

APPENDIX A: LEGISLATION REQUIREMENTS AS PER NEMA GNR APPENDIX 1 AND 4

CORRELATION WITH GNR 982	LEGISLATIVE REQUIREMENTS	RELEVANT REPORT SECTION
APPENDIX 1		
3(1)(a)(i) & (ii)	Details of the environmental assessment practitioner (EAP).	1.1 Details of The EAP Who Prepared The Report Expertise of the EAP and CV have been included in Appendix B
3(1)(b)(i-iii)	Location of the activity	2 DESCRIPTION OF THE PROPERTY & MAP 1
3(1)(c)	A plan which locates the proposed activity or activities applied for as well as associated structures and infrastructure at an appropriate scale;	2 DESCRIPTION OF THE PROPERTY 2.2 Locality map
3(1)(d)(ii)	A description of the activities to be undertaken.	3 DESCRIPTION OF THE SCOPE OF THE PROPOSED OVERALL ACTIVITY
3(1)(f)	A motivation for the need and desirability of the proposed development.	5 NEED AND DESIRABILITY OF THE PROPOSED ACTIVITIES
3(1)(g)	A motivation for the preferred site, activity and technology alternative.	6. MOTIVATION FOR THE PREFERRED DEVELOPMENT FOOTPRINT WITHIN THE APPROVED SITE INCLUDING A FULL DESCRIPTION OF THE PROCESS FOLLOWED TO REACH THE PROPOSED DEVELOPMENT FOOTPRINT WITHIN THE APPROVED SITE 13 MOTIVATION WHERE NO ALTERNATIVE SITES WERE CONSIDERED
3(1)(h)(i),(ix)&(x)	Details of the alternatives considered and outcomes of the site selection matrix.	20 FINAL PROPOSED ALTERNATIVES
3(1)(h)(xi)	A concluding statement indicating the preferred alternatives and preferred location of the activity.	13 MOTIVATION WHERE NO ALTERNATIVE SITES WERE CONSIDERED
3(d)(i)	Description of the listed and specified activities triggered and being applied for.	4.1 Listed Activities Identified in Terms of NEMA, NEM:WA and NWA
3(1)(h)(iv) & 3(1)(k)	Environmental attributes associated with the alternatives focusing on the geographical, physical, biological, social,	8. THE ENVIRONMENTAL ATTRIBUTES ASSOCIATED WITH THE SITES

	economic, heritage and cultural aspects.	
3(1)(e)(i) & (ii)	A description of the policy and legislative context within which the development is proposed.	4 POLICY AND LEGISLATIVE CONTEXT
3(1)(h)(ii)	Details of the public participation process undertaken.	7 Details of Public Participation Process Followed
3(1)(h)(v)	The impacts and risks identified for each alternative.	9 IMPACTS AND RISKS IDENTIFIED INCLUDING THE NATURE, SIGNIFICANCE, CONSEQUENCE, EXTENT, DURATION AND PROBABILITY
3(1)(h)(vi)	Methodology used to rank the impacts.	10 METHODOLOGY USED IN DETERMINING AND RANKING THE NATURE, SIGNIFICANCE, CONSEQUENCES, EXTENT, DURATION AND PROBABILITY OF POTENTIAL ENVIRONMENTAL IMPACTS AND RISKS
3(1)(h)(iii) & (vii)	Positive and negative impacts associated with the proposed project.	11 THE POSITIVE AND NEGATIVE IMPACTS THAT THE PROPOSED ACTIVITY AND ALTERNATIVES WILL HAVE ON THE ENVIRONMENT AND THE COMMUNITY THAT MAY BE AFFECTED
3(1)(h)(viii)	Proposed mitigation measures (also included in appendix F in the environmental management programme (EMPR)).	12 THE POSSIBLE MITIGATION MEASURES THAT COULD BE APPLIED AND THE LEVEL OF RISK
3(1)(i)(i)&(ii)	Full description of the process used to identify and rank the impacts through the life of the project.	15 FULL DESCRIPTION OF THE PROCESS UNDERTAKEN TO IDENTIFY, ASSESS AND RANK THE IMPACTS AND RISKS THE ACTIVITY WILL IMPOSE ON THE PREFERRED SITE (IN RESPECT OF THE FINAL SITE LAYOUT PLAN) THROUGH THE LIFE OF THE ACTIVITY
3(1)(j)(i-vii)	An assessment of each identified potentially significant impact and risk.	16 ASSESSMENT OF EACH IDENTIFIED POTENTIALLY SIGNIFICANT IMPACT AND RISK
3(1)(l)(i-iii)	An environmental impact statement.	18 ENVIRONMENTAL IMPACT STATEMENT
3(1)(m)	Impact management measures.	19 PROPOSED IMPACT MANAGEMENT OBJECTIVES AND THE IMPACT MANAGEMENT OUTCOMES FOR INCLUSION IN THE EMPR These Are Also Included in The EMPR In Section 27

3(1)(n)	Aspects to be included in conditions of authorisation. These are also described in the mitigation and management measures contained within the EMPr	21 ASPECTS FOR INCLUSION AS CONDITIONS OF AUTHORISATION
3(1)(q)	Where the proposed activity does not include operational aspects, the period for which the environmental authorisation is required, the date on which the activity will be concluded, and the post construction monitoring requirements finalised;	20. PERIOD FOR WHICH ENVIRONMENTAL AUTHORISATION IS REQUIRED
3(1)(o)	Statement on what has been excluded from the basic assessment process and the reasoning thereof.	22 DESCRIPTION OF ANY ASSUMPTIONS, UNCERTAINTIES, AND GAPS IN KNOWLEDGE
3(1)(p)	Opinion as to whether the proposed activity should be authorised or not.	23 REASONED OPINION AS TO WHETHER THE PROPOSED ACTIVITY SHOULD OR SHOULD NOT BE AUTHORISED
3(1)(r)(i-iv)	Undertaking under oath or affirmation of the EAP	33 Undertaking
3(1)(t)	I&APS Identification, consultation and Management	7. Details of Public Participation Process Followed
APPENDIX 4		
(1)(a)	Details of:	
	(i) the EAP who prepared the EMPr; and	27.1 Details of The EAPAP
	(ii) the expertise of that EAP to prepare an EMPr, including a curriculum vitae;	1.2 Expertise of the EAP & APPENDIX B
(1)(b)	A detailed description of the aspects of the activity that are covered by the EMPr as identified by the project description;	27.2 Description of the Aspects of the Activity
(1)(c)	A map at an appropriate scale which superimposes the proposed activity, its associated structures, and infrastructure on the environmental sensitivities of the preferred site, indicating any areas	28 COMPOSITE MAP MAP 2

	that should be avoided, including buffers;	
(1)(d)	<p>A description of the impact management outcomes, including management statements, identifying the impacts and risks that need to be avoided, managed and mitigated as identified through the environmental impact assessment process for all phases of the development including</p> <p>(i) planning and design;</p> <p>(ii) pre-construction activities;</p> <p>(iii) construction activities;</p> <p>(iv) rehabilitation of the environment after construction and where applicable post closure; and</p> <p>(v) where relevant, operation activities;</p>	29 DESCRIPTION OF IMPACT MANAGEMENT OBJECTIVES INCLUDING MANAGEMENT STATEMENTS
(1)(f)	<p>A description of proposed impact management actions, identifying the manner in which the impact management outcomes contemplated in paragraphs (d) will be achieved, and must, where applicable, include actions to -</p> <p>(i) avoid, modify, remedy, control or stop any action, activity or process which causes pollution or environmental degradation;</p> <p>(ii) comply with any prescribed environmental management standards or practices;</p> <p>(iii) comply with any applicable provisions of the Act regarding closure, where applicable; and</p> <p>(iv) comply with any provisions of the Act regarding financial provisions for rehabilitation, where applicable;</p>	<p>29 DESCRIPTION OF IMPACT MANAGEMENT OBJECTIVES INCLUDING MANAGEMENT STATEMENTS</p> <p>Part B</p>
(1)(g)	The method of monitoring the implementation of the impact	Table 32-1

	management actions contemplated in paragraph (f);	
(1)(h)	The frequency of monitoring the implementation of the impact management actions contemplated in paragraph (f);	Table 32-1
(1)(i)	An indication of the persons who will be responsible for the implementation of the impact management actions;	Table 32-1 Table 29-3
(1)(j)	The time periods within which the impact management actions contemplated in paragraph (f) must be implemented;	Table 32-1
(1)(k)	The mechanism for monitoring compliance with the impact management actions contemplated in paragraph (f);	Table 32-1
(1)(l)	A program for reporting on compliance, taking into account the requirements as prescribed by the regulations;	32.5 Indicate the Frequency of the Submissions of the Performance Report Table 32-1
(1)(m)	An environmental awareness plan describing the manner in which - (i) the applicant intends to inform his or her employees of any environmental risk which may result from their work; and	32.6 Manner in which the Applicant Intends to Inform his or her Employees of any Environmental Risk which may Result from their Work
	(ii) risks must be dealt with in order to avoid pollution or the degradation of the environment; and	32.7 Manner in which Risk will be Dealt with in order to Avoid Pollution or the Degradation of the Environment
(1)(n)	Any specific information that may be required by the competent authority.	32.8 Specific Information Required by the Competent Authority
(2)	Where a government notice gazetted by the minister provides for a generic EMPr, such generic EMPr as indicated in such notice will apply.	N/A

APPENDIX B: EAP EXPERIENCE

CURRICULUM VITAE

CHANÉ PRETORIUS

ENVIRONMENTAL CONSULTANT

BACKGROUND

Chané is an Environmental Consultant at ABS Africa.

She has over 7 years' experience in coordinating and managing various environmental studies in the mining, infrastructure and energy sectors.

Her key experience includes the management and compilation of local and international Environmental and Social Impact Assessments, in compliance with in-country and international standards. She has undertaken projects in South Africa, Zimbabwe, DRC, Mozambique, Mali and Ghana.

FIELDS OF COMPETENCE

- Environmental and Social Impact Assessments
- Environmental Auditing
- Project Management
- Fatal Flaw Assessments
- Pre-feasibility Assessments
- Environmental Due Diligence
- Basic Assessment Reports (BARs)
- Environmental Management Programmes (EMPr) and Action Plans
- Legal Registers

ACADEMIC QUALIFICATIONS

- Bachelor of Science in Tourism, Zoology and Geography: North West University, 2010
- Bachelor of Science (Honours) in Geography: University of Johannesburg, 2011

COURSES COMPLETED

- Environmental Law for Environmental Managers, North West University, 2015.

- Water Management in Mining, University of the Free State, 2014.
- Mining Closure and Rehabilitation, North West University, 2013.

KEY PROJECT EXPERIENCE

TRI-K GOLD PROJECT- GUINEA - (2019 - 2019)

Environmental Assessment Practitioner responsible for the compilation of numerous management action plans in support of the IFC EIA requirements.

TRIPLE OBJECT SYSTEMS – SOUTH AFRICA (2019 - 2019)

Lead Environmental Assessment Practitioner for the undertaking of a Basic Assessment Report in support of a Waste Management Licence for a recycling facility in Centurion, Gauteng.

KRANSpan PROJECT – SOUTH AFRICA (2018 - 2019)

Environmental Assessment Practitioner for an environmental authorisation, waste management license and integrated water use licence for a proposed surface and underground coal mine, near Carolina in the Mpumalanga Province.

NORTHERN CAPE PROSPECTING – SOUTH AFRICA (2018 - PRESENT)

Environmental Assessment Practitioner for three environmental authorisation processes in support of prospecting right applications, near Copperton and Marydale in the Northern Cape Province.

MUKULU MANGANESE PROJECT- SOUTH AFRICA (2019)

Environmental review and audit in terms of the requirement of the environmental authorisation and environmental management plan as well as associated closure plan.

PRIESKA ZINC COPPER PROJECT – SOUTH AFRICA (2017-2018)

Environmental Assessment Practitioner for an environmental authorisation, waste management license and integrated water use licence for the proposed re-establishment of the Prieska Copper Mine, near Copperton in the Northern Cape Province.

PRIESKA ZINC COPPER PROJECT (VARDOCUBE SECTION)– SOUTH AFRICA (2018)

Environmental Assessment Practitioner for an environmental authorisation for the proposed re-establishment of the Prieska Copper Mine (underground), near Copperton in the Northern Cape Province.

HLAGISA WILDFONTEIN MINE EXPANSION PROJECT – 2018

Environmental Assessment Practitioner for a Section 102 amendment for the expansion of the Wildfontein Mine.

HLAGISA WILDFONTEIN MINE IWWMP

Environmental Assessment Practitioner responsible for the compilation of an Integrated Water and Waste Management Plan for the Wildfontein Colliery.

GLENOVER MINE PROJECT – (2017)

Environmental Assessment Practitioner for an environmental authorisation, waste management license and integrated water use licence for the proposed Glenover Mine.

LENASIA SOUTH HOSPITAL PROJECT – SOUTH AFRICA (2016)

Environmental Assessment Practitioner for an environmental authorisation, waste management license and atmospheric emission license for the conversion of a community health centre into a Level 1 District Hospital.

SPRINGS FRESH PRODUCE MARKET EXPANSION PROJECT – SOUTH AFRICA (2016-2017)

Environmental Assessment Practitioner for an environmental authorisation for the expansion of the Springs Fresh Produce Market.

KALANA GOLD PROJECT – MALI (2015-2016)

Environmental Assessment Practitioner for an IFC-compliant ESIA and RAP for a proposed gold mine and processing plant. The Project included management of various specialist sub-consultants and a local consultant responsible for the social studies as well as assistance with the completion of a Resettlement Action Plan (RAP).

ESAASE GOLD MINE PROJECT - GHANA (2013 – 2014)

Assistance with the project coordination of an EIA for a greenfield gold mine in Ghana. The Project included management of various specialist studies and coordination of the public participation process and social impact assessment. An online project legal register was developed.

HWANGE POWER STATION - ZIMBABWE (2013 – 2014)

Project management of the comprehensive environmental and social audit of the Hwange Power Station. The audit assessed compliance of the power station to both in-country legal requirements and the IFC performance standards. Studies were coordinated between experts in Australia, South Africa and Zimbabwe. A prioritized management plan was compiled with recommendations to address the findings of the audit.

FEKOLA GOLD PROJECT - MALI (2013)

Project assistance with the completion of an IFC-compliant ESIA for a proposed gold mine and processing plant.

ESTIMA COAL PROJECT - MOZAMBIQUE (2013)

Assisted with the fatal flaw analysis for the proposed Chitima Northern Conveyor Line.

