

Site Notices

SITE NOTICE / INVITATION TO COMMENT

NOTICE OF APPLICATION AND AVAILABILITY OF DRAFT SCOPING REPORT FOR MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND INTEGRATED WATER USE LICENCE

Repli Trading No 27 Pty Ltd, Prieska Zinc Copper Project

Copperton, Siyathemba Local Municipality, Northern Cape

Notification

Notification is hereby given in terms of the National Environmental Management Act 107 of 1998, Mineral and Petroleum Resources Development Act 28 of 2002, National Environmental Management: Waste Act 59 of 2008 and the National Water Act 36 of 1998 of the intent to apply for a Mining Right, Environmental Authorisation (EA), Waste Management Licence (WML) and Integrated Water Use Licence (IWULA) for activities associated with the Prieska Zinc Copper Project, an endeavour that is proposing to establish mining operations centred at the Prieska Copper Mine (PCM).

In addition, notification is also given that the Draft Scoping Report is available for public review and comment until **13 February 2018**.

Project Summary

Repli Trading No. 27 Pty Ltd (The Applicant) is seeking to establish mining operations centred at the PCM, whereby the remaining copper and zinc-rich Copperton Deposit, as well as nearby identified satellite mineralised deposits are mined by surface and underground mining techniques. A Bankable Feasibility Study (BFS) is currently underway to inform the mining, ore processing and mine infrastructure design. The planned operations would initially comprise of surface and underground mining operations, targeting the shallow remnants of the Copperton Deposit. Follow-up phases of mining will target underground mining of the deeper portions of the Copperton Deposit, as well as the surface and underground mining of all satellite opportunities, within commercially-truckable distances of the ore processing plant to be constructed at PCM. A new tailings storage facility, as well as waste rock dumps, water storage facilities, ore processing plant and other associated infrastructure will be required. Some dewatering of the old workings at PCM will be required as the mine is partially inundated.

The proposed Mining Rights Application (MRA) boundary comprises of the following properties:

- Portion 0 of the Farm Smous Pan 105;
- Portion 1 of the Farm Klipgats Pan 117;
- Portions 1, 25 and 26 of the Farm Vogelstruisbult 104; and
- Portion 0 of the Farm Slimes Dam 154.

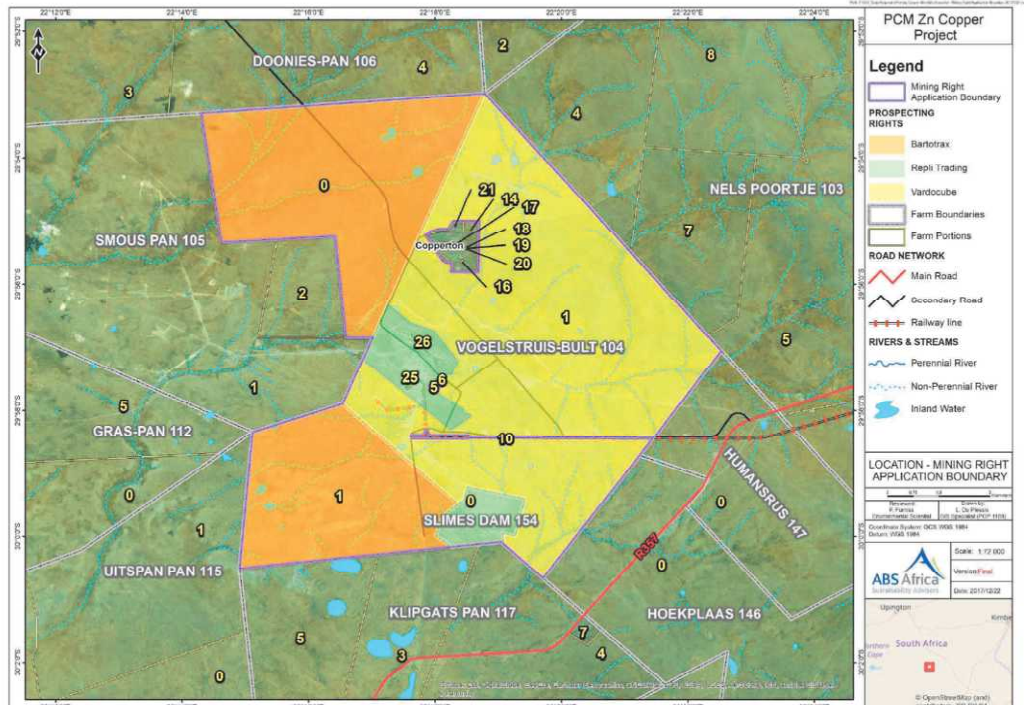
Environmental Impact Assessment Process

The proposed development concerns listed activities identified in Listing Notice 2 of the EIA Regulations, 2014. Accordingly, a Scoping and Environmental Impact Report Process (S&EIR) must be applied to the application for EA. The proposed project also triggers activity 11 of Category B of the National Environmental Management: Waste Act 59 of 2008. Various water uses listed in Section 21 of the National Water Act 36 of 1998 are also applicable to the proposed development.

The EA, WML and IWULA will be undertaken concurrently and informed through the S&EIR Process. The Scoping Phase of the S&EIR process has been completed and the findings thereof compiled into a Draft Scoping Report which is available for public review and comment. To register as an Interested and Affected Party (I&AP), obtain a copy of the Draft Scoping Report or for further information, please contact the appointed independent environmental assessment practitioner below:

Ms. Chané Pretorius
ABS Africa (Pty) Ltd
Tel: +27 21 403 6570
PO Box 1701, Gallo Manor, 2052
Email: prieskapp@abs-africa.com

Date of Placement: 10 January 2018



KENNISGEWING / UITNODIGING OM KOMMENTAAR TE LEWER

KENNISGEWING RAKENDE DIE AANSOEK OM 'N MYNREG, OMGEWINGSMAGTIGING, WATERVERBRUIKSLISENSIE AFVALBESTUURLISENSIE ASOOK DIE BESIKBAARHEID VAN DIE VOORLOPIGE OMVANGSBEPALINGSVERSLAG (OBV)

Repli Trading No. 27 Pty Ltd, Prieska Zinc Copper Project

Copperton, Siyathemba Plaaslike Munisipaliteit, Noord Kaap

Kennisgewing

Kennis word hiermee gegee in terme van die Omgewingsimpakbepaling (OIB) Regulasies (Staatskoerant R.982, R983, R984, R985) wat op 8 Desember 2014 in werking getree het, ingevolge die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (OMPW), (Wet No. 28 van 2002), die Nasionale Omgewingsbestuur: Afval Bestuur Wet (NOB:ABW), (Wet 59 van 2008), (asook die Nasionale Waterwet (NWW), (Wet 36 van 1998) van die beplande aansoek om 'n Myn Reg, Omgewingsmagtiging, geïntegreerde Waterverbruikslisensie asook Afvalbestuurslisensie vir aktiwiteite geassosieer met die Prieska Sink-Koper Projek. Die beplande projek behels die ontwikkeling van 'n sink en koper myn in die onmiddellike omgewing van die historiese Prieska Kopermyn (PCM).

Kennis word hiermee ook gegee van die beskikbaarheid van die voorlopige Omvangsbepalingsverslag (OBV) en Plan van Studie vir die Omgewingsimpakbepaling (OBP) wat beskikbaar sal wees vir publieke hersiening en insette tot en met **13 Februarie 2018**.

Projek Beskrywing

Repli Trading No. 27 Pty Ltd (die applikant) beplan om 'n myn te ontwikkel in die onmiddellike omgewing van die historiese PCM, wat die oorblywende koper en sink-ryke Copperton reserve, asook die nabygeleë satelliet reserves sal ontgin by wyse van ondergrondse asook oopgroef mynbou metodes. Tans word 'n uitvoerbaarheidstudie onderneem om die mynbouplan, minerale verwerking asook infrastruktuur vereistes te bepaal en ontwerp. Die beplande mynbou kompleks sal oorspronklik bestaan uit 'n oopgroef asook ondergrondse myn wat die vlakke oorblywende Copperton deposito sal ontgin. Daaropvolgende fases sal die dieper Copperton deposito ontgin by wyse van ondergrondse mynbou metodes, asook die oopgroef en ondergrondse ontginning van alle satelliet depositos wat ekonomies vervoer kan word na die sentrale verwerkingsaanleg wat by PCM beplan word. Verdere infrastruktuur sluit ook in uitskot stoor fasiliteite (slik asook rots materiaal), waterbestuur infrastruktuur en geassosieerde infrastruktuur. Ontwatering van die bestaande ondergrondse werke by PCM word vereis aangesien die werke gedeeltelik onderwater is.

Die beplande Myn Ryg Aansoek (MRA) sluit die volgende eiendomme in:

- Restant (Gedeelte 0) van die plaas Smous Pan 105;
- Gedeelte 1 van die plaas Klippats Pan 117;
- Gedeeltes 1, 25 en 26 van die plaas Vogelstruisbult 104; en
- Restant (Gedeelte 0) van die plaas Slimes Dam 154.

Omvangsbepaling en Impakbepaling Proses

Die Omgewingsimpakbepaling (OIB) Regulasies, 2014 ingevolge die Wet op Nasionale Omgewingsbestuur (NEMA), (Wet 107 van 1998), vereis dat 'n omgewingsmagtiging verkry word in terme van die bogenoemde wetgewing. Die omgewingsmagtiging behels 'n omvangsbepaling en impakbepaling proses.

Ingevolge die Nasionale Omgewingsbestuur: Afval Bestuur Wet, (Wet 59 van 2008) word vereis dat aansoek gedoen word om 'n afvalbestuurslisensie. 'n Waterverbruikslisensie (WVL) ingevolge die Nasionale Waterwet (Wet 36 van 1998) (NWW), word ook vereis.

Die omgewingsmagtiging, afvalbestuurslisensie, asook geïntegreerde waterverbruikslisensie sal terselfdertyd onderneem word en sal onderskraag word deur die omvangsbepaling en impakbepaling proses onderskraag. Die omvangsbepaling fase van die Omvangsbepaling en Impakbepaling proses is voltooi en die bevindinge is saamgevat in die voorlopige Omvangsbepalingsverslag (OBV) wat nou beskikbaar is vir publieke hersiening en kommentaar.

Om te registreer as 'n Belangstellende en Geaffekteerde Partye (B&GP'e), verdere inligting te bekom of om 'n kopie van die voorlopige OBV te bekom, kontak asb. die onderstaande onafhanklike omgewingsbepalingspraktisyn:

Me. Chané Pretorius
ABS Africa (Pty) Ltd
Tel: +27 21 403 6570
PO Box 1701, Gallo Manor, 2052
E-pos: prieskapp@abs-africa.com

Datum van Kennisgewing: 10 January 2018

Photographs of Placement of Site Notices



On the boundary fence alongside the access road to the Alkantpan Test Range



On the boundary fence of Portion 1 of Vogelstruisbult 104, at the intersection of the road to Copperton, Marydale



On the boundary fence at the intersection of the road to Copperton and the R357



On the access gate of the road to the historical TSF



At the entrance to the Prieska Municipal Library

Placement of Notices in Newspapers



Beste Japie,

Ek kan verstaan as jy teen die end van die jaar oot tyd skryf. Dit is juis wanneer dit die einde van die jaar raak of wanneer jy verjaar dat jy besef dat die tyd aanstap. Wanneer jy egter skryf dat die silwer klok aanstap met sy onverbiddele "tik-tok", dan klink dit amper asof jy sê dat die klok seggenskap het oot tyd. Die klok sê vir jou dat dit tyd is om op te hou rugby speel, sing of skryf.

Dit kan tog duidelik nie so wees nie. Na alles gesê en gebly, word die klok tog ook deur iemand gemaak. Hy het slegs 'n beperkte vermoë om tyd te meet. Maar, boonop, omdat hy deur iemand gemaak is, moet 'n mens besef dat die tyd ook vir die klok aanstap. Hy is dus deel van die verloop van tyd. Ook vir hom geld die "tik-tok". En omdat die klok deelneem aan die proses, kan hy nie optree as skeidsreger om te sê wanneer wat moet begin en wanneer wat moet eindig nie. Die skeidsreger kan tog nooit deel van die spel wees nie.

Boonop kan 'n mens darem nie so 'n swaarmoedige uitkyk op tyd hê nie. Dit is juis tyd wat geleenthede en vooruitsigte

A NEE A, JAPIE, GOOI 'N DOWE OOR

Tiek-Tok het nie die finale sê nie

bied. Ons hou almal vas aan die geloof dat dit sal kom reën. Dit is tyd wat hierdie wonderlike vooruitsig skep. Miskien moet 'n mens se klem nie val op die verloop van tyd nie, maar eerder die kosbaarheid van tyd en die positiewe aanwending daarvan. Dalk is dit beter om doelwitte te stel wat gekoppel is aan tyd en om voortdurend aandag aan jou doelwitte te gee. Dit is eers wanneer 'n mens nie egoïsties na tyd kyk en dit nie op 'n egoïstiese manier gebruik, wat

dit nie meer vir jou 'n verskrikking inhou nie. Dit is tyd wat 'n toekoms-dimensie het. En dit is tyd, wat tesame met positiewe doelwitte, maak dat dinge tot stand gebring word wat jou agterna laat wonder hoe dit reggekry is.

Tyd gaan nie net verby nie, dit skep nuwe geleenthede en hoop ek dat jy van denke sal verander, dat jy sal oorweeg om weer gereeld 'n briefie in die pos te gooi.

Groete, Pieter.

ROOIBOSTEE SE TWEDE BEURT

Clanwilliam reg vir 'n makietie

CLANWILLIAM – Rooibosdag staan gereed vir sy tweede beurt op 16 Januarie 2018.

Rooibos en sy vele gebruikte is so sinoniem met Suid-Afrikaanse geskiedenis en kultuur soos braai, lobola en biltong. Op 16 Januarie gaan die wonderplant die eer wat hom toekom ontvang tydens die tweede Nasionale Rooibosdag wat plaaslik en internasionaal gevier gaan word.

Dié opwindende gebeurtenis gaan wêreldwyd gevier word op verskeie sosiale media platforms met die hutsmerke #Rooibos Day, #Rooibos Dag, #My Rooibos Moment en #My Rooibos Oomblik. Verskeie bekende en invloedryke persoonlikhede soos Elvis Blue, Leah, Kurt Darren en Willem Botha gaan ook aanlyn hul liefde vir Rooibos deel.

Clanwilliam, die Rooiboshoofstad van die wêreld, gaan die dag vier met verskeie Rooibos-handelaars van die omgewing wat hul produkte gaan verkoop van hul handelposte, om sodoende besoekers te nooi om 'n egte Rooibos-ervaring te beleef. Besoekers word aangemoedig om rooi te dra om die dag te herdenk.

"Die datum stem ooreen met die verjaarsdag van Benjamin Ginsberg, wat gesien word as die vader van kommersiële Rooibostee," sê Marietjie Stander, mede-eienaar van Rooibosteehuis en medeskepper van Rooibos Route.

Ginsberg, 'n jong Russiese immigrant, het by sy pa, 'n tee-handelaar, op die plaas Rondegat in die Clanwilliam-distrik in 1904 aangesluit. Hy het gou 'n beheptheid met die plant ontwikkel en dit word algemeen aanvaar dat hy die eerste persoon was wat die blare van die Rooibosplant verwerk het en sodoende die kommersiële handel van Rooibos as 'n tee met die samewerking van plaaslike boere geopen het. Hy het die bemark as "Mountain Tea."

"Meer onlangs ontwikkelings sluit in die gebruik van die plant in skoonheidsprodukte en selfs in suksesvolle homeopatieëse geneesmiddels. Suid-Afrikaanse koffiewinkels het ook die gewilde Rooibos cappuccino, die wêreld se eerste tee-cappuccino, ontwikkel," sê Sanet Stander, Marietjie se suster en vennoot.

Die vraag na Rooibos het die afgelope paar jaar met sowat vyftig persent toegeneem, en die plant se gewildheid in Europa en Asië, asook die Verenigde State hou aan groei. Kenners meen dat Suid-Afrika nog nie naasteby die ware ontplofing van die Rooibos-bedryf beleef het nie. "Die tempo waarteen die plant se gewildheid groei is verbysterend. Van sy nederige kommersiële wortels in die 20ste eeu tot die globale be-dryf waarin hy vandag ont-wikkel het, hou Rooibos nooit op om mens te verstom nie," sê Gerda de Wet, kommunikasiebestuurder by Rooibos Ltd.

Die hele wêreld word aangemoedig om 'n koppie Rooibostee te geniet op 16 Januarie, en om hul Rooibos-resepte- en stories aanlyn te deel.



HERDENKING

Tydens 'n herdenkingsdiens vir die bejaardes van Die Sonskyn Diensentrum is hulde gebring aan lede en stigterslede van die sentrum. Op die foto is lede en familielede met hulle sertifikate. Regs is die voorsitter G. Walters, ook een van die stigterslede van die sentrum. Die bejaardes is ook verras met 'n kersete. – DR

SONSKYN SENTRUM VIR BEJAARDES

Herdenkingsdiens in Desember

CALVINIA – Die komitee van Sonskyn Diensentrum het in Desembermaand 'n Herdenkingsdiens gehou vir alle huidige en ou lede van die sentrum.

Hulde is gebring aan die stigters van die sentrum. 'n Kort oorsig oor die ontstaan van die sentrum is gedoen deur die voorsitter Me G. Walters. Die sentrum lê haar na aan die hart en sy wil nie hê dat die sentrum agteruit moet gaan nie en veral die oumense so verwaarloos word nie.

Sy was een van die stigterslede jare terug in 1989. Sy het ook 'n woord van dank aan die familie gegee van die wat al gesterf het wat help bou het en gehelp het vir die voortbestaan van die diensentrum. Die diensentrum moet 'n plek wees waar die oumense gelukkig kan wees en kan wees wie hul is.

