control model. The incumbent will also be responsible for managing the borehole data base (Sable) as well as resource modeling (Datamine or other similar software systems) to produce resource estimates and related geological input to short and long term mine planning.

**Minimum requirements:** • BSC Honours Degree in Geology • Minimum 10 years' experience in open cast/pit and underground mining (preferably Manganese and/or iron ore) • Proficient in geological data capturing and management in a Sable platform • Proficient in resource modeling and estimations in Datamine and other software • Capable of utilizing latest computer & software technologies such as Microsoft office products, CAD software • Managerial experience with both technical and non-technical personnel • Valid SA driver's license • SACNASP registration as competent person required.

**Competencies:** • Ability to manage Geology team, contractors & consultants • Optimize the extraction of mineralized zones and minimize dilution • Manage infill and other exploration activities – diamond, RC and blast hole drilling techniques • Manage Geological data base • Conduct resource modeling, resource estimates and geological mapping • Assist mine planner in mine planning activities for both short term and long term • Together with Mine Planner do monthly reconciliation of ore tonnage and grade • Responsible for preparation of daily, monthly and yearly exploration and production related geological reports • Prepare capital and operating cost estimates for departmental functions • Develop and manage departmental budgets • Maintain constructive and effective working relationships with exploration and production contractors and external consultants • Ability to multi-task and prioritize time, work, and resources • Have good team player abilities that will function well as part of an integrated team that forms the Technical Department • Other tasks as required in support of company objectives.


### How to apply:

Interested applicants can forward an abridged CV to:  
recruitment@umk.co.za or fax: 086 236 1188.

**The onus is on you to ensure that the reference number is reflected on your application.**

Enquiries can be directed to (053) 742-3100.  
**CLOSING DATE: 22 MAY 2015.**

**Only shortlisted candidates will be contacted. Should you not hear from us within a month after the closing date, please consider your application unsuccessful.**



**PREFERENCE WILL BE GIVEN TO EMPLOYMENT EQUITY CANDIDATES IN LINE WITH THE COMPANY'S EMPLOYMENT EQUITY PLAN.**

Only candidates who meet the stated requirements will be considered.  
**APPLICATIONS RECEIVED AFTER THE CLOSING DATE WILL NOT BE CONSIDERED.**

www.ayandambanga.co.za 122993

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**SOEK, KOOP, VERKOOP**

## IAP Notification Letter

Project  
755.01053.00001

Reference:

File Ref. Driehoekspan Notification Letter

8 June 2015

**ATTENTION:**

**CC:**

Dear

NOTIFICATION OF APPLICATION FOR MINING RIGHT, ENVIRONMENTAL AUTHORISATION,  
WASTE MANAGEMENT LICENCE AND WATER USE LICENCE FOR:

**COZA IRON ORE PROJECT: FARM DRIEHOEKSPAN 435 (RE) AND THAAKWANENG 675,  
NORTHERN CAPE**

**1. INTRODUCTION AND PROJECT BACKGROUND**

COZA Mining (Pty) Ltd (COZA) is planning to develop mining operations on Farms Doornpan 445 (Portion1), Driehoekspan 445 (Remaining Extent), Thaakwaneng 675 and Jenkins 562 (Portion 1 and the Remaining Extent) in the Tsantsabane Local Municipality in the Northern Cape. This proposed development is known as the COZA Iron Ore Project. Coza appointed Synergistics Environmental Services (now part of the SLR Group) to undertake the required Scoping and Environmental Impact Assessment in support of the various environmental applications for the project. As part of the environmental work, Synergistics prepared a Draft Scoping Report for mining of iron ore on Farm Doornpan and Driehoekspan which was circulated for public and authority review in July 2013. Following the circulation of the Draft Scoping Report, Coza submitted a mining right application for the Farm Doornpan 445 (Portion 1) only. The Farm Driehoekspan was excluded from the mining right application as detailed project information was unavailable at the time of submission. The Scoping & EIA process that subsequently followed excluded the Farm Driehoekspan.

This letter serves to notify Interested and Affected Parties that COZA has now submitted the mining right, environmental authorisation and waste management licence applications for mining iron ore of Farms Driehoekspan 445 (Remaining Extent) and Thaakwaneng 675 to the Department of Mineral Resources (DMR) Ref: NC30/5/1/2/2/10082MR). As part of the application process, Synergistics is undertaking a Scoping & Environmental Impact Assessment Process in terms of the National Environmental Management Act: No 107 of 1998.

## **2. BRIEF PROJECT OVERVIEW**

The proposed COZA Ore Iron Project: Driehoekspan Section will involve the mining of iron ore from an open pit on the farm Driehoekspan. The proposed development will be a green-fields project with an estimated area of disturbance of 175 ha at Driehoekspan . At this stage, no infrastructure or activities are planned on the farm Thaakwaneng, although it has been included in the mining rights application. The life of mine is estimated to be 3 years.

### Processing

It is expected that processing will involve crushing, screening, and blending on site. The processing infrastructure will be located adjacent to the pit. Crushed ore will then be blended prior to transport off-site. No tailings facilities will be required.

### Transportation and Access Roads

The existing gravel access roads linking to the R325 will be upgraded to cater for operational phase traffic. Ore will be further transported by 34 ton trucks via the R325 to existing mines for further processing. A number of possible processing sites are located within a 30 km radius of the proposed mine site. Processed ore will then be transported via the existing rail network to AMSA's steel plants in South Africa.

### Operational phase employment and housing

The total staff requirement at full production for is estimated at 82 persons. It should be noted that contractors will be appointed for the operation of the mine. During the operational phase, staff will be accommodated within existing towns.

### Services

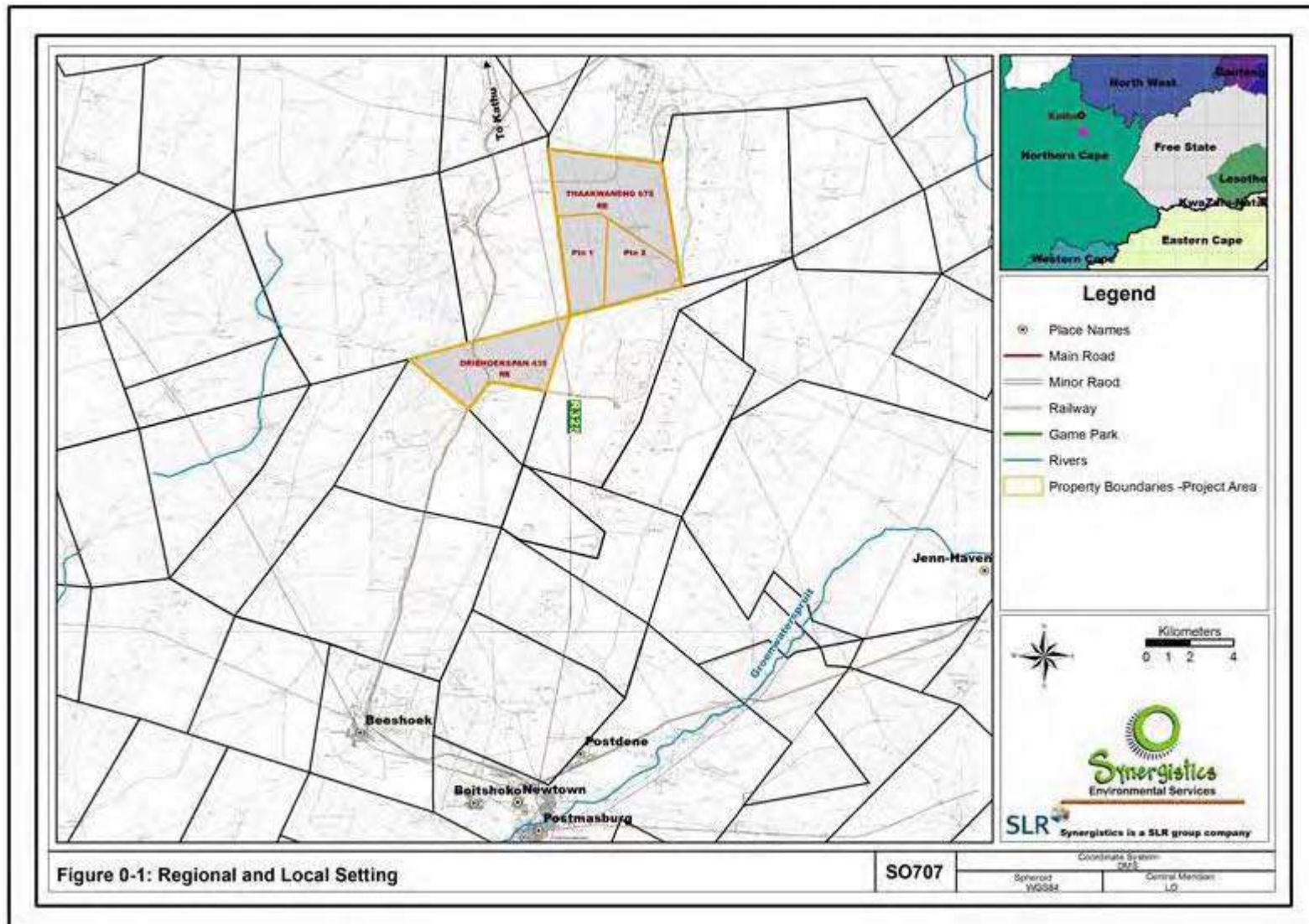
Water Supply: Water for mining activities will be sourced either boreholes or from pit dewatering (if required).