ENVIRONMENTAL IMPACT ASSESSMENT FOR THE KUSILE 60 YEAR ASH DISPOSAL FACILITY - MPUMALANGA, SOUTH AFRICA (2012)

Project coordination of an EIA for an ash disposal facility including management of specialist studies, report compilation and assistance with public participation. A desktop site selection study was undertaken as part of the EIA.

RENEWABLE ENERGY GUIDELINE - SOUTH AFRICA (2012)

Compilation of a guideline document for the Renewable Energy Sector on the listed activities in the Environmental Impact Assessment Regulations published under the National Environmental Management Act 107 of 1998.

WILGE / PHOLA SEWER AND WATER PIPELINE DEVELOPMENT PROJECT – MPUMALANGA, SOUTH AFRICA (2012)

Conducting the water use license application (WULA) process for Section 21 (c) and (i) water uses, including compilation of all DWA application forms and assisting with compilation of the technical report.

SOLAR PARK INTEGRATION PROJECT - NORTHERN CAPE, SOUTH AFRICA (2012)

Coordination and compilation of three Basic Assessment Reports (BAR) and associated EMPr for the Solar Park Integration Project consisting of:

- 3 x 132kV lines and 2 x 20MVA Transformers for the Solar Park Site
- 3 x 132kV lines for the independent power producers in Solar Park
- 5 x 132kV lines for Solar Park
- 2 x (±) 25km 132kV lines to Gordonia Substation (Upington)

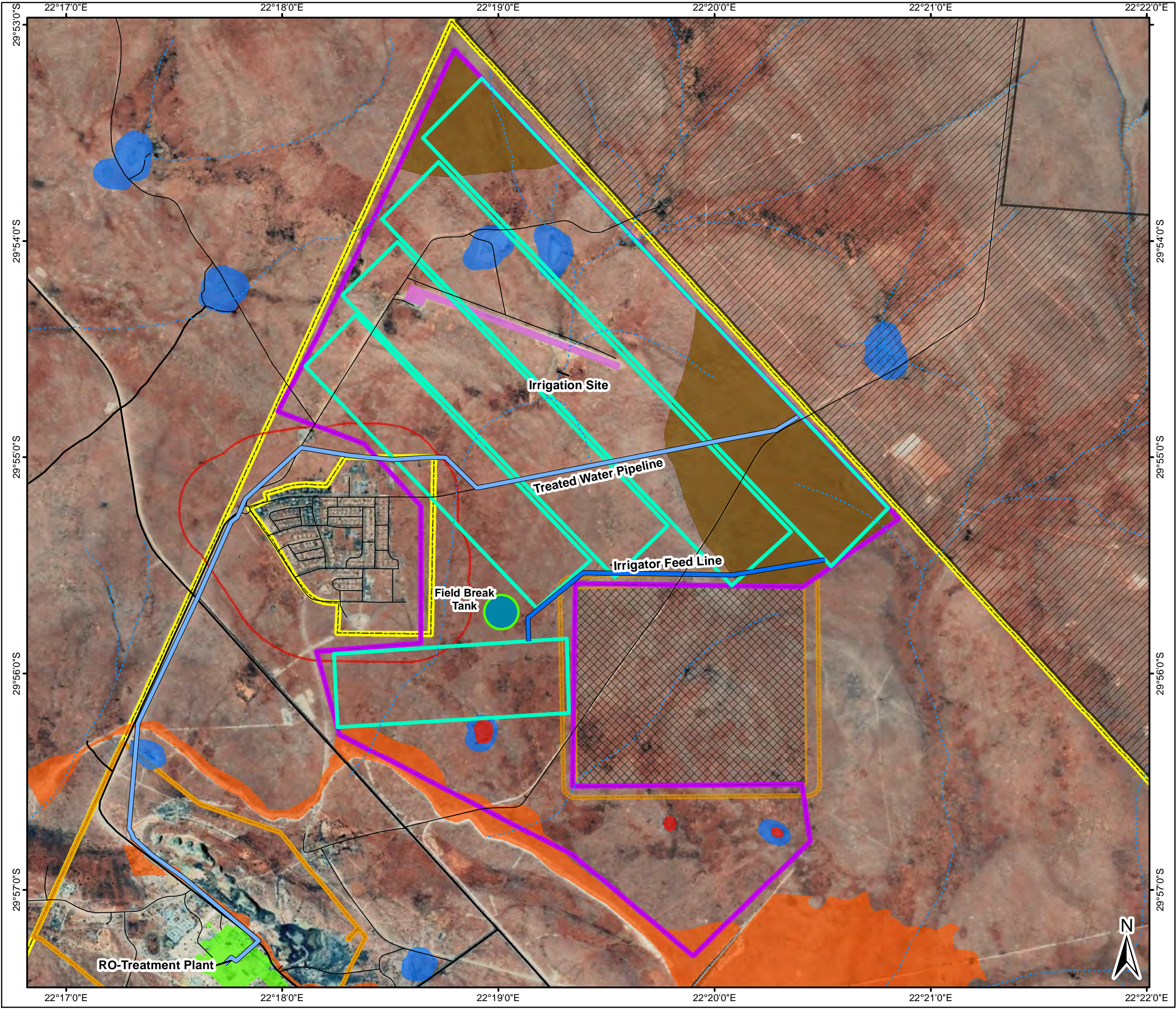
MEDUPI POWER STATION OEMP – LIMPOPO, SOUTH AFRICA (2012)

Compilation of an Operational Environmental Management Plan for the Medupi Power Station.

APPENDIX C: MAPS

MAP 1: REGIONAL LOCALITY MAP

MAP 2: SENSITIVITY



VARDOCUBE IRRIGATION AREA EA

Legend

- Treated Water Pipeline
- Rivers and Streams**
 - Non-Perennial
- Road Network**
 - Secondary Road
 - Other Roads
- Irrigation Layout**
 - Irrigator Feed Line
 - Field Break Tank
 - Irrigator Blocks
 - RO-Treatment Plant
 - Irrigation area extent (1565 ha)
- Environmental Sensitivity Features**
 - 1:100 year Floodlines
 - AirStrip - To be relocated
 - Garob Wind Farm
 - Copperton_Buff500
 - High Biodiversity Value
 - Soil Constraints
 - Struisbult PV2
 - Struisbult PV2 Buffer - 100 m
 - Wetlands - 50 m Buffer
- Mining Rights**
 - PCZM Mining Right Boundary
 - Vardocube Mining Right Boundary

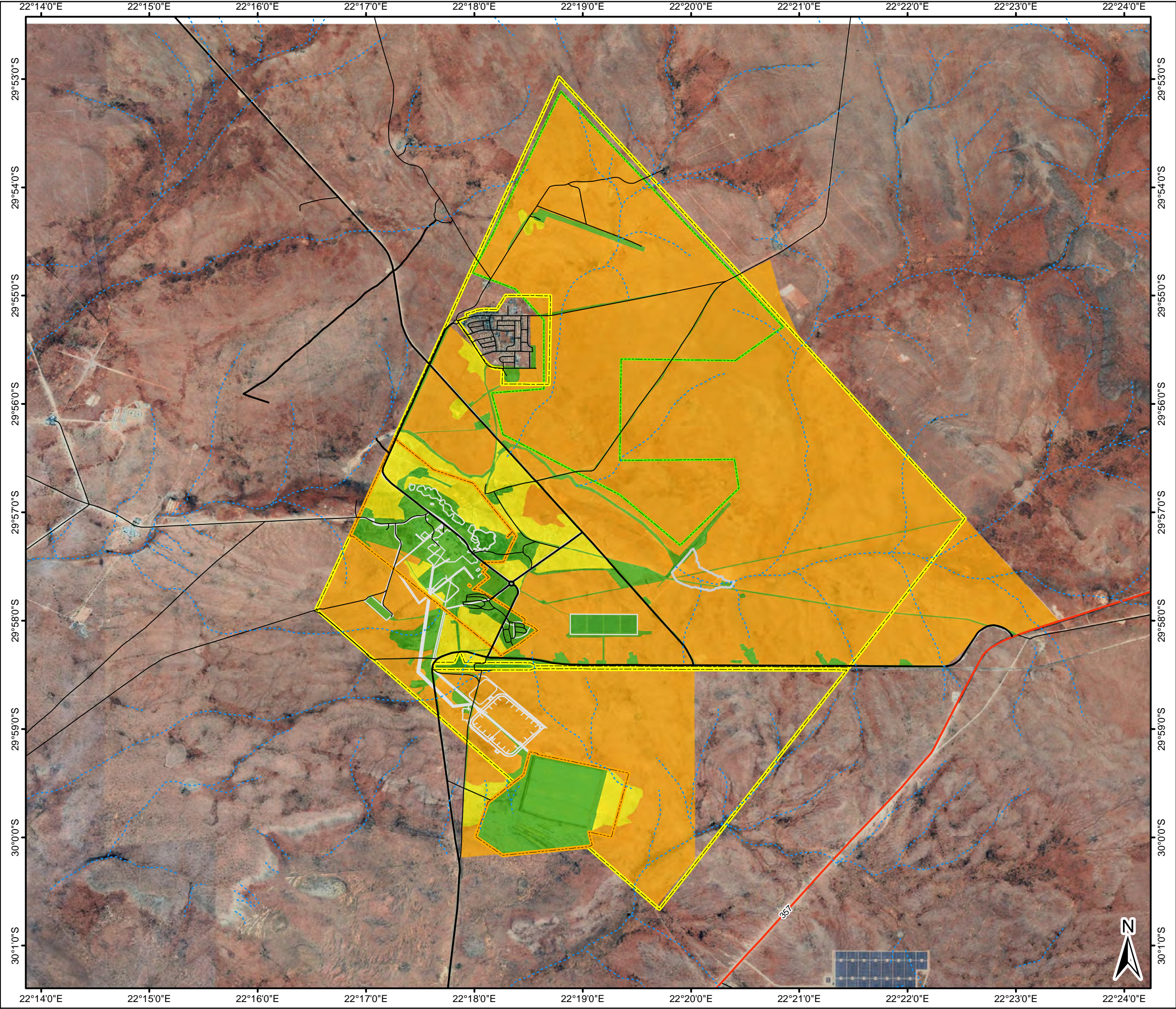
VARDOCUBE IRRIGATION SITE

0 0.25 0.5 1 1.5 Kilometers

Reviewed: P. Furniss Environmental Scientist	Drawn by: A Brower GIS Consultant
Coordinate System: GCS WGS 1984 Datum: WGS 1984	
	Scale: 1:30 000
	Version: 115-002-23-v3
	Date: 2020/09/15

Data Source: Geologically sterile area from L.Van Shalkwyk (20190718), Infrastructure from DRA Rev Drawing (20190718)

MAP 3: CRITICAL BIODIVERSITY AND ECOLOGICAL SUPPORT AREAS



VARDOCUBE IRRIGATION BAR

Legend

Rivers and Streams

Non-Perennial

Road Network

Main Road

Secondary Road

Other Roads

PCZM Mining Right Boundary

Vardocube Mining Right Boundary

Current Layout

Infrastructure

Proposed Irrigation area

Ecological Importance

Medium

Low

Very Low


ECOLOGICAL IMPORTANCE

00.512Kilometers

Reviewed:
P. Furniss
Environmental Scientist

Drawn by:
A Brower
GIS Consultant

Coordinate System: GCS WGS 1984
Datum: WGS 1984

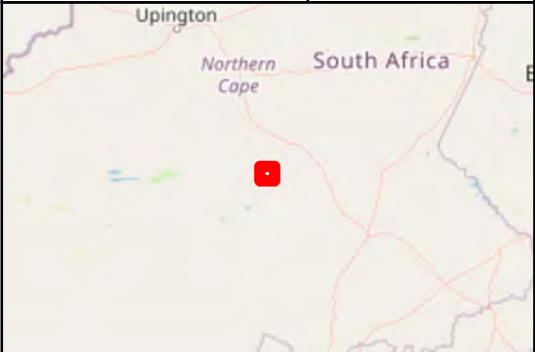


ABS Africa
Sustainability Advisors

Scale: 1:60 000

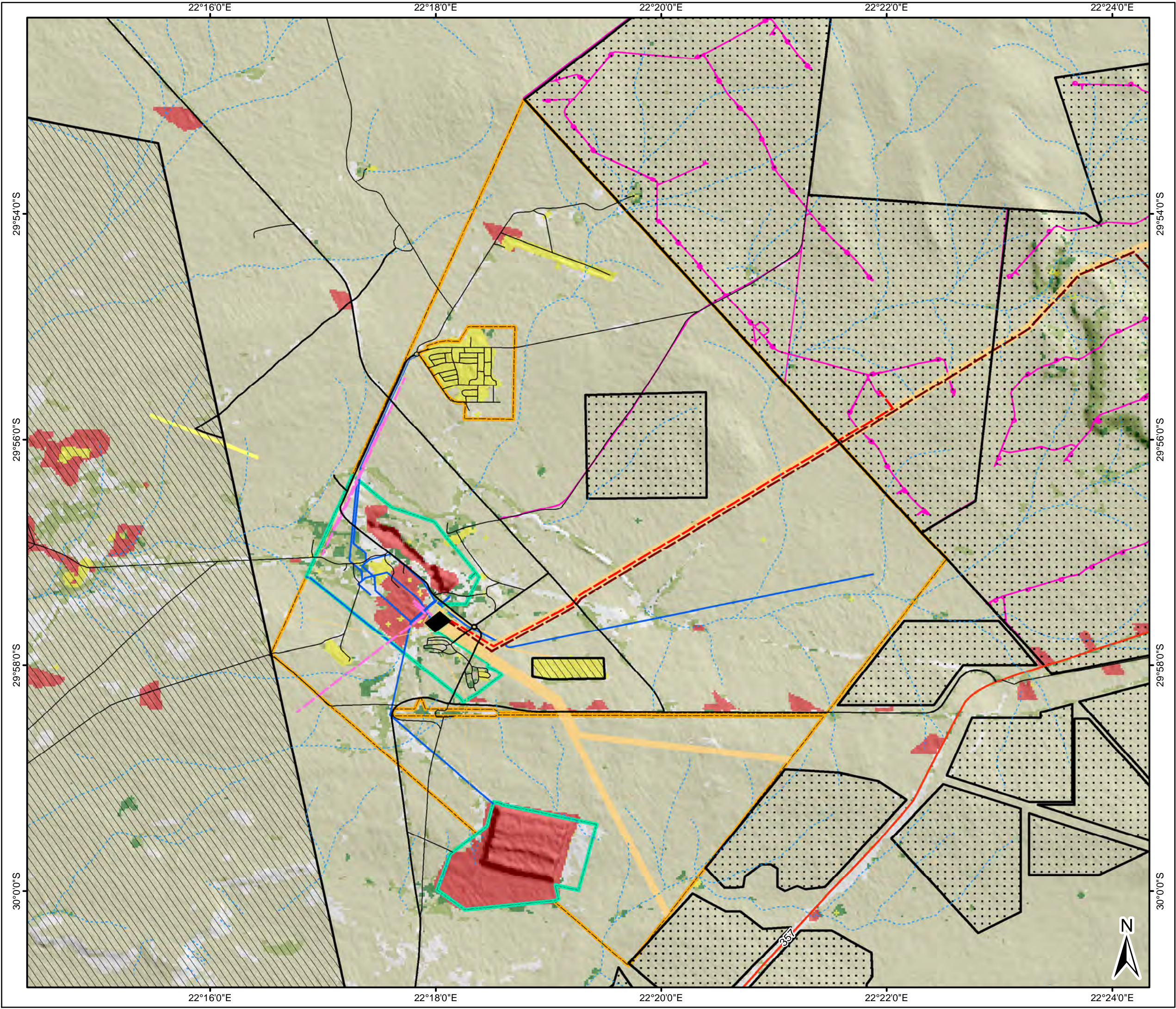
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Date: 2020/10/27