Ds. West het 'n kort boodskap gebring en die gehoor bietjie gemotiveer om goed te doen aan die bejaardes.

Verskeie sangitems is gelewer deur verskillende kerkkore. Kerse is aan elke familielid gegee en aan die brand gestek ter nagedagtenis aan al die afgestorwenes wat lede was van die sentrum. Sertifikate is ook oorhandig aan lede vir hul bydrae wat hul gelewer het vir die bou en voortbestaan van die sentrum.

Me G Walters het groot plakke met die sentrum. Hul kombuis is oop en sal kan bane en brou vir spyseniering. Die hele naweek voor Kersfees was gewy aan lede van die sentrum. Die Sondag is die bejaardes trakteer op 'n kersete. – DR

KAREEBERG MUNISIPALITEIT

110/2017

VAKATURES - FINANSIËLE INTERNSKAP

Aansoeke op die voorgeskrewe aansoekvorm vir die volgende tydelike pos word ingewag:

* Carnarvon finansiële internskap: twee poste

Applikante moet ten minste oor 'n toepaslike tersiêre kwalifikasie in 'n finansiële rigting beskik, minimum NQF 5 of 6. Geliewe daarop te let dat dit slegs 'n tydelike aanstelling vir 'n tydperk van twee jaar is. Die vergoeding beloop R84 000.00 per jaar met geen byvoordele nie.

Aansoekvorms, asook volledige besonderhede van die Raad se diensvoorwaardes kan by die Hoof: Korporatiewe Dienste verkry word gedurende kantoor-ure.

Sluitingsdatum van aansoeke is Vrydag 2 Februarie 2018.

Indien u nie binne sewe dae vanaf sluitingsdatum 'n antwoord ontvang het nie, kan u aanvaar dat u aansoek onsuksesvol was.

MNR. M.F. MANUEL

Munisipale Bestuurder

Tel: 053 3823 012

12 Januarie 2018

Posbus 10

Carnarvon 8925

Windpomp Wassery
HOOPSTRAAT 10, CALVINIA
(LANGS ALFA ELEKTRIES)
THEO 082 649 1954

*Ons was klere,
beddegoed, gordyne, ens,*

DROP 'n GO
1 Wasmandjie
(WAS, DROOG, VOU)
R50

SKAKEL GERUS

NOTICE OF APPLICATION AND AVAILABILITY OF DRAFT SCOPING REPORT FOR MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND INTEGRATED WATER USE LICENCE

Repli Trading No. 27 Pty Ltd, Prieska Zinc Copper Project
Copperton, Siyathemba Local Municipality, Northern Cape

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- Portion 1 of the Farm Klippats Pan 117;
- Portions 1, 25 and 26 of the Farm Vogelstruisbult 104 and
- Portion 0 of the Farm Slimes Dam 154.

Environmental Impact Assessment Process

The proposed development concerns listed activities identified in Listing Notice 2 of the EIA Regulations, 2014. Accordingly, a Scoping and Environmental Impact Report Process (S&EIR) must be applied to the application for EA. The proposed project also triggers activity 11 of Category B of the National Environmental Management: Waste Act 59 of 2008. Various water uses listed in Section 21 of the National Water Act 36 of 1998 are also applicable to the proposed development.

The EA, WML and IWULA will be undertaken concurrently and informed through the S&EIR Process.

The Scoping Phase of the S&EIR process has been completed and the findings thereof compiled into a Draft Scoping Report which is available for public review and comment.

To register as an Interested and Affected Party (I&AP), obtain a copy of the Draft Scoping Report or for further information, please contact the appointed independent environmental assessment practitioner below:

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Email: priesskapp@abs-africa.com



Stakeholder Notifications / Acknowledgment of Receipt

Paul Furniss

From: PrieskaPPP
Sent: Friday, April 6, 2018 9:16 AM
Subject: Updated Draft Scoping Report
Attachments: Prieska Updated SR_English and Afrikaans_Final.pdf

Dear Interested and Affected Party

You are receiving this e-mail as you have been identified/registered as a interested and affected party with respect to the proposed Prieska mining operations. Attached hereto is a letter with further information on the availability of the updated Draft Scoping Report for review and comment.

We look forward to your participation.

Kind Regards

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Tel: +27 21 403 6570
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Postal address: PO Box 1701, Gallo Manor, 2052



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Convention Towers, 1st Floor, Corner of Heerengracht and Walter Sisulu Street, Foreshore, Cape Town, 8001.

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Paul Furniss

From: Chane Pretorius
Sent: Monday, January 8, 2018 4:06 PM
Cc: Paul Furniss
Subject: Prieska Zink Copper Project-Public Participation Process
Attachments: Prieska Zinc Copper Project_Stakeholder Notification Letter_A_Final.pdf; Prieska Zinc Copper Project_Stakeholder Notification Letter_E_Final.pdf

Dear Interested and Affected Party

Repli Trading No. 27 (Pty) Ltd. is seeking to establish mining operations centred at the Prieska Copper Mine.

You are receiving this e-mail as you have been identified as a potentially interested and affected party with respect to the proposed mining operations. Attached hereto is a letter with further information on the proposed project and the Scoping and Environmental Impact Reporting Process which ABS Africa has been appointed to undertake.

We look forward to your participation.

Kind regards

Chané Pretorius
Tel: +27 21 403 6570
e-mail: prieskapp@abs-africa.com
Postal address: PO Box 1701, Gallo Manor, 2052



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Convention Towers, 1st Floor, Corner of Heerengracht and Walter Sisulu Street, Foreshore, Cape Town, 8001.

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KENNISGEWING RAKENDE DIE AANSOEK OM N MYN REG, OMGEWINGSMAGTIGING, WATERVERBRUIKSLISENSIE AFVALBESTUURSLISENSIE ASOOK DIE BESKIKBAARHEID VAN DIE VOORLOPIGE OMVANGSBEPALINGSVERSLAG (OBV)

REPLI TRADING NO 27 PTY LTD, PRIESKA SINK KOPER PROJEK, COPPERTON, SIYATHEMBA
PLAASLIKE MUNISIPALITEIT, NOORD KAAP

9 Januarie 2018

Geagte Belanghebbende en Geaffekteerde Party

Kennisgewing

Kennis word hiermee gegee in terme van die Omgewingsimpakbepaling (OIB) Regulasies (Staatskoerant R.982, R983, R984, R985) wat op 8 Desember 2014 in werking getree het, ingevolge die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (OMPW), (Wet No. 28 van 2002), die Nasionale Omgewingsbestuur: Afval Bestuur Wet (NOB:ABW), (Wet 59 van 2008), (asook die Nasionale Waterwet (NWW), (Wet 36 van 1998) van die beplande aansoek om 'n Myn Reg, Omgewingsmagtiging, geïntegreerde Waterverbruikslisensie asook Afvalbestuurslisensie vir aktiwiteite geassosieer met die Prieska Sink-Koper Projek. Die beplande projek behels die ontwikkeling van 'n sink en koper myn in die onmiddellike omgewing van die historiese Prieska Kopermyn (PCM).

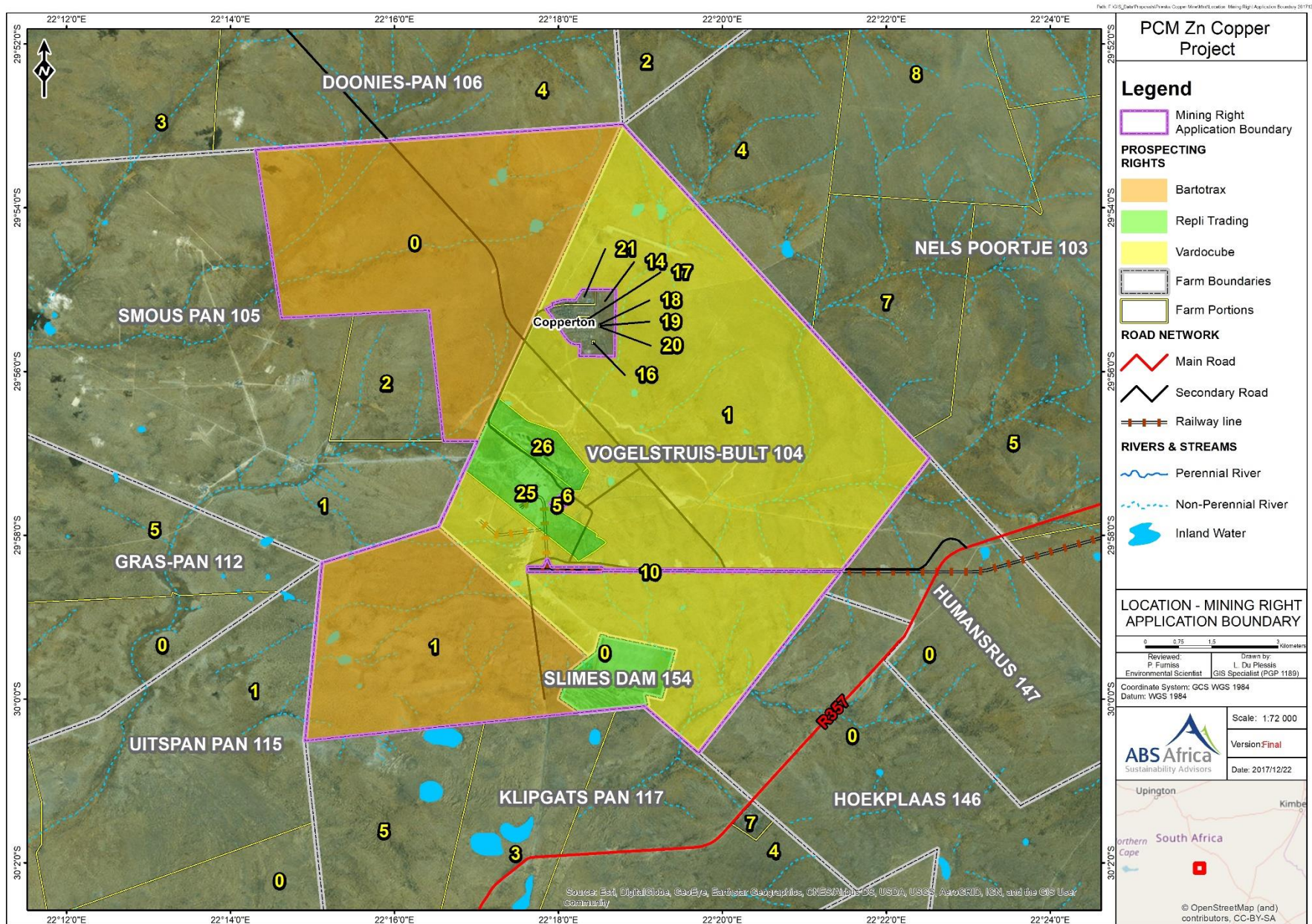
Kennis word hiermee ook gegee van die beskikbaarheid van die voorlopige Omvangsbepalingsverslag (OBV) en Plan van Studie vir die Omgewingsimpakbepaling (OBP) wat beskikbaar sal wees vir publieke hersiening en insette tot en met **13 Februarie 2018**.

Projek Beskrywing

Repli Trading No. 27 Pty Ltd (die applikant) beplan om 'n myn te ontwikkel in die onmiddellike omgewing van die historiese PCM, wat die oorblywende koper en sink-ryke Copperton reserwe, asook die nabygeleë satelliet reserwes sal ontgin by wyse van ondergrondse asook oopgroef mynbou metodes. Tans word 'n uitvoerbaarheidstudie onderneem om die mynbouplan, minerale verwerking asook infrastruktuur vereistes te bepaal en ontwerp. Die beplande mynbou kompleks sal oorspronklik bestaan uit 'n oopgroef asook ondergrondse myn wat die vlakker oorblywende Copperton deposito sal ontgin. Daaropvolgende fases sal die dieper Copperton deposito ontgin by wyse van ondergrondse mynbou metodes, asook die oopgroef en ondergrondse ontginning van alle satelliet depositos wat ekonomies vervoer kan word na die sentrale verwerkingsaanleg wat by PCM beplan word. Verdere infrastruktuur sluit ook in uitskot stoor fasiliteite (slik asook rots materiaal), waterbestuur infrastruktuur en geassosieerde infrastruktuur. Ontwatering van die bestaande ondergrondse werke by PCM word vereis aangesien die werke gedeeltelik onderwater is.

Die beplande Myn Reg Aansoek (MRA) sluit die volgende eiendomme in (soos per **Figuur 1**):

- ➔ Restant (Gedeelte 0) van die plaas Smous Pan 105;
- ➔ Gedeelte 1 van die plaas Klipgats Pan 117;
- ➔ Gedeeltes 1, 25 en 26 van die plaas Vogelstruisbult 104; en
- ➔ Restant (Gedeelte 0) van die plaas Slimes Dam 154.



Figuur 1: Ligging van die Myn Reg Aansoek Area

Omvangsbepaling en Impakbepaling Proses

Die Omgewingsimpakbepaling (OIB) Regulasies (Staatskoerant R.982/983/984/985) wat op 8 Desember 2014 in werking getree het, ingevolge die Wet op Nasionale Omgewingsbestuur (NOBW), (Wet 107 van 1998), vereis dat 'n omgewingsmagtiging verkry word in terme van die bogenoemde wetgewing. Die omgewingsmagtiging behels 'n omvangsbepaling en impakbepaling proses. Ingevolge veranderinge in die wetgewing oor afvalbestuur (SK R.632/633) wat op 24 Julie 2015 in werking getree het in gevolge die Nasionale Omgewingsbestuur: Afval Bestuur Wet, (Wet 59 van 2008) word vereis dat aansoek gedoen word om 'n afvalbestuurslisensie. 'n Waterverbruikslisensie (WVL) ingevolge die Nasionale Waterwet (Wet 36 van 1998) (NWW), word ook vereis. Die omgewingsmagtiging, afvalbestuurslisensie, asook geïntegreerde waterverbruikslisensie sal terselfdertyd onderneem word en sal onderskraag word deur die omvangsbepaling en Impakbepaling proses onderskraag.

ABS Africa (Pty) Ltd (ABS Africa) is aangestel as onafhanklike omgewingsbepalingspraktisyn om die Omvangsbepaling en Impakbepaling Proses te onderneem. Die omvangsbepaling fase van die Omvangsbepaling en Impakbepaling proses is voltooi en die bevindinge is saamgevat in die voorlopige Omvangsbepalingsverslag (OBV) wat nou beskikbaar is vir publieke hersiening en kommentaar. Die dokument is nou beskikbaar by die volgende Die dokument is nou beskikbaar vir 'n 30 dae periode en toegang kan as volg verkry word tot die dokument:

- ➔ Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- ➔ Via e-pos: prieskapp@abs-africa.com
- ➔ Kopieë van die dokument kan ook by die volgende plekke besigtig word:
 - Alkantpan Lodge in Copperton
 - Prieska Munisipale Biblioteek, Stewart Straat, Prieska
 - Prieska Munisipale Kantore, Victoria Straat, Prieska
 - Marydale Munisipale Kantore, Van Wyk Straat, Marydale
 - Niekerkshoop Munisipale Kantore, Kerk Straat, Niekerkshoop

Insette en kommentaar rakende die voorlopige Omvangsbepalingsverslag moet ABS Africa asb. bereik voor of op **13 February 2018**.

Insette en kommentaar wat ontvang word sal in 'n register vasgevang word en ingesluit word in die finale Omvangsbepalingsverslag wat by die Departement van Minerale Hulpbronne ingedien sal word. Partye wat geregistreer het as belanghebbende partye sal in kennis gestel word van die beskikbaarheid van die finale Omvangsbepalingsverslag asook verdere verwickelinge en dokumente was saamgestel word as deel van die Omvangsbepaling en Impakbepaling Proses.

Verdere Inligting

Indien verdere inligting verlang word aangaande die inhoud van hierdie brief, kan die onderstaande persoon gekontak word

Ons sien uit na U voortgesette deelname in die publieke deelname proses.

Die Uwe

Me. Chané Pretorius

Tel: +27 21 403 6570

e-pos: prieskapp@abs-africa.com

Pos adres: PO Box 1701, Gallo Manor, 2052

Ingesluit:

Registrasie en Kommentaar Blad

REGISTRASIE EN KOMMENTAAR BLAD

Indien u wil registreer as 'n Belanghebbende en Geaffekteerde Party (BGP) vir die projek, voltooi asb. die aangehegde vorm en stuur die voltooide vorm terug aan prieskapp@abs-africa.com.

Registrasie as 'n BGP sal verseker dat u in die toekoms verwittig sal word van die status van die aansoek asook die beskikbaarheid van Omvangsbepalingsverslag en die Omgewingsimpakbepalingverslag.

Die vorm kan ook gebruik word om voorlopige kommentaar of opmerkings te maak rakende die aansoek.

Wil u geregistreer word as 'n BGP vir die projek			Ja	Nee
Ek wil verdere inligting ontvang rakende die Projek via:		E-Pos	Pos	Fax

Naam & Van			
Organisasie			
Telefoon No.		Fax	
Sellulêre Telefoon No.		E-Pos	
Pos Adres			
Opmerkings			
Registreer asb. die volgende persoon as 'n BGP vir die projek:			

NOTICE OF APPLICATION AND AVAILABILITY OF DRAFT SCOPING REPORT FOR MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND INTEGRATED WATER USE LICENCE

REPLI TRADING NO 27 PTY LTD, PRIESKA ZINC COPPER PROJECT, COPPERTON, SIYATHEMBA LOCAL MUNICIPALITY, NORTHERN CAPE

9 January 2018

Dear Stakeholder

Notification

Notification is hereby given in terms of the National Environmental Management Act 107 of 1998, Mineral and Petroleum Resources Development Act 28 of 2002, National Environmental Management: Waste Act 59 of 2008 and the National Water Act 36 of 1998 of the intent to apply for a Mining Right, Environmental Authorisation (EA), Waste Management Licence (WML) and Integrated Water Use Licence (IWULA) for activities associated with the Prieska Zinc Copper Project, an endeavour that is proposing to establish mining operations centred at the Prieska Copper Mine (PCM).