Waste management: Temporary waste storage facilities will be constructed for hazardous and general waste within the mine infrastructure area. A packaged sewage treatment plant (STP) will located within the mine infrastructure area.

Power supply: Power will be supplied by diesel generators initially with a potential of using rural Eskom power supply lines (if possible)

**Further details on the project are available in the Scoping Report**

### 3. PROJECT LOCATION



#### **4. ENVIRONMENTAL ASSESSMENT AND PUBLIC PARTICIPTION PROCESS**

An integrated Scoping and Environmental Impact Assessment process, taking cognisance of the requirements of the National Environmental Management Act (No.107 of 1998), the Mineral Petroleum Resources Development Act (No 28 of 2002), and National Environmental Management: Waste Act (No 59 of 2008) is currently being undertaken, complemented by a combined public participation process. The scoping phase for the project has been completed and the Scoping Report is now available for public and authority review.

**You are hereby notified that the scoping process has been completed and the Scoping Report is now available for public and authority review.** The report will be available for public review for 30 calendar days (4 weeks) from 8 June to 9 July 2015. A Copy of the report has been made available at the Tsantsabane Local Municipality (municipal library). The report is also available to download from the Synergistics website at [www.synergistics.co.za](http://www.synergistics.co.za). You can also obtain an electronic copy of the report on CD-ROM from Mase Rantsieng (see contact details below).

Attached to this letter is a response sheet in which you can submit written comments on the Draft Scoping Report. Please ensure that all written comments reach us by the **9 July 2015**. All written comments should be forwarded to:

Mase Rantsieng  
Synergistics Environmental Services (now part of SLR)  
Tel: 011 467 0945  
Fax: 011 467 0978  
Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)  
PO Box 1596, Cramerview 2060, S. Africa

Yours faithfully

Mase Rantsieng



**COZA IRON ORE PROJECT: FARM DRIEHOEKSPAN 435 (RE) AND THAAKWANENG 675, NORTHERN CAPE**

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

**PLEASE IDENTIFY YOUR INTEREST IN THE PROPOSED PROJECT**

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**PLEASE WRITE YOUR COMMENTS AND QUESTIONS HERE**

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**Please return completed forms to:**  
**Synergistics Environmental Services (now part of the SLR Group)**  
**Mase Rantsieng**  
**Tel: (011) 467-0945 Fax: (011) 467-0978**  
**Email: [mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)**

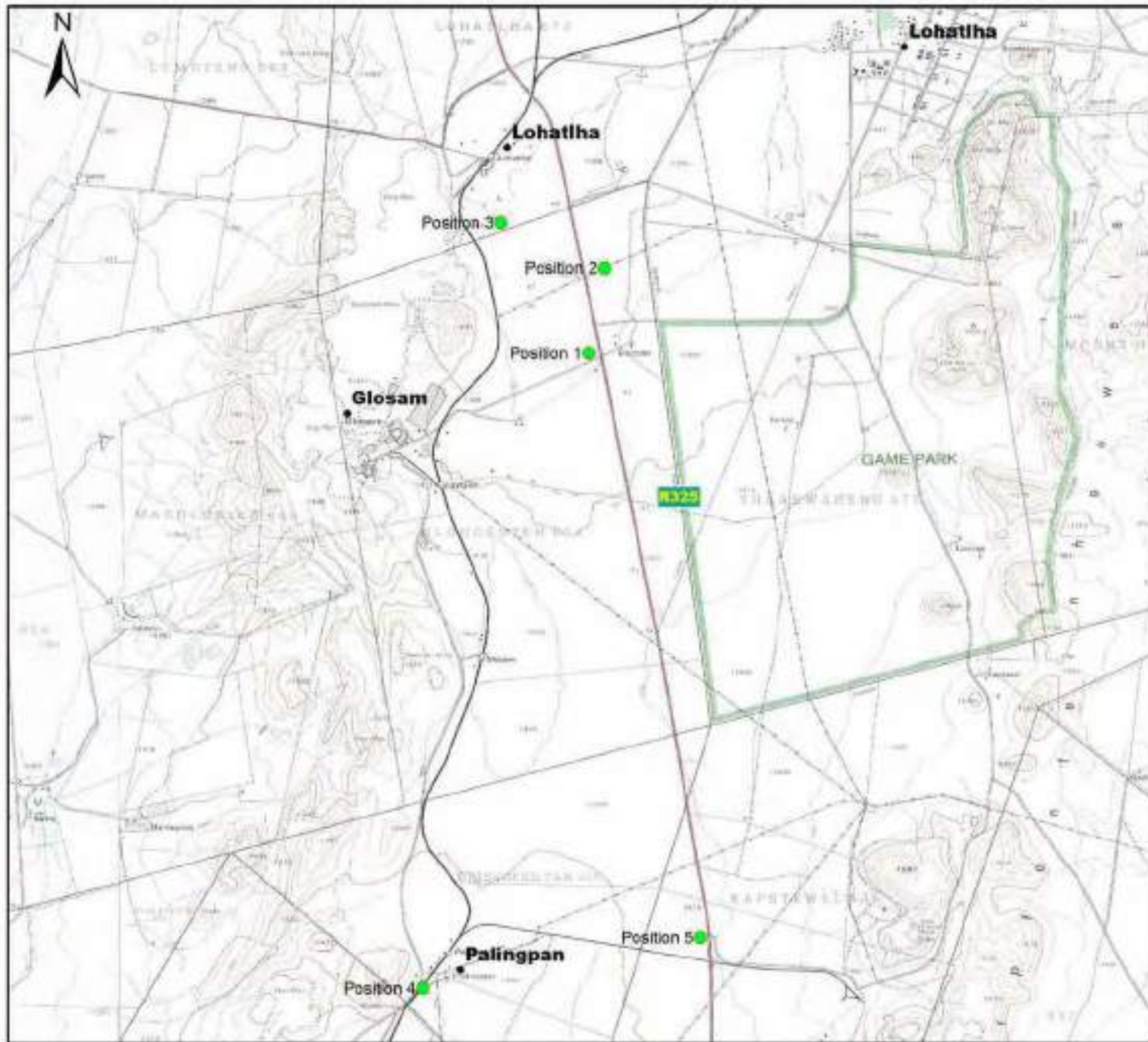
## Site Notification

Table 1: Location of Site Notices Placed

Item	Description of the Location of Notice	Picture/Photo	
1	At the entrance to the proposed development site on farm Driehoekspan 435. <b>Position 4</b>		
2	Entrance to Farm Driehoekspan 435 <b>Positon 1</b>		