Data Source: Geologically sterile area from L.Van Shalkwyk (20190718), Infrastructure from DRA Rev Drawing (20190718)

MAP 4: CURRENT LANDUSES



VARDOCUBE IRRIGATION BAR

Legend

- Towns
- Rivers and Streams**
 - Non-Perennial
- Road Network**
 - Main Road
 - Secondary Road
 - Other Roads
- Operating & Proposed Developments**
 - Operating
 - Proposed
 - ESKOM Yard
 - Copperton Wind Farm OHL
 - Garob Wind Farm OHL
 - Proposed OHL
 - PCZM Mining Right Boundary
 - Vardocube Mining Right Boundary
- Land use**
 - Natural wooded land
 - Shrubland
 - Grassland
 - Barren land
 - Build-up
 - Mines and quarries
 - OHL Servitude
 - Water Pipeline Servitude

LAND USE

00.512Kilometers

Reviewed:
P. Furniss
Environmental Scientist

Drawn by:
A Brower
GIS Consultant

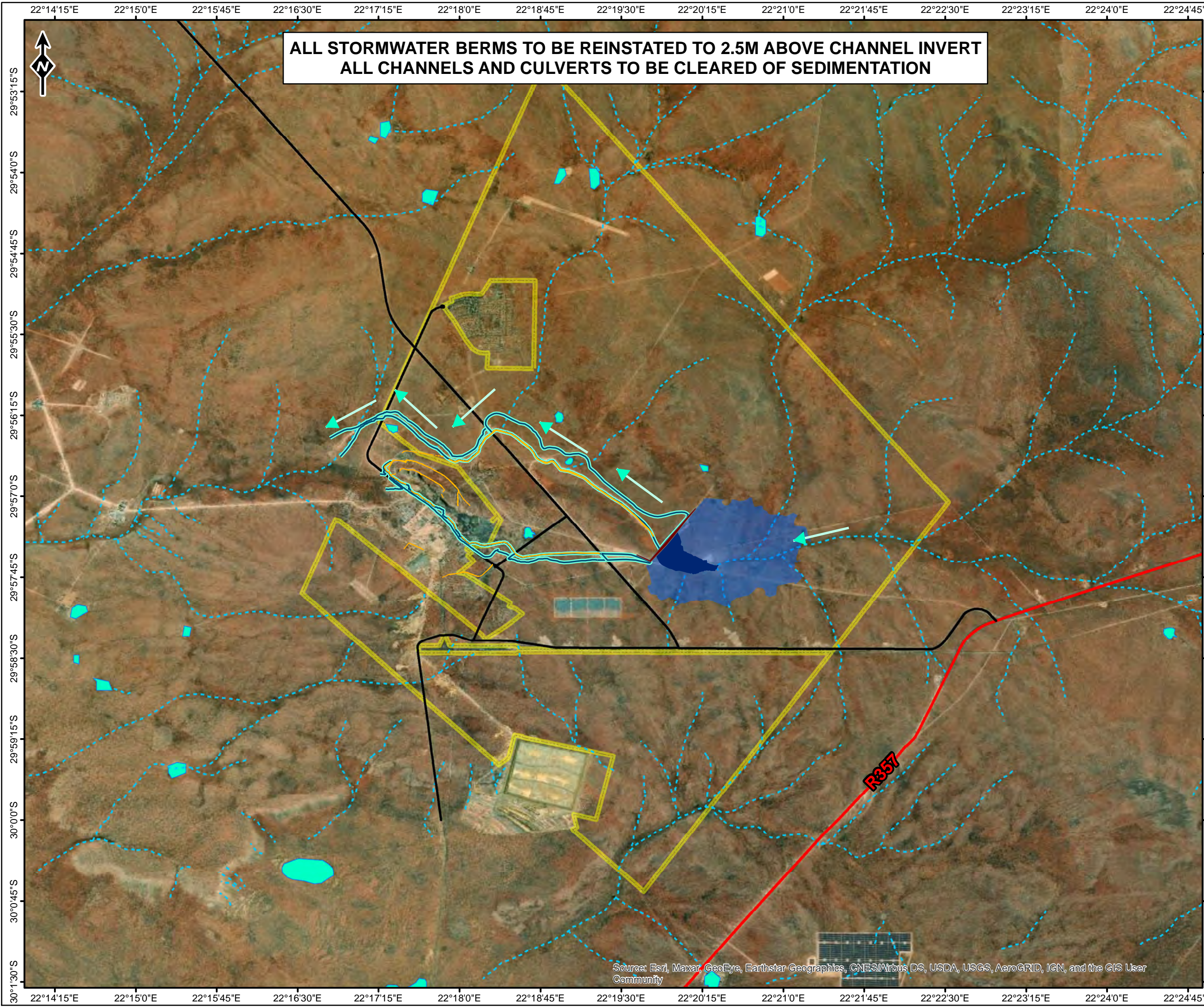
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Version: 115-002-18-v2

Date: 2020/10/27




MAP 5: HYDROLOGY





ALL STORMWATER BERMS TO BE REINSTATED TO 2.5M ABOVE CHANNEL INVERT
ALL CHANNELS AND CULVERTS TO BE CLEARED OF SEDIMENTATION

Vardocube Irrigation BAR

LEGEND

-  Berms
-  Mining Infrastructure
-  Vardocube Mining Right Boundary

ROAD NETWORK

-  Main Road
-  Secondary Road

RIVERS & STREAMS

-  Non-Perennial River

FLOODLINES BASED ON REINSTATED CHANNELS & BERMS

-  100 Year Floodlines
-  Dam 100 Yr Floodline
-  Wetlands

HYDROLOGY

0 470 940 1 880 Meters

Reviewed: P. Furniss Environmental Scientist	Drawn by: L. Du Plessis GIS Specialist (PGP 1189)
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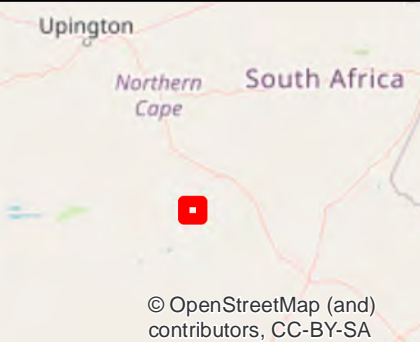
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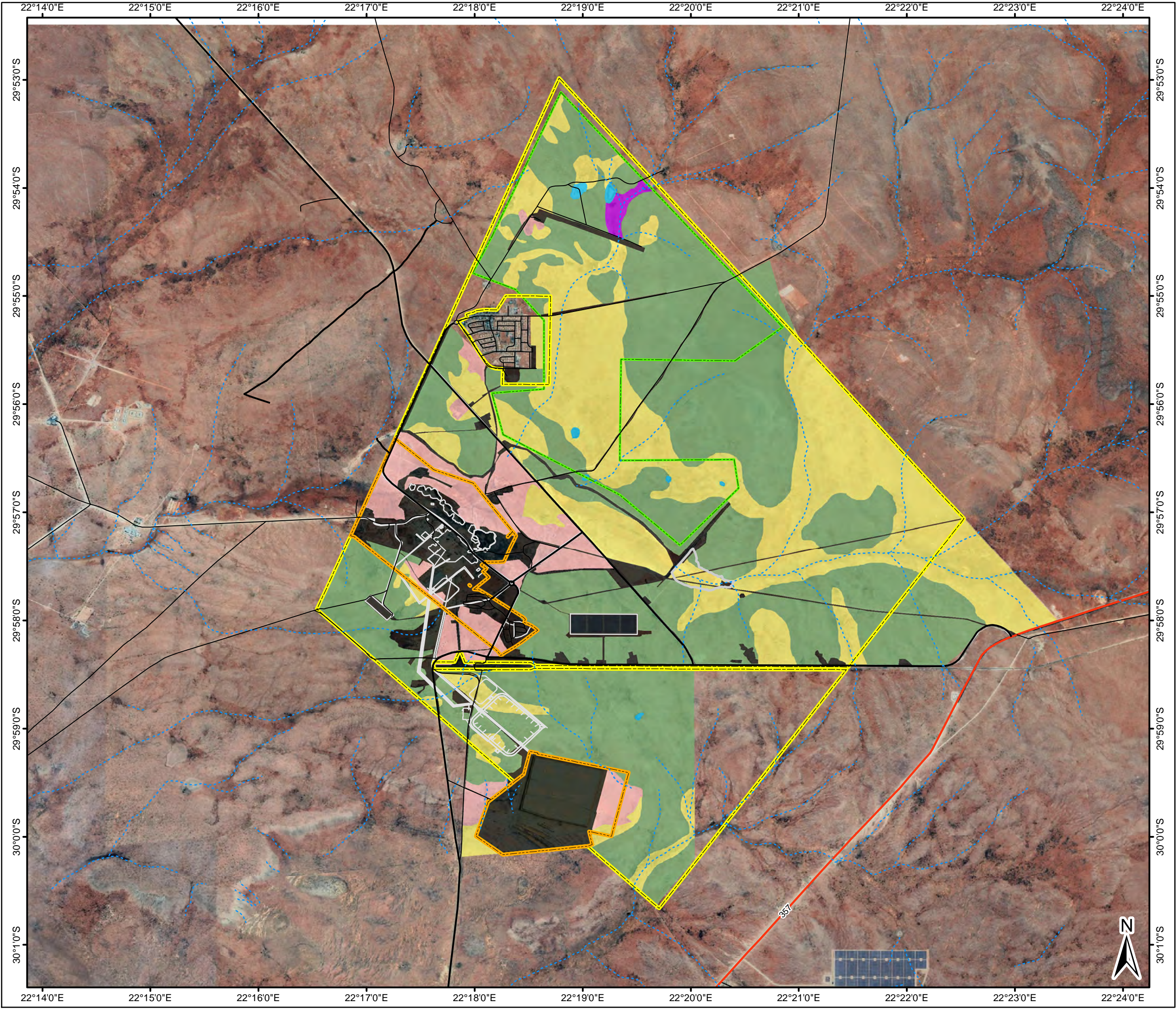
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Version: Final

Date: 2020/10/27



MAP 6: VEGETATION COMMUNITIES



VARDOCUBE IRRIGATION BAR

Legend

Rivers and Streams

- Non-Perennial

Road Network

- Main Road
- Secondary Road
- Other Roads

Current Layout

- PCZM Mining Right Boundary
- Vardocube Mining Right Boundary

Current Layout

- Infrastructure
- Proposed Irrigation area

Vegetation Communities

- Aizoaceae dwarf shrubland on calcrete plains
- Ephemeral Pans
- Galenia africana - Pteronia mucronata Dwarf Shrubland in Drainage Lines
- Rhigozum trichotomum dwarf shrubland on sandy plains
- Modified Habitat (Prosopis thickets)
- Modified Habitat (buildings, mine infrastructure, roads)

VEGETATION COMMUNITIES

0 0.5 1 2 Kilometers

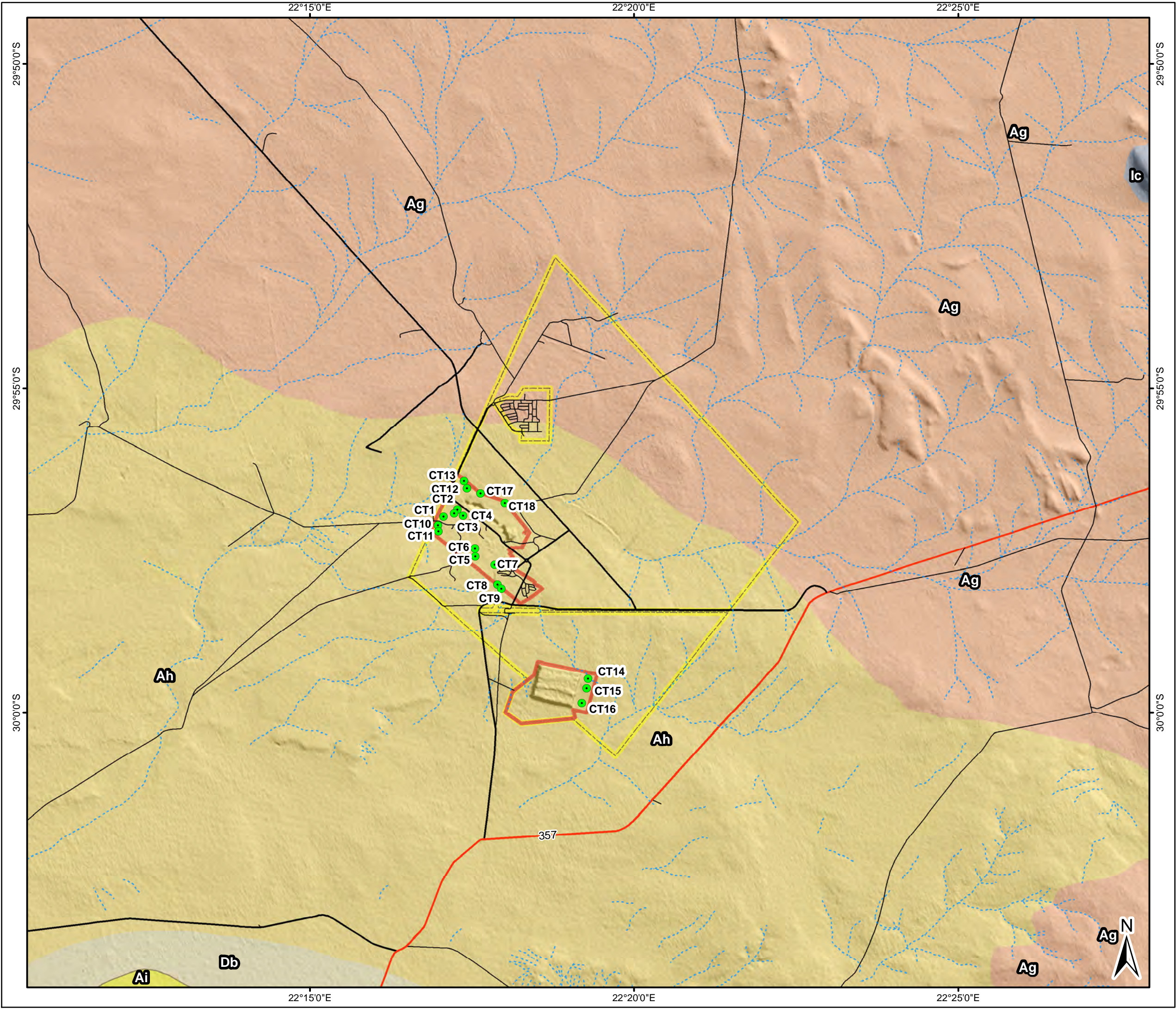
Reviewed: P. Furniss Environmental Scientist	Drawn by: A Brower GIS Consultant
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Coordinate System: GCS WGS 1984
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	Scale: 1:60 000
	Version: 115-002-21
	Date: 2020/10/27