In addition, notification is also given that the Draft Scoping Report is available for public review and comment until **13 February 2018**.

Project Summary

PCM is a closed mine situated approximately 3 km south of Copperton and 53 km south-west of the town of Prieska in the Siyathemba Local Municipality, Northern Cape Province. It was operated as an underground copper and zinc mine between 1971 and 1991.

Repli Trading No. 27 Pty Ltd (The Applicant) is seeking to establish mining operations centred at the PCM, whereby the remaining copper and zinc-rich Copperton Deposit, as well as nearby identified satellite mineralised deposits are mined by surface and underground mining techniques. A Bankable Feasibility Study (BFS) is currently underway to inform the mining, ore processing and mine infrastructure design. The planned operations would initially comprise of surface and underground mining operations, targeting the shallow remnants of the Copperton Deposit. Follow-up phases of mining will target underground mining of the deeper portions of the Copperton Deposit, as well as the surface and underground mining of all satellite opportunities, within commercially-truckable distances of the ore processing plant to be constructed at PCM. A new tailings storage facility, as well as waste rock dumps, water storage facilities, ore processing plant and other associated infrastructure will be required. Some dewatering of the old workings at PCM will be required as the mine is partially inundated.

The proposed Mining Rights Application (MRA) boundary comprises of the following properties (**Figure 1**):

- Portion 0 of the Farm Smous Pan 105;
- Portion 1 of the Farm Klipgats Pan 117;
- Portions 1, 25 and 26 of the Farm Vogelstruisbult 104; and
- Portion 0 of the Farm Slimes Dam 154.

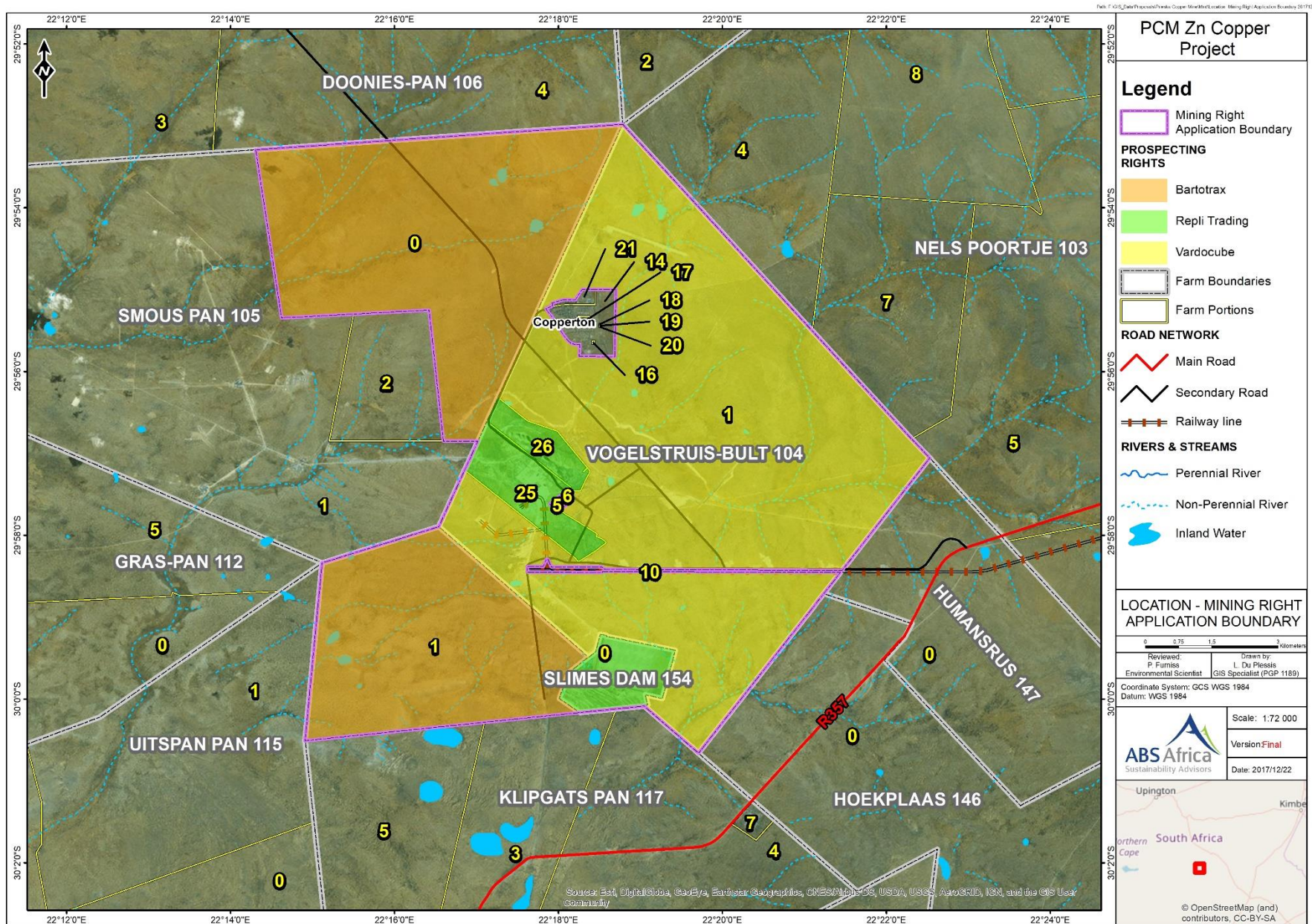


Figure 1: Location of the Mining Right Application Boundary

Scoping and Environmental Impact Reporting Process

The proposed development concerns listed activities identified in Listing Notice 2 of the EIA Regulations, 2014. Accordingly, a Scoping and Environmental Impact Report (S&EIR) Process must be applied to the application for EA. The proposed project also triggers activity 11 of Category B of the National Environmental Management: Waste Act 59 of 2008. Various water uses listed in Section 21 of the National Water Act 36 of 1998 are also applicable to the proposed development. The EA, WML and IWULA will be undertaken concurrently and informed through the S&EIR Process.

ABS Africa has been appointed as the Environmental Assessment Practitioner, responsible for undertaking the required S&EIR Process. The Scoping Phase of the S&EIR process has been completed and the findings thereof compiled into a Draft Scoping Report. The latter is available for a 30-day commenting period and may be accessed as follows:

- ➔ By download: <http://www.abs-africa.com/project-documents/>
- ➔ By e-mail: prieskapp@abs-africa.com
- ➔ Hard copies are available for review at the following venues:
 - Alkantpan Lodge in Copperton
 - Prieska Municipal Library, Stewart Street, Prieska
 - Prieska Municipal Office, Victoria Street, Prieska
 - Marydale Municipal Office, Van Wyk Street, Marydale
 - Niekerkshoop Municipal Office, Church Street, Niekerkshoop

Comments on the Draft Scoping Report are to be submitted to ABS Africa by **13 February 2018**.

Comments received will be captured into an Issues and Response Report which will be included in the Final Scoping Report to be submitted to the Department of Mineral Resources. Registered Interested and Affected Parties will be notified of the availability of the Final Scoping Report as well as all future documents compiled as part of the S&EIR process.

Further Information

Should you have any queries with respect to this letter, please contact the undersigned.

We welcome your ongoing participation.

Kind Regards

Ms. Chané Pretorius

Tel: +27 21 403 6570

e-mail: prieskapp@abs-africa.com

Postal address: PO Box 1701, Gallo Manor, 2052

Encl:

Registration and Comment Sheet

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

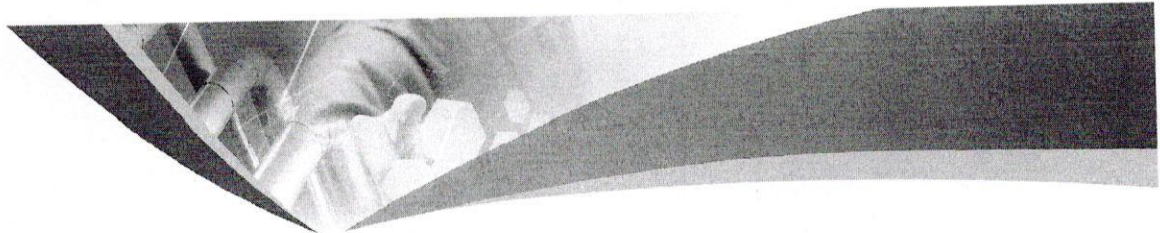
Applicant: *Repli Trading No 27 (PTY) Ltd*
 File Ref No: NC 30/5/1
 Documents handed in by (Print Name) *Scoping Report*
 Documents received by ((Print Name) *Patricia*

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) <i>Scoping Report</i>	✓	

.....
SIGNATURE
REGISTRY OFFICIAL

[Signature]
.....
SIGNATURE
APPLICANT



ABS Africa Pty Ltd
Po Box 14003
Vorna Valley
1686


Northern Cape Department: Environment and Nature Conservation

ACKNOWLEDGEMENT OF RECEIPT

I hereby acknowledge that I have received 2 x copies of the following document:

*Scoping Report - Application for Environmental Authorisation, Waste Management Licence and Water Use Licence
Prieska Zinc Copper Project, Copperton, Northern Cape March 2018*

Designation: PEO - T. MTHOMBENI

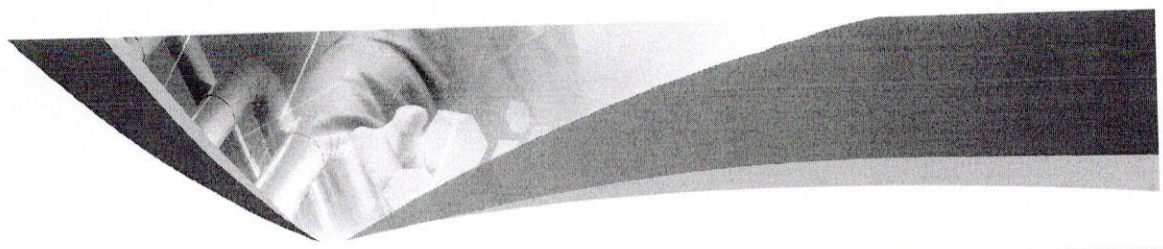
Signature: 

Date: 06.04.2018

Delivered by:

Name & Surname: Leroy du Plessis

Signature: 



ABS Africa Pty Ltd
Po Box 14003
Vorna Valley
1686

Department of Mineral Resources



ACKNOWLEDGEMENT OF RECEIPT

I hereby acknowledge that I have received 1 x copies of the following document:

*Scoping Report - Application for Environmental Authorisation, Waste Management Licence and Water Use Licence
Prieska Zinc Copper Project, Copperton, Northern Cape March 2018*

Designation: _____

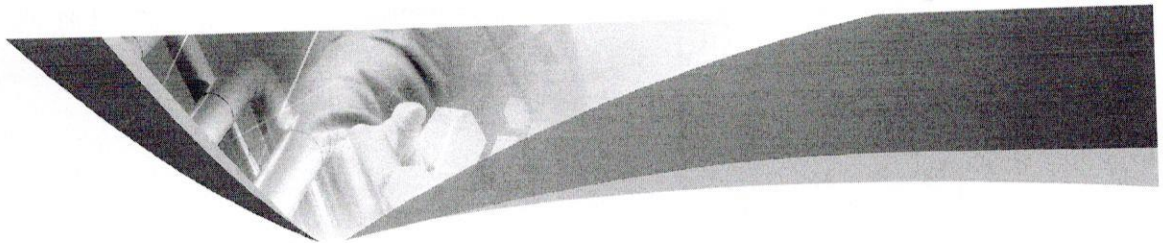
Signature: Blia

Date: 06.04.2018

Delivered by:

Name & Surname: Leroy du Plessis

Signature: [Signature]



ABS Africa Pty Ltd
Po Box 14003
Vorna Valley
1686

Department of Water and Sanitation

ACKNOWLEDGEMENT OF RECEIPT

I hereby acknowledge that I have received 1 x copies of the following document:

*Scoping Report - Application for Environmental Authorisation, Waste Management Licence and Water Use Licence
Prieska Zinc Copper Project, Copperton, Northern Cape March 2018*

Designation: Rafilwe Damane (Cand. Sci. Nat)

Signature: 

Date: 06/04/2018

Delivered by:

Name & Surname: Henry du Plessis

Signature: 

NOTICE OF SUBMISSION OF FINAL SCOPING REPORT FOR MINING RIGHT, ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND INTEGRATED WATER USE LICENCE

REPLI TRADING NO 27 PTY LTD, PRIESKA ZINC COPPER PROJECT, COPPERTON, SIYATHEMBA LOCAL MUNICIPALITY, NORTHERN CAPE

28 May 2018

Dear Interested and/or Affected Party

Notification

The purpose of this letter is to inform you that the Final Scoping Report (FSR) for the Prieska Zinc Copper Project has been submitted to the Department of Mineral Resources (DMR).

The FSR has been prepared in terms of the Mineral and Petroleum Resources Development Act (Act 28 of 2002) as amended and National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

Project Summary

PCM is a closed mine situated approximately 3 km south of Copperton and 53 km south-west of the town of Prieska in the Siyathemba Local Municipality, Northern Cape Province. It was operated as an underground copper and zinc mine between 1971 and 1991.

Repli Trading No. 27 Pty Ltd (The Applicant) is seeking to establish mining operations centred at the PCM, whereby the remaining copper and zinc-rich Copperton Deposit, is mined by surface and underground mining techniques. A Bankable Feasibility Study (BFS) is currently underway to inform the mining, ore processing and mine infrastructure design.

Scoping and Environmental Impact Reporting Process

In a letter dated 5 April 2018 interested and affected parties were notified of the availability to review and comment on the updated Draft Scoping Report (DSR).

A Final Scoping Report (FSR) has since been prepared and submitted to the DMR.

The FSR differs from the updated DSR in that:

1. Comments received on the updated DSR have been responded to and included in the FSR.
2. The tables of listed activities in Section 4.1 of the FSR have been updated in accordance with the project description by including:
 - a. Listed activity 12 (power generation from back-up generators) from Listing Notice 1 of the EIA Regulations, 2014 (as amended); and
 - b. Listed waste management activities 3 (recovery of a waste – backfill plant), 9 (disposal of inert waste – Waste Rock Dump) and 10 (construction of listed waste management activity) from Government Notice 718, promulgated in terms of the National Environmental Management: Waste Act 59 of 2008.

These activities were all previously included in the project description and no change has been made to the project description.

Availability of FSR

The FSR may be accessed as follows:

- ➔ By download: <http://www.abs-africa.com/project-documents/>
- ➔ By e-mail on request: prieskapp@abs-africa.com

Next Step

On acceptance of the FSR by the DMR, a Draft Environmental Impact Report (EIR) and Draft Integrated Water and Waste Management Plan (IWWMP) including, various specialist study reports, will be made available for review and comment. All I&APs will be notified of the availability of the Draft EIR and IWWMP.

Further Information

Should you have any queries with respect to this letter, please contact the undersigned.

We welcome your ongoing participation.

Kind Regards

Ms. Chané Pretorius

Tel: +27 21 403 6570

e-mail: prieskapp@abs-africa.com

Postal address: PO Box 1701, Gallo Manor, 2052

KENNISGEWING RAKENDE DIE AANSOEK OM N MYN REG, OMGEWINGSMAGTIGING, WATERVERBRUIKSLISENSIE, AFVALBESTUURSLISENSIE ASOOK DIE BESKIKBAARHEID VAN DIE FINALE OMVANGSBEPALINGSVERSLAG (FOBV)

REPLI TRADING NO 27 PTY LTD, PRIESKA SINK KOPER PROJEK, COPPERTON, SIYATHEMBA PLAASLIKE MUNISIPALITEIT, NOORD
KAAP

28 May 2018

Geagte Belanghebbende en Geaffekteerde Party

Kennisgewing

Die doel van hierdie brief is om u in kennis te stel dat die Finale Omvangsbepalingsverslag (FOBV) vir die Prieska Sink Koper Projek, by die Departement van Minerale Hulpbronne (DMH) ingedien is.

Die FOBV is voorberei ingevolge die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (OMPW), (Wet No. 28 van 2002) soos gewysig, en die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), soos gewysig.

Projek Beskrywing

Die Prieska Koper Myn (PKM) is 'n geslote myn geleë ongeveer 3 km suid van die dorp Copperton en 53 km suidwes van die dorp Prieska, binne die grense van die Siyathemba Plaaslike Munisipaliteit, Noord-Kaap Provinsie. Die myn was bedryf as 'n ondergrondse koper en sink myn tussen 1971 en 1991.

Repli Trading No. 27 (Pty) Ltd (die Applikant) beplan om 'n myn te ontwikkel in die onmiddellike omgewing van die historiese PKM, wat die oorblywende koper en sink-ryke Copperton reserwe, asook die nabygeleë satelliet reserwes sal ontgin by wyse van ondergrondse asook oopgroef mynbou metodes. Tans word 'n doenbaarheidstudie onderneem om die mynbouplan, minerale verwerking asook infrastruktuur vereistes te bepaal asook te ontwerp.

Omvangsbepaling en Impakbepaling Proses

Belangstellende en Geaffekteerde Partye (B&GP'e) is in 'n brief, gedateer 5 April 2018, in kennis gestel van die beskikbaarheid van die opgedateerde Omvangsbepalingsverslag vir hersiening en die geleentheid om kommentaar te lewer.