Item	Description of the Location of Notice	Photos	
3	At the entrance to the Farm Thakwaaneng. <b>Position 2</b>		
4	At the Tsantsabane Local Municipality building		

Item	Description of the Location of Notice	Photos	
5	At the Spaza shop in the Maremane Community north of the study area just off the R325. <b>Position 3</b>		
5	Along the R325, at the Manganore off-turn. <b>Position 5</b>		



**Legend**

- Place Names
- Site Notices Location
- Main Road
- Secondary Road
- Other Access Roads
- Railway
- Power Line

Scale: 1:92 465 @ A4  
 Projection: Transverse Mercator  
 UTM 35 S WGS84

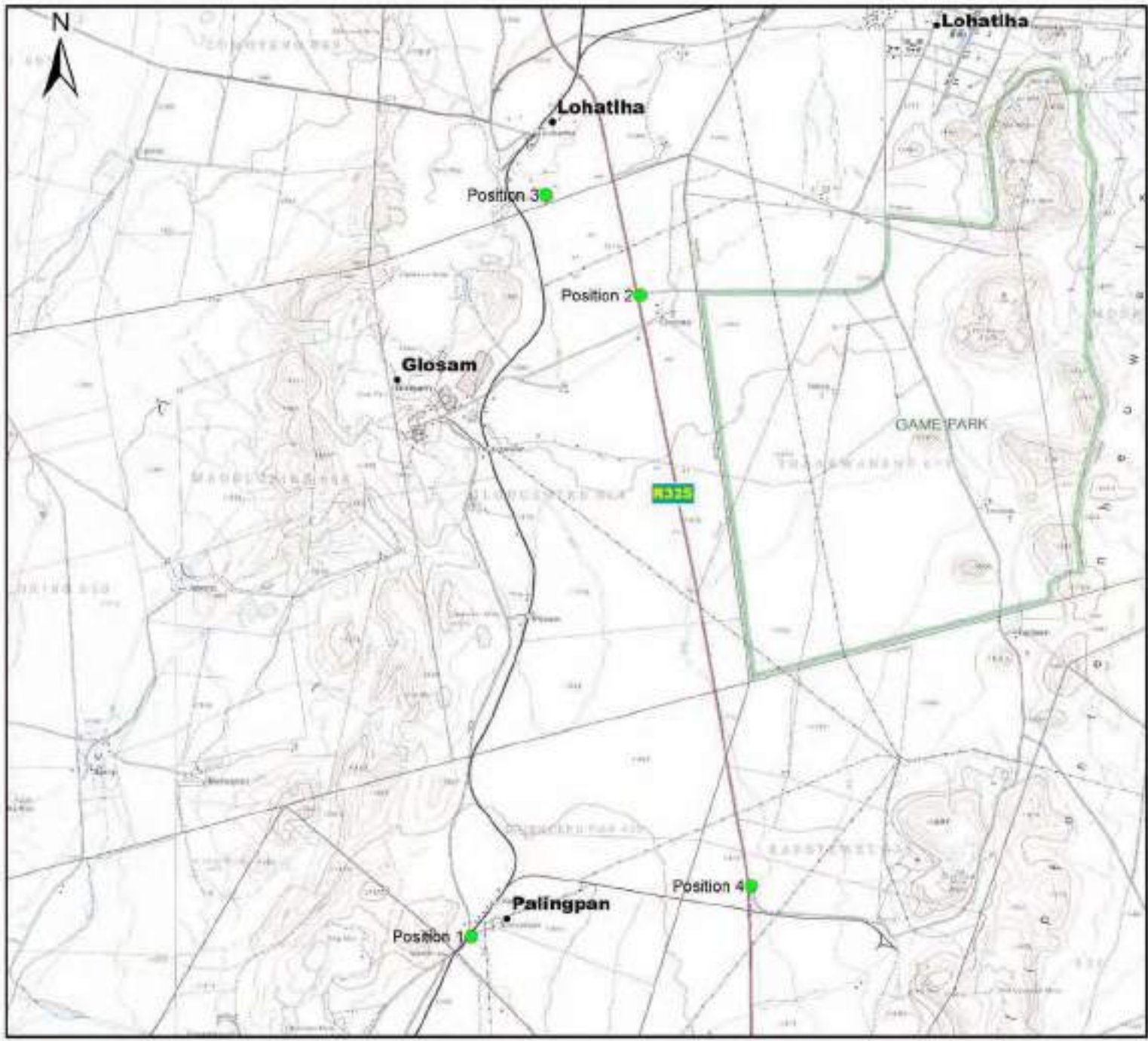
**COZA IRON ORE PROJECT**

**Figure**  
**Location of Poster Areas**

**SLR** SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1396, Cransview, 2095, South Africa  
 Tel: +27 (11) 467-0545 Fax: +27 (11) 467-0978

755.01053.00001

May 2015



**Legend**

- Place Names
- Site Notices Location
- Main Road
- Secondary Road
- Other Access Roads
- Railway
- Power Line

Scale: 1:92 465 @ A4  
 Projection: Transverse Mercator  
 UTM 36 S WGS84

**JENKINS PROJECT**

**Figure**  
**Location of Poster Areas**

**SLR** SLR Consulting (Africa) (Pty) Ltd  
 P O Box 1356, Cransview, 2066, South Africa  
 Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0973

750.03048.00001

May 2015

## **Comments received on Scoping Report June-July 2015**





agriculture,  
forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

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

Enquiries: J Mans  
E-mail: [JacolineMa@daff.gov.za](mailto:JacolineMa@daff.gov.za)  
Date: 23 July 2015  
Ref: F13/11/2/202/1

Synergistics Environmental Services (Pty) Ltd  
P.O. Box 1596  
Cramerview  
2060

ATTENTION: Zama Khumalo ([mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com))

RE: COMMENTS ON DRAFT SCOPING REPORT OF THE PROPOSED COZA IRON ORE PROJECT: DRIEHOEKSPAN 435 AND THAKWAANENG 575, TSANTSABANE LOCAL MUNICIPALITY, NORTHERN CAPE (DMR REF: NC30/5/1/2/2/10034MR; SLR REF: 701.20008.00008)

## 1. DEPARTMENTAL MANDATE

1.1 The Branch: **Forestry** and Natural Resource Management in the **Department of Agriculture, Forestry and Fisheries (DAFF)** is responsible for implementation of the **National Forests Act, Act 84 of 1998 (NFA)** and the **National Veld and Forest Fires Act, Act 101 of 1998** as amended. The proposed developer should take note of the following sections of the NFA:

- 1.1.1 Section 12(1)(d): "The Minister may declare-
- (a) A particular tree,
  - (b) A particular group of trees,
  - (c) A particular woodland; or
  - (d) Trees belonging to a particular species, to be a protected tree, group of trees, woodland or species."
- 1.1.2 Section 15(1): "No person may-
- (a) Cut, disturb, damage or destroy any protected tree; 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-
    - (i) under a license granted by the Minister; or
    - (ii) in terms of an exemption from the provision of this subsection published by the Minister in the Gazette on the advice of the Council.”
- 1.1.3 Section 62(2)(c): “Any person who contravenes the prohibition on-
- (i) The cutting, disturbance, damage or destruction of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(a); or
  - (ii) The possession, collection, removal, transport, export, purchase or sale of temporarily protected trees or groups of trees referred to in section 14(2) or protected trees referred to in section 15(1)(b), or any forest product derived from a temporarily protected tree, group of trees or protected tree, is guilty of a first category offence.
- 1.1.4 Section 58 (1): “Any person who is guilty of a first category offence referred to in sections 62 and 63 may be sentenced to a fine or imprisonment for a period of up to three years, or to both a fine and such imprisonment.”