Data Source: Geologically sterile area from L.Van Shalkwyk (20190718), Infrastructure from DRA Rev Drawing (20190718)

MAP 7: SOILS




VARDOCUBE IRRIGATION BAR

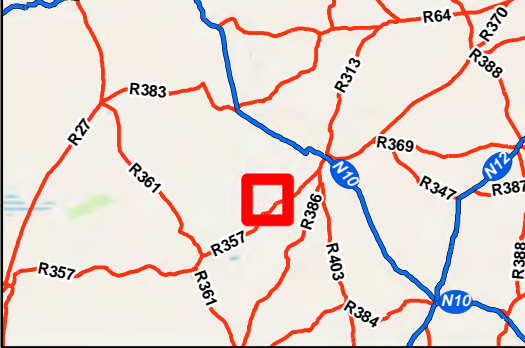
LEGEND

- Soil Observation Points
- Rivers and Streams**
 - Non-Perennial
- Road Network**
 - Main Road
 - Secondary Road
 - Other Roads
- PCZM Mining Right Boundary
- Vardocube Mining Right Boundary
- Soils**
 - Red-Yellow Apedal, Freely Drained Soils**
 - Ag - Red, high base status, <300mm deep
 - Ah - Red and yellow, high base status, usually < 15% clay
 - Ai - Yellow, high base status, usually < 15% clay
 - Duplex Soils Dominant**
 - Db - B horizons not red
 - Miscellaneous Land Classes**
 - Ic - Rock with little or no soil

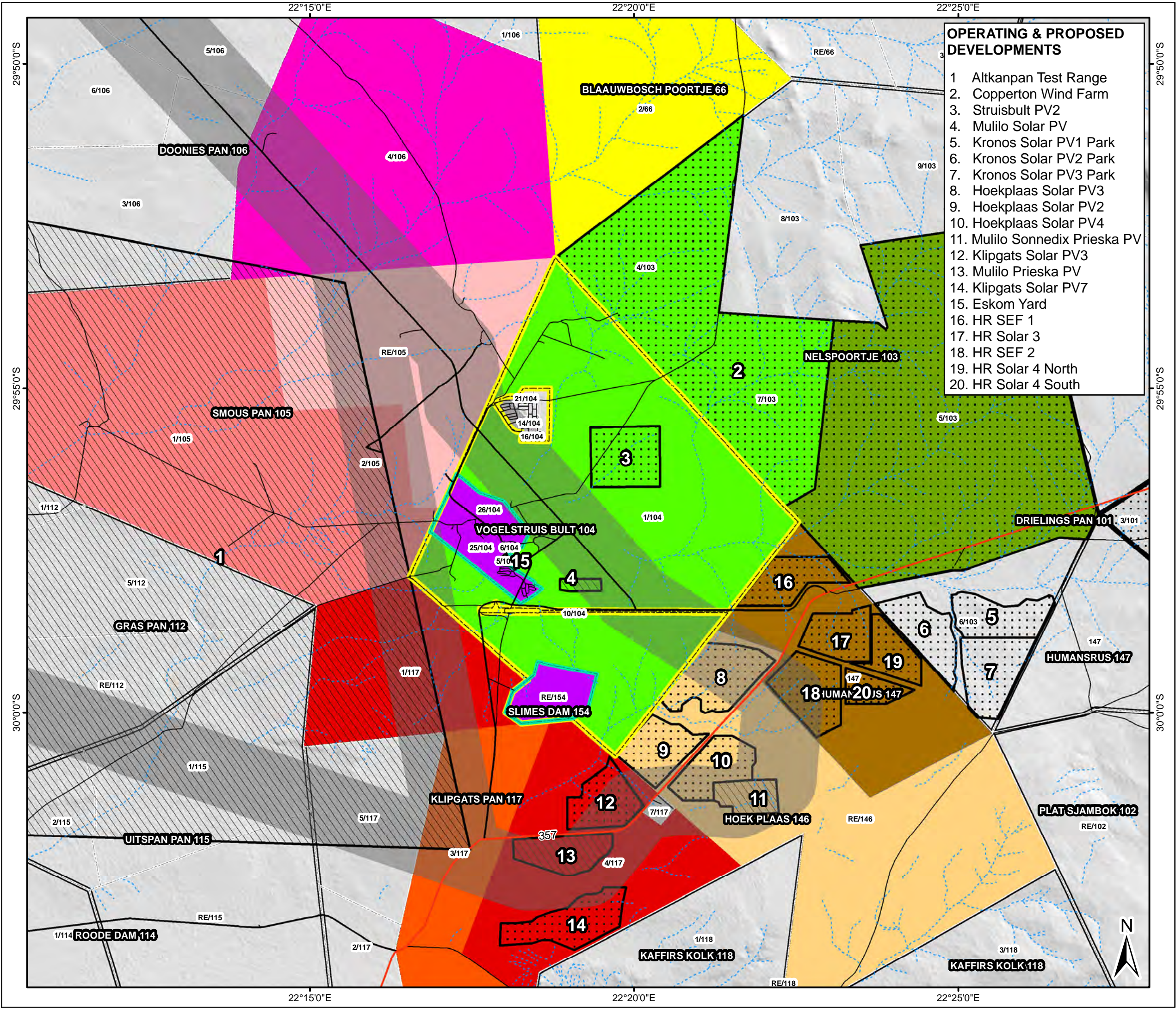
SOILS

0 1 2 4 Kilometers

Reviewed: P. Furniss Environmental Scientist	Drawn by: A Brower GIS Consultant
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	Version: 115-002-11
	Date: 2020/10/27



MAP 8: SURROUNDING LANDOWNERS AND LANDUSERS



- OPERATING & PROPOSED DEVELOPMENTS**
- 1 Altkanpan Test Range
 - 2 Copperton Wind Farm
 - 3 Struisbult PV2
 - 4 Mulilo Solar PV
 - 5 Kronos Solar PV1 Park
 - 6 Kronos Solar PV2 Park
 - 7 Kronos Solar PV3 Park
 - 8 Hoekplaas Solar PV3
 - 9 Hoekplaas Solar PV2
 - 10 Hoekplaas Solar PV4
 - 11 Mulilo Sonnedix Prieska PV
 - 12 Klipgats Solar PV3
 - 13 Mulilo Prieska PV
 - 14 Klipgats Solar PV7
 - 15 Eskom Yard
 - 16 HR SEF 1
 - 17 HR Solar 3
 - 18 HR SEF 2
 - 19 HR Solar 4 North
 - 20 HR Solar 4 South

VARDOCUBE IRRIGATION BAR

Legend

- Towns
- Rivers and Streams
 - Non-Perennial
- Road Network
 - Main Road
 - Secondary Road
 - Other Roads
- PCZM Mining Right Boundary
- Vardocube Mining Right Boundary
- Farm Portion
- Parent Farm
- Operating & Proposed Developments
 - Operating
 - Proposed
 - ESKOM Yard
 - Possible Kronos Powerline Corridors

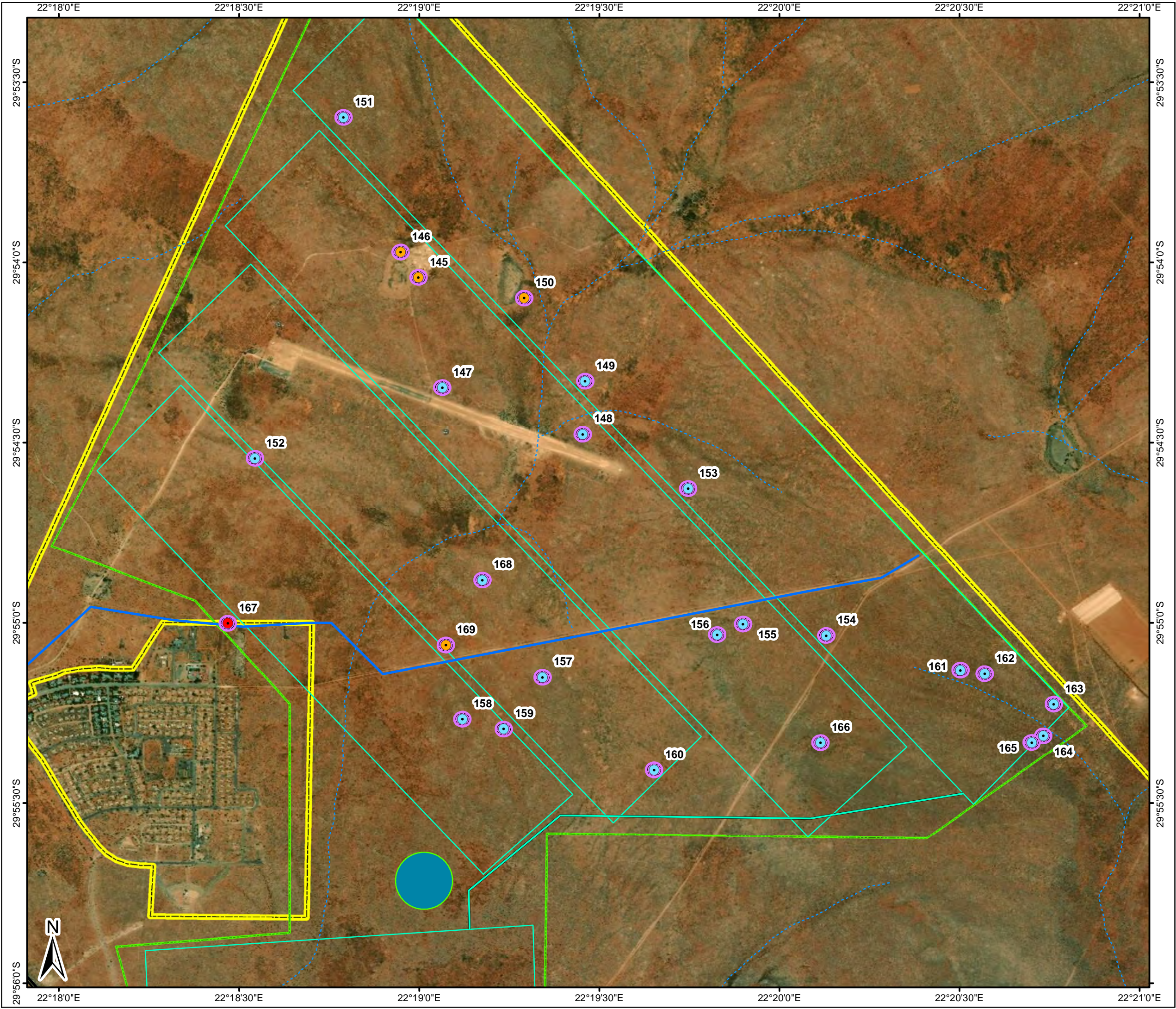
SURROUNDING LANDOWNERS

0 1 2 4 Kilometers

Reviewed: P. Furniss Environmental Scientist	Drawn by: A Brower GIS Consultant
Coordinate System: GCS WGS 1984 Datum: WGS 1984	
Scale: 1:100 000	
Version: 115-002-13	
Date: 2020/10/27	



MAP 9: HERITAGE



VARDOCUBE IRRIGATION BAR

Legend

Field Raiting

- GP A - High
- GP B - Medium
- GP C - Low

Current Layout

- Existing Access Road
- Treated Water Pipeline

Irrigation Layout

- Irrigator Feed Line
- Field Break Tank
- Irrigator Blocks
- Proposed Irrigation area
- Vardocube Mining Right Boundary

VARDOCUBEHERITAGE OBSERVATION SITES

0 0.25 0.5 1 Kilometers

Reviewed: P. Furniss Environmental Scientist	Drawn by: A Brower GIS Consultant
Coordinate System: GCS WGS 1984 Datum: WGS 1984	
	Scale: 1:18 000
	Version: 115-002-27-v2
	Date: 2020/10/27



APPENDIX D: PUBLIC PARTICIPATION MATERIALS

APPENDIX D 1: STAKEHOLDER NOTIFICATION LETTER

NOTICE OF APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION AND THE AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

VARDOCUBE (PTY) LTD, IRRIGATION PROJECT, COPPERTON, SIYATHEMBA LOCAL MUNICIPALITY, NORTHERN CAPE

30 October 2020

Dear Interested or Affected Party

Notification

Notification is hereby given in terms of the National Environmental Management Act 107 of 1998 (amended) of the intent to apply for an Environmental Authorisation (EA) for irrigation activities using treated water removed from underground workings at the Prieska Zinc Copper Mine (PCZM).

In addition, notification is also given that the draft Basic Assessment Report is available for public review and comment until **30 November 2020**.

Project Summary

The Prieska Copper Zinc Mine (PCZM) is situated approximately 3 km south of Copperton and 60 km south-west of the town of Prieska in the Northern Cape Province. The mine falls within the authority of the Siyathemba Local Municipality (Appendix C, MAP 1). The site is accessed via the R357 from Prieska. The mine was owned and operated by Prieska Copper Mine Limited (PCM), a subsidiary of Anglo-Transvaal Consolidated Investment Company Limited (Anglovaal), between 1971 and 1991. The mine operations ceased in 1991 and rehabilitation and closure of the mine was undertaken in accordance with agreements reached with the Department of Mineral and Energy Affairs. A closure certificate was issued by the latter on 19 October 1995. No mining activities have taken place at PCZM since 1991.

Orion Minerals (Orion) through its subsidiary company Prieska Copper Zinc Mine (Pty) Ltd holds a mining Right (NC30/5/1/2/3/2/1/10138 MR) to re-establish operations at the PCZM.