'n Finale Omvangsbepalingsverslag (FOBV) is sedertdien voorberei en aan die DMH voorgelê.

Die FOBV verskil van die opgedateerde KOBV as volg:

1. Insette wat op die opgedateerde KOBV ontvang is, is ingesluit in die FOBV met terugvoer.
2. Die tabel met gelyste aktiwiteite in Afdeling 4.1 van die FOBV is opgedateer in ooreenstemming met die projek beskrywing deur die volgende in te sluit:
 - a) Aktiwiteit 12 (kragopwekking vanaf rugsteunkragopwekker) uit Lyskennisgewing 1 van die OIB-regulasies, 2014 (soos gewysig); en
 - b) Afvalbestuursaktiwiteite 3 (herwinning van afval-Opvul aanleg), 9 (wegdoening van inerte afval - Opvul aanleg) en 10 (konstruksie van gelysde afvalbestuur aktiwiteite) vanaf Goewermentskennisgewing 718, afgekondig ingevolge die Nasionale Omgewingsbestuur: Afvalwet (NEM: WA, Wet 59 van 2008).

Hierdie aktiwiteite is almal voorheen in die projekbeskrywing ingesluit en daar is geen verandering aan die projekbeskrywing gemaak nie.

Beskikbaarheid van FOBV

Toegang tot die dokument kan as volg verkry word:

- ➔ Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- ➔ Via e-pos: prieskapp@abs-africa.com

Volgende stap

Indien die FOBV aanvaar word deur die DMH, sal 'n Konsep Omgewingsimpakverslag (OIV) en Konsep Geïntegreerde Water- en Afvalwaterbestuursplan (GWABP), insluiten verskeie spesialisstudies, beskikbaar gestel word vir insae en kommentaar. Alle B&GPe sal in kennis gestel word van die beskikbaarheid van die Konsep OIV en GWABP.

Verdere Inligting

Indien verdere inligting verlang word aangaande die inhoud van hierdie brief, kan die onderstaande persoon gekontak word

Die Uwe

Me. Chané Pretorius

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e-pos: prieskapp@abs-africa.com

Pos adres: PO Box 1701, Gallo Manor, 2052

**NOTICE OF AVAILABILITY OF DRAFT IMPACT ASSESSMENT REPORT FOR MINING RIGHT,
ENVIRONMENTAL AUTHORISATION, WASTE MANAGEMENT LICENCE AND INTEGRATED WATER
USE LICENCE**

**REPLI TRADING NO 27 PTY LTD, PRIESKA ZINC COPPER PROJECT, COPPERTON, SIYATHEMBA
LOCAL MUNICIPALITY, NORTHERN CAPE**

NC 30/5/1/2/2/(10138)MR

7 August 2018

Dear Interested and/or Affected Party

Notification

The purpose of this letter is to inform you of the availability of the Draft Environmental Impact Assessment Report (EIR), Environmental Management Programme (EMPr) and associated reports for the Prieska Zinc Copper Project, which is available for review during the period **8 August 2018 –10 September 2018**.

The Draft EIR has been prepared in terms of the Mineral and Petroleum Resources Development Act (Act 28 of 2002) as amended and National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended.

Project Summary

PCM is a closed mine situated approximately 3 km south of Copperton and 53 km south-west of the town of Prieska in the Siyathemba Local Municipality, Northern Cape Province. It was operated as an underground copper and zinc mine between 1971 and 1991.

Repli Trading No. 27 Pty Ltd (The Applicant) is seeking to establish mining operations centred at the PCM, whereby the remaining copper and zinc-rich Copperton Deposit, is mined by surface and underground mining techniques. A Bankable Feasibility Study (BFS) is currently underway to inform the mining, ore processing and mine infrastructure design.

Scoping and Environmental Impact Reporting Process

Registered I&APs were notified in a letter dated 28 May 2018 that the Final Scoping Report (FSR) was submitted to the DMR.

The Draft EIR has been prepared in accordance with the Plan of Study for EIA described within the FSR and the requirements of the Environmental Impact Assessment Regulations (2014, as amended).

Availability of Draft Environmental Impact Assessment and Commenting Period

The Draft EIR may be accessed as follows:

- By download: <http://www.abs-africa.com/project-documents/>
- By e-mail on request: prieskapp@abs-africa.com
- Hard copies are available for review at the following venues:
 - Alkantpan Lodge in Copperton
 - Prieska Municipal Library, Stewart Street, Prieska
 - Orion Minerals Office, Loots Boulevard, Prieska

- Marydale Municipal Office, Van Wyk Street, Marydale
- Niekerkshoop Municipal Office, Church Street, Niekerkshoop

Comments on the updated Draft EIR are to be submitted to ABS Africa by **10 September 2018**.

Comments received will be captured in an updated Comments and Response Report which will be included in the Final EIR to be submitted to the Department of Mineral Resources. Registered Interested and Affected Parties will be notified of the availability of the Final EIR.

Further Information

Should you have any queries with respect to this letter, please contact the undersigned.

We welcome your ongoing participation.

Kind Regards

Ms. Chané Pretorius

Tel: +27 21 403 6570

e-mail: prieskapp@abs-africa.com

Postal address: PO Box to 14003, Vorna Valley, 1686

**KENNISGEWING RAKENDE DIE BESIKBAARHEID VAN DIE KONSEP OMGEWINGSIMPAKBEPALINGS
VERSLAG VIR N MYN REG, OMGEWINGSMAGTIGING,
WATERVERBRUIKSLISENSIE, AFVALBESTUURSLISENSIE ASOOK DIE BESIKBAARHEID
VAN DIE FINALE OMVANGSBEPALINGSVERSLAG (FOBV)**

**REPLI TRADING NO 27 PTY LTD, PRIESKA SINK KOPER PROJEK, COPPERTON, SIYATHEMBA PLAASLIKE MUNISIPALITEIT, NOORD
KAAP**

NC 30/5/1/2/2/(10138)MR

7 Augustus 2018

Geagte Belanghebbende en Geaffekteerde Party

Kennisgewing

Die doel van hierdie brief is om u in kennis te stel van die beskikbaarheid van die Konsep Omgewingsimpakbepaling Verslag (OIBV) vir die Prieska Sink Koper Projek, wat beskikbaar sal wees vir publieke hersiening en kommentaar gedurende die periode 8 Augustus 2018 – 10 September 2018.

Die Konsep OIBV is voorberei ingevolge die Wet op die Ontwikkeling van Minerale en Petroleum Hulpbronne (OMPW), (Wet No. 28 van 2002) soos gewysig, en die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), soos gewysig.

Projek Beskrywing

Die Prieska Koper Myn (PKM) is 'n geslote myn geleë ongeveer 3 km suid van die dorp Copperton en 53 km suidwes van die dorp Prieska, binne die grense van die Siyathemba Plaaslike Munisipaliteit, Noord-Kaap Provinsie. Die myn was bedryf as 'n ondergrondse koper en sink myn tussen 1971 en 1991.

Repli Trading No. 27 (Pty) Ltd (die Applikant) beplan om 'n myn te ontwikkel in die onmiddellike omgewing van die historiese PKM, wat die oorblywende koper en sink-ryke Copperton reserwe, asook die nabygeleë satelliet reserwes sal ontgin by wyse van ondergrondse asook oopgroef mynbou metodes. Tans word 'n doenbaarheidstudie onderneem om die mynbouplan, minerale verwerking asook infrastruktuur vereistes te bepaal en ontwerp.

Omvangsbepaling en Impakbepaling Proses

Belangstellende en Geaffekteerde Partye (B&GP'e) is in 'n brief, gedateer 28 Mei 2018, in kennis gestel dat die Finale Omgewingsimpakbepaling (FOBV) voorberei en aan die DMH voorgelê is.

Die Konsep OIBV is voorberei ooreenkomstig met die Studieplan vir die OIB wat in die FOBV beskryf word en die vereistes uitgele in die Omgewings Impakbepalings Regulasies (2014, soos gewysig)

Besikbaarheid van OIBV en Kommentaar Periode

Toegang tot die dokument kan as volg verkry word:

- ➔ Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- ➔ Via e-pos: prieskapp@abs-africa.com
- ➔ Kopieë van die dokument kan ook by die volgende plekke besigtig word:

- Alkantpan Lodge in Copperton
- Prieska Munisipale Biblioteek, Stewart Straat, Prieska
- Prieska Munisipale Kantore, Victoria Straat, Prieska
- Marydale Munisipale Kantore, Van Wyk Straat, Marydale
- Niekerkshoop Munisipale Kantore, Kerk Straat, Niekerkshoop.

Insette en kommentaar rakende die Konsep Omvangsbepalingsverslag moet ABS Africa asb. bereik voor of op **10 September 2018**.

Insette en kommentaar wat ontvang word sal in 'n register vasgevang word en ingesluit word in die finale OIBV wat by die Departement van Minerale Hulpbronne ingedien sal word. Partye wat geregistreer het as belanghebbendes sal in kennis gestel word van die beskikbaarheid van die finale OIBV.

Verdere Inligting

Indien verdere inligting verlang word aangaande die inhoud van hierdie brief, kan die onderstaande persoon gekontak word

Die Uwe

Me. Chané Pretorius

Tel: +27 21 403 6570

e-pos: prieskapp@abs-africa.com

Pos adres: PO Box 1701, Gallo Manor, 2052



South African Radio Astronomy Observatory (SARAO)

www.ska.ac.za



Ms. Chane Pretorius
Environmental Consultant
ABS Africa Sustainability Advisors
PO Box 1701
Gallo Manor
2052

Email: prieskapp@abs-africa.com

14 February 2015

Dear Ms Pretorius,

Re: Prospecting Rights for Prieska Zinc-copper Project

This letter is in response to your email regarding the potential impact of conducting a prospecting activities to establish mineral resources for Copper and Zinc in Northern Cape Province.

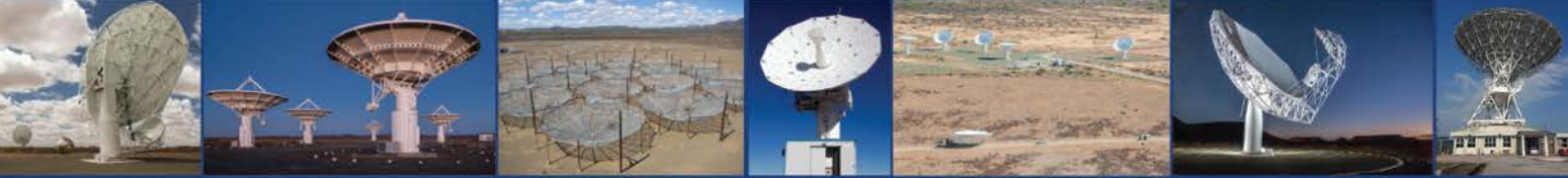
SARAO hereby notify ABS Africa that proposed facility is within declared Karoo Central Astronomy Advantage Areas, which is protected for radio astronomy purpose in terms of the Astronomy Geographic Advantage Act in the Government Gazette number 37434 under notice number 198 of 2014. High level impact assessment does not mean the Astronomy Management Authority will automatically approve a permit for radio frequency transmissions or electrical emissions when the regulation for the protection of the Karoo Central Astronomy Advantage Areas are promulgated. Compliance assessment will be conducted for each radio transmission or electrical emission.

SARAO conducted high level risk assessment based on limited information to determine the potential impact of such activities on the Square Kilometer Array. This letter notes the outcome of high level risk assessment, and recommend additional investigation and, the control plan of interference signals.

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The South African Radio Astronomy Observatory (SARAO)

The South African Radio Astronomy Observatory (SARAO) spearheads South Africa's activities in the Square Kilometre Array Radio Telescope, commonly known as the SKA, in engineering, science and construction. SARAO is a National Facility managed by the National Research Foundation and incorporates radio astronomy instruments and programmes such as the MeerKAT and KAT-7 telescopes in the Karoo, the Hartebeesthoek Radio Astronomy Observatory (HartRAO) in Gauteng, the African Very Long Baseline Interferometry (AVN) programme in nine African countries as well as the associated human capital development and commercialisation endeavours.



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The following are the observation from high level assessment:

- i. The location of the proposed activities has been identified from the Draft Scoping Report compiled by ABS Africa sustainability Advisors;
- ii. One (1) SKA stations was identified to be located within 40km away from the proposed prospecting area;
- iii. Based on distance to the nearest SKA stations and information currently available on prospecting activities, the proposed location poses a **very high** risk of detrimental impact on the SKA telescope receiver;
- iv. Any transmitter to be established, or have been established, at the site for the purposes of voice and data communication will be required to comply with the relevant AGA regulations concerning the restriction and use of the radio frequency spectrum that applies in the area concerned;
- v. As a result of the **very high** risk associated with the prospecting activities near Prieska and Carnarvon, the SKA project office recommends a detailed EMI and RFI assessment or measurement to determine the level of interference and mitigation measures to reduce the risk of detrimental impact to an applicable level;
- vi. The South African SKA Project Office would like to be kept informed of progress with this project, and reserves the right to conduct risk assessments at a later stage.

Until such studies are conducted and the control plan is developed to implement necessary measures to reduce the interference levels, SARAO does not support this prospecting application. High level assessment is attached in annexure A.

Kind Regards,

Selaelo Matlhane, Pr Eng, MPM® CIPM®

Spectrum & Telecoms Manager
South African Radio Astronomy Observatory (SARAO)
Office: 011 442 2434
email: smatlhane@ska.ac.za

www.ska.ac.za

ANNEXURE A

Summary of the main issues

The table below indicates a summary of the initial findings.

Technology	Comments
Two-way Radio	The frequency band is out the regulated band and therefore this system does not pose any risk to the SKA.
Wi-Fi	There is no sufficient data provided to conduct a more practical assessment. When using the worst case specifications, the system poses a very high risk to two SKA stations and it also exceeds prescribed interference levels at the SKA Core site.
Leaky Feeder	This system when used underground does not pose any risk to the SKA. ABS Africa must confirm that there is no above ground communications and if there is, must provide technical specifications for portable devices.
Telemetry and Communications	ABS Africa must provide technical information to enable assessment of this technology.
Electrical Equipment	ABS Africa must provide technical specifications that included power ratings, height above ground and EMC specifications of all electrical equipment.

The high level assessment is based on limited information provided and does not replace the necessity for a detailed assessment or requirement to comply with the regulations of the Karoo Central Astronomy Advantage Areas.

TECHNICAL ASSESSMENT

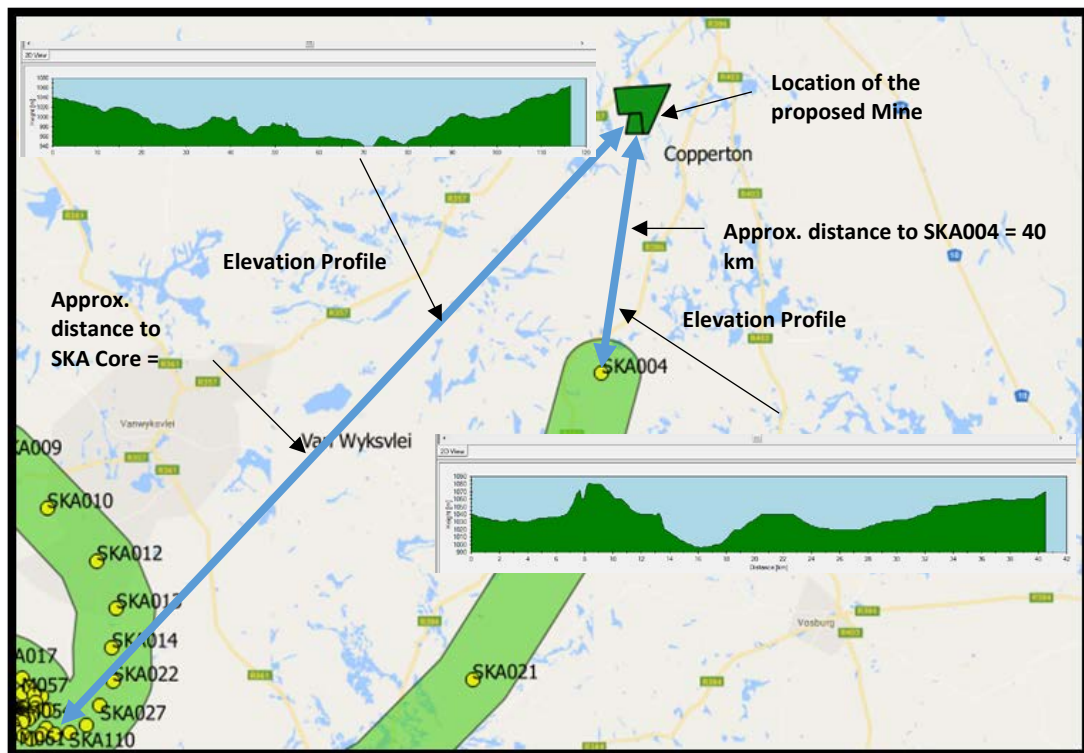


Figure 1: Outline of the location of the proposed mine and its proximity to the SKA core and mid-frequency spiral arm

Figure 2 below indicates the received signal level that exceeds the saturation threshold of -100 dBm. The signals above the saturation threshold prevent scientific activities and have a potential to damage the SKA telescopes receivers.