## 2. COMMENTS ON DRAFT SCOPING REPORT

- 2.1 The report confirms the presence of NFA listed protected tree species on site and stated that applications will be submitted to the relevant authorities for removal of such trees. The developer should note that a license is not ‘automatically issued’. The DAFF can and has refused licenses in the past. It is therefore of utmost importance to try and minimize impacts on slow growing protected trees by placing infrastructure in areas where it will have the least impact on such trees.
- 2.2 The report indicated that the open pit will be on the farm *Driehoekspan* and that the total development footprint will be approximately 175 ha. It also stated that vegetation will be cleared in accordance to the biodiversity management plan to be developed (page 4-7). At what stage of the development and/or EIA process will this biodiversity plan be developed and will it be made available for comments?
- 2.3 Page 5-14 of the report refers to the applicable legislation. Kindly note that the NFA (already confirmed to be applicable) was not mentioned; neither was the Northern Cape Nature Conservation Act, Act 9 of 2009 (NCNCA) which will also be applicable if 175 ha of indigenous vegetation needs to be cleared.
- 2.4 What is the current zoning of the affected properties: ‘mining’ or ‘agriculture’? If it is zoned as Agriculture, then other legislation may also be applicable such as the Subdivision of Agricultural Land Act, Act 70 of 1970 (SALA).

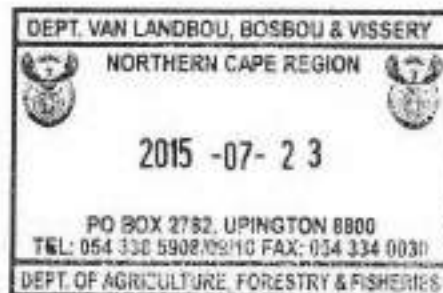
- 2.5 The report emphasized that the affected vegetation types, as classified by Mucina & Rutherford, is rated as 'least concern'. Kindly note the vegetation map is a very broad-scale classification system and there might be a lot of variation on a local level. Hence it is crucial to get a specialist to assess the potential impacts on plants of special concern, since the site falls within the Griqualand West Centre of Endemism. The report mentioned that a total of 116 plant species may be present in the study area, which is quite rich in terms of biodiversity if compared to other study sites where the average number of plant species found was in the order of 35 to 45. The study site is also in close proximity to Ghaap Plateau vegetation type, which is regarded as 'sensitive' and not protected at all.
- 2.6 The report indicated that two to three NFA listed protected tree species occur in the project area. In some places it stated two species and in others three. Kindly provide a list of all plant species encountered on site.
- 2.7 Page 8-68 of the report stated that only one (1) large *Acacia (Vachellia) erioloba* tree and about 220 *Boscia albitrunca* trees were observed in the project area. Kindly note that *Boscia albitrunca* is dually protected in terms of the NFA and the NCNCA and hence a Forest Act License as well as a Flora Permit will be required prior to disturbance of any such species.

Thank you very much for notifying the Department of Agriculture, Forestry and Fisheries the opportunity to comment on the proposed development.

Kind Regards,



Jacoline Mans  
Chief Forester: NFA Regulation



## William Berry

---

**From:** Albertus Viljoen <info@tshiping.co.za>  
**Sent:** 19 June 2015 10:18 AM  
**To:** Mase Rantsieng  
**Subject:** RE: COZA IRON ORE: DRAFT SCOPING REPORT FOR PUBLIC REVIEW

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hallo Mase

In reply to the Draft Scoping Report, the following comments:

1. Monitor third party boreholes to determine if the water level is being affected.
2. If dewatering causes a loss of water supply to third parties, an alternative equivalent water supply will be provided by Coza until such time as the dewatering impacts cease.
  - a. Monitoring water levels alone is not sufficient to establish a baseline on water supply.
  - b. I suggest that pump tests are considered to establish the true potential of possible impacted water sources.
3. Objective: prevent unacceptable negative impacts on surrounding land uses.
4. Conceptual mitigation measures include:
  - a. Effectively manage noise, dust, surface and groundwater quality, blasting hazards, social impacts and visual impacts.
    - i. Water quality is not the only impact to mitigate, quantity is part of that equation.
5. **9.3.1 HYDROGEOLOGY**
  - a. The groundwater detailed investigation will address dewatering and pollution aspects. The investigation will include the following tasks:
    - i. I suggest a complete baseline document is compiled on water availability, quality, ect.
    - ii. This document to be finalised with associated IAP and possible impacted land owners.
    - iii. Final baseline document to be approved by these parties involved.

Regards  
Albertus Viljoen  
CEO - Tshiping WUA



Sel : 083 649 5452  
Tel : 053 313 0595  
eFax : 086 589 3482  
[info@tshiping.co.za](mailto:info@tshiping.co.za)

PO Box 434, Postmasburg, 8420

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**From:** Mase Rantsieng [mailto:[mrantsieng@slrconsulting.com](mailto:mrantsieng@slrconsulting.com)]  
**Sent:** 12 June 2015 10:27 AM  
**Subject:** COZA IRON ORE: DRAFT SCOPING REPORT FOR PUBLIC REVIEW

**COZA IRON ORE**

**COZA IRON ORE PROJECT: DRIEHOEKSPAN 435 AND THAKWAANENG 575 SECTION, TSANTSABANE LOCAL MUNICIPALITY**

**NOTIFICATION OF THE AVAILABILITY OF THE DRAFT SCOPING REPORT**

**Introduction**

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The project is a green-fields project that will comprise mining from two separate pits located on farms Driehoekspan 435 (Remaining Extent) and Doornpan 445 (Portion 1). The open pit mining will be undertaken by means of truck and shovel. Mined ore will be crushed, screened and blended on site prior to being transported via rail for further processing off site.

In order for the project to commence, environmental authorisations and licences will be required under the following legislation:

- National Environmental Management Act (No. 107 of 1998) for activities listed under the Environmental Impact Assessment (EIA) Regulations.
- National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA) for activities listed under Schedule 1 (Section 19) of Regulation 718 (3 July 2003).
- National Environmental Management: Air Quality Act (No. 39 of 2004) for activities listed under the Government Notice 248 of 31 March 2010.
- National Water Act (No. 36 of 1998) for various water uses.

COZA appointed Synergistics Environmental Services (Pty) Ltd (now part of the SLR group) as the independent Environmental Assessment Practitioner to undertake the Scoping and Environmental Impact Assessment process required in support of the applications for the abovementioned authorisations and licences.

You are hereby notified that the scoping process has been completed and the Draft Scoping Report is now available for public review. The draft report will be available for public review for 30 calendar days (4 weeks). Attached is the electronic Draft Scoping report (without appendices). If you would like to obtain a full hard-copy or electronic copy of the report on CD-ROM, please send a request to the contact details below.

Please ensure that all written comments reach us by the **16 July 2015**. All written comments should be forwarded to:

**Mase Rantsieng**

Synergistics Environmental Services (Pty) Ltd (now part of the SLR group)

Tel: 011 467 0945

Fax: 011 467 0978

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

P.O Box 1596 Crameview Johannesburg 2060

**Mase Rantsieng**

Environmental Assessment Practitioner

SLR Consulting (Africa) (Pty) Ltd

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

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Fax: +27 11 467 0978

SLR Africa (Block 7)

Fourways Manor Office Park

Cnr Roos and Macbeth Streets

Fourways, Johannesburg, 2060

South Africa



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**NOTIFICATION OF DRAFT SCOPING REPORT (2016)**

COZA IRON ORE SCOPING REPORT FOR PUBLIC CONSULTATION - Message (HTML)

From: Mkhaleko Mkhaleko  
 To: Mkhaleko Mkhaleko  
 CC: Linda Mkhaleko (alternative contact)  
 Sent: Wednesday, 20 June 2024 10:56:08 AM  
 Subject: COZA IRON ORE SCOPING REPORT FOR PUBLIC CONSULTATION

**COZA IRON ORE PROJECT, TSANTSHANE LOCAL MUNICIPALITY  
 ENVIRONMENTAL IMPACT ASSESSMENT PROCESS UPDATE**  
 Departmental Mineral Resources Reference Number: (M)165/1/0/2/10000000

Dear Regulatory Authorities,

See attached letter for your attention.

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new open-pit iron ore mine, the COZA Iron Ore Mine, approximately 18 km from Postmasburg, in the Tsantshane Local Municipality of the Northern Cape Province. The scoping report was made available for public review from 30 June 2023 to 30 July 2023 via email, and in hard copy at the Tsantshane Local Municipality's library and at the SLM office in Johannesburg.