In order to gain access to the ore deposit, approximately 8.7 million m³ of water must be pumped out from the underground mine which has become flooded since its closure approximately 30 years ago. A portion of the underground water will be forced evaporated, while the remaining water will be treated and then irrigated onto a selected area of the adjacent farm (Remaining Extent of Portion 1 of the Farm Vogelstruisbult 104).

Orion, through its subsidiary company Vardocube (Pty) Ltd., is also the holder of a MR (NC30/5/1/2/2/10146 MR) on the Remaining Extent of Portion 1 of the Farm Vogelstruisbult 104.

The existing Vardocube Environmental Authorisation did not consider any surface infrastructure, since mining will only be undertaken underground. The pipelines required for the irrigation of the underground mine water on the Vardocube property triggers new listed activities in terms of Listing Notice 1 and Listing Notice 3 of the Environmental Impact Assessment Regulations (2014) and a Basic Assessment Process is thus required in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA).

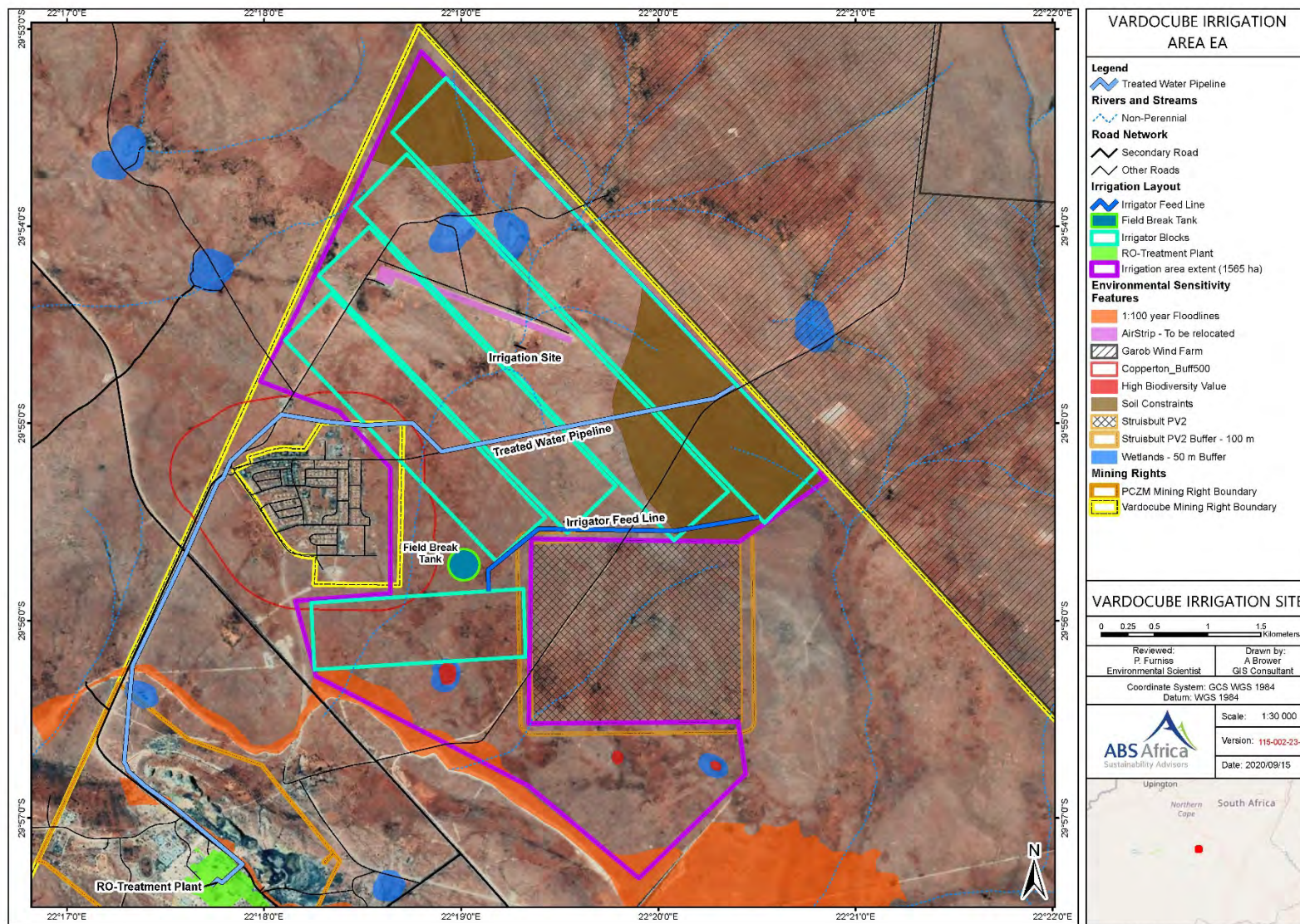


Figure 1: Irrigation Layout map

ABS Africa has been appointed as the Environmental Assessment Practitioner, responsible for undertaking the required BA Process. The Draft BAR has been completed and 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: prieskappp@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

Comments on the Draft BAR are to be submitted to ABS Africa by **30 November 2020**.

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

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 74 797 3333

e-mail: prieskappp@abs-africa.com

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

Encl:

Registration and Comment Sheet

REGISTRATION AND COMMENT SHEET

Should you wish to be registered as an Interested and Affected Party (I&AP) for the Project, please complete your details in the form below and return to prieskapp@abs-africa.com.

Registration as an I&AP will ensure that you will receive further notifications on the status of the applications and that you will be informed of the availability of the Basic Assessment Report for your review and comment.

Please also make use of the form to note any initial queries or comments you may have regarding the applications.

Would you like to be registered as an Interested and Affected Party (I&AP) for the Project			Yes	No
I would like to receive further information regarding the Project via:	Email	Post	Fax	

Name & Surname			
Organisation			
Telephone Number		Fax	
Cell phone Number		Email	
Postal Address			
Comments:			
Please register the following I&APs for the Process:			

KENNISGEWING VAN AANSOEK OM 'N OMGEWINGSMAGTIGING EN DIE BESKIKBAARHEID VAN DIE VOORLOPIGE OMVANGSBEPALINGSVERSLAG

VARDOCUBE (EDMS.) BPK., BESPROEINGS PROJEC, COPPERTON, SIYATHEMBA PLAASLIKE MUNISIPALITEIT, NOORD-KAAP

30 Oktober 2020

Geagte Belanghebbende en Geaffekteerde Party

Kennisgewing

Kennis word hiermee gegee ingevolge die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998 van die beplande aansoek om 'n Omgewingsmagtiging vir aktiwiteite geassosieer met die Besproeiings projek. Laasgenoemde poog om 'n besproeiings sisteem te vestig deur gebruik te maak van behandelde water verwyder uit die ondergrondse werke by die historiese Prieska Sink-Kopermyn Koper (PCZM).

Kennis word hiermee ook gegee van die beskikbaarheid van die voorlopige Omvangsbepalingsverslag (OBV) wat beskikbaar sal wees vir publieke hersiening en insette tot en met **30 November 2020**.

Projek Beskrywing

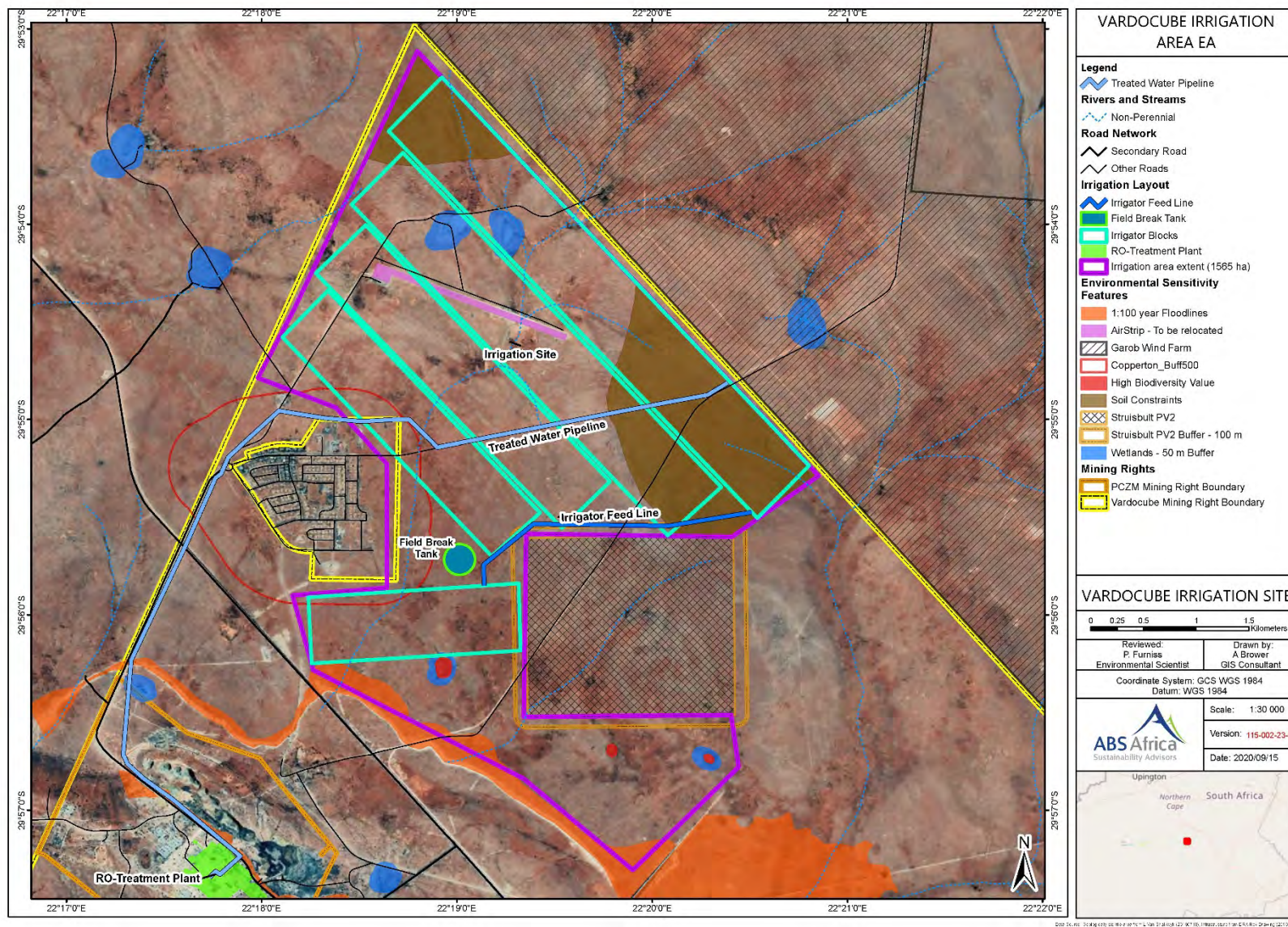
Die Prieska Koper-Sink myn (PCZM) is geleë omtrent 3 km suid van Copperton en 60 km suid-wes van die dorp Prieska, in die Noord Kaap Provinsie. Die myn val onder die gesag van die Siyathema Plaaslike Munisipaliteit. Die area word bereik via die R357 vanaf Prieska. Die myn word besit en bestuur deur Prieska Kopermyn Beperk (PCM). 'n Die mynwerke is gestaak in 1991 en rehabilitasie en sluiting van die myn was onderneem in ooreenstemming met die ooreenkomste met die Departement van Minerale en Energiesake. Laasgenoemde het 'n sluitingsertifikaat uitgereik op 19 Oktober 1995. Geen mynaktiwiteite het sedert 1991 by PCZM plaagevind nie.

'n Mynreg (NC30/5/1/2/3/2/1/10138 MR), is verleen om werksaamhede by PCZM te hervestig.

Om toegang tot die ertsafsetting te verkry, moet om en by 8.7 miljoen kubieke meter water uit die ondergrondse myn uitgepomp word. 'n Gedeelte van die water sal deur gedwonge verdamping verdamp word, die res van die oortollige water sal behandel word en daarna besproei word op 'n geselekteerde area van die aangrensende plaas (Restant van gedeelte 1 van die plaas Vogelstruisbult 104).

Vardocube (Edms.) Bpk., die houer van 'n mynreg (NC30/5/1/2/2/10146 MR) oor Restant van gedeelte 1 van die plaas Vogelstruisbult 104.

Die bestaande Vardocube-omgewingsmagtiging het geen oppervlakinfrastruktuur in ag geneem nie aangesien die mynbou slegs ondergronds plaas sal vind. Die voorgestelde aktiwiteite het betrekking tot gelyste aktiwiteitewat geïdentifiseer is in Noteringskennisgewing 1 en Noteringskennisgewing 3 van die Omgewing Impak Bepallings (OIB)-regulasies, 2014. Gevolglik moet 'n Omvangsbepaling Proses op die aansoek vir omgewingsmagtiging toegepas word.



Figuur 1: Besproeiing Uitleg

ABS Africa (Pty) Ltd (ABS Africa) is aangestel as onafhanklike omgewingsbepalingspraktisyn om die Omvangsbepaling Proses te onderneem. Die voorlopige omvangsbepalingsverslag is voltooi en beskikbaar vir 'n 30 dae publieke hersiening en kommentaar periode. Die dokument kan as volg verkry word:

- ➔ Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- ➔ Via e-pos: prieskapppp@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
 - Orion Minerals Kantore, Loots Boulevard, Prieska

Insette en kommentaar rakende die voorlopige Omvangsbepalingsverslag moet ABS Africa asb. bereik voor of op **30 November 2020**.

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

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 74 797 3333

e-pos: prieskapppp@abs-africa.com

Pos adres: PO Box to 14003, Vorna Valley, 1686

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 vir u hersiening en insette.

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:			

APPENDIX D 2: ADVERT



NOORDWESTER UITGEWERS

Drukkers van Naam op Calvinia
TEL. 027 341 1026
FAKS 027 341 1686
E-pos:
noordwester@hantam.co.za

SONONDER RIT

DEELNEMERS aan vanjaar se drie dag lange De Hoop Vlei bergfiets roete sal die vorm van 'n begeleide rit aanneem. Dit begin met 'n rit teen sononder op 20 November 2020. – Foto: Jacques Marais.

NOORDWESTER UITGEWERS

Drukkers van Naam op Calvinia
TEL. 027 341 1026
FAKS 027 341 1686
E-pos:
noordwester@hantam.co.za

SIYATHEMBA MUNICIPALITY

INTERNAL AND EXTERNAL ADVERTISEMENT

The Siyathemba Municipality is an equal opportunity representative employer. The Municipality invites applicants with the necessary qualifications for the following opportunities within the Department of Corporate Services at the central office in Prieska.