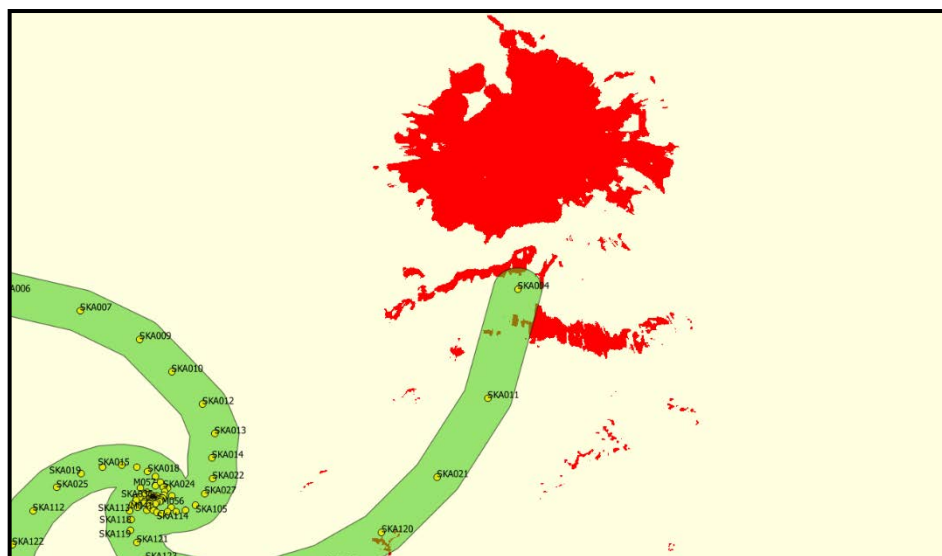


Figure 2: Received Signal Power (dBm) coverage of a typical WAS/RLAN at proposed location

Based on the parameters given in Table 1.1, the received signal level of -143 dBm at the SKA Core exceed the SARAS protection level. Mitigation measures require attenuation of at least 32.42 dB.

Table 1.1: The parameters used for assessment of WLAN transmission

Transmission Parameter	Value
Geographic Coordinates	Long: 22.334 East Lat: 29.946 West
Transmitter height	15m
Transmitter Power	4 W
Signal Bandwidth	20 MHz

RXLEV (dBm)	TX FREQ (MHz)	B / W (MHz)	RESULTS	REQ ATT (dB)
-143.2	5180	20	FAILED	32.41185772

Figure 3. Results of the SARAS test based on the above parameters



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 7600, Fax: 053 842 3258, Email: wma10@dwa.gov.za

F 053 830 8825
E sekwailak@dwa.gov.za

✉ Khutjo Sekwaila
☎ 053 836 2233
✉ **By Hand**

REPLI TRADING NO. 27 (PTY) LTD
87 Central Road
Herlear
Kimberley
8301

Attention: Mr N. Mosiapo

RE- DRAFT SCOPING REPORT FOR THE PROPOSED PRIESKA ZINC COPPER PROJECT NEAR COPPERTON, NORTHERN CAPE PROVINCE.

1. Background

The Department of Water and Sanitation received a draft scoping report for the Prieska Zinc Copper Project, from ABS Africa, requiring comments. The document was then reviewed with reference to the National Water Act (Act No. 36 of 1998) and the following are the comments;

As mentioned in the draft scoping report, the Department takes note that the proposed activity at will include:

1. The establishment of mining operations on Portion 0 of the Farm Smous Pan 105; Portion 1 of the Farm Klipgats Pan 117; Potions 1, 25, and 26 of the Farm Vogelstruisbult 104 and Portion 0 of the Farm Slimes Dam 154.
2. The establishment of various ore processing and mine support infrastructure on the property.
3. The requirement for reliable water supply for the various activities that form part of the mining process.

2. Distance from the water course

Please note that our Department rates all perennial and non-perennial rivers together with all dry river beds and natural drainage and associated riparian areas extremely sensitive to development. An option of developing furthest away from the all water course would be the preferred option.

Please note that no development should be done within 100 m or 1:100 year flood line of any water course and 500m of wetlands without authorisation from our Department. The water courses should be delineated in order to provide appropriate buffer to maintain such water course. The delineation should be done according to the appropriate Department of Water and Sanitation's delineation document.

The construction camp shall not be located within the 1:100 year flood line or within 100 meters whatever is the greatest from any watercourse. Operation and storage of equipment within the riparian zone must be limited as far as possible.

Vehicles and other machinery must be serviced well above the 1:100 year flood line or within a horizontal distance of 100 meters from any watercourse or estuary. Oils and other potential pollutants must be disposed off at an appropriate licensed site, with the necessary agreement from the owner of such a site.

3. Storm Water management

Any storm water must be diverted from the construction works and roads and must be managed in such a manner as to disperse runoff and to prevent the concentration of storm water flow. Where necessary, works must be constructed to attenuate the velocity of the storm water discharge and to protect the banks of the watercourse. Storm water control works must be constructed, operated and maintained in a sustainable manner throughout the project.

Increased runoff due to vegetation clearance and/or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of silt entering the watercourse. Storm water leaving the construction site must in no way be contaminated by any substance, whether such substance is a solid, liquid, vapour or gas or a combination thereof which is produced, used, stored, dumped or spilled on the premises.

4. Invasive alien vegetation

As stated in the basic assessment, vegetation must be monitored and managed on an on-going basis during the operation of the power lines. Alien vegetation must not be allowed to further colonise the area, and all new alien vegetation recruitment must be eradicated or controlled, using standard methods approved by the Department.

5. Design and layout alternatives:

A detailed layout plan needs to be submitted to our Department showing all the facilities in the proposed development, distance from the any watercourses and bathroom facilities.

Details of the final design must also be supplied as soon as a decision has been made, as the details of this factor may influence the environmental impact both during the construction and operational phases of the project.

6. Construction

Details of the actual construction method must be stated as soon as possible, as it may significantly impact on the type and quantity of the construction waste and impact on the water resources.

Material with pollution generating potential must be limited in any construction activities. Any hazardous substances must be handled according to the relevant legislation relating to transport, storage and use of the substance.

Any spillage of any hazardous materials including diesel that may occur during construction and operation must be reported immediately to our Department.

Please be informed that Construction water may not be obtained from any water recourse without the necessary authorization. The Department notes the intention to source water from local municipalities. Please provide proof of such agreements to the Department prior to commencement.

7. Waste Management

Rubbish bins and Enviro loose/mobile toilets must be there and enough for the people on site during construction. A letter of consent from a registered waste facility to allow contractor to empty the toilet facility at their sewer system should be submitted to our department.

All sewage, grey and wash water, as well as any waste generated during the construction phase of the facilities will be collected, contained and disposed of at the permitted and / or licensed facilities of the Local Authority and this must please be confirmed in writing by the local authority.

8. Rehabilitation


Soils that have become compacted through the activities of the development must be loosened to an appropriate depth to allow seed germination. The necessary erosion prevention mechanisms must be employed to ensure the sustainability of all structures and activities and to prevent in-stream sedimentation.

9. Water use entitlement

The Department notes that the proposed project will form part of an existing application for water use authorisation for prospecting activities. Please take note that a water use authorisation application will need to be submitted to our Department in order to process authorisation for the mining phase.

10. Conclusion

Should the above issues be considered and all the requested documentation be submitted, the Department of Water and Sanitation has no objection to the proposed development.



DIRECTOR: INSTITUTIONAL ESTABLISHMENT
DATE: 1/2/2018



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Private Bag X 6093 Kimberley, 8300; Tel: 0538071700; Fax: 0538328593
65 Phakamile Mabija, 1st Floor Permanent Building, Kimberley 8300

Enquiries: Johannes Nematatani Ref No: NC 30/5/1/2/2/ (10132) MR
E-mail address: Johannes.Nematatani@dmr.gov.za
Mine Environmental Management

BY REGISTERED MAIL

The Director
Repli Trading and Investments (Pty) Ltd
87 Central Road
Herlear
8301

Attention: Nelson Masiapoa

ACKNOWLEDGEMENT OF AN APPLICATION FOR ENVIRONMENTAL AUTHORISATION LODGED IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR MINING RIGHT AND RELATED INFRASTRUCTURAL ACTIVITIES ON PORTIONS 1, 25 AND 26 OF THE FARM VOGELSTRUISBULT 104, SITUATED IN THE MAGISTERIAL DISTRICT OF PRIESKA NORTHERN CAPE REGION.

1. I refer to the abovementioned matter and confirm that your application for an Environmental Authorisation herein referred to as "EA" lodged on the **06th April 2018** is hereby acknowledged.
2. Acknowledgement of your application does not grant you permission to commence with Mining activities. Commencement of a listed activity without an environmental authorisation constitutes an offence in terms of Section 49A (1) (a) of NEMA, 1998 (Act 107 of 1998) as amended and upon conviction for such an offence, a person

is liable to a fine not exceeding R10 million or to imprisonment for a period not exceeding ten years, or to both such fine and such imprisonment.

3. NB: Regulation 45 of 2014 EIA Regulations stipulates that “an application in terms of these Regulations lapses and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of Regulation 3(7).”

Hope that this letter will receive your utmost attention.



REGIONAL MANAGER: MINERAL REGULATION

NORTHERN CAPE REGION

DATE 19/04/2018

Please quote this office file number for any correspondence as reference



South African Radio Astronomy Observatory (SARAO)

www.ska.ac.za



Paul Furniss
Environmental Assessment Practitioner
Advisory on Business and Sustainability Africa
PO Box 1701
Gallo Manor
2052

Email: paul@abs-africa.com

CC: Chané Pretorius

Email: prieskapp@abs-africa.com

Date: 12 June 2018

Dear Paul Furniss,

RE: Development of Prieska Zinc Copper Project, Copperton, Northern Cape

A high-level risk assessment was conducted for the above-mentioned mining project. The high-level risk assessment was based on the distance to the nearest SKA station and information currently available relating to possible sources of interference. The results of the assessment show that the mining project posed a medium to high detrimental risk to the SKA radio telescope project.

SARAO communicated these results to the ABS Africa in a letter dated 13 February 2018. The letter proposed that an Electromagnetic Interference (EMI) study be conducted in order to scientifically validate the impact mining project could have on the SKA radio telescope, and also to assist with setting up the required mitigation measures that meet SKA radio emission requirements. During a meeting that was held on the 25 January 2018 between mining project developer, SARAO, Astronomy Management Authority (AMA) and ABS Africa. The mining project developer has in principal committed themselves to conducting the required studies in consultation with SARAO/AMA and to put in place the required mitigation. EMI/RFI studies need to be conducted prior to construction taking place as to inform the detail design of the facility.

Although SARAO/AMA have continued to engage with the developer regarding the potential impact this development could have on the SKA radio telescope project. The information currently available is extremely limited to accurately determine the impact of this project could have on the SKA telescope, given the fact that detailed information relating to the detail design is likely to be only available post environmental authorization.

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South African Radio
Astronomy Observatory

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In light of the fact that the information that is required would only be available post authorization. If this mining project is to be granted an environmental authorization by the competent authority, the SARAO/AMA recommends that the following special conditions should be included in the Environmental Authorization:

- During the detailed design of the facility, the holder of the EA must in consultation with the SARAO/AMA conduct appropriate EMI and RFI studies in order to evaluate the impact the mining project could have on the SKA radio telescope;
- The EMI/RFI reports together with an appropriate EMC control plans must be submitted to the AMA/SARAO for approval, prior to construction. Proof of SARAO/AMA approval of the EMC control plans must be submitted to the competent authority at least 30 days prior to commencement of construction activities;
- Construction on site may not commence until all the required studies and EMC control plans are approved by SARAO/AMA;

SARAO/AMA would object to the issuing of an environmental authorization for the mining project if the above mentioned special conditions are not included.

Regards,

Mr Selaelo Matlhane

Spectrum & Telecommunication Manager

South African Radio Astronomy Observatory (SARAO)

Tel: 011 442 2434

Fax: 011 442 2454

Email: smatlhane@ska.ac.za

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mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Private Bag X 6093, Kimberley, 8300, 65 Phakamile Mabija Street, 1st Floor Permanent Building,
Kimberley, 8301 Tel: 053 807 1760 Email: Johannes.Nematatani@dmr.gov.za
Ref: NC30/5/1/2/3/2/1/10138 MR

From: Mineral Regulation

Enquiries: Johannes Nematatani

The Manager

Repli Trading and Investments (Pty) Ltd

87 Central Road

Herlear

8301

Attention: Nelson Masiapoa

Fax: 011 258 8511

APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION IN TERMS OF SECTION 24 OF NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 (ACT 107 OF 1998) READ WITH REGULATION 19 OF THE ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REGULATIONS, 2014 FOR MINING RIGHT AND RELATED INFRASTRUCTURAL ACTIVITIES ON PORTIONS 1, 25 AND 26 OF THE FARM VOGELSTRUISBULT 104, SITUATED IN THE MAGISTERIAL DISTRICT OF PRIESKA NORTHERN CAPE REGION.

The Final Scoping Report (FSR) and Plan of Study for Environmental Impact Assessment received by the Department in **April 2018** and **May 2018** refer.

1. The Department has evaluated the submitted FSR and Plan of Study for Environmental Impact Assessment dated **06 April 2018** and **May 2018** and is satisfied that the documents comply with the minimum requirements of Appendix 2(2) of National Environmental Management Act, 1998 (as amended) (NEMA) Environmental Impact Assessment (EIA) Regulations, 2014. The SR is hereby accepted by the Department in terms of regulation 22(a) of the NEMA EIA Regulations.

2. You may proceed with the environmental impact assessment process in accordance with the tasks contemplated in the Plan of Study for Environmental Impact Assessment as required in terms of the NEMA EIA Regulations as amended.
3. Please ensure that comments from all relevant stakeholders are submitted to the Department with the Environmental Impact Assessment Report (EIAR). This includes but is not limited to the Provincial Heritage Resources Authority and/or South African Heritage Resources Agency, Provincial Environmental Department, Department of Agriculture, Forestry and Fisheries (DAFF), Department of Water and Sanitation (DWS), the local municipality, Local community or farmer's structures (e.g Farmers associations and CPA). Proof of correspondence with the various stakeholders must be included in the EIAR. Should you be unable to obtain comments, proof of the attempts that were made to obtain comments should be submitted to the Department.
4. Please note that you need to ensure that your I &AP's database contains the correct contact persons and contact details for state organs, parastatals and all other institutions.
5. The applicant is hereby reminded to comply with the requirements of regulation 3 of the NEMA EIA Regulations, with regards to the time period allowed for complying with the requirements of the Regulations.
6. Further, it must be reiterated that, should an application for Environmental Authorisation be subjected to any permits or authorisations in terms of the provisions of any Specific Environmental Management Acts (SEMAs), proof of such application will be required. You are hereby requested to submit by the **26 October 2018**, three (3) copies manually and one (1) electronic copy through SAMRAD, of an environmental impact assessment report, inclusive of any specialist reports and an EMPr which have been subjected to the public participation process of at least 30 days incorporating the comments received, including all comments from the competent authority. Kindly refer to section 24N(2) of National Environmental

Management Act, 1998 (Act 107 of 1998) as amended and Appendix 2, 4 and 6 of the EIA Regulations for the minimum requirements set for the aforementioned reports. The public participation process should be conducted as stipulated in chapter 6 of the EIA Regulations and taking into considerations any guideline applicable for public participation.

7. Kindly note that acceptance of your scoping report application does not grant you a right to commence with the listed activities applied for. Acceptance simply confirms that your application will be processed further and a recommendation on granting or refusal of an environmental authorisation will be forwarded to the Minister or his delegate for consideration, and the decision will be communicated as stipulated in regulation 4(1) of the EIA Regulations.
8. You should also note that commencement with a listed activity without an environmental authorisation contravenes the provisions of section 24F (1) of National Environmental Management Act, 1998 (Act 107 of 1998), as amended (NEMA) and constitutes an offence in terms of section 49A (1) (a) of NEMA.
9. Further note that in terms of regulation 45 of the EIA Regulations, your failure to submit the documents or meet any timeframes prescribed in terms of the said Regulations will result in your application deemed to have lapsed.
10. Your attention is brought to Section 24F of the NEMA which stipulates "that no activity may commence prior to an environmental authorisation being granted by the competent authority".

Yours faithfully



.....

REGIONAL MANAGER: MINERAL REGULATION

NORTHERN CAPE REGION

DATE: 16/07/2018

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Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by afleweringkantoor Post Office, counter No Poskantoor, toonbankno _____ Shereno Printers 011 894 4150 701282

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Initials of delivery officer Paraaf van afleweringseampte	Addressed to/Geadresseerde aan P.J. Buys Bus 275 Kenhardt Postcode Poskodes	Signature of recipient Handtekening van ontvanger REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RC 165 474 970 ZA CUSTOMER COPY 301028R No volg-en-spoor-verwysingno

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Initial of delivery officer Paraaf van aflewingsbeampte	Addressed to/Geadresseer aan Hel van Nijk Farm Gemeend Prieska 8940 Postcode Poskode	FINAL/FINAAL	Signature of recipient Handtekening van ontvanger Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No Poskantoor, toonbanknr _____ within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor	
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Initial of delivery officer Paraaf van aflewingsbeampte	Addressed to/Geadresseer aan P.J. Buys P.O. Box 275 Kenhardt 89100 Postcode Poskode	FINAL/FINAAL	Signature of recipient Handtekening van ontvanger Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No Poskantoor, toonbanknr _____ within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor	
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Date stamp of delivery  Datumstempel van aflewering	REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n verskeringsopsie)	No _____ Post Office 	Date stamp of delivery  Datumstempel van aflewering
Initial of delivery officer Paraaf van aflewingsbeampte	Addressed to/Geadresseer aan Copperton Der. P.O. box 102 Prieska 8940 Postcode Poskode	FINAL/FINAAL	Signature of recipient Handtekening van ontvanger Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No Poskantoor, toonbanknr _____ within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor	
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Minutes of Meetings

MINUTES OF MEETING

Pre-Application Meeting – Environmental Authorisation and Waste Management Licence Application for the Prieska Zinc Copper Project

Date	16 January 2018	Location	DMR Kimberley Office 65 Phakamile Mabija Street Perm Building Kimberley
Project	Prieska Zinc Copper Project		
Time	13:00		
Attendees	Paul Furniss (PF) – ABS Africa Ntsundeni Ravhugoni (NR) – DMR (Mine Environmental Management) Johannes Nematatani (JN) – DMR (Mine Environmental Management) Marcus Birch (MB) – Orion Minerals Ian Jones (IJ) – Orion Minerals Ralph Rossouw (RR) – Orion Minerals Bruce Souter (BS) – DRA Trevor Morris (TM) - DRA	Apologies	Nelson Mosiapo (NM) – Orion Minerals
Distribution	Attendees, apologies +: Walter Shamu – Orion Minerals Fanie Coetzee – ABS Africa		

Discussion Items:

1. Welcome and Introduction

- 1.1. NR opened the meeting, and all introduced themselves.
- 1.2. PF noted that ABS Africa is the appointed Environmental Assessment Practitioner for the EIA process associated with the Mining Rights Application (MRA) for the Prieska Zinc Copper Project near Copperton, Northern Cape.