On 24 July 2023 the Minister of Environmental Affairs amended the list of waste management activities (SAR, 628) in terms of the National Environmental Management Waste Act No. 59 of 2008 (NEMWA) to include a new activity, amongst others activity 4(1) of Category B: The establishment or relocation of a residue stockpile or residue deposit resulting from activities which require a mining right, exploration right or production right in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).

This process update letter serves to inform you that due to this change in legislation, activity 4(1) of Category B has been added to the application for this project in order to allow the development of a waste rock dump.

A hard copy of the updated scoping report has been sent to your department for your review. You are given the opportunity to review the scoping report which includes this new activity until the 27<sup>th</sup> March 2024.

Written comments on the scoping report are to be submitted to Synergistics using the following contact details:

**COZA IRON Ore project**  
**Email Ref: (M)165/1/0/2/10000000**  
 Attention: Mkhaleko Mkhaleko (main contact) or Linda Mkhaleko (alternative contact)

Tel: 011 467 0845  
 Fax: 011 467 0278

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**COZA IRON Ore project**  
**Email Ref: (M)165/1/0/2/10000000**  
 Attention: Mkhaleko Mkhaleko (main contact) or Linda Mkhaleko (alternative contact)

Tel: 011 467 0845  
 Fax: 011 467 0278  
 Postal Address: PO Box 2386, Tsantshane, 2024





SMS content: COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by

Phonenumber	Network	Status	Scheduled Date	Submitted Date	Status Date	Group Sent Data	Description
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27797381463	Vodacom	DELIVRD	09/Feb/2016	09/Feb/2016	09/Feb/2	COZA Drie IAPS
27728304739	Vodacom	DELIVRD	09/Feb/2016	09/Feb/2016	09/Feb/2	COZA Drie IAPS
27728031883	Vodacom	DELIVRD	09/Feb/2016	09/Feb/2016	09/Feb/2	COZA Drie IAPS
27729114365	Vodacom	DELIVRD	09/Feb/2016	09/Feb/2016	09/Feb/2	COZA Drie IAPS
27731598856	MTN	DELIVRD	09/Feb/2016	09/Feb/2016	09/Feb/2	COZA Drie IAPS
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PROJECT ON THE FARMS DRIEHOEKSPAN  
435 AND THAAKWANENG 675

This is to certify that I

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in my capacity as a representative of

*Social Development*

..... Department of Health:.....

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<p><u>1</u> electronic copy (CD), of the Scoping Report for The Coza Iron Ore Project On The Farms Driehoekspan 435 And Thaaqwaneng 675</p>	<input checked="" type="checkbox"/>
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Date: *10/02/2015*

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in my capacity as a representative of

..... Department Agriculture and Fisheries.....

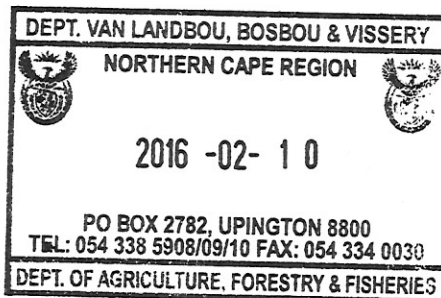
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*Rehina Britton*

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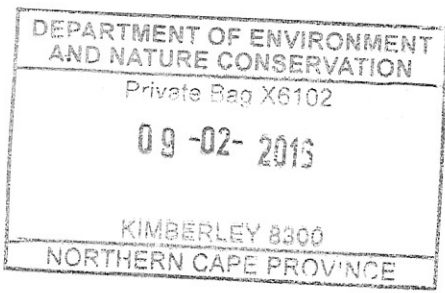
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in my capacity as a representative of

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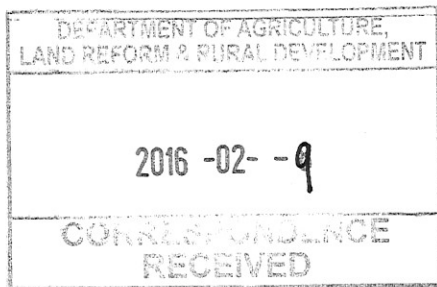
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.....

**in my capacity as a representative of**

..... **Tsantsabane Local Library**.....

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MORE ALBERT MATSIBI

in my capacity as a representative of

..... Maremane Community.....

have received the following documents:

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Heritage Cases Proposed Coza Iron Ore Project has been updated.

### Heritage Cases

VIEW EDIT

## Proposed Coza Iron Ore Project

Add new comment Subscribe to: This post 215 reads

CaseHeader LocationInfo Admin

**Status:** SUBMITTED

**HeritageAuthority(s):** SAHRA

**Case Type:** Section 38 (6) - Statutory Comment Required

**Development Type:** Mining

**ProposalDescription:**  
Coza Iron Ore Project: Driehoekspan and Thakwaaneng, Northern Cape

**ApplicationDate:** Monday, June 15, 2015 - 12:11

**CaseID:** 7908

**Applicants:** SLR Consulting (Africa)

**Consultants/Experts:** Mase Rantsieng

**OtherReferences:**

Dept	CaseReference	DueDate	FinalDecision
DMR	NC30/5/1/2/10034MR	16/07/2015	

ReferenceList:

### AdditionalDocuments

- 20150602 Draft Coza Scoping Report reduced.pdf
- Report - Coza.pdf
- Driehoekspan Scoping report for public review..pdf



Cell: 083 6600 865 Mienie  
e-mail: farrell@kimberley.co.za

**Compiling of documentation for Prospecting and Mining rights**

---

The Department of Mineral Resources  
Northern Cape Province  
Kimberley

Dear Sir/Madam,

**RE: ACKNOWLEDGEMENT OF RECEIPT OF DOCUMENTATION TO  
PROCESS A MINING RIGHT.**

Client: Coza Mining (Pty) Ltd  
Area: Driehoekspan 435 and Thaakwaneng 675  
District: Hay and Kuruman  
  
File no: NC 30/5/3/1/2/2/10082 MR

Acknowledgement of receipt of:

NEMA and NEM:WA application form (6 copies)

Received by: Selina Mashile  
Date: 08/02/2016



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mineral resources  
Department of Mineral Resources  
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File Upload:

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Document Type	File Name	Download
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Regulation 4(2) File	3 Licentia_MRA_Declaration_Draftworkshop_and_Therewithal_2.pdf	Download
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Appellate	14 Deedsplan revised application submitted 24 March 2018.pdf	Download
Appellate	15 Affidavit to the shareholders agreement (Signed by Deedsplan) (2017) final.pdf	Download
Appellate	12 Certificate of Incorporation/Continuing.pdf	Download
Appellate	13 Certificate of Incorporation/Continuing.pdf	Download
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Appellate	18 Name Register MRA 2015 MRA.pdf	Download
Appellate	2012-11-30 Coca Mining Share Cert 1047   EV Veldin, 031 080 0101.pdf	Download
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Appellate	2017- Minutes of DMR meeting.pdf	Download
Appellate	File of app.pdf	Download
Appellate	20180108 Complete application (1).pdf	Download

20180108 0020\_01...pdf

3018 AM 2018/01/08



**COMMENTS RECEIVED ON SCOPING REPORT FEBRUARY-MARCH 2016**

## Carol Kenyon



---

**From:** Nicole Abrahams (WR) <AbrahamsN@nra.co.za>  
**Sent:** 22 February 2016 11:41 AM  
**To:** Ntsako Baloyi; Linda Munro  
**Subject:** NC 30/5/1//2/2/10034MR

Good day Sir

I would herewith like to register as IAP for the above listed project. May I also request a locality plan indicating the proximity of your project in relation the nearest National Road.