ADMINISTRATIVE OFFICER (1 Post) DEPARTMENT - CORPORATE SERVICE

JOB REQUIREMENTS

- * NQF Level 6
- * Negotiation skills
- * Minutes taking skills
- * Communication skills

RESPONSIBILITIES

- * Monitoring housekeeping by checking if standard are achieved and services are delivered according to requirements
- * Responsible for compilation of all agenda, minutes and relevant administration of Council and its committees
- * Overall control of the operational activities of the Administration Support and Housing Services: Central Registry / Archiving, Committee / Secretariat Services, Switchboard / Reception, Office Cleaning / Halls, Human Resources, notices, general administration and customer care coordination
- * Making recommendations to supervisors in terms of changes to current services delivery or need for new services
- * Communicating with organisations, bodies, communities and colleagues regarding the decisions of Council
- * Overseeing the distribution of agenda and minutes as well as notices to councillors regarding various meetings, workshops and all activities in respect of which councillors received invitations, in good time
- * Providing inputs in terms of administrative evaluation of tenders and recommending preferred services provider
- * Ensure all Council tender are opened in the presence of Councillors and / or officials of the relevant Directorate
- * Ensuring that the Registry performs in terms of the Archives act • Ensure that security system are provided and the service provider complies with contractual obligations
- * Provide internal and external newsletters and municipal web page by ensuring contacts from the various departments are identified and able to assist with provision of articles by means of e-mail
- * Collect articles and edit them for appropriateness. Write articles. Ensure all articles are saved to disc in word format by means of Computer
- * Ensuring that Human Resource Work Plan is developed
- * The post incumbent draft HR policies and recommend adoption by Council, such as recruitment and selection, organizational structuring, transfers and corrective measure to be implemented
- * Statistical information with regard to race, gender and disability profile of the entire workforce for purposes of Employment Equity Plan and implementation is generated

SALARY

- * T-Scale12

Closing date: 10 November 2020 @ 12:00

ENQUIRIES: Mr IJW Stadhouders, Telephone number 053 492 3396

Letter of application, accompanied by full CV and certified copies of qualification, certificates, ID and valid driver's license must be forwarded to the Municipal Manager, Siyathemba Municipality, P.O. Box 16, PRIESKA 8940

- * Fraudulent qualification or documentation, including driver's licenses, will immediately disqualify applicant.
- * Siyathemba Municipality has a firm commitment to the advancement of the previously disadvantaged, including women and disabled.
- * Convassing will immediately disqualify candidates from appointment
- * If no notification regarding this advertisement has been received within three months of the closing date, please assume that the application was unsuccessful.
- * Correspondence will be limited to short listed candidates. • The Municipality reserves the right not to make any appointment.

Note: No faxed or e-mail applications will be considered.

NOTICE NR: 20/2020

Municipal Office

Victoria Street

Box 16 PRIESKA 8940

DATE: 27/10/2020

MUNICIPAL MANAGER
IJW STADHOUDERS

KAAPSTAD — Onbeskermde erwe kom nog voor in Suid-Afrika maar meeste eienaars besef dat hul eiendomme liewer omheining moet wees.

Mure en pallisades, dikwels versterk met elektrisiteit en ander veiligheidsstelsels is die algemeenste.

Komplekse word ook algemeen beskerm deur 'n elektrisiteit heining. Dit is die eienaars se eerste linie van verdediging teen kriminele.

Charnel Hattingsh van Fidelity ADT beveel aan dat eienaars moet onthou dat kriminele brutaal en vasberade is. Ons weet hul het verskeie maniere om deur elektrisiteit

VIER LAE OM VEILIG TE BLY

Dit werk omtrent soos 'n ui se lae

heining en ander sekuriteitsstelsels te kom.

Behoorlike heining is tog die diewe af en hul beweeg dan eerder na 'n volgende en makliker teiken.

Sy sê daar is drie dinge wat elektrisiteit heining kweesbaar en maklik deurdringbaar maak.

* Die eienaars dink die heining is geëlektrifiseer terwyl dit in werklikheid nie is nie

* Die heining se alarm werk nie

* Die heining is nie verbind met 'n verantwoordelike reaksie maatskappy nie

Om seker te maak die heining is aangeskakel en kan maksimum veiligheid waarborg moet eienaars:

* Gereeld seker maak die heining is aangeskakel, veral tydens beurtkrag.

* Die bystand batterye moet ook gereeld getoets word sodat dit kan werk wanneer die krag af is.

* Blare en takke moet gesnede word sodat dit nie raak aan die heining en die alarm onnodig aktiveer nie. Takke wat oor die heining hang gee ook maklike toegang vir inbrekers.

* Maak van die begin gebruik van 'n betroubare maatskappy en koppel dit aan 'n reaksie eenheid wat dadelik kan kom wanneer die alarm afgaan.

* Die heining moet gesoneer word sodat die reaksie eenheid dadelik kan sien waar ingebreek is en waar die kriminele waarskynlik nog skuil.

Behoorlike tuis sekuriteit is soos die lae van 'n ui waarvan die eerste laag die heining is en die tweede sekuriteit stelsels soos sensor ligte. Die derde laag is goeie hekke, slotte en diewering en die vierde laag 'n alarmstelsel en panieknoppie.

As al die lae in plek is behoort 'n gesin veilig in hul woning te wees, veral as hul ook goeie sekuriteits gewoontes toepas.

25 Jaar gelede

NOORDWESTER: 1 Desember 1995. Calvinia Sakekamer het pas van mnr. Maans Nel LP uit Kaapstad vernem dat na sy jarelange stryd 'n padteken wat na Calvinia wys binnekort by die Vanrhynsdorp-afrif van die N7 aangebring gaan word. Instruksies om die padteken te laat oprig is reeds aan die padinspekteur op Ceres deurgegee.

Dr. Wim Gericke Ortopediese Chirurg

van die Paarl, besoek Calvinia gereeld om pasiënte met ortopediese probleme te sien. Dr. Gericke hanteer graag alle probleme met gewigte.

Die volgende besoek is Calvinia 5 November 2020

Afsprake: 021 872 1000 / 021 872 1408 / 082 610 9967
Paarl Mediese Sentrum, Kamer 11 Prak nr: 2805200

KENNISGEWING RAKENDE DIE AANSOEK OM 'N OMGEWINGSMAGTIGING EN DIE BESKIKBAARHEID VAN DIE VOORLOPIGE OMVANGSBEPALINGSVERSLAG

Vardocube (Edms) Bpk, Besproeiing Projek, Copperton, Siyathemba Plaaslike Munisipaliteit, Noord Kaap Kennisgewing en Projek Beskrywing

Kennis word hiermee gegee ingevolge die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), van die aansoek om 'n Omgewingsmagtiging vir besproeiingsaktiwiteite deur gebruik te maak van behandelde water wat uit die ondergrondse water van die historiese Prieska Sink-Kopermyn (PCZM) verwyder. Orion Minerals (Orion) het via sy filiaal maatskappy Prieska Copper Zinc Mine (Pty) Ltd 'n mynreg (NC30 / 5/12/3/21/10138 MR) om die werksaamhede by die PCZM te hervestig.

Om toegang tot die erfsaaiing te verkry, moet om en by 8.7 miljoen m³ water uit die ondergrondse myn uitgepomp word. 'n Gedeelte van die water sal deur gedwonge verdamping verdamp word terwyl oortolige water behandel en daarna besproei word op 'n geselekteerde area van die aangrensende plaas (Restant van Gedeelte 1 van die plaas Vogelstruisbult 104).

Kennis word hiermee ook gegee van die beskikbaarheid van die voorlopige Omgevingsbepalingsverslag (OBV) wat beskikbaar sal wees vir publieke hersiening en insette tot en met 30ste November 2020.

Omvangsbepaling Proses

Die voorgestelde aktiwiteite het betrekking tot geïdentifiseer wat geïdentifiseer is in Noteringskennisgewing 1 en Noteringskennisgewing 3 van die Omgewing Impak Bepalings (OIB)-regulasies, 2014. Gevolglik moet 'n Omgevingsbepaling Proses op die aansoek vir omgewingsmagtiging toegepas word. ABS Africa (Pty) Ltd (ABS Africa) is aangestel as onafhanklike omgevingsbepalingspraktisyn om die Omgevingsbepaling Proses te onderneem.

Die Voorlopige Omgevingsbepalingverslag is voltooi en is beskikbaar vir 'n kommentaarperiode van 30 dae en kan soos volg bereik word:

- * Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- * Via e-pos: priesskapp@abs-africa.com
- * Kopieë van die dokument kan ook by die volgende plekke besigtig word:
 - o Orion Minerals Werf Kantore, Copperton
 - o Prieska Munisipale Biblioteek, Stewartstraat, Prieska
 - o Orion Minerals Kantore, Loots Boulevard, Prieska

Insette en kommentaar rakende die voorlopige Omgevingsbepalingsverslag moet ABS Africa asb. bereik voor of op 30 November 2020.

Om te registreer as 'n Belangstellende en Geïnteresseerde Partye (B&GP) om tot verdere inligting te bekom, kontak asb. die onderstaande onafhanklike omgevingsbepalingspraktisyn:

Me. Chané Pretorius
ABS Africa (Pty) Ltd
Tel: +27 74 797 3333
Posbus: 14003, Vorna Valley, 1686
E-pos: priesskapp@abs-africa.com



APPENDIX D 3: SITE NOTICE

NOTICE OF APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION AND THE AVAILABILITY OF THE DRAFT BASIC ASSESSMENT REPORT

Vardocube (Pty) Ltd, Irrigation Project, Copperton, Siyathemba Local Municipality, Northern Cape

Notification and Project Summary

Notification is hereby given in terms of the National Environmental Management Act 107 of 1998 of intent to apply for an Environmental Authorisation (EA) for irrigation activities using treated water removed from underground workings from the historical Prieska Zinc Copper Mine (PZCM). Orion Minerals (Orion) through its subsidiary company Prieska Copper Zinc Mine (Pty) Ltd holds a mining Right (NC30/5/1/2/3/2/1/10138 MR) to re-establish operations at the PCZM.

In order to gain access to the ore deposit, approximately 8.7 million m³ of water must be pumped out from the underground mine which has become flooded since its closure approximately 30 years ago. A portion of the underground water will be forced evaporated, while excess water will be treated and then irrigated onto a selected area of the adjacent farm (Remaining Extent of Portion 1 of the Farm Vogelstruisbult 104).

In addition, notification is also given that the draft Basic Assessment Report is available for public review and comment until **30 November 2020**.

Basic Assessment Process

The proposed listed activities identified in Listing Notice 1 and Listing Notice 3 of the EIA Regulations, 2014. Accordingly, a Basic Assessment (BA) Process must be applied to the application for EA. ABS Africa has been appointed as the Environmental Assessment Practitioner, responsible for undertaking the required BA Process.

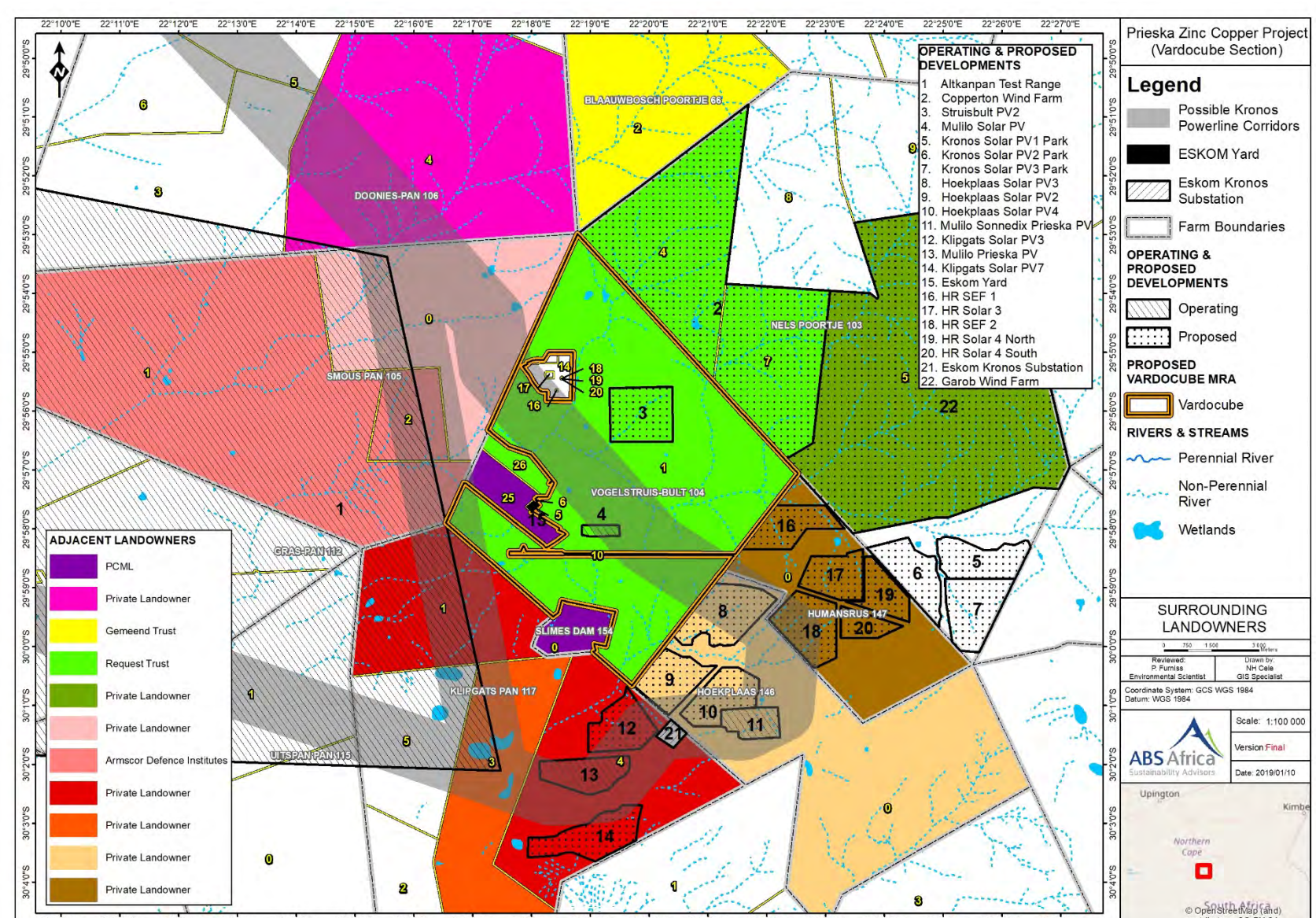
The Draft BAR has been completed and is available for a 30-day commenting period and may be accessed as follows:

- 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:
 - Orion Minerals Site Office, Copperton
 - Prieska Municipal Library, Stewart Street, Prieska
 - Orion Minerals Office, Loots Boulevard, Prieska

Comments on the Draft BAR are to be submitted to ABS Africa by **30 November 2020**.