2. Purpose of the Meeting

- 2.1. PF explained that the purpose of the meeting was to introduce the Project, discuss the proposed application for Environmental Authorisation (EA) and Waste Management Licence (WML) and to obtain any preliminary comments on the Draft Scoping Report.

3. Background

- 3.1. PF explained that Repli Trading No. 27 (Pty) Ltd. (Repli) is intending to apply for a Mining Right for various minerals over the properties covered by the Repli, Bartotrax and Vardocube Prospecting Rights. Repli is intending to submit the MRA in March 2018.

- 3.2. A pre-application meeting with the DMR Mineral Law Unit to discuss the ambit of the proposed MRA was held on 9 January 2018. It was mentioned that the inclusion of the properties covered by the Bartotrax and Vardocube Prospecting Rights may need to be revised as an outcome of that meeting.
- 3.3. A Scoping and Environmental Impact Reporting Process is currently underway to inform the application for an Environmental Authorisation (EA), Waste Management Licence (WML), and Integrated Water Use Licence (IWULA).
- 3.4. PF indicated that the Scoping and Environmental Impact Reporting Process was in the Scoping Phase and that a Draft Scoping Report (DSR) had been compiled and distributed for comment. NR confirmed that they had received a hard copy of the DSR in the week of 8 January 2018.
- 3.5. It was explained that the S&EIR Process is being conducted in parallel with a Bankable Feasibility Study for the Project.
- 3.6. A summary was provided of the proposed surface and underground mining and the type of infrastructure that would be required to be constructed on site to support the mining and mineral ore processing.

4. Discussion

- 4.1. It was confirmed that the NEMA EA Process timeframes commence from the date of submission of the EA Application on SAMRAD.
- 4.2. In response to a question regarding the proposed public participation process, PF indicated that landowners and surrounding landowners/landusers had been directly notified about the applications primarily through e-mail. Registered post was used for a few properties where no e-mail addresses were available. Site notices had been placed at various locations around the property and newspaper advertisements placed in one local newspaper and one regional newspaper. A hard copy of the DSR had been made available at 5 locations for review, namely the Alkantpan Guest Lodge, Prieska Library, and the Niekerkshoop, Marydale and Prieska Municipal Offices. The DSR was also available for download from the ABS Africa website and could also be requested by e-mail.
- 4.3. It was noted that Repli had been in engagement with landowners, surrounding landowners, Siyathemba Local Municipality and other stakeholders since 2009.
- 4.4. The nearest community to the Project site was noted to be the residents of Copperton (3 km to the north-east of the site). No other settlements were near to the site. The Alkantpan Testing Range and three operational solar power facilities were the nearest adjacent land users. Several renewable energy projects (predominantly solar) were proposed but these were not yet under construction. These had all been included in the register of potentially interested and affected parties.
- 4.5. PF confirmed that should the need be identified, additional measures to assist interested and affected parties in participating in the S&EIR process would be implemented.
- 4.6. It was emphasised that, unless the borrow pits were applied for and assessed as part of the Mining Right Application, they would need a separate Environmental Authorisation.
- 4.7. If the borrow pits required a mining permit (<5 ha), a basic assessment environmental authorisation process would be needed. For a borrow pit larger than 5 ha, a mining right would be needed, informed by a S&EIR process. For planning purposes, JN advised that approximately 355 days should be allowed for a mining permit application.
- 4.8. Provided the minerals are not already allocated, applicants are entitled to include different minerals into their MRA to those stated in the Prospecting Right Application. If possible, it was recommended that the required

borrow pits for the mine construction activities be included in the MRA and assessed as part of the same S&EIR process.

- 4.9. Although the DSR has been made available for public comment, the DSR must be made available again for public comment for a second 30 day period after formal submission of the EA Application to the DMR via SAMRAD.
- 4.10. In addition to uploading an electronic copy of the Scoping Report on SAMRAD, 3 hard copies of the report are required to be submitted to DMR.
- 4.11. It was confirmed that the Environmental Authorisation (EA) and Waste Management Licence (WML) applications must be submitted on SAMRAD at the same time as the MRA is submitted.
- 4.12. If there is a technical problem with SAMRAD at the time of submission, contact may be made with the SAMRAD Superuser at the DMR Kimberley Office (Luzuko) who will be able to assist.
- 4.13. All state organs that administer laws relating to environment are important commenting authorities. The DENC is an important commenting authority with respect to the WML application and they must be included in the register of interested and affected parties and provided with copies of the reports to comment on.
- 4.14. A risk-based motivation for deviation from the regulated lining requirements for residue stockpiles and deposit can be submitted for consideration as part of the process. It was emphasised however that it should be clear that the deviation would not result in a significant detrimental impact to the environment.
- 4.15. DMR will not issue a separate Environmental Authorisation and Waste Management Licence. Should the DMR decide to grant authorisation, an integrated authorisation will be issued.

5. Way Forward and Closure

- 5.1. It was noted that in terms of the EIA Regulations, 2014, the DMR are not obliged to comment on the DSR. However, JN suggested that preliminary comment on whether the DSR had any significant omissions would be provided.
- 5.2. The DMR were thanked for the opportunity to meet and the meeting was closed.

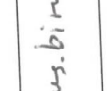
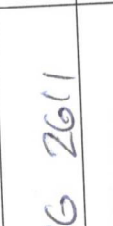
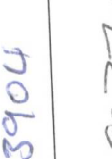
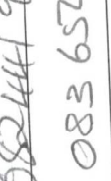
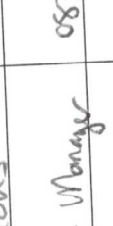
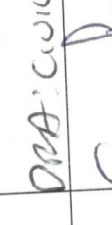
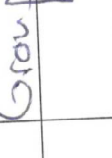
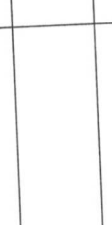
Actions:

Action Item	Who	Due By
Preliminary comments on the DSR	JN	13 February 2018

ATTENDANCE REGISTER

PRIESKA ZINC COPPER PROJECT: DMR PRE-APPLICATION MEETING

Date	16 January 2018	Time	14:00
Project	Prieska Zinc Copper Project	Location	DMR Kimberley Office, 65 Phakamile Mabija Street, Perm Building

Name	Surname	Designation	Contact Number	Email	Signature
MARCUS	BIRCH	COMMERCIAL MANAGER	083 308 2064	marcus.birch@orangeam.com	
Paul	Furniss	ABS Africa / EAP	082 566 2611	paul@abs-africa.com	
Ntsundeni	Ravhugani	DD: ENV. DMR	082-8283904	Ntsundeni.ravhugani@dmr.gov.za	
Johannes	Nematatani	AD: ENV. DMR	082444 9037	joannes.nematatani@dmr.gov.za	
Ian	Jones	Earth Science Solutions	083 654 2473	ian@earthscience.co.za	
Bruce	Souter	DRA - Project Manager	083 273 6760	bruce.souter@draglobal.com	
Trevor	MORRIS	DRA: CIVIL ENG	08 2 419 0258	trevor.morris@draglobal.com	
Ralph	Rossouw	Group Projects Mgr	076 234 9868	ralph.rossouw	

MINUTES OF MEETING

Pre-Application Meeting – Mining Rights Application (MRA) for the Prieska Zinc Copper Project

Date	14 September 2016	Location	DMR Kimberley Office 65 Phakamile Mabija Street Perm Building Kimberley
Project	Prieska Zinc Copper Project		
Time	11:00		
Attendees	Paul Furniss (PF) – ABS Africa Nelson Mosiapo (NM) – Orion Minerals Kevin Mutheiwana (KM) – DMR (Mineral Law)	Apologies	None
Distribution	Attendees, apologies +: Walter Shamu – Orion Minerals Ian Jones – Earth Science Solutions Fanie Coetzee – ABS Africa Bruce Souter – DRA		

Discussion Items:

1. Welcome and Introduction

- 1.1. PF opened the meeting and introduced ABS Africa as the appointed Environmental Assessment Practitioner for the EIA process associated with the Mining Rights Application (MRA) for the Prieska Zinc Copper Project near Copperton, Northern Cape.

2. Purpose of the Meeting

- 2.1. PF explained that the purpose of the meeting was to discuss the proposed MRA with DMR.

3. Discussion

- 3.1. PF explained that Repli Trading No. 27 (Pty) Ltd. (Repli) is intending to apply for a Mining Right for various minerals over the properties covered by the Repli, Bartotrax and Vardocube Prospecting Rights. Repli is intending to submit the MRA in March 2018.
- 3.2. A Scoping and Environmental Impact Reporting Process is currently underway to inform the application for an Environmental Authorisation, Waste Management Licence and Integrated Water Use Licence.
- 3.3. PF indicated that the Scoping and Environmental Impact Reporting Process was in the Scoping Phase and that a Draft Scoping Report had been compiled and distributed for comment. A copy of the Draft Scoping Report was provided to KM.
- 3.4. KM indicated that the Environmental Authorisations for the prospecting activities on Bartotrax and Vardocube had been issued but that the Prospecting Rights had not yet been awarded. This, and the fact that the three

Prospecting Rights (Repli, Bartotrax and Vardocube) were held by different entities would make a single MRA consisting of all three legally problematic.

- 3.5. A transfer of rights application (Section 11 of the MPRDA) into the name of Repli would need to be concluded before the MRA could be lodged for all three Prospecting Right areas. The Section 11 application could however only be lodged once the Prospecting Rights had been awarded or if the applicant withdrew the relevant applications for the Prospecting Rights. The impact of a withdrawal on the standing of the associated Environmental Authorisations was not clear and KM indicated that he would need to discuss this with the Environmental Unit.
- 3.6. It was suggested that Repli proceed with the MRA for the Repli Prospecting Right Area first and that the other two areas be considered through a Section 11 / Section 102 MPRDA Application once the Repli MRA had been awarded.
- 3.7. KM indicated that the document requirements for the MRA submission are as per Form D, Annexure I of the MPRDA Regulations. Once all documentation is submitted, the DMR allocates the documents internally for review by the four relevant units, namely Mineral Law, Mine Economics, Environment, and Social and Labour. Within 14 days of submission of the MRA, the DMR must accept or reject the application. The different units may request additional information to be provided and this information would need to be submitted within the 300 days applicable to the NEMA EA Process.
- 3.8. The application fee for a MRA is R3000. This is payable at the time of submission of the MRA.
- 3.9. It was confirmed that the NEMA EA Process timeframes commence from the date of submission of the EA Application on SAMRAD.
- 3.10. It was emphasised that, at present, the Environmental Authorisation (EA) Application must be submitted simultaneously with the MRA. Proposed amendments to the MPRDA would, once gazetted, change this so that the EA application would, in future, only be lodged after acceptance of the MRA.
- 3.11. PF explained that two areas had been identified outside of the Repli Prospecting Right Area for potential use as borrow pits. KM indicated that if the borrow pits were larger than 5 ha, a MRA would be needed for mining of aggregate materials. A Mining Permit Application would be needed for borrow pits less than 5 ha in size. KM noted that the MPRDA prohibits a single entity from holding more than one right / permit on the same property.

4. Way Forward and Closure

- 4.1. The information provided by KM would be discussed with the applicant and a decision would then be made on the scope of the MRA to be submitted in March 2018.
- 4.2. PF and NM thanked KM for the opportunity to meet and the meeting was closed.




Actions:

Action Item	Who	Due By
Confirmation from DMR on whether the withdrawal of a Prospecting Right Application automatically result in the cancellation of the associated Environmental Authorisation	KM	15 January 2018
Confirmation on whether DMR were still processing any appeals on the Bartotrax and Vardocube Prospecting Right Applications	KM	15 January 2018

Meeting: Prieska Zinc Copper Project – DMR MRA Pre-Application Meeting

Date: 8 January 2018

Time: 11:00

Name	Surname	Tel/cell	Email	Signature
Paul	Fueniss	082 566 2611	paul@abs-afria.com	
Bain	Muthaenus	053 807-1707	numbers - Muthaenus at dmr.gov.za	Mt Muthaenus 
Nelson	Mosiapo	081 4944 816	nelson.mosiapo@orionminerals.com	

DD
Mineral

MINUTES OF MEETING

Key Stakeholder Meeting – Environmental Authorisation Process for the Prieska Zinc Copper Project

Date	25 January 2018	Location	DST Building 53 CSIR Campus, Meiring Naude Road, Brummeria, Pretoria
Project	Prieska Zinc Copper Project		
Time	09:00		
Attendees	<p><u>DST</u> Takalani Nemaungani (TN) Mere Kgampe (MK) Sherlene Moonsamy (SM) Steve Mohapi (StM) Veronica Sebueng (VS)</p> <p><u>SKA-SA</u> Tshegofatso Monama (TSM) Brandon Mazibuko (BM) Selaelo Matlhane (SeM) Busang Sethole (BS) Thato Nape (ThN)</p> <p><u>Orion Minerals</u> Marcus Birch (MB) Ian Jones (IJ)</p> <p><u>DRA</u> Trevor Morris (TM) Timo Rentel (TR)</p> <p><u>ABS Africa</u> Paul Furniss (PF)</p>	Apologies	Walter Shamu – Orion Minerals
Distribution	Attendees, apologies +: Fanie Coetzee – ABS Africa Nelson Mosiapo – Orion Minerals		

Discussion Items:

1. Welcome and Introductions

- 1.1. TN opened the meeting, and all introduced themselves.
- 1.2. The Square Kilometre Array (SKA) is a project of the Department of Science and Technology (DST).
- 1.3. The Astronomy Management Authority (AMA), established in terms of the Astronomy Geographic Advantage Act 21 of 2007, is located within the DST.
- 1.4. The SKA SA Project is administered on behalf of the DST through the South African Radio Astronomy Observatory (SARAO), which is a facility of the National Research Foundation. SARAO manages various radio-astronomy installations in South Africa including SALT (Sutherland), Hartebeeshoek (Hartebeespoort) and SKA (Carnarvon).
- 1.5. Orion Minerals is a mineral exploration company with a joint-listing on the Australian and Johannesburg Stock Exchanges. The company has several prospecting rights in the Northern Cape Province which it is investigating. To date, Orion Minerals has been in engagement with the DST and SKA SA teams around the use of equipment and machinery for the Orion Minerals prospecting activities.
- 1.6. ABS Africa is the appointed Environmental Assessment Practitioner for the Environmental Impact Assessment (EIA) Process associated with the Mining Rights Application (MRA) for the Prieska Zinc Copper Project.
- 1.7. Orion Minerals has appointed DRA as the Bankable Feasibility Study (BFS) consultant responsible for the engineering design and mineral resource statements.

2. Apologies

- 2.1. Apologies from Walter Shamu of Orion Minerals was noted.

3. Purpose of the Meeting

- 3.1. MB explained that one of the Prospecting Rights held by Orion Minerals incorporates the properties comprising the historical Prieska Copper Mine, near Copperton. Through its subsidiary company, Repli Trading No. 27, Orion Minerals is undertaking a BFS for the proposed mining of the remaining copper and zinc deposits associated with the historical Prieska Copper Mine.
- 3.2. MB explained that the purpose of the meeting was to continue the engagement between Orion Minerals and the DST and to seek alignment between the SKA SA Project and the proposed Prieska Zinc Copper Project.
- 3.3. The Prieska Copper Mine is situated within the declared Karoo Central Astronomy Advantage Area. The DST and SKA SA are therefore key stakeholders. PF noted that the Scoping Phase of the EIA Process for the Prieska Zinc Copper Project had commenced and that the meeting was an opportunity for the BFS team to better understand the SKA SA Project and associated legislation. Furthermore, the meeting would be used to introduce the Prieska Zinc Copper Project, discuss the EIA Process to be undertaken and to record any preliminary comments or concerns on the Prieska Zinc Copper Project.