Regards

	<p>Ms Nicole Abrahams <b>Environmental Coordinator</b> Tel: 021 957 4602                      Cell : 062 215 8945 Fax: 021 910 1699 Email: <a href="mailto:Abrahamsn@nra.co.za">Abrahamsn@nra.co.za</a></p>
<p>Reg.No. 1998/009584/30</p> 	<p>Sanral <b>Western Region</b> 1 Havenga Street, Oakdale, 7530 Private Bag X19, Bellville, 7535 <a href="http://www.sanral.co.za">www.sanral.co.za</a> SANRAL Fraud Hotline: 0800204558</p>

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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

Date: Tuesday February 16, 2016

Page No: 1

Email: nhiggitt@sahra.org.za

CaseID: 7908

## Interim Comment

### In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: SLR Consulting (Africa)  
P O Box 1596  
Cramerview  
2060

#### Coza Iron Ore Project, Driefontein, Ekspan and Thakwaaneng, Northern Cape

Thank you for notifying SAHRA of the Proposed Coza Iron Ore Project, near Postmasburg Town in the Tsantsabane Local Municipality of the Northern Cape.

It has been noted that heritage resources are discussed in the Scoping Report. Please ensure that a separate Heritage Impact Assessment is completed that considers the impacts of the activities as described in the Scoping Report and is submitted for comment.

In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources authority. This means that before such sites are disturbed by development it is incumbent on the developer to ensure that a **Heritage Impact Assessment** is done. This must include the archaeological component (Phase 1) any other applicable heritage components. Appropriate (Phase 2) mitigation, which involves recording, sampling and dating sites that are to be destroyed, must be done as required.

In your application received by SAHRA there was no indication of an assessment of the archaeological resources. The quickest process to follow for the archaeological component would be to contract a specialist (see [www.asapa.org.za](http://www.asapa.org.za)) to provide a Phase 1 Archaeological Impact Assessment Report.

The Phase 1 Impact Assessment Report will identify the archaeological sites and assess their significance. It should also make recommendations (as indicated in section 38) about the process to be followed. For example, there may need to be a mitigation phase (Phase 2) where the specialist will collect or excavate material and date the site. At the end of the process the heritage authority may give permission for destruction of the sites. If the property is very small or disturbed and there is no significant site the specialist may choose to send a letter to the heritage authority to indicate that there is no necessity for any further assessment.

Where bedrock is to be affected, or where there are coastal sediments, or marine or river terraces and in

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P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Natasha Higgitt

Date: Tuesday February 16, 2016

Page No: 2

Email: nhiggitt@sahra.org.za

CaseID: 7908

potentially fossiliferous superficial deposits, a Palaeontological Desk Top study must be undertaken to assess whether or not the development will impact upon palaeontological resources - or at least a letter of exemption from a Palaeontologist is needed to indicate that this is unnecessary. If the area is deemed sensitive, a full Phase 1 Palaeontological Impact Assessment will be required and if necessary a Phase 2 rescue operation might be necessary (see [www.palaeontologicalsociety.co.za](http://www.palaeontologicalsociety.co.za)).

Any other heritage resources that may be impacted such as built structures over 60 years old, sites of cultural significance associated with oral histories, burial grounds and graves, graves of victims of conflict, and cultural landscapes or viewsapes must also be assessed.

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

Yours faithfully

---

Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

---

Phillip Hine  
SAHRA Head Archaeologist (Acting)  
South African Heritage Resources Agency

---

**ADMIN:**

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www.sahra.org.za

Enquiries: Natasha Higgitt

Date: Tuesday February 16, 2016

Page No: 3

Email: nhiggitt@sahra.org.za

CaseID: 7908

Direct URL to case: <http://www.sahra.org.za/node/276951>  
(DMR, Ref: NC30/5/1/2/10034MR)

#### Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.

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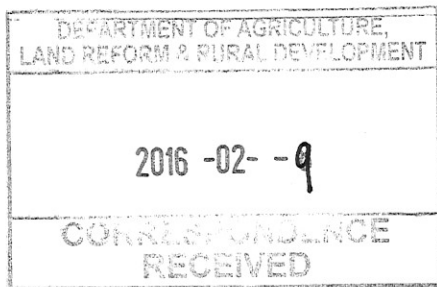
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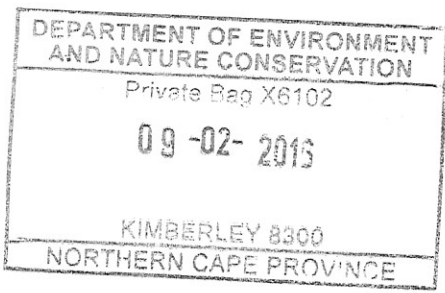
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South African National Roads Agency

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.....*Jacoline Mans*.....

in my capacity as a representative of

..... Department Agriculture and Fisheries.....

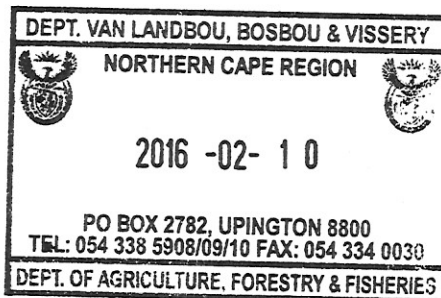
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in my capacity as a representative of

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..... Department of Health:.....

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*[Handwritten Signature]*



COZA MINING (PTY) LTD

SCOPING REPORT FOR THE COZA IRON ORE  
PROJECT ON THE FARMS DRIEHOEKSPAN  
435 AND THAAKWANENG 675

This is to certify that I

MORE ALBERT MATSIDIA.....

in my capacity as a representative of

..... Maremane Community.....

have received the following documents:

PLEASE COMPLETE AND TICK RELEVANT BOX

<u>1</u> hard copies, comprising of the Scoping Report for the Coza Iron Ore Project on the Farms Driehoekspan 435 And Thaakwaneng 675	<input checked="" type="checkbox"/>
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Date: 2016/02/09

Signature/ Stamp: 

Group name	Group description
COZA DRIEHOEKSPAN	IAPS

Phonenumber	DateTime	CustomerID	Status
27782433982	09/Feb/2016 09:41		EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.			
27798458167	09/Feb/2016 09:41		EXPIRED
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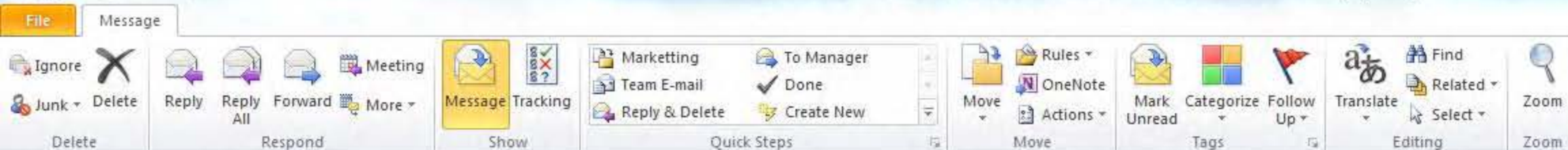
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27797381463	09/Feb/2016 09:41	DELIVRD
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27786858590	09/Feb/2016 09:41	EXPIRED
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27769798783	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27792547354	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27766428776	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27728304739	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27728305803	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27728031883	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		

27736548611	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27729114365	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27734244313	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27731598856	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27728945040	09/Feb/2016 09:41	DELIVRD
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27727197104	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		
27727144027	09/Feb/2016 09:41	EXPIRED
COZA Driehoekspan Scoping Report (Ref: (NC)30/5/1/2/2/10034MR ) is available for public review at Posmasburg Library or electronically upon request. Send all written comments by 10 March 2016 to Ntsako Baloyi: PO Box 1596, Cramerview, 2060; nbaloyi@slrconsulting.com; Tel. 0114670945.		



From: William Berry  
To: William Berry  
Cc: Linda Munro; Ntsako Baloyi  
Bcc: dsibayi@sahra.org.za; fortunec@ncpg.gov.za; jj089@lantic.net; msokatsha@ncpg.gov.za; lemmetjies@nra.org.za  
Subject: COZA IRON ORE: SCOPING REPORT FOR PUBLIC REVIEW NOTIFICATION

Sent: Tue 2016/02/09 09:34 AM

Message 20160209 Driehoekspan Scoping Report Notification.pdf (181 KB)

**COZA IRON ORE PROJECT, TSANTSABANE LOCAL MUNICIPALITY  
ENVIRONMENTAL IMPACT ASSESSMENT PROCESS UPDATE  
Department Mineral Resources Reference Number: (NC)30/5/1/2/2/10034MR.**

Dear Regulatory Authorities,

See attached letter for your attention.