Should you have any queries or wish to register as an Interested and Affected Party (I&AP), please contact the undersigned.

Ms. Chané Pretorius
ABS Africa (Pty) Ltd
Tel: +27 74 797 3333
PO Box to 14003, Vorna Valley, 1686
Email: prieskapp@abs-africa.com
Date of Placement: 29 October 2020



KENNISGEWING RAKENDE DIE AANSOEK OM 'N OMGEWINGSMAGTIGING EN DIE BESKIKBAARHEID VAN DIE VOORLOPIGE OMVANGSBEPALINGSVERSLAG

Vardocube (Edms) Bpk, Besproeiing Projek, Copperton, Siyathemba Plaaslike Munisipaliteit, Noord Kaap

Kennisgewing en Projek Beskrywing

Kennis word hiermee gegee ingevolge die Nasionale Omgewingsbestuur Wet (NOBW), (Wet 107 van 1998), van die aansoek om 'n Omgewingsmagtiging vir besproeiingsaktiwiteite deur gebruik te maak van behandelde water wat uit die ondergrondse werk van die historiese Prieska Sink-Kopermyn (PCZM) verwyder. Orion Minerals (Orion) het via sy filiaalmaatskappy Prieska Copper Zinc Mine (Pty) Ltd 'n mynreg (NC30 / 5/1/2/3/2/1/10138 MR) om die werksaamhede by die PCZM te hervestig..

Om toegang tot die ertsafsetting te verkry, moet om en by 8.7 miljoen m³ water uit die ondergrondse myn uitgepomp word. 'n Gedeelte van die water sal deur gedwonge verdamping verdamp word terwyl oortollige water behandel en daarna besproei word op 'n geselekteerde area van die aangrensende plaas (Restant van Gedeelte 1 van die plaas Vogelstruisbult 104)..

Kennis word hiermee ook gegee van die beskikbaarheid van die voorlopige Omgewingsbepalingsverslag (OBV) wat beskikbaar sal wees vir publieke hersiening en insette tot en met **30 November 2020**.

Omvangsbepaling Proses

Die voorgestelde aktiwiteite het betrekking tot gelyste aktiwiteite wat geïdentifiseer is in Noteringskennisgewing 1 en Notwingskennisgewing 3 van die die Omgewing Impak Bepallings (OIB)-regulasies, 2014. Gevolglik moet 'n Omvangsbepaling Proses op die aansoek vir omgewingsmagtiging toegepas word. ABS Africa (Pty) Ltd (ABS Africa) is aangestel as onafhanklike omgewingsbepalingspraktisyn om die Omvangsbepaling Proses te onderneem.

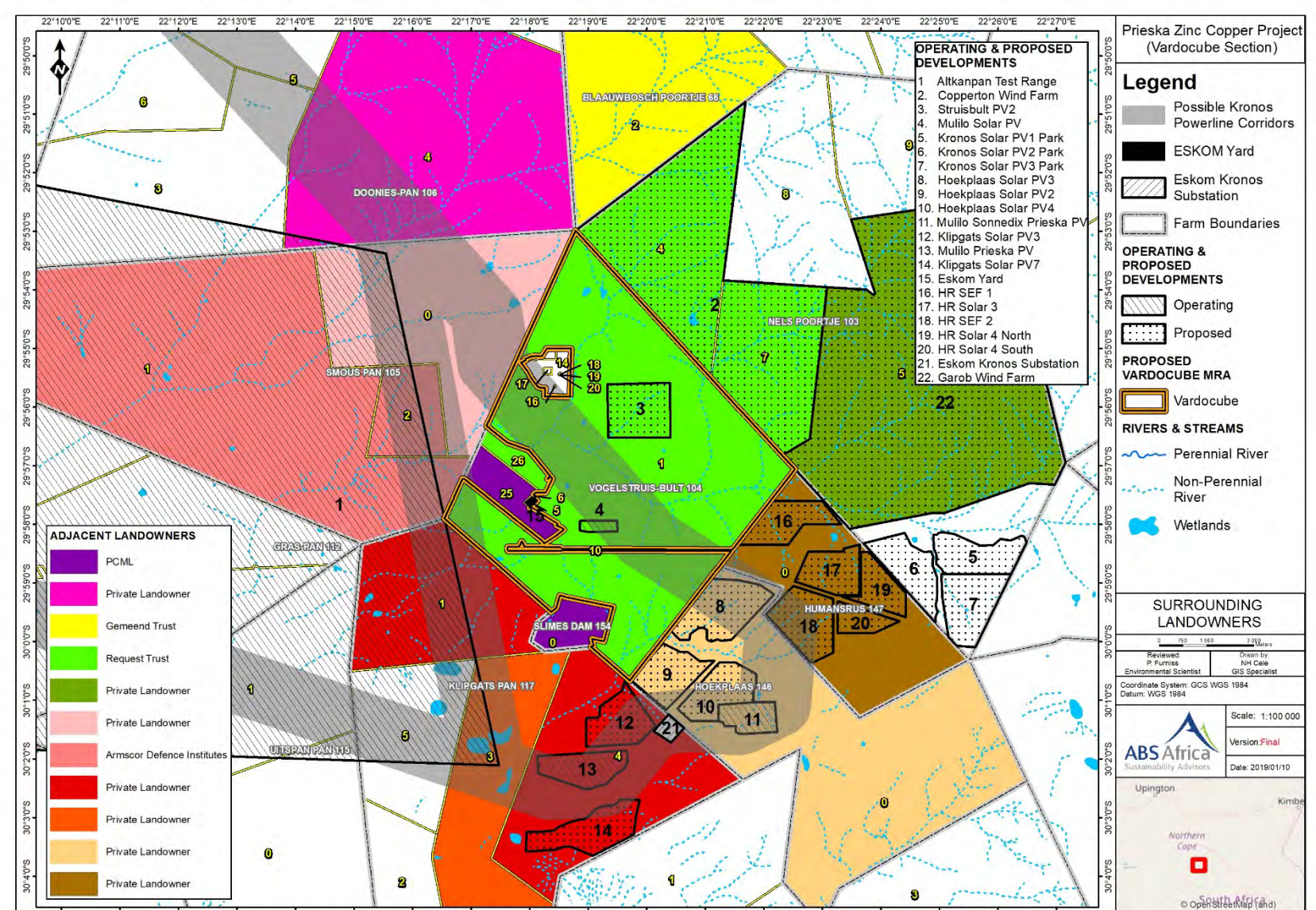
Die Voorlopige omvangsbepalingsverslag is voltooi en is beskikbaar vir 'n kommentaarperiode van 30 dae en kan soos volg bereik word:

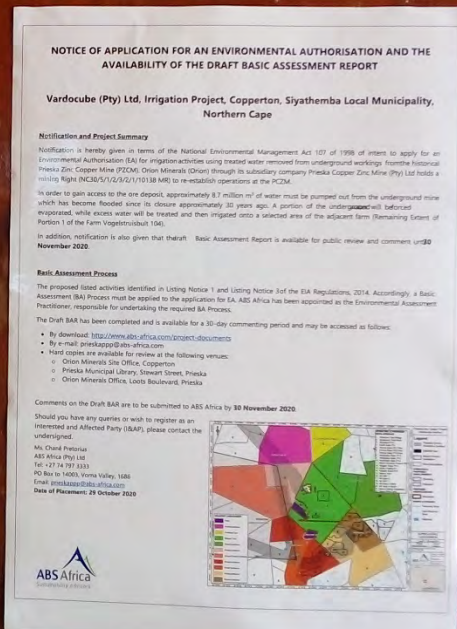
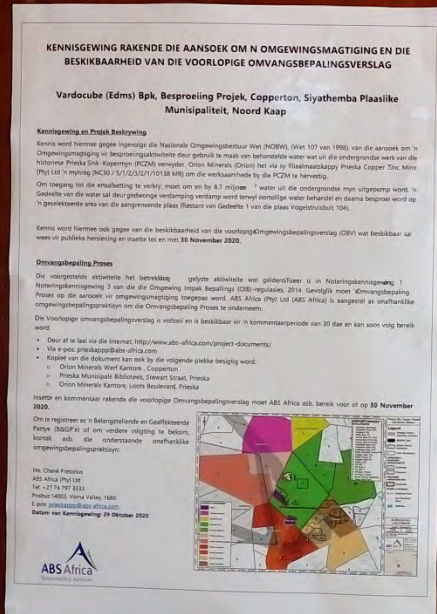
- Deur af te laai via die internet: <http://www.abs-africa.com/project-documents/>
- Via e-pos: prieskapp@abs-africa.com
- Kopieë van die dokument kan ook by die volgende plekke besigtig word:
 - Orion Minerals Werf Kantore , Copperton
 - Prieska Munisipale Biblioteek, Stewart Straat, Prieska
 - Orion Minerals Kantore, Loots Boulevard, Prieska

Insette en kommentaar rakende die voorlopige Omvangsbepalingsverslag moet ABS Africa asb. bereik voor of op **30 November 2020**.

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

Me. Chané Pretorius
ABS Africa (Pty) Ltd
Tel: +27 74 797 3333
Posbus:14003, Vorna Valley, 1686
E-pos: prieskapp@abs-africa.com
Datum van Kennisgewing: 29 Oktober 2020





SITE NOTICES PLACED AT THE PRIESKA LIBRARY



SITE NOTICES PLACED AT THE AT THE ORION OFFICE IN PRIESKA



SITE NOTICE PLACED OUTSIDE OF PRIESKA TUCK SHOP



SITE NOTICE PLACED ON THE R357 FROM PRIESKA



SITE NOTICE PLACED AT THE COPPERTON ENTRANCE GATE

APPENDIX D 4: COMMENTS AND RESPONSE REPORT

INTERESTED AND AFFECTED PARTIES LIST THE NAMES OF PERSONS CONSULTED IN THIS COLUMN; AND MARK WITH AN X WHERE THOSE WHO MUST BE CONSULTED WERE IN FACT CONSULTED		DATE COMMENTS RECEIVED	ISSUES RAISED	EAPS RESPONSE TO THE ISSUES RAISED
AFFECTED PARTIES				
Landowner/s (Owners of land included in the Mining Rights Area Boundary)	X			
No comments received.				
Occupiers of the Site (Parties using land within the Mining Rights Area Boundary)	X			
No comments received.				
Adjacent Landowners (Owners of land immediately adjacent to the Mining Rights Area Boundary)	X			
Carlen Coen on behalf of Jemima Bernard		11 November 2020	An electronic registration and comment form was received from Jemima Bernard to be registered as an I&AP.	Thank you for the completed registration and comment form. We hereby confirm that Jemima Bernard has been registered as an Interested and Affected Party for the Vardocube Irrigation Area Project.
Adjacent Occupiers of Site (Occupiers and users of land)	X			

immediately adjacent to the Mining Rights Area Boundary)				
No comments received.				
Competent Authorities	X			
SAHRA comments		25 November 2020	<p>The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPr:</p> <ul style="list-style-type: none"> 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development; 38(4)b – The recommendations of the specialists are supported and must be adhered to. <p>Further additional specific conditions are provided for the development as follows:</p> <ul style="list-style-type: none"> No construction or operational activities may occur within 30 m of the Blombospan and Valspan and Waypoint 169; If it will not be possible to avoid impacts to Blombospan and Valspan and Waypoint 169, these areas must be mitigated through archaeological excavation and sampling prior to construction commencing. A permit in terms of section 35 of the NHRA and Chapter II and III of the NHRA Regulations must be applied for from SAHRA prior to the construction phase. No 	The comments have been noted and the conditions incorporated in the EMPr (Part B), Section 21 and 23.2.1.

			<p>construction or related activities may occur without a permit from SAHRA in this regard;</p> <ul style="list-style-type: none"> Monitoring reports by the ECO regarding sheet erosion impacts on Blombospan and Valspan must be submitted every 6 months to SAHRA inclusive of photographs. Dependant on the results of these reports, SAHRA may request mitigation measures to be implemented at these sites; 38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule; 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule; 38(4)d – See section 51(1) of the NHRA; 	
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			<p>38(4)e – The following conditions apply with regards to the appointment of specialists:</p> <ul style="list-style-type: none"> • If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA; • The Final BAR and EMPr must be submitted to SAHRA for record purposes; • The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application. 	
Municipal Councillor	X			
Gloria Speelman Siyathemba Local Municipality: Ward 4 Councillor	No comments received.			
Local and District Municipality	X			
H Tsume (Mayor) IWJ Stadhouer (Municipal Manager) J Basson (Infrastructure) Siyathemba Local Municipality	No comments received.			

MT Kibi Pixley ka Seme District Municipality	No comments received.			
Communities	X			
Residents of Copperton were notified through the site and newspaper notices and a hard copy of the Draft Basic Assessment was placed at the Orion Minerals Site Office in Copperton, Prieska Municipal Library and Orion Minerals Office in Prieska				
Department of Land Affairs	X			
Kgotso Moeketsi Provincial Head: NC Department of Agriculture, Land Reform and Rural Development	No comments received.			
Traditional Leaders	N/A			
There is no traditional leadership structure applicable to the Mining Right Application Area.				
Department of Environmental Affairs	X			
Thulani Mthonbeni Dineo Kgosi David Khakhane Bryan Fisher NC Department of Environmental Affairs and Nature Conservation	No comments received.			
Organs of State with Jurisdiction	X			
Cynthia Nkoane	No comment received			

Department of Rural Development and Land Reform				
Other Competent Authorities Affected	X			
No comments received.				
Other Affected Parties	N/A			
No other affected parties identified to date.				
Interested Parties	X			
Tilly Watermeyer Terramanzi		4 November 2020	<p>We (Terramanzi Group) would like to register as an I&AP on behalf of Copperton Wind Farm (an adjacent landowner to the Vardocube property).</p> <p>We have reviewed the Basic Assessment Report (BAR) and have the following queries regarding potential negative impacts generated by the proposed irrigation Project:</p> <p>Air Quality</p> <p>What mitigation measures does the Applicant propose to limit dust generation during the construction phase of the irrigation pipelines?</p> <p>Surface stability</p> <p>Has the potential impact of the proposed dewatering activity (from the Prieska Underground mine) on surface stability conditions been assessed by a Geotechnical Specialist? If there is a significant impact, what mitigation measures are proposed?</p>	<p>We confirm that Terramanzi Group has been registered as an I&AP. We noted the statement that your registration is on behalf of the Copperton Wind Farm.</p> <p>The proposed project is expected to have limited impact on air quality in the area as there is very little land clearance associated with the installation of the irrigation equipment. The following mitigation measures will be implemented:</p> <ul style="list-style-type: none"> • Limiting the speed of construction vehicles; • Reducing the area of construction (reducing the clearance, excavation and material handling areas); and • Apply water for dust suppression on unsurfaced roads when this is necessary.

				Impacts associated with mining and the associated dewatering, including stability concerns, were assessed as part of the environmental authorisation process for the Mining Right Application. The associated EA and MRA were granted in 2019.
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APPENDIX D 5: I&AP DATABASE

LAST NAME	FIRST NAME	ORGANISATION	FARM NAME	FARM PORTION
Landowners (Within the Mining Rights Area Boundary)				
Meyer	Pieter-Mike	Request Trust	Vogelstruisbult 104	1
Occupiers of the Site				
Cullum	John	Struisbult PV 2 (Pty) Ltd.	Vogelstruisbult 104	1
Cullum	John	Mulilo Renewable Energy Solar PV (RF) (Pty) Ltd	Vogelstruisbult 104	1
Tredoux	Henri	Tenant	Vogelstruisbult 104	1
Adjacent Landowners (Copperton and Landowners Surrounding Portion 1 Vogelstruisbult)				
Meyer	Pieter-Mike	Request Trust	Vogelstruisbult 104	25
Jenkins	Michelle	Prieska Copper Mines Ltd	Vogelstruisbult 104	26
Jenkins	Michelle	Prieska Copper Mines Ltd	Slimes Dam 154	0
Van Wyk	Helen Cathren Louise	Gemeend Trust	Blaaubosch Poortjie 66	2
Meyer	Pieter-Mike	Request Trust	Nelspoortjie 103	4
Fourie	Wilhette	Private Landowner	Nelspoortjie 104	5
Fourie	Wilhette	Private Landowner	Nelspoortjie 105	7
Human	Christina Susanna	Private Landowner	Humansrus 147	0

Human	Hendrik Gideon	Private Landowner	Hoekplaas 146	0
Ekkart	Frans	Tenant	Kilpsgats Pan 117	3
Rudolph	Gerhardus Jacobus	Private Landowner	Klipgats Pan 117	3
Bernard	Jemima Josina	Private Landowner	Klipgats Pan 117	4
Bernard	Jemima Josina	Private Landowner	Uitspan Pan 115	1
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105	1
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105	2
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Gras-Pan 112	5
Crafford	Danie	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105 / Gras-Pan 112	
van Zyl	Salmon Jacobus	Private Landowner	Doonies Pan 106	4
Buys	P.J	Private Landowner	Smous Pan 105	2
de Jager	Justina	Agent to the Executor of the Estate of Mr. C.J de Jager	Smous Pan 105	0/Remaining extent
de Jager	Aletta	Trustee	Smous Pan 105	0/Remaining extent
de Jager	Aletta Mrs	Executor of the Estate	Smous Pan 105	0/Remaining extent
Lubbe	FJ	Trustee		0/Remaining extent
Bernard	Jemima Josina	Private Landowner	Klipgats Pan 117	1
Cullum	John	Mulilo Prieska PV (RF) (Pty) Ltd	Klipgats Pan 117	4
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	Vogelstruisbult 104	5
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	Vogelstruisbult 104	6

Meyer	Hester Cecilia	Copperton Development CC	Vogelstruisbult 104	14
Meyer	Hester Cecilia	Interested Party	Vogelstruisbult 104	16
Bekebeke	Justice	Provincial Government of Northern Cape	Vogelstruisbult 104	17
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	18
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	19
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	20
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Vogelstruisbult 104	21
Mathebula	Mantwa	Garob Wind Farm is owned by Enel Green Power		
Hardev	Trenisha	Garob Wind Farm is owned by Enel Green Power		
Bellingham	Christopher	Juwi	Nelspoortjie 103	
Mahlangu	George	Enel Green Power RSA		
Gurgoglione	Matteo	Enel Green Power RSA		
Mathebula	Mantwa	Enel Green Power RSA		
de Jager	Trenisha	Enel Green Power RSA		
Adjacent Occupiers of the Site				
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105	0
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105	2
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Smous Pan 105	1

Cullum	John	Mulilo Sonnedix Prieska PV (RF) (Pty) Ltd	Hoekplaas 146	Lease Area 1
Cullum	John	Hoekplaas Solar PV3 (Pty) Ltd	Hoekplaas 146	0
Cullum	John	Hoekplaas Solar PV2 (Pty) Ltd	Hoekplaas 146	0
Cullum	John	Hoekplaas Solar PV4 (Pty) Ltd	Hoekplaas 146	0
Cullum	John	Klipgats PV3 (Pty) Ltd	Klipgats Pan 117	4
Cullum	John	Klipgats PV7 (Pty) Ltd	Klipgats Pan 117	4
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Klipgats Pan 117	3
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Klipgats Pan 117	3
Nyker	Jasandra	BioTherm Energy (Pty) Ltd	Klipgats Pan 117	3
Cope	Jason	Copperton Wind Farm	Nelspoortjie 103	4
Parra	Rodrigo	Elawan	Nelspoortjie 103	4
van der Westhuizen	Corne	Kronos Solar Farm 1 (Pty) Ltd	Nelspoortjie 103	5
van der Westhuizen	Corne	Kronos Solar Farm 2 (Pty) Ltd	Nelspoortjie 103	5
van der Westhuizen	Corne	Kronos Solar Farm 3 (Pty) Ltd	Nelspoortjie 103	5
Peinke	David	Atlantic Renewable Energy Partners	Humansrus 147	0
Miszczak	Sonia	Atlantic Renewable Energy Partners	Humansrus 147	0

Wolmarans	Johannes	Humansrus Solar Projects / Solek	Humansrus 147	0
Dean	David	Mainstream Renewable Power South Africa	N/A	N/A
Arthur		Alkantpan Test Range - Lodge	N/A	N/A
Loots	Tharina	Alkantpan Test Range - Lodge	N/A	N/A
Hove	William	Rina Consultin Ltd	N/A	N/A
Municipal Councillor				
Speelman	Gloria	Siyathemba Local Municipality: Ward 4 Councillor	N/A	N/A
Local and District Municipality				
Tsume	H	Siyathemba Local Municipality	N/A	N/A
Stadhouer	IWJ	Siyathemba Local Municipality	N/A	N/A
Basson	J	Siyathemba Local Municipality	N/A	N/A
Kibi	MT	Pixley ka Seme District Municipality	N/A	N/A
Organs of State with Jurisdiction				
Kgampe	M	D: Department of Science and Technology	N/A	N/A

Gumbi	N	DD: Department of Science & Technology	N/A	N/A
Nemaungani	T	CD: Department of Science & Technology	N/A	N/A
Sebueng	V	Department of Science and Technology: Admin Officer	N/A	N/A
Mazibuko	B	SKA SA - Spectrum	N/A	N/A
Matlhane	S	SKA SA - Spectrum	N/A	N/A
Monama	T	SKA SA - GIS	N/A	N/A
Mohapi	S	Department of Science & Technology - Legal Services	N/A	N/A
Moonsamy	S	Department of Science & Technology - Legal Services	N/A	N/A
Nape	T	SARAO - Permit Coordinator	N/A	N/A
Sethole	B	SKA SA - Analyst	N/A	N/A
Ndou	Livhuwani	Transnet SOC LTD.		
Monyamane	Ezekiel	Transnet SOC LTD.	N/A	N/A
Reddy	Krishna	Transnet SOC LTD.	N/A	N/A
Papenfus	Norman	Transnet SOC LTD.	N/A	N/A
Hamman	J.N	Provincial Government: Northern Cape	N/A	N/A
Timothy	A	South African Heritage Resource Agency	N/A	N/A
Higgitt	Natasha	South African Heritage Resource Agency	N/A	N/A
Nogwili	K	Northern Cape Department of Transport, Roads & Public Works	N/A	N/A
Abrahams	A	Department of Water & Sanitation: Kimberley	N/A	N/A
Ntoi	Mosala	Department of Water & Sanitation	N/A	N/A

Khutjo	Sekwaila	Department of Water & Sanitation: Northern Cape Region	N/A	N/A
Govender	M	Department of Environmental Affairs	N/A	N/A
Swart	P	Department of Mineral Resources: Northern Cape	N/A	N/A
Shandukani	Patricia	Department of Mineral Resources: Northern Cape	N/A	N/A
Mashau	Humbulani	Department of Mineral Resources: Northern Cape	N/A	N/A
Abrahams	Nicole	SANRAL SOC LTD.	N/A	N/A
Moholo	Sylvia	Department of Public Works: Kimberley	N/A	N/A
Moeketsi	Kgotso	Provincial Head: NC Department of Agriculture, Land Reform and Rural Development	N/A	N/A
Dikeni	T	CEO: Northern Cape Economic Development, Trade and Investment Promotion Agency	N/A	N/A
Lucas	S	Northern Cape Office of the Premier	N/A	N/A
Moleko	D	Northern Cape Provincial Government	N/A	N/A
Ravhugoni	Ntsundeni	Department of Mineral Resources: Northern Cape - Environment	N/A	N/A
Mthonbeni	Thulani	Northern Cape Department of Environmental Affairs and Nature Conservation	N/A	N/A

Kgosi	Dineo	Northern Cape Department of Environmental Affairs and Nature Conservation	N/A	N/A
Moleko	Dineo	Northern Cape Department of Environmental Affairs and Nature Conservation	N/A	N/A
Cloete	Shaun	Department of Water & Sanitation: Kimberley	N/A	N/A
Mahlako	R	Department of Water & Sanitation: Kimberley	N/A	N/A
Dlamini	Bonginkosi	Department of Environmental Affairs - Hazardous Waste Management and Licensing	N/A	N/A
Mahlangu	Lucas	Department of Environmental Affairs - Hazardous Waste Management and Licensing	N/A	N/A
Sefako	Dr Ramotholo	South African Astronomical Observatory	N/A	N/A
Kekana	David	Northern Cape Department of Environmental Affairs and Nature Conservation	N/A	N/A
Ramaboea	Machalla	Department of Mineral Resources: Northern Cape	N/A	N/A
Baulackay	Ruwayda	Department of Roads and Public Works	N/A	N/A
Maarkman	Kennith	Department of Public Works	N/A	N/A
Fisher	B	Northern Cape Department of Environmental Affairs and Nature Conservation	N/A	N/A

Cloete	S	Department of Water and Sanitation, Upington	N/A	N/A
Franks	L	Department of Water and Sanitation	N/A	N/A
Kgaphola	M	Department of Water and Sanitation, Upington	N/A	N/A
Mila	F	Department of Water and Sanitation, Kimberley	N/A	N/A
Msimango	P	Department of Water and Sanitation, Kimberley	N/A	N/A
Sekwaila	K	Department of Water and Sanitation, Kimberley	N/A	N/A
Streuders	K	Department of Water and Sanitation, Kimberley	N/A	N/A
Van Dyk	G	Department of Water and Sanitation, Kimberley	N/A	N/A
Other				
Shamu	Walter	Orion Minerals	N/A	N/A
Birch	Marcus	Orion Minerals	N/A	N/A
Brown	Robyn	Mulilo Renewable Project Developments	N/A	N/A
Liebenberg	Schalk	GWK Group	N/A	N/A
Brooks	Llewellyn	GWK Group	N/A	N/A
Kotze	Juan	GWK Group	N/A	N/A
van Zyl	Wiehann	Solek Renewable Energy Engineers	N/A	N/A
Botha	Simon	Interested Party	N/A	N/A

Dean	David	Mainstream Renewable Power South Africa	N/A	N/A
Misbach	Aniqua	Mainstream Renewable Power South Africa	N/A	N/A
Papier	Piet	Interested Party	N/A	N/A
Potgieter	Izak	Duncan & Rothman Attorneys	N/A	N/A
Steenkamp	Lucas Petrus	Interested Party	N/A	N/A
Diuger	Edward	Boer/ Landboukundige	N/A	N/A
Wessels	D.C	Steenkop Boerdery	N/A	N/A
de Jager	Cornelius Frans	(Azuntie Straat) Independent Homeowner	N/A	N/A
Gainsford	Percy	Prieska Black Business Forum	N/A	N/A
de Jager	Sandra	Interested Party	N/A	N/A
Human	Wynand	Interested Party	N/A	N/A
Human	Johannes	Agri Prieska	N/A	N/A
Dwyer	Dulcken	Agri Prieska	N/A	N/A
Botha	JP	Agri Prieska	N/A	N/A
Hamman	Hano	Interested Party	N/A	N/A
Venturi	Fabio	Terramanzi Group (Copperton Wind Farm - Representative)	N/A	N/A
Summers	Richard	Richards Summers Inc. Attorneys (Copperton Wind Farm - Representative)	N/A	N/A
Low	Karen	Mulilo Renewable Project Developments	N/A	N/A
Plaatjies	George	JFG HOLDINGS		

Watermeyer	Tilly	Terramanzi group (PTY) LTD	N/A	N/A
Bulk Water Pipeline Landowners (Copperton to Prieska)				
Marais	William	Private Landowner	Prieskas Poort 51	unknown
Sandenbergh	Alex	Private Landowner	Prieskas Poort 52	unknown
Steenkamp	Lykkis	Private Landowner	Jakkalswater 68	unknown
W van Staden	Wian	Private Landowner	Prieskas Poort 54	unknown
Van Deventer	PG	Private Landowner	unknown	unknown
B Sandenbergh	Burger	Private Landowner	Prieskas Poort 56	unknown
AL Pretorius	Bertus	Private Landowner	Prieskas Poort 54	unknown
Meyer	Hester Cecilia	Copperton Development CC	Vogelstruisbult 104	14
Orion Gold Mine/Repli Trading No.27 (Pty) Ltd	N/A	N/A	Vogelstruisbult 104	25
Meyer	Pieter-Mike	Request Trust	Nelspoortjie 103	4
Fourie	Wilhette (Pieter)	Private Landowner	Nelspoortjie 104	5
Fourie	Wilhette	Private Landowner	Nelspoortjie 105	7
Human	Christina Susanna	Private Landowner	Humansrus 147	0

Human	Hendrik Gideon	Private Landowner	Hoekplaas 146	0
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	Vogelstruisbult 104	5
Mdunyelwa	Nomzamo	Eskom Holdings SOC LTD	Vogelstruisbult 104	6
Meyer	Hester Cecilia	Copperton Development CC	Vogelstruisbult 104	14
Meyer	Hester Cecilia	Interested Party	Vogelstruisbult 104	16
Bekebeke	Justice	Provincial Government of Northern Cape	Vogelstruisbult 104	17
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	18
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	19
Meyer	Hester Cecilia	Request Trust	Vogelstruisbult 104	20
Matsapola	Phaphedi	Armcor Defence Institutes / Alkantpan Test Range	Vogelstruisbult 104	21
Low	Karen	Mulilo Renewable Project Developments		