4. Background on SKA Project, AGA Act and KCAAA Regulations

- 4.1. MK delivered a presentation on the SKA Project and the legislation associated therewith. Due to the extreme sensitivity of the radio-telescopes, the legislation is aimed at keeping the KCAAA free from Radio Frequency Interference (RFI) and Electromagnetic Interference (EMI).
- 4.2. The KCAAA Regulations are expected to be implemented before the end of 2018.
- 4.3. The office of the AMA will be responsible for the permitting function established in the KCAAA Regulations.
- 4.4. Although the regulations are not yet implemented, design of equipment and machinery needed for the Prieska Zinc Copper Project should take cognisance of the KCAAA Regulations as permits for all relevant equipment and machinery will, in any event, need to be obtained once the regulations are implemented.
- 4.5. Of most significance to the Prieska Zinc Copper Project are the winders that are going to be used on the mine shaft head gear as well as the proposed power transformer specifications. The variable speed drivers across the plant are also important as these may also have a direct RFI and EMI impact. Where possible, the specifications for this equipment are to be confirmed in advance.
- 4.6. Permits cannot be issued if the equipment and or machinery do not comply with the restrictions in the KCAAA Regulations and the equipment/machinery would then be illegal to operate.
- 4.7. DST has signed an agreement with the Department of Environmental Affairs (DEA) regarding the processing of environmental authorisations for developments within declared Astronomy Advantage Areas (AAA). In terms of this agreement, applicants for an environmental authorisation are required to obtain a letter from SKA SA confirming whether there are any objections or concerns with the development.
- 4.8. DEA will not issue an environmental authorisation if there is an objection from SKA SA.
- 4.9. If the detailed technical information required by the SKA SA on RFI and EMI is not available for inclusion in the environmental authorisation process, SKA SA may require that the DEA include specific conditions in the environmental authorisation that will protect the area from RFI and EMI.
- 4.10. It was noted that in the case of the Prieska Zinc Copper Project, the DMR is the competent authority for the environmental authorisation and waste management licence applications. TN indicated that although not concluded, a similar agreement to that with the DEA is to be signed soon between the DST and the DMR.
- 4.11. Similar agreements with other government departments are also near to conclusion.
- 4.12. BS delivered a presentation on "Parameters Required for Compliance Assessment of EMI and RFI".
- 4.13. The preliminary RFI and EMI information provided in the Draft Scoping Report has been briefly reviewed by SKA SA and there are no major concerns.
- 4.14. Clarification is needed on items like Wi-Fi configuration and the underground to surface communications. TM noted that these details have not yet been determined by the engineering team. It was suggested that the items requiring clarification be submitted to ABS Africa as part of the DST / SKA SA comments on the Draft Scoping Report.
- 4.15. It was noted that the Alkantpan Test Range neighbouring the Mining Right Application boundary has been engaging with the SKA SA for some time. MB indicated that Orion Minerals has been in discussion with Alkantpan Test Range regarding their compliance with the RFI and EMI restrictions and this has been very useful in guiding the equipment selection for the Orion Mineral prospecting activities.

5. Project, MRA and ESIA Overview

- 5.1. PF delivered a presentation on the EIA Process for the Prieska Zinc Copper Project.
- 5.2. Repli Trading No. 27 (Pty) Ltd. (Repli), a subsidiary of Orion Minerals, is intending to apply for a Mining Right for various minerals over the properties covered by the Repli, Bartotrax and Vardocube Prospecting Rights. Repli is intending to submit the MRA in March 2018.
- 5.3. TsM requested a shape file of the Mining Right Application boundary.
- 5.4. A pre-application meeting with the DMR Mineral Law Unit to discuss the ambit of the proposed MRA was held on 9 January 2018. It was mentioned that the inclusion of the properties covered by the Bartotrax and Vardocube Prospecting Rights may need to be revised as an outcome of that meeting.
- 5.5. A Scoping and Environmental Impact Reporting Process is currently underway to inform the application for an Environmental Authorisation (EA), Waste Management Licence (WML), and Integrated Water Use Licence (IWULA).
- 5.6. PF indicated that the Scoping and Environmental Impact Reporting Process was in the Scoping Phase and that a Draft Scoping Report (DSR) had been compiled and distributed for comment. MK confirmed that they had received a hard copy of the DSR in the week of 8 January 2018.
- 5.7. It was explained that the S&EIR Process is being conducted in parallel with a Bankable Feasibility Study for the Project.
- 5.8. A summary was provided of the proposed surface and underground mining and the type of infrastructure that would be required to be constructed on site to support the mining and mineral ore processing.

6. Comments and Discussion

- 6.1. All existing infrastructure in the KCAAA declared area which may have an RFI and EMI impact will need to be permitted once the KCAAA Regulations are implemented.
- 6.2. Although the KCAAA regulations make provision for existing infrastructure with a RFI and EMI impact to be removed and/or for technology to be changed, the approach is for the SKA Project to co-exist with other developments in the area.
- 6.3. As part of the review process, SKA requires specific information on each equipment or machine with a potential RFI or EMI impact. SKA then undertakes an assessment to determine its impact on the radio-telescopes.
- 6.4. As and when needed engagement between the Prieska Project technical team and the SKA SA technical team regarding the design of equipment which may have a radio interference or electromagnetic interference impact is encouraged. This kind of engagement does not have to be exclusively within the EIA Process.
- 6.5. All formal communication from DST and SKA SA will be forwarded through the EIA Process.
- 6.6. It is not possible at present for SKA SA to confirm whether there would be cell phone interruption in the Copperton area and if so, to what extent. This would have to be determined through an assessment of the relevant cell phone service provider transmission tower and its predicted impact on the nearest radio telescopes in the protection corridors.
- 6.7. A shape file of the SKA protection corridors will be provided to PF by TsM for inclusion in the maps generated through the EIA Process.
- 6.8. Meeting participants will be added to the register of Interested and Affected Parties (I&APs). MK agreed to send PF a list of other DST and SKA SA contact persons so that they could be added to the register of I&APs.

- 6.9. If beneficial to the DST and SKA, MB and IJ indicated that would be pleased to arrange a site visit to the Prieska Copper Mine.

7. Way Forward and Closure

- 7.1. The specific information requirements needed by the SKA SA technical team regarding equipment to be used would be included as part of the comments on the Draft Scoping Report.
- 7.2. All further correspondence with respect to the environmental authorisation process would be sent to registered interested and affected parties.
- 7.3. The DST and SKA SA were thanked for the opportunity to meet and the meeting was closed.

Actions:

Action Item	Who	Due By
Shape file of mining right application boundary submitted to SKA SA	PF	30 January 2018
Copy of Draft Scoping Report to be forwarded to all meeting participants	PF	30 January 2018
Meeting participants to be added to I&AP register	PF	30 January 2018
SKA SA Protection Corridors shape file submitted to ABS Africa	TsM	1 February 2018
List of additional DST / SKA SA contact persons to be provided	MK	1 February 2018
Preliminary comments on the DSR submitted to ABS Africa	MK	13 February 2018

ATTENDANCE REGISTER

PRIESKA ZINC COPPER PROJECT: DST KEY STAKEHOLDER MEETING



Date	25 January 2018	Time	09:00
Project	Prieska Zinc Copper Project	Location	DST Building, 53 CSIR Campus, Meiring Naude Road, Brummeria Pretoria

Name	Surname	Company	Designation	Contact Number	Email	Signature
Paul	Furniss	ABS Africa	EAP	082 566 2611	paul@abs-chna.com	
BRANDON	MAZIBUKO	SKA SA	SPECTRUM	082 801 4575	bmazibuko@ska.ac.za	
Tshegetso	Monama	SKA SA	GIS	082 495 6806	temonam@ska.ac.za	
SELAELO	Mathane	SKA	Spectrum	082 565 2071	smathane@ska.ac.za	
Timo	Rentel	DRA Nam. Earth Science Solutions	Civil Engineer	+264 818501100	timo.rentel@dauglobal.com	
Ian	Jones		Environmentalist	083 654 2473	ian@earthscience.co.za	
TREVOR	MORRIS	DRA	CIVIL Eng	082 419 0258	trevor.morris@dauglobal.com	
MARCUS	BIRCH	ORION MINERALS	COMMERCIAL MANAGER	083 308 2044	Marcus.birch@orionminerals.com.au	
STEVE	MOHAPI	DST LEGAL SERVICES ADVISOR	SPR LEGAL	073 044 7185	stevemohapi@dst.gov.za	
SHELENE	MOORJAMY	DST LEGAL	DIRECTOR	012 843 6643	shelene.moormy@dst.gov.za	
BUSANG	SETHOLE	SKA SA	ANALYST	074 372 6394	bsethole@ska.ac.za	
Mene	Kgamb	DST	Director	076 438 4976	Mene.Kgamb@dst.gov.za	

MINUTES OF MEETING

Pre-Application Meeting – Integrated Water Use Licence Application for the Prieska Zinc Copper Project

Date	16 January 2018	Location	Orion Minerals 27 Central Street Herlear, Kimberley
Project	Prieska Zinc Copper Project		
Time	09:00		
Attendees	Paul Furniss (PF) – ABS Africa Khutjo Sekwailia (KS) – DWS Marcus Birch (MB) – Orion Minerals Ian Jones (IJ) – Orion Minerals Ralph Rossouw (RR) – Orion Minerals Bruce Souter (BS) – DRA Trevor Morris (TM) - DRA	Apologies	Nelson Mosiapo (NM) – Orion Minerals
Distribution	Attendees, apologies +: Walter Shamu – Orion Minerals Fanie Coetzee – ABS Africa		

Discussion Items:

1. Welcome and Introduction

- 1.1. PF opened the meeting, and all introduced themselves.
- 1.2. PF noted that ABS Africa is the appointed Environmental Assessment Practitioner for the EIA process associated with the Mining Rights Application (MRA) for the Prieska Zinc Copper Project near Copperton, Northern Cape.

2. Purpose of the Meeting

- 2.1. PF explained that the purpose of the meeting was to introduce the Project, discuss the proposed Integrated Water Use Licence Application (IWULA), particularly with respect to dewatering of the underground workings and to obtain any preliminary comments on the Draft Scoping Report.

3. Background

- 3.1. PF explained that Repli Trading No. 27 (Pty) Ltd. (Repli) is intending to apply for a Mining Right for various minerals over the properties covered by the Repli, Bartotrax and Vardocube Prospecting Rights. Repli is intending to submit the MRA in March 2018.
- 3.2. A pre-application meeting with the DMR Mineral Law Unit to discuss the ambit of the proposed MRA was held on 9 January 2018. It was mentioned that the inclusion of the properties covered by the Bartotrax and Vardocube Prospecting Rights may need to be revised as an outcome of that meeting.

- 3.3. It was clarified that the proposed IWULA was separate to and did not replace the Water Use Licence Application (WULA) submitted to the DWS in October 2017. The latter was only for the abstraction and storage of some of the water collected in the underground workings for use as part of prospecting activities. The proposed IWULA pertains to the proposed surface and underground mining and all associated water uses.
- 3.4. A Scoping and Environmental Impact Reporting Process is currently underway to inform the application for an Environmental Authorisation (EA), Waste Management Licence (WML), and IWULA.
- 3.5. PF indicated that the Scoping and Environmental Impact Reporting Process was in the Scoping Phase and that a Draft Scoping Report (DSR) had been compiled and distributed for comment. KS confirmed that DWS had received a hard copy of the DSR in the week of 8 January 2018.
- 3.6. It was explained that the S&EIR Process is being conducted in parallel with a Bankable Feasibility Study for the Project.
- 3.7. A summary was provided of the proposed surface and underground mining and the type of infrastructure that would be required to be constructed on site to support the mining and mineral ore processing.
- 3.8. The nearest community to the Project site was noted to be the residents of Copperton (3 km to the north-east of the site). No other settlements were near to the site. The Alkantpan Testing Range and three operational solar power facilities were the nearest adjacent land users. Several renewable energy projects (predominantly solar) were proposed but these were not yet under construction. These had all been included in the register of potentially interested and affected parties.

4. Discussion

4.1. General IWULA

- 4.1.1. The water use and wastewater requirements associated with contractor and permanent labour accommodation should be included in the IWULA.
- 4.1.2. It was indicated that the Waste Rock Dump (WRD) and Tailings Storage Facility (TSF) should not be applied for as part of the IWULA if they are already covered under a Waste Management Licence Application in terms of the National Environmental Management: Waste Act 59 of 2008.
- 4.1.3. It was confirmed that the DWS may, in terms of the WULA Regulations, only accept the IWULA once a copy of the DMR letter confirming acceptance of the associated MRA has been received.
- 4.1.4. Regular direct engagement with the DWS is recommended throughout the application process.
- 4.1.5. For the 21(c) and (i) water uses associated with the reinstatement of the historical stormwater diversion berms, it was noted that the start and end point of each diversion will need to be provided in the application form. Supplementary forms must contain the relevant property and landowner details of all properties traversed by the berms.
- 4.1.6. The risk matrix associated with applications for 21(c) and (i) must be completed.
- 4.1.7. Reinstatement of the stormwater diversion berms is not considered to be a 21(g) water use.
- 4.1.8. All drainage lines in the area must be shown. It must be confirmed if the buffer placed around the drainage lines is 100 m or the 1:100 flood line. The greater of the two must be used.

4.2. Prospecting WULA

- 4.2.1. The prospecting water use licence application is awaiting information from the national office on the reserve for quaternary drainage region D54D. It's possible that the reserve determination has not been completed or that the determination is outdated. In either case, the delay may be due to the national office having to undertake a desktop reserve determination. Further consideration of the application can only proceed by the regional office once the reserve determination has been completed.
- 4.2.2. Once the reserve determination has been issued by the national office for the prospecting water use licence application, it can also be used for the IWULA.

4.3. Dewatering

- 4.3.1. KS noted that there are relatively few water use licenses issued for dewatering (section 21(f) in the country. To date, the Kimberley DWS Office has only issued one WUL for dewatering and this was in 2017. In that instance, the water supply had a sustainable yield, was of good quality and was piped to a nearby community for use.
- 4.3.2. DWS consider sustainable use of the resource when they review the IWULA. This includes checking whether boreholes of neighbouring land-users, for example, will be affected by the proposed application and whether the intended water uses will have an impact on regional groundwater levels through the creation of a dewatering cone of depression.
- 4.3.3. As part of the decision-making process, DWS will consider the responses provided to concerns raised by interested and affected parties and any commitments made by applicants as part of these responses could be included as licence conditions.
- 4.3.4. The proposed dewatering for the Project was noted to be constrained by several factors including:
 - The quality of the water (not suitable for human consumption without treatment);
 - Potential offsite users will only have access to water in the short-term (the water will only be available during the initial dewatering to gain access to the mine. Thereafter, all subsequent dewatering during the Life of Mine will be used onsite for the ore processing). This affects the options available for sustainable offsite use of the water;
 - Remote location of the site and associated distance to potential offsite users of the water; and
 - The nearest perennial river system to the site is the Orange River, near Prieska, approximately 55 km to the north-east of the site.
- 4.3.5. The regional impact of dewatering will need to be considered in the IWULA.
- 4.3.6. A total of eleven boreholes have been drilled as part of the study investigations to inform the Bankable Feasibility Study and S&EIR process. Shallow (80 m) and deep (150 m) boreholes were drilled. Water levels in the boreholes were highly variable, with water intercepted at 20 m in one instance.
- 4.3.7. The water level in the underground workings is at around 400 m below natural ground level. Initial data suggests that the level is slowly rising. It is possible that the water level in the underground workings will only stop rising when the level of the regional water table is reached. This is being assessed through the groundwater model.
- 4.3.8. Dewatering is a key aspect of the Project as the underground ore cannot be accessed until the water has been removed. An estimated 8.5 million m³ of water needs to be removed to allow access. Options under consideration for dewatering of the underground workings were discussed and include treatment, storage and assisted evaporation and discharge.

- 4.3.9. There is a Project preference for zero discharge of any water from the site, including treated water. Discharge will only be considered if the technical study concludes that on-site management of all the underground water is not feasible.
- 4.3.10. Dewatering of the underground workings is to be completed within 18 months.
- 4.3.11. One of the options is to pump and store the water in a 1 million m³ raw water dam and a 2 million m³ Tailings Storage Facility (TSF) starter wall. Natural and assisted evaporation technology would be used. It was noted that assisted evaporation has been used in many instances in South Africa and globally.
- 4.3.12. The relevant dam classification and associated safety risk determinations would have to be done for the raw water dam and TSF.
- 4.3.13. It was noted that DWS does not have any specific concerns with evaporation, including assisted evaporation.
- 4.3.14. The water is not suitable for human consumption. Iron, lead, copper and total dissolved salts were specifically mentioned as being present at elevated concentrations.
- 4.3.15. It was noted that the baseline regional groundwater quality could be just as poor as the water in the underground workings. The hydrocensus being conducted as part of the study would provide information on this.
- 4.3.16. Treatment of water to a potable standard prior to discharge is also under consideration. If the water is not going to be used for human consumption, treatment to the receiving water (Orange River) quality standards may be acceptable and could be more cost-effective.
- 4.3.17. Sustainable reuse of water is a preferred option for DWS but evaporation and/or discharge into the Orange River are not fatal flaws.
- 4.3.18. The short-term availability of the water (18 months) was noted as a constraint to reuse options for the water. In the case of discharge to the environment, the temporary flow of water in non-perennial watercourses could result in the establishment of temporary pans which, over 18 months, may modify natural habitat along drainage lines. The direct and indirect impacts of this would need to be properly assessed.
- 4.3.19. Artificial recharge of aquifers outside of the mine catchment is another option that can be considered.
- 4.3.20. Surrounding developments, including Alkantpan, farmers and the renewable energy sector could have a temporary use for the water.
- 4.3.21. The possibility of pumping treated water back to Prieska, utilising the existing pipeline infrastructure, is a further option that can be considered.
- 4.3.22. It is important that the dewatering study show all the options considered and provide justification for the preferred option.

5. Way Forward and Closure

- 5.1. DWS to provide comment on the DSR.
- 5.2. The DWS were thanked for the opportunity to meet and the meeting was closed.