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The scoping report was made available for public review from 10 June 2015 to 16 July 2015 via email, and in hard copy at the Tsatsabane Local Municipality's Library and at the SLR offices in Johannesburg.

On 24 July 2015 the Minister of Environmental Affairs amended the list of waste management activities (GNR. 633) in terms of the National Environmental Management Waste Act No. 59 of 2008 (NEM:WA) to include a new activity, amongst others: activity 4(11) of Category B: *The establishment or reclamation of a residue stockpile or residue deposit resulting from activities which require a mining right, exploration right or production right in terms of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002).*

This process update letter serves to inform you that due to this change in legislation, activity 4(11) of Category B has been added to the application for this project in order to allow the development of a waste rock dump.

One (1) electronic copy (CD) containing the updated scoping report has been sent to your department for your review. You are given the opportunity to review the scoping report which includes this new activity until the 15<sup>th</sup> March 2016.

Written comments on the scoping report are to be submitted to Synergistics using the following contact details:

**COZA IRON Ore project**

**DMR Ref: (NC)30/5/1/2/2/10034MR.**

Attention: Ntsako Baloyi (main contact) or Linda Munro (alternative contact)

Tel.: 011 467 0945

Fax: 011 467 0978

Postal Address: PO Box 1596, Cramerview, 2060



From: William Berry Sent: Tue 2016/02/09 09:34 AM  
 To: William Berry  
 Cc: Linda Munro; Ntsako Baloyi  
 Bcc: morematsididi@gmail.com; hcon1@live.com; mark.oosthuizen@assmang.co.za; ogill@vodamail.co.za; Sam.Fiff@transnet.net; adamw@assmang.co.za; mayorsec@tsantsabane.gov.za; gil@siyanda.gov.za; led@tsantsabane.gov.za; dircommserv@tsantsabane.gov.za; gvanstaden@siyanda.gov.za; kgoronyane@gmail.com; johank@assmang.co.za; jim@jimpos.co.za; swami5353@gmail.com; info@tshiping.co.za; gmabuya@gmail.com; neil@vanwall.co.za; cornelia@vanwall.co.za; apegam@ncpg.gov.za; bbarends@ncpg.gov.za; gregorygrig101@gmail.com; vkepadisa@gmail.com; henarohena2000@yahoo.com; elizabethmogoto@yahoo.com; adalene@yahoo.com; shaunette34@ovi.com; islay-jane.sparks@angloamerican.com; monnapulat@gmail.com  
 Subject: COZA IRON ORE: SCOPING REPORT FOR PUBLIC REVIEW NOTIFICATION

Message 20160209 Scoping report notification.pdf (166 KB)

**COZA IRON ORE PROJECT, TSANTSABANE LOCAL MUNICIPALITY  
 ENVIRONMENTAL IMPACT ASSESSMENT PROCESS UPDATE  
 Department Mineral Resources Reference Number: (NC)30/5/1/2/2/10034MR.**

Dear Interested and/or Affected Party

See attached letter for your attention.

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The scoping report was made available for public review from 10 June 2015 to 16 July 2015 via email, and in hard copy at the Tsantsabane Local Municipality's Library and at the SLR offices in Johannesburg.

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This process update letter serves to inform you that due to this change in legislation, activity 4(11) of Category B has been added to the application for this project in order to allow the development of a waste rock dump.

You will be given the opportunity to review the scoping report which will include this new activity from 9 February to 10 March 2016. The report will be made available via email upon request, and in hard copy at the Tsantsabane Local Municipality's Library as well as at the SLR offices in Johannesburg.

Written comments on the scoping report are to be submitted to Synergistics using the following contact details:

**COZA IRON Ore project**

**DMR Ref: (NC)30/5/1/2/2/10034MR.**

Attention: Ntsako Baloyi (main contact) or Linda Munro (alternative contact)



From: William Berry  
To: William Berry  
Cc: Linda Munro; Ntsako Baloyi  
Bcc: abe@dwarf.gov.za; makungoe@dwa.gov.za; dwerth@ncpg.gov.za; jacolinema@daff.gov.za  
Subject: COZA IRON ORE: SCOPING REPORT FOR PUBLIC REVIEW NOTIFICATION

Sent: Tue 2016/02/09 09:34 AM

Message 20160209 Driehoekspan Scoping Report Notification.pdf (181 KB)

**COZA IRON ORE PROJECT, TSANTSABANE LOCAL MUNICIPALITY  
ENVIRONMENTAL IMPACT ASSESSMENT PROCESS UPDATE  
Department Mineral Resources Reference Number: (NC)30/5/1/2/2/10034MR.**

Dear Regulatory Authorities,

See attached letter for your attention.

COZA Mining (Pty) Ltd (hereafter COZA) is proposing to develop a new opencast iron ore mine, the COZA Iron Ore Mine, approximately 10 km from Postmasburg, in the Tsantsabane Local Municipality of the Northern Cape Province. The scoping report was made available for public review from 10 June 2015 to 16 July 2015 via email, and in hard copy at the Tsantsabane Local Municipality's Library and at the SLR offices in Johannesburg.

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This process update letter serves to inform you that due to this change in legislation, activity 4(11) of Category B has been added to the application for this project in order to allow the development of a waste rock dump.

A hard copy of the updated scoping report has been sent to your department for your review. You are given the opportunity to review the scoping report which includes this new activity until the 15<sup>th</sup> March 2016.

Written comments on the scoping report are to be submitted to Synergistics using the following contact details:

**COZA IRON Ore project**

**DMR Ref: (NC)30/5/1/2/2/10034MR.**

Attention: Ntsako Baloyi (main contact) or Linda Munro (alternative contact)

Tel.: 011 467 0945

Fax: 011 467 0978

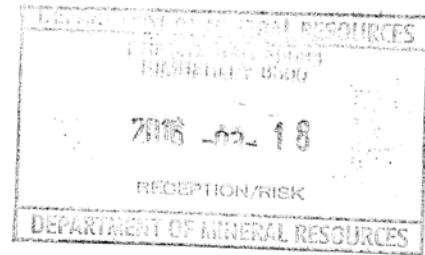


DATE STAMP



# mineral resources

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



Private Bag X 6093 Kimberley 8300, Street Address: First Floor, Perm Building, 65 Phakamile Mabija Street, Kimberley 8300  
Tel: 053 807 1700, Fax: 053 832 8527, Web page: [www.dmr.gov.za](http://www.dmr.gov.za)

Applicant: Coza Mining (PTY) LTD  
File Ref No: NC 30/5/1 10082 mp  
Documents handed in by (Print Name) Ruan  
Documents received by ((Print Name) Patricia

Receipt is hereby acknowledged of the following documents submitted to the DMR office in Kimberley:

	YES SUBMITTED	NOT SUBMITTED
Environmental Management Programme (EMP)		
Financial Provision/Guarantee		
Proof of Consultation		
Comments from interested and affected parties		
Objection		
Appeal		
General Enquiries		
Sketch Plans		
BEE initiative (shareholders agreement, share certificates)		
Letters		
Prospecting Work Programme (PWP)		
Financial and Technical competence		
Report on the results of consultation		
Other (Specify) <u>Environmental Impact Assessment Process update x 2</u>		

[Signature]

SIGNATURE  
REGISTRY OFFICIAL

[Signature]

SIGNATURE  
APPLICANT



Cell: 083 6600 865  
e-mail: farrell@kimberley.co.za

**Compiling of documentation for Prospecting and Mining rights**

The Department of Mineral Resources  
Northern Cape Province  
Kimberley



Dear Sir/Madam,

**RE: ACKNOWLEDGEMENT OF RECEIPT OF DOCUMENTATION TO  
PROCESS A MINING RIGHT.**

Client: Coza Mining (Pty) Ltd  
Area: Doornpan 445 and Driehoekspan 435 and Thaakwaneng 675  
District: Hay and Kuruman  
File nr: NC 30/5/1/2/2/10082MR

*Acknowledgement of receipt of:*

- 2 copies of revised scoping report

Received by: Pla (Patricia)  
Date: 18/03/2016

Revised scoping report\_Driehoekspan\_SAMRAD uploaded\_18 March 2016

The screenshot shows the 'mineral resources' website interface. At the top left is the South African coat of arms and the text 'mineral resources Department Mineral Resources REPUBLIC OF SOUTH AFRICA'. To the right, it says 'Welcome to the DMR online application portal'. Below this are navigation buttons: 'Home', 'Update My Profile', 'FAQs', 'Contact', and 'Log Off'. The main content area is a table with columns for document type, filename, and a 'Download' link.