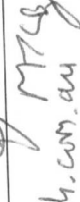
Actions:

Action Item	Who	Due By
DWS to provide comment on the DSR	KS	13 February 2018
Receiving water quality standards for the Orange River and the groundwater quality standards for quaternary catchment D54D to be provided	KS	29 January 2018
Copy of presentation to be provided to DWS	PF	22 January 2018

ATTENDANCE REGISTER

PRIESKA ZINC COPPER PROJECT: DWS PRE-APPLICATION MEETING

Date	16 January 2018	Time	09:00
Project	Prieska Zinc Copper Project	Location	87 Central Road, Herlear, Kimberley

Name	Surname	Designation	Contact Number	Email	Signature
Paul	Furniss	ABS Africa / EAP	082 566 2611	paul@abs-africa.com	
Tan	Jones	EARTH SCIENCE SOLUTIONS	083 654 2473	tan@earthscience.co.za	
Trevor	MORRIS	DRA	082419 0258	trevor.morris@diglobal.com	
Bruce	Samber	DRA Project Manager	083 2736760	bruce.samber@diglobal.com	
Ralph	Rossouw	Group Projects Mgr	0762349868	ralph.rossouw@oricminerals.com	
Khufo	Se kwabi	DWS	0663010448	sekwabi@abs.gov.za	
MARCUS	BIRCH	ORION	083 308 2046	marcus.birch@orionminerals.com.au	

Register of Interested and Affected Parties

SURNAME	FIRST NAME	ORGANISATION	FACILITY NAME / POSITION	FACILITY STATUS	FARM NAME	FARM PORTION	DATE OF NOTIFICATION	NOTIFICATION TYPE
Landowners (Within the Mining Rights Area Boundary)								
Hamman	Hano	Prieska Copper Mines Ltd	N/A	N/A	Slimes Dam 154	0	29-May-18	E-mail
Meyer	Pieter-Mike	Request Trust	N/A	N/A	Vogelstruisbult 104	1	29-May-18	E-mail
Meyer	Pieter-Mike	Request Trust	N/A	N/A	Vogelstruisbult 104	25	29-May-18	E-mail
Hamman	Hano	Prieska Copper Mines Ltd	N/A	N/A	Vogelstruisbult 104	26	29-May-18	E-mail
Occupiers of the Site (Within the Mining Rights Area Boundary and Portion 1 Vogelstruisbult)								
Cullum	John	Struisbult PV 2 (Pty) Ltd.	Struisbult PV 2	Authorised	Vogelstruisbult 104	1	29-May-18	E-mail
Cullum	John	Mullio Renewable Energy Solar PV (RF) (Pty) Ltd	Mullio Solar PV	Operating	Vogelstruisbult 104	1	29-May-18	E-mail
Tredoux	Henri	Tenant			Vogelstruisbult 104	1	29-May-18	E-mail
Adjacent Landowners (Copperton and Landowners Surrounding the MRA Boundary and Portion 1 Vogelstruisbult)								
Van Wyk	Helen Cathren Louise	Gemeend Trust	N/A	N/A	Blaaubosch Poortjie 66	2	29-May-18	Registered Letter
Meyer	Pieter-Mike	Request Trust	N/A	N/A	Nelspoortjie 103	4	29-May-18	E-mail
Fourie	Wilhette	Private Landowner	N/A	N/A	Nelspoortjie 104	5	29-May-18	E-mail
Fourie	Wilhette	Private Landowner	N/A	N/A	Nelspoortjie 105	7	29-May-18	E-mail
Human	Christina Susanna	Private Landowner	N/A	N/A	Humansrus 147	0		Registered Letter
Human	Hendrik Gideon	Private Landowner	N/A	N/A	Hoekplaas 146	0		Registered Letter
Ekkart	Frans	Tenant			Klipsgats Pan 117	3	29-May-18	E-mail
Rudolph	Gerhardus Jacobus	Private Landowner	N/A	N/A	Klipsgats Pan 117	3	29-May-18	E-mail
Bernard	Jemima Josina	Private Landowner	N/A	N/A	Klipsgats Pan 117	4	29-May-18	E-mail
Bernard	Jemima Josina	Private Landowner	N/A	N/A	Uitspan Pan 115	1	29-May-18	E-mail
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Smous Pan 105	1	29-May-18	E-mail
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Smous Pan 105	2	29-May-18	E-mail
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Gras-Pan 112	5	29-May-18	E-mail
Crafford	Danie	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Smous Pan 105 / Gras-Pan 112		N/A	N/A
van Zyl	Salmon Jacobus	Private Landowner	N/A	N/A	Doonies Pan 106	4	29-May-18	E-mail
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	N/A	N/A	Vogelstruisbult 104	5	29-May-18	E-mail
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	N/A	N/A	Vogelstruisbult 104	6	29-May-18	E-mail
Meyer	Hester Cecilia	Copperton Development CC	N/A	N/A	Vogelstruisbult 104	14		Registered Letter
Meyer	Hester Cecilia	Interested Party	N/A	N/A	Vogelstruisbult 104	16	29-May-18	E-mail
Bekebeke	Justice	Provincial Government of Northern Cape	N/A	N/A	Vogelstruisbult 104	17	29-May-18	E-mail
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	18	29-May-18	E-mail
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	19	29-May-18	E-mail
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	20	29-May-18	E-mail
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Vogelstruisbult 104	21	29-May-18	E-mail
Buys	P.J	Private Landowner	N/A	N/A	Smous Pan 105	2		Registered Letter
de Jager	Justina	Agent to the Executor of the Estate of Mr. C.J de Jager	N/A	N/A	Smous Pan 105		0/Remaining extent	E-mail
de Jager	Aletta	Executor of the Estate of Mr.C.J de Jager (Surface owner according to title deed)	N/A	N/A	Smous Pan 105		0/Remaining extent	E-mail
Bernard	Jemima Josina	Private Landowner	N/A	N/A	Klipsgats Pan 117	1	29-May-18	E-mail

Adjacent Occupiers of the Site

Matsapola	Phaphedi	Armscor Defence Institutes / Alkantpan Test Range	Alkantpan	Operating	Smous Pan 105	0	29-May-18	E-mail
Matsapola	Phaphedi	Armscor Defence Institutes / Alkantpan Test Range	Alkantpan	Operating	Smous Pan 105	2	29-May-18	E-mail
Matsapola	Phaphedi	Armscor Defence Institutes / Alkantpan Test Range	Alkantpan	Operating	Smous Pan 105	1	29-May-18	E-mail
Cullum	John	Mullio Prieska PV (RF) Ltd	Mullio Prieska PV	Operating	Klipgats Pan 117	4	29-May-18	E-mail
Cullum	John	Mullio Sonnedix Prieska PV (RF) (Pty) Ltd	Mullio Sonnedix	Operating	Hoekplaas 146	Lease Area 1	29-May-18	E-mail
Cullum	John	Hoekplaas Solar PV3 (Pty) Ltd	Hoekplaas Solar PV3	Authorised	Hoekplaas 146	0	29-May-18	E-mail
Cullum	John	Hoekplaas Solar PV2 (Pty) Ltd	Hoekplaas Solar PV2	Authorised	Hoekplaas 146	0	29-May-18	E-mail
Cullum	John	Hoekplaas Solar PV4 (Pty) Ltd	Hoekplaas Solar PV4	Authorised	Hoekplaas 146	0	29-May-18	E-mail
Cullum	John	Klipgats PV3 (Pty) Ltd	Klipgats PV3	Authorised	Klipgats Pan 117	4	29-May-18	E-mail
Cullum	John	Klipgats PV7 (Pty) Ltd	Klipgats PV7	Authorised	Klipgats Pan 117	4	29-May-18	E-mail
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Helena Solar 1	Rejected	Klipgats Pan 117	3	29-May-18	E-mail
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Helena Solar 2	Rejected	Klipgats Pan 117	3	29-May-18	E-mail
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Helena Solar 3	Rejected	Klipgats Pan 117	3	29-May-18	E-mail
Cope	Jason	Veld Renewables (Copperton Wind Farm)			Nelspoortjie 103	4	29-May-18	E-mail
van der Westhuizen	Corne	Kronos Solar Farm 1 (Pty) Ltd	Kronos Solar PV1 Park	Authorised	Nelspoortjie 103	5	29-May-18	E-mail
van der Westhuizen	Corne	Kronos Solar Farm 2 (Pty) Ltd	Kronos Solar PV2 Park	Authorised	Nelspoortjie 103	5	29-May-18	E-mail
van der Westhuizen	Corne	Kronos Solar Farm 3 (Pty) Ltd	Kronos Solar PV3 Park	Authorised	Nelspoortjie 103	5	29-May-18	E-mail
Peinke	David	Atlantic Renewable Energy Partners			Humansrus 147	0	29-May-18	E-mail
Miszczak	Sonia	Atlantic Renewable Energy Partners			Humansrus 147	0	29-May-18	E-mail
Wolmarans	Johannes	Humansrus Solar Projects / Solek			Humansrus 147	0	29-May-18	E-mail
Dean	David	Mainstream Renewable Power South Africa			N/A	N/A	29-May-18	E-mail
Arthur		Alkantpan Test Range - Lodge	N/A	N/A	N/A	N/A	29-May-18	E-mail
Loots	Tharina	Alkantpan Test Range - Lodge	N/A	N/A	N/A	N/A	29-May-18	E-mail

Municipal Councillor

Speelman	Gloria	Siyathemba Local Municipality: Ward 4 Councillor	N/A	N/A	N/A	N/A	29-May-18	E-mail
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Local and District Municipality

Tsume	H	Siyathemba Local Municipality	Mayor	N/A	N/A	N/A	29-May-18	E-mail
Stadhouer	IWJ	Siyathemba Local Municipality	Municipal Manager	N/A	N/A	N/A	29-May-18	E-mail
Basson	J	Siyathemba Local Municipality	LED / Infrastructure	N/A	N/A	N/A	29-May-18	E-mail
Kibi	MT	Pixley ka Seme District Municipality	Mayor	N/A	N/A	N/A	29-May-18	E-mail

Organs of State with Jurisdiction					N/A				
Kgampe	M	D: Department of Science and Technology	SKA Project	Operating	N/A				
Gumbi	N	DD: Department of Science & Technology	SKA South Africa	Operating	N/A				
Nemaungani	T	CD: Department of Science & Technology			N/A				
Sebueng	V	Department of Science and Technology: Admin Officer			N/A				
Mazibuko	B	SKA SA - Spectrum			N/A				
Matlhane	S	SKA SA - Spectrum			N/A				
Monama	T	SKA SA - GIS			N/A				
Mohapi	S	Department of Science & Technology - Legal Services			N/A				
Moonsamy	S	Department of Science & Technology - Legal Services			N/A				
Nape	T	SARAO - Permit Coordinator			N/A				
Sethole	B	SKA SA - Analyst			N/A				
Monyamane	Ezekiel	Transnet SOC LTD.			N/A				
Reddy	Krishna	Transnet SOC LTD.	N/A	N/A	N/A				
Papenfus	Norman	Transnet SOC LTD.			N/A				
Hamman	J.N	Provincial Government: Northern Cape	N/A	N/A	N/A				
Timothy	A	South African Heritage Resource Agency	N/A	N/A	N/A				
Nogwili	K	Northern Cape Department of Transport, Roads & Public Works	N/A	N/A	N/A				
Abrahams	A	Department of Water & Sanitation: Kimberley	N/A	N/A	N/A				
Ntoi	Mosala	Department of Water & Sanitation	N/A	N/A	N/A				
Khutjo	Sekwaila	Department of Water & Sanitation: Northern Cape Region	N/A	N/A	N/A				
Govender	M	Department of Environmental Affairs	N/A	N/A	N/A				
Swart	P	Department of Mineral Resources: Northern Cape	Regional Manager	N/A	N/A				
Shandukani	Patricia	Department of Mineral Resources: Northern Cape	N/A	N/A	N/A				
Mashau	Humbulani	Department of Mineral Resources: Northern Cape	N/A	N/A	N/A				
de Kock	Rene	SANRAL SOC LTD.	N/A	N/A	N/A				
Moholo	Sylvia	Department of Public Works: Kimberley	N/A	N/A	N/A				
Moeketsi	Kgotso	Provincial Head: NC Department of Agriculture, Land Reform and Rural Development			N/A				
Dikeni	T	CEO: Northern Cape Economic Development, Trade and Investment Promotion Agency			N/A				
Lucas	S	Northern Cape Office of the Premier			N/A				
Moleko	D	Northern Cape Provincial Government			N/A				
Ravhugoni	Ntsundeni	Department of Mineral Resources: Northern Cape - Environment			N/A				
Mthonbeni	Thulani	Northern Cape Department of Environmental Affairs and Nature Conservation			N/A				
Kgosi	Dineo	Northern Cape Department of Environmental Affairs and Nature Conservation			N/A				
Cloete	Shaun	Department of Water & Sanitation: Kimberley			N/A				
Mahlako	R	Department of Water & Sanitation: Kimberley			N/A				
Dlamini	Bonginkosi	Department of Environmental Affairs - Hazardous Waste Management and Licensing			N/A				
Mahlangu	Lucas	Department of Environmental Affairs - Hazardous Waste Management and Licensing			N/A				
Sefako	Dr Ramotholo	South African Astronomical Observatory			N/A				
Nematatani	Johannes	Department of Mineral Resources: Northern Cape - Environment			N/A				

Other									
Shamu	Walter	Orion Minerals	N/A	N/A	N/A	N/A	N/A	29-May-18	E-mail
Birch	Marcus	Orion Minerals						29-May-18	E-mail
Brown	Robyn	Mullo Renewable Project Developments	N/A	N/A	N/A	N/A	N/A	29-May-18	E-mail
Liebenberg	Schalk	GWK Group	Retail Division - Prieska	N/A	N/A	N/A	N/A	29-May-18	E-mail
Brooks	Llewellyn	GWK Group	Group Managing Director	N/A	N/A	N/A	N/A	29-May-18	E-mail
Kotze	Juan	GWK Group	Head: Corporate Affairs	N/A	N/A	N/A	N/A	29-May-18	E-mail
van Zyl	Wiehann	Solek Renewable Energy Engineers		N/A	N/A	N/A	N/A	29-May-18	E-mail
Botha	Simon	Interested Party		N/A	N/A	N/A	N/A	29-May-18	E-mail
Dean	David	Mainstream Renewable Power South Africa		N/A	N/A	N/A	N/A	29-May-18	E-mail
Papier	Piet	Interested Party		N/A	N/A	N/A	N/A	29-May-18	E-mail
Potgieter	Izak	Duncan & Rothman Attorneys		N/A	N/A	N/A	N/A	29-May-18	E-mail
Steenkamp	Lucas Petrus	Interested Party		N/A	N/A	N/A	N/A	29-May-18	E-mail
Diuger	Edward	Boer/ Landboukamdige		N/A	N/A	N/A	N/A	29-May-18	E-mail
Wessels	D C	Steenkop Boerdery		N/A	N/A	N/A	N/A	29-May-18	E-mail
de Jager	Cornelius Frans	(Azuntie Straat) Independent Homeowner		N/A	N/A	N/A	N/A	29-May-18	E-mail
Gainsford	Percy	Prieska Black Business Forum		N/A	N/A	N/A	N/A	29-May-18	E-mail
de Jager	Sandra	Interested Party		N/A	N/A	N/A	N/A	29-May-18	E-mail
Human	Wynand	Interested Party		N/A	N/A	N/A	N/A	29-May-18	E-mail
Human	Johannes	Agri Prieska		N/A	N/A	N/A	N/A	29-May-18	Added on 09 May 2018
Dwyer	Dulcken	Agri Prieska		N/A	N/A	N/A	N/A	29-May-18	Added on 09 May 2018
Botha	JP	Agri Prieska		N/A	N/A	N/A	N/A	29-May-18	Added on 09 May 2018

Pipeline Landowners (Copperton to Prieska)

Marais	William	Private Landowner	N/A	N/A	Prieskas Poort 51	unknown	29-May-18	Added on 29 May 2018
Sandenbergh	Alex	Private Landowner	N/A	N/A	Prieskas Poort 52	unknown	29-May-18	Added on 29 May 2018
Steenkamp	Lykks	Private Landowner	N/A	N/A	Jakkalswater 68	unknown	29-May-18	Added on 29 May 2018
W van Staden	Wian	Private Landowner	N/A	N/A	Prieskas Poort 54	unknown	29-May-18	Added on 29 May 2018
Van Deventer	PG	Private Landowner	N/A	N/A	unknown	unknown	29-May-18	Added on 29 May 2018
B Sandenbergh	Burger	Private Landowner	N/A	N/A	Prieskas Poort 56	unknown	29-May-18	Added on 29 May 2018
AL Pretorius	Bertus	Private Landowner	N/A	N/A	Prieskas Poort 54	unknown	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Copperton Development CC	N/A	N/A	Vogelstruisbult 104	14	29-May-18	Added on 29 May 2018
Orion Gold Mine/Repli								
Trading No.27 (Pty) Ltd	N/A	N/A	N/A	N/A	Vogelstruisbult 104	25	29-May-18	Added on 29 May 2018
Meyer	Pieter-Mike	Request Trust	N/A	N/A	Nelspoortjie 103	4	29-May-18	Added on 29 May 2018
Fourie	Wilhette (Pieter)	Private Landowner	N/A	N/A	Nelspoortjie 104	5	29-May-18	Added on 29 May 2018
Fourie	Wilhette	Private Landowner	N/A	N/A	Nelspoortjie 105	7	29-May-18	Added on 29 May 2018
Human	Christina Susanna	Private Landowner	N/A	N/A	Humansrus 147	0	29-May-18	Added on 29 May 2018
Human	Hendrik Gideon	Private Landowner	N/A	N/A	Hoekplasp 146	0	29-May-18	Added on 29 May 2018
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	N/A	N/A	Vogelstruisbult 104	5	29-May-18	Added on 29 May 2018
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	N/A	N/A	Vogelstruisbult 104	6	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Copperton Development CC	N/A	N/A	Vogelstruisbult 104	14	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Interested Party	N/A	N/A	Vogelstruisbult 104	16	29-May-18	Added on 29 May 2018
Bekebeke	Justice	Provincial Government of Northern Cape	N/A	N/A	Vogelstruisbult 104	17	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	18	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	19	29-May-18	Added on 29 May 2018
Meyer	Hester Cecilia	Request Trust	N/A	N/A	Vogelstruisbult 104	20	29-May-18	Added on 29 May 2018
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	N/A	N/A	Vogelstruisbult 104	21	29-May-18	Added on 29 May 2018