Appendices	scoping_11a_driehoekspan_20160304.pdf		Download
Appendices	Revised scoping_8_Fig D-1 Regional and Local Setting2.pdf		Download
Appendices	Revised scoping_7_Figure 8-1 Site Layout Alternatives.pdf		Download
Appendices	Revised scoping_8_Appendix 5 PPP_part1.pdf		Download
Appendices	Revised scoping_8_Appendix 5 PPP_part2.pdf		Download
Appendices	Revised scoping_11_APPENDIX 6 LIST OF PLANT SPECIES ENCOUNTERED ON SITE.pdf		Download
Appendices	Revised scoping_1_Driehoekspan SR submission DMR.pdf		Download
Appendices	Revised scoping_2_Driehoekspan Scoping report to DMR.pdf		Download
Appendices	Revised scoping_3_Unda Ntiro - Proof of registration.pdf		Download
Appendices	Revised scoping_3_Unda Ntiro - Proof of registration.pdf		Download
Appendices	Revised scoping_4_SUR CVs (B Stobert, L Morris & Z Khumalo) (1).pdf		Download
Appendices	Revised scoping_5_Regional and Local Setting.pdf		Download

## Comments received during Review of Scoping Report



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

Northern Cape Provincial Operations  
Private Bag X 6101, Kimberley, 8301  
28 Central Road Beaconsfield Kimberley  
Tel: 053 836 7900, Fax: 053 842 3258, Email:wma10@dwa.gov.za

F ☎ 053 830 8825  
E ✉ [msimango@dws.gov.za](mailto:msimango@dws.gov.za)

✉ Msimango Philani  
☎ 053 836 7649  
📁 16/2/7/D73A/A/7/10034MR

SLR Consulting (Pty) Ltd  
P. O. Box 1596  
**Cramerview**  
2060

**Attention:** Ntsako Baloyi/ Linda Munro

### RE- SCOPING REPORT FOR THE COZA IRON ORE PROJECT ON THE FARMS DRIEHOEKSPAN 435 AND THAAKWANENG 675 FOR MINING APPLICATION NEAR POSTMASBURG, NORTHERN CAPE PROVINCE.

#### 1. Introduction

The Department of Water and Sanitation (DWS) received a scoping report for Iron Ore mining proposal by Coza Mining (Pty) Ltd. From herein, the applicant refers to Coza Mining (Pty) Ltd as listed in the BID. The document was then reviewed with reference to the National Water Act (Act 36 of 1998) and the following are the comments;

#### 1.1: WATER USES IDENTIFIED

Following the review of the documents submitted, the following water uses (not limited to this list) were identified/might be triggered:

WATER USE	PURPOSE	PROPERTY
Section 21 (a)	Abstraction of groundwater for mining related activities	Farms Driehoekspan 435 and Thaaqwaneng
Section 21 (c) & (i)	Drilling of boreholes/digging of trenches, mining operations within 1:100	Farms Driehoekspan 435 and Thaaqwaneng

	year floodline	
Section 21 (g)	Disposal of mine related waste, ore stockpiles, waste rock dumps, on site sanitation, etc	Farms Driehoekspan 435 and Thaakwaneng
Section 21 (j)	Pit dewatering	Farms Driehoekspan 435 and Thaakwaneng

**1.2: ISSUES TO BE ADDRESSED**

This Department has evaluated the scoping report and has no objections for its approval, provided, the following issues are addressed and strictly adhered to:

- a) Should the project continue, a site pre consultation meeting followed by application of Water Use Authorisation must be submitted to DWS in terms of the National Water Act, 1998 (Act 36 of 1998) before any mining activities take place.
- b) The Environmental Management Plan (EMP)/Environmental Impact Assessment (EIA) must clearly show all water courses as defined in the National Water Act, 1998 (Act 36 of 1998) as well as the delineation 1:100 year flood lines. No activity may occur within the 1:100 year flood line of a river/drainage lines without authorisation. No activity may occur within the 500 metres of a pan/wetland (perennial/non perennial) without authorisation.
- c) The EMP/EIA must clearly show the methods for collecting, storing, transporting and finally disposing of all waste products produced as well as the responsible and accountable persons. This includes written consent from the relevant accredited waste disposal site/ sewage disposal/ oil disposal in handling the waste. All applicable sections of the National Environmental Management: Waste Act 59 of 2008 should be strictly adhered to.
- d) The EMP/EIA must clearly identify all risks that are associated with the project that can affect the water resources in and around the project area and state all implementable measures to prevent and respond to accidents and abnormal events that may occur.
- e) The EMP/EIA must clearly show through a responsibility matrix and organogram the responsible persons for implementing the mitigation measures and reporting lines, in the event of an accident.
- f) The EMP/EIA must show in written form that the developer has made a legally binding commitment to implement the proposed mitigation measures and that these measures are not only suggestions and recommendations.
- g) The EMP/EIA must clearly show the process followed if the developer does not comply with the legal requirements of the EMP and National Water Act, 1998 (Act No 36 of 1998).

### 1.3 GENERAL CONDITIONS

The regulations on the use of water for mining and related activities aimed at the protection of the Water Resources as published in the Government Notice No.704 on 4 June (Government Gazette No. 20119) must be complied with. Every person in control of a mine or activity must take reasonable measures to comply with the following requirements;

- a) prevent water containing waste or any substance which causes or is likely to cause pollution of a water resource from entering any water resource, either by natural flow or by seepage, and must retain or collect such substance or water containing waste for use, re-use, evaporation or for purification and disposal in terms of the Act;
- b) design, modify, locate, construct and maintain all water systems, including residue deposits, in any area so as to prevent the pollution of any water resource through the operation or use thereof and to restrict the possibility of damage to the riparian or in-stream habitat through erosion or sedimentation, or the disturbance of vegetation, or the alteration of flow characteristics;
- c) cause effective measures to be taken to minimise the flow of any surface water or floodwater into mine workings, opencast workings, other workings or subterranean caverns, through cracked or fissured formations, subsided ground, sinkholes, outcrop excavations, audits, entrances or any other openings;
- d) design, modify, construct, maintain and use any dam or any residue deposit or stockpile used for the disposal or storage of mineral tailings, slimes, ash or other hydraulic transported substances, so that the water or waste therein, or falling therein, will not result in the failure thereof or impair the stability thereof;
- e) prevent the erosion or leaching of materials from any residue deposit or stockpile from any area and contain material or substances so eroded or leached in such area by providing suitable barrier dams, evaporation dams or any other effective measures to prevent this material or substance from entering and polluting any water resources;
- f) ensure that water used in any process at a mine or activity is recycled as far as practicable, and any facility, sump, pumping installation, catchments dam or other impoundment used for recycling water, is of adequate design and capacity to prevent the spillage, seepage or release of water containing waste at any time;
- g) at all times keep any water system free from any matter or obstruction which may affect the efficiency thereof; and
- h) cause all domestic waste, including wash-water, which cannot be disposed of in a municipal sewage system, to be disposed of in terms of an authorisation under the Act

This reply does not grant any exemption from the requirements of any applicable Act, Ordinance, Regulation or By-law.

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

You are invited to contact Mr P. Msimango of this office should you have any enquiries.

Yours sincerely

PP Phokhoantle  
PROVINCIAL HEAD: NORTHERN CAPE  
OPERATIONS

22/02/16  
DATE: