



Submitted to: Kuseb Copper Company
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REPORT:

EXPLORATION ACTIVITIES ON EPL 7532

COMPLIANCE REPORT

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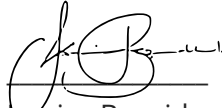
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EXECUTIVE SUMMARY

Kuseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for exclusive prospecting licence (EPL) 7532 for base and rare metals, and precious metals in the Omaheke Region, Namibia. EPL 7532 is currently registered under RT with the Ministry of Mines and Energy (MME).

An environmental management plan (EMP) was compiled and approved for EPL 7532, in line with the approved environmental clearance certificate, which was issued by the Ministry of Environment, Forestry and Tourism (MEFT) on 09 February 2021 (ECC-01223) and expires on 09 February 2024.

No landowner liaison took during the period under review as no field work exploration activities took place. Therefore, no consent agreements (CA) were required to be signed. The only geological work conducted for EPL 7532 included early cursory roadside geology, and in-depth desktop interpretation of geophysical data.

No non-conformances or complaints were recorded during the period under review.

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ABBREVIATIONS

Abbreviation	Description
AEM	airborne electromagnetic
CA	consent agreement
ECC	Environmental Compliance Consultancy
e.g.	for example
EMP	environmental management plan
EPL	exclusive prospecting licence
etc.	et cetera
GPS	global positioning system
I&APs	interested and affected parties
JV	joint venture
km	kilometre
km/h	kilometre per hour
KCC	Kuiseb Copper Company (Pty) Ltd
L	litre
m	metre
MEFT	Ministry of the Environment, Forestry and Tourism
MME	Ministry of Mines and Energy
MSDS	material safety data sheets
No.	number
RES	Remote Exploration Services
RT	Rio Tinto Mining and Exploration Ltd
SOP	standard operating procedure

1 INTRODUCTION

1.1 BACKGROUND INFORMATION

Kuisseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for exclusive prospecting licence (EPL) 7532 for base and rare metals, and precious metals in the Omaheke Region, Namibia. EPL 7532 is currently registered under RT with the Ministry of Mines and Energy (MME).

Exploration is a listed activity in terms of the Environmental Management Act, No.7 of 2007, and associated Regulations (2012). An environmental management plan (EMP) was compiled and approved for EPL 7532 (Appendix A) in line with the approved environmental clearance certificate, which was issued by the Ministry of Environment, Forestry and Tourism (MEFT) on 09 February 2021 (ECC-01223) (Appendix B) and expires on 09 February 2024. Additionally, a separate standalone environmental clearance certificate was issued for airborne electromagnetic (AEM) surveys over EPL 7532. The conditions and commitments of these documents must be adhered to during all exploration activities.

Figure 1 provides a locality map of EPL 7532, in relation to existing towns and major roadways. EPL 7532 is located south of the town of Gobabis, in the Omaheke Region.

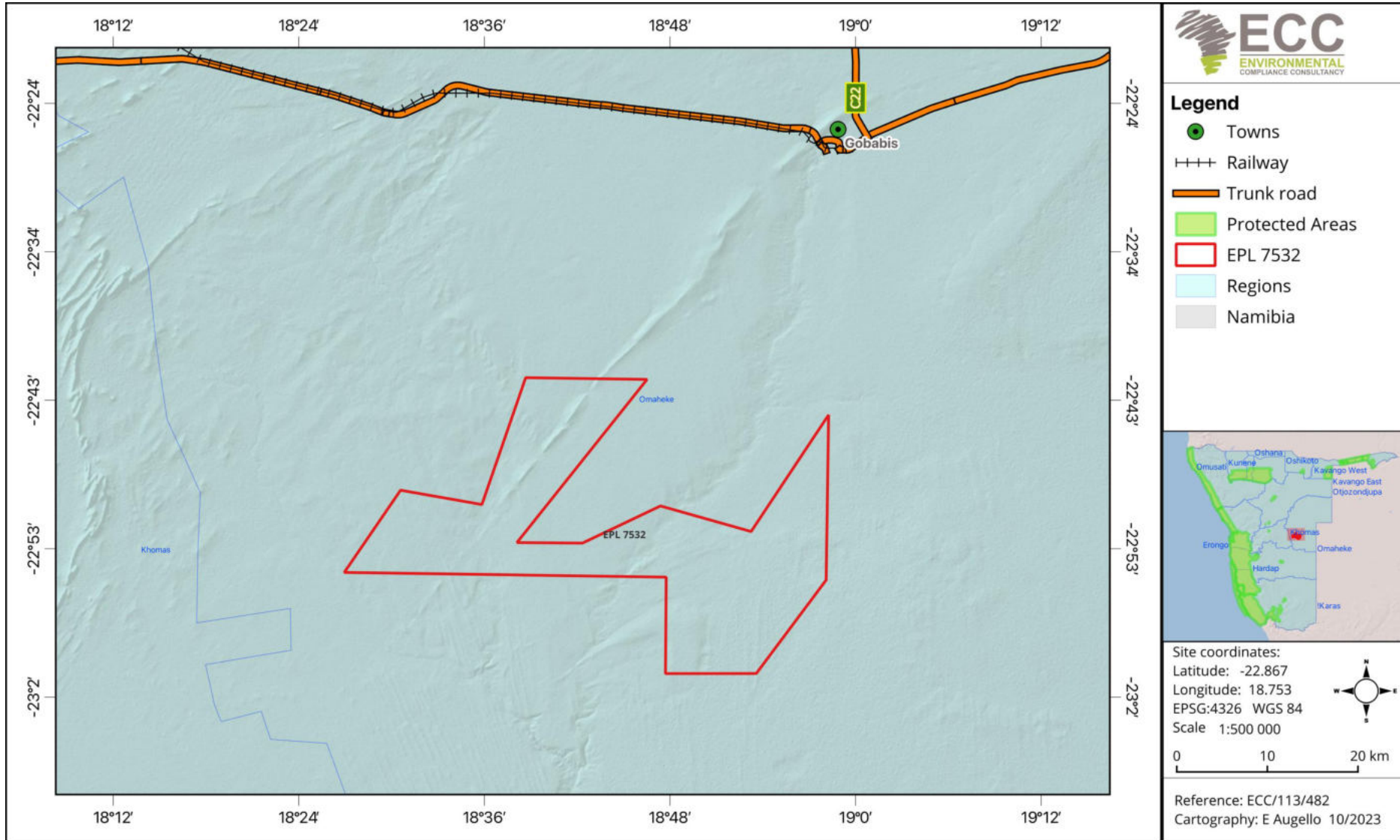


Figure 1 - Site locality map for EPL 7532

1.2 PURPOSE OF THIS DOCUMENT

Environmental Compliance Consultancy (ECC) has been engaged by the KCC, on behalf of RT, to prepare the application to renew the environmental clearance certificate for EPL 7532. The Proponent currently holds a valid environmental clearance certificate for exploration activities on EPL 7532, for which a renewal is being applied. As part of this application, an environmental compliance desktop audit has been undertaken to determine the status of compliance with the EMP. Past physical audits, reported on in previous bi-annual reports, also form the basis for review of compliance with EMP requirements.

1.3 PROPONENT DETAILS

Kuiseb Copper Company (Pty) Ltd is a Namibian company in a joint venture with Rio Tinto Mining and Exploration Ltd, which is a global company. The exploration program is managed by Remote Exploration Services (RES), a South African company also registered in Namibia, Remote Exploration Services External Branch Namibia (Pty) Ltd. The Proponent’s details are set out in Table 1.

Table 1 - Proponent details

Contact	Postal Address	Email Address	Telephone
Kuiseb Copper Company (Pty) Ltd	P O Box 2055 Swakopmund Namibia	branko@iafrica.com.na	+264 81 124 6757
Remote Exploration Services	P O Box 97401 Maerua Mall Windhoek Namibia	stephan@res.co.za	+264 81 274 3848

1.4 ENVIRONMENTAL ASSESSMENT PRACTITIONER

Environmental Compliance Consultancy (ECC) (Reg. No. 2022/0593) has prepared this renewal report and on behalf of the Proponent.

This report has been authored by employees of ECC, who have no material interest in the outcome of this report, nor do any of the ECC team have any interest that could be reasonably regarded as being capable of affecting their independence in the preparation of this report. ECC is independent from the proponent and has no vested or financial interest in the project, except for fair remuneration for professional fees rendered based upon agreed commercial rates. Payment of these fees is in no way contingent on the results of this report or the assessment, or a record of decision issued by Government. No member or employee of ECC is, or is intending to be, a director, officer, or any other direct employee of The Proponent. No member or employee of ECC has, or has had, any shareholding in the Proponent.

All compliance and regulatory requirements regarding this report should be forwarded by email or posted to the following address:

Environmental Compliance Consultancy
PO Box 91193, Klein Windhoek, Namibia
Tel: +264 81 669 7608
Email: info@eccenvironmental.com

1.5 LANDOWNER LIAISON

Contact and relationship management of landowners was undertaken by Kuiseb Copper Company management during the period under review. Remote Exploration Services and/or KCC conducted these engagements where required. However, as no fieldwork was conducted specifically for EPL 7532, this was not required for this EPL.

A successful resettlement community meeting was held on site on the farm Versailles (No. 67), located on joint venture (JV) EPL 7730, whereby the Proponent described KCC's various planned activities, including the airborne electromagnetic (AEM) survey and proposed follow-up field work, to the community.

Figure 2 provides the locality map of EPL 7532 with farm boundaries and farm numbers indicated.

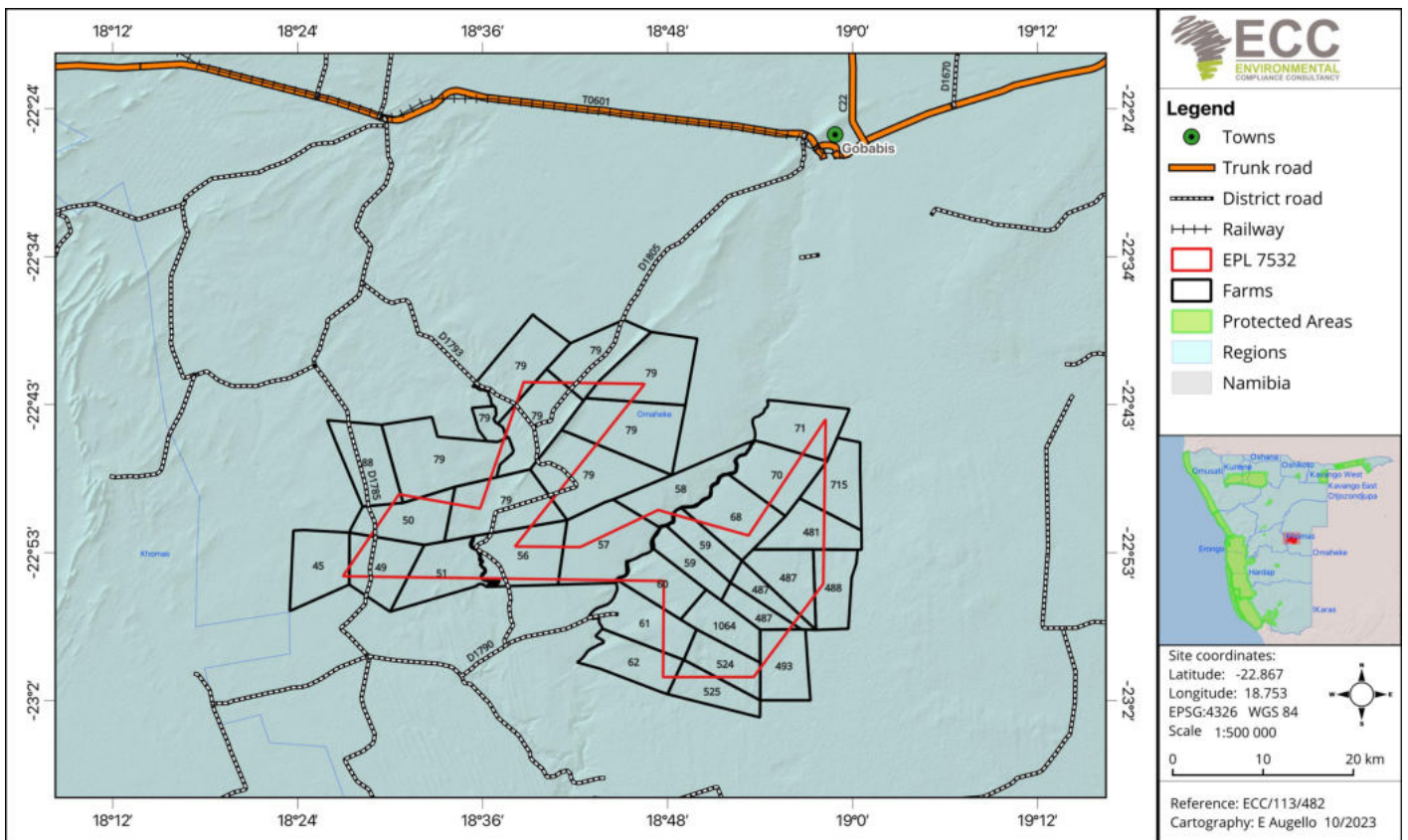


Figure 2 – Locality map of EPL 7532 with farm boundaries

2 BACKGROUND TO EPL 7532

EPL 7532 was granted to Rio Tinto Mining and Exploration (Ltd) on 25 October 2019 and was renewed on 24 October 2022. An environmental clearance certificate was issued to by the Ministry of Environment, Forestry and Tourism (MEFT) on 09 February 2021 and expires on the 09 February 2024.

EPL 7532 is located south of Gobabis, Omaheke Region and is 72609.3191 hectares in size.

The Proponent wishes to continue with exploration activities on EPL 7532 for base and rare metals, and precious metals.

2.1 RENEWAL ACTIVITIES

As part of the exploration programme, the following activities are envisaged:

- Airborne geophysical surveys (non-invasive, coarse line spacing);
- Potential creation of access tracks, where existing tracks cannot be utilised;
- Limited vegetation clearing for creation of tracks and survey access;
- Ground exploration activities may include soil and rock-chip sampling, geological mapping, geophysical surveys, temporary trenching, drilling and drill-core sampling; and
- Rehabilitation of exploration activities.

3 ENVIRONMENTAL COMPLIANCE AUDIT

3.1 SITE ACTIVITIES

3.1.1 BI-ANNUAL MONITORING AND REPORTING

Environmental reports are submitted to the Ministry of Environment, Forestry and Tourism bi-annually. These reports report on environmental performance and compliance with regards to the exploration activities taking place on-site, covering the periods from July 2021 to June 2023, respectively. These reports are available in Appendix C.

3.1.2 ACTIVITIES FOR THE MONITORING PERIOD

3.1.2.1 *June to December 2021*

No activities were conducted on EPL 7532 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for this EPL.

3.1.2.2 *January to June 2022*

No activities were conducted on EPL 7532 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for this EPL.

3.1.2.3 *July to December 2022*

A successful resettlement community meeting was held on site on the farm Versailles (No. 67), located on joint venture (JV) EPL 7730, whereby the Proponent described KCC's various planned activities, including the airborne electromagnetic (AEM) survey and proposed follow-up field work, to the community.

No activities were conducted on EPL 7532 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for this EPL.

3.1.2.4 *January to June 2023*

No activities were conducted on EPL 7532 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for this EPL.

In summary, the only geological work conducted for EPL 7532 included early cursory roadside geology, and in-depth desktop interpretation of geophysical data.

3.2 ENVIRONMENTAL MANAGEMENT PLAN AND AUDITING

The approved EMP covers all adverse environmental impacts, including any additional potential impacts that may result from the exploration activities on EPL 7532. The EMP provides the technical details for each mitigation, monitoring and institutional measure, including the impact(s) to which it relates and the conditions when required, together with designs, equipment descriptions and operating procedures as granted.

3.3 COMPLIANCE AUDIT FINDINGS

This section outlines the findings of environmental audits (desktop) during the period of review for EPL 7532. It addresses obligations in terms of the key Acts that govern the activities on site, the commitments made in the EMP and present the findings and recommended corrective actions where applicable (Table 2**Error! Reference source not found.**).

The EMP therefore:

- Identifies all mineral exploration activities that could cause environmental damage (aspects and potential impacts) and provides a summary of actions required;
- Identifies institutions responsible for ensuring compliance with the EMP and provides their contact information;
- Provides standard procedures to avoid, minimise and mitigate the identified negative environmental impacts and to enhance the positive impact of the proposed activities on the environment;
- Provides for site exploration rules and actions required;
- Forms a written record of procedures, responsibilities, requirements and rules for contractor/s, their staff and any other person who must comply with the EMP;
- Ensure zero pollution incidents; minimal vegetation clearing and earthworks, protect local flora, fauna, and water resources; and use water and other natural resources effectively and efficiently;
- Provides a monitoring and auditing programme to track and record compliance and identify and respond to any potential or actual negative environmental impacts;
- Provides a monitoring programme to record any mitigation measures that are implemented;
- Ensure that regular independent third party environmental audits are carried out on a regular basis; and
- Once exploration has ceased, any impacts shall be rehabilitated.

3.4 ISSUES OF NON-COMPLIANCE

No environmental non-conformances were raised during the period under review as no field work exploration activities were conducted.

4 EXPLORATION EMP COMPLIANCE AUDIT

This section (Table 2) provides an overview of the compliance with EMP requirements as depicted in the approved EMP for EPL 7532 (Appendix A). As no active exploration fieldwork activities were conducted during the period under review, the ratings remain compliant.

Table 2 – Exploration EMP compliance audit (EPL 7532)

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners, - Disruption of farm operations (leaving gates open, loss of farming area, interference at water points) - Potential conflict with farm owners and neighbours (suspicious movement, poaching, stock theft, field fires, etc.). 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced, - Farmers should have access to all farm areas at all times, - Existing water points and feeding areas need to be left, unaffected, - Use existing roads for access to avoid new tracks and cut lines, - Compliance with all applicable laws and agreements. 	- Compliant	- The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> - Potential grievances and complaints, 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private farms and implement monitoring programmes thereafter, 	- Compliant	- The Proponent to ensure

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Social discomfort and anxiety 	<ul style="list-style-type: none"> - Maintain continuous communication with interested and affected parties (I&APs) to identify concerns and mitigation measures, - Compliance with all applicable laws and agreements, - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching, - Ensure appropriate supervision of all activities daily, - Accidents and incidents need to be reported to exploration manager and recorded in the incident register. 		<p>compliance with the requirements of the EMP.</p>

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
General exploration activities	<ul style="list-style-type: none"> Residing and nesting organisms can be disturbed, injured or killed by movement of vehicles and equipment 	<ul style="list-style-type: none"> Restrict movements to areas of activities only, Use existing tracks and routes as far as practically possible, Identify rare, endangered, threatened and protected species in advance such as the white or black rhino, Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.), Restrict movements to daytime hours, Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas, No driving off designated access routes (into the bush) or any off-road, No animals or birds may be collected, caught, consumed or removed from site. 	- Compliant	<ul style="list-style-type: none"> The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> Residing and nesting organisms can be disturbed as a result of ambient noise from operations and movements of 	<ul style="list-style-type: none"> Restrict excessive noise to areas of activities only, Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays), No activities are allowed between dusk and dawn, Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors, 	- Compliant	<ul style="list-style-type: none"> The Proponent to ensure compliance with the

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> vehicles and equipment - Conflict with farmers and neighbours about rising of ambient noise levels 	<ul style="list-style-type: none"> - Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property, - All equipment to be shut down or throttled back between periods of use, - Adhere to civil aviation regulations about the use of a drone, if necessary. 		<ul style="list-style-type: none"> requirements of the EMP.
	<ul style="list-style-type: none"> - Visual disturbances 	<ul style="list-style-type: none"> - Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; - Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock - Maintain good housekeeping standards on site, - Maintain continuous communication with I&APs to identify concerns and mitigation measures. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> - Dust and emissions 	<ul style="list-style-type: none"> - All vehicles and machinery or equipment to be shut down or throttled back between periods of use, - Use existing access roads and tracks where possible, - Apply dust suppression where possible, - Restrict the speed of vehicles (<30 km/h), - Specific activities that may generate dust and impact on residents shall be avoided during high wind events, - Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 		
	<ul style="list-style-type: none"> Loss of soil quality due to mixing of earth matter, trampling, compaction, and pollution, Enhanced soil erosion 	<ul style="list-style-type: none"> Where possible, plan access routes, drill pads and camps outside of existing drainage lines, Where necessary, install diversions to curb possible erosion, Restore drainage lines when disturbed, Topsoil should be stockpiled separately, and re-spread during rehabilitation, Limit the possibility of compaction and creating of a hard subsurface, Limit the possibility of trampling, During drilling oil absorbent matting should be placed under and around the rig, Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil, In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site, Limit the possibility of mixing mineral waste with topsoil. 	<ul style="list-style-type: none"> Compliant 	<ul style="list-style-type: none"> The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> Groundwater contamination 	<ul style="list-style-type: none"> Ensure drill pads and spill kits are in place on site, Consider alternative sites when the water table is too high, Wastewater shall be contained, Where possible, water from existing water sources shall be used. 	<ul style="list-style-type: none"> Compliant 	<ul style="list-style-type: none"> The Proponent to ensure compliance with the

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				requirements of the EMP.
Airborne EM survey (AEM) over the EPL, possible low flying, indication of line spacing	<ul style="list-style-type: none"> - Perceived impact from low-flying EM survey activities on livestock and humans. 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior, - The following information is to be included in the written communication sent to the interested and affected parties. This can be in the form of a Press Notice; <ul style="list-style-type: none"> o Company name, o Survey dates, time and duration, o Purpose of the survey, o Flight altitude, o Survey location, map of survey area and flight lines, and o Contact details for enquiries. 	- Compliant	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.
Vegetation clearance for access routes, drill pads and temporary contractor camps	<ul style="list-style-type: none"> - Loss of plant species - Loss of habitat - Create landscape scars - Enhance erosion - Loss of sense of place 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines, - Minimise clearance areas through proper planning of the exploration activities, - Route new tracks around established and protected trees, and clumps of vegetation, - Identify rare, endangered, threatened and protected species, - During toolbox talks and induction, highlight to workers that the removal of significant plants should be avoided, 	- Compliant	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Where possible rescue and relocate plants of significance, - Promote revegetation of cleared areas upon completion of exploration activities. 		
	<ul style="list-style-type: none"> - Alien plants and weeds can accidentally be introduced 	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and seed inspection completed prior to equipment being used, - Ensure contractors receive induction on spread of alien weed, - Ensure the potential introduction and spread of alien plants is prevented, - Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants, - Eradicate weeds and alien species as soon as they appear, - Make workers aware about alien species and weeds. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.
Fuel handling and storage, maintenance on equipment, machinery and vehicles	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Enhance accidental veld fires during high wind periods 	Storage <ul style="list-style-type: none"> - Label chemicals appropriately, - Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the material safety data sheets (MSDS) which should be readily available, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>Inadequate control or accidental releases of hazardous substances on site</p>		<ul style="list-style-type: none"> - Store chemicals in a dedicated, enclosed, and secure facility with a roof and concrete floor. Chemical tanks should be completely contained within secondary containment such as bunding, - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives, - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations, - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <ul style="list-style-type: none"> - No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites, - The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option, - No cigarette butts are allowed to be discarded into the environment. These should be contained in appropriate domestic containment bins and disposed of at the local landfill site, - No unauthorised movement beyond the exploration areas and campsites is allowed, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles), - Control and reduce the potential risk of fire by segregating and safe storage of materials, - Avoid potential sources of ignition by prohibiting smoking in and around facilities, - Fire extinguishers should always be at designated areas and should be inspected regularly. <p>Spills</p> <ul style="list-style-type: none"> - Spill kits with the following items as a minimum should be made available on site: <ul style="list-style-type: none"> o Absorbent materials, o Shovels, o Heavy-duty plastic bags, o Protective clothing (e.g., gloves and overalls), - Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops, - For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (i.e., spill trays, impervious sheets), - Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams. - Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, - All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill", attached as Appendix B. <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> - Assess the situation for potential hazards, - Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided, - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p> <ul style="list-style-type: none"> - Spills are to be stopped at source as soon as possible (e.g. close valve or upright drum), - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods, - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>to excavate the underlying soils until clean soils are encountered,</p> <ul style="list-style-type: none"> - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed to appropriately licensed facilities, - A written incident report must be submitted to the general manager. 		
Generation of waste	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Nuisance (visual impacts, litter) - Ecological risks 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site, - Training and raise awareness through toolbox talks and induction, - Implement a standard operational procedure (SOP) on waste management, from all kinds of waste possible on-site (e.g. hydrocarbons, domestic, wastewater), - Implement a culture of correct waste collection, waste segregation and waste disposal, complimentary to the waste hierarchy – avoid, re-use, recycle, - Wastewater discharges will be contained – no disposal of wastewater directly into the environment is allowed. 	- Compliant	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP. -
Water use	<ul style="list-style-type: none"> - Soil contamination - Ground and surface water contamination - Nuisance (visual and odour) 	<ul style="list-style-type: none"> - Minimise the operational consumption of water throughout the operations of the project, - Visual monitoring and photographic record should be kept of any surface and / or groundwater intersected, - Recycle wastewater, where possible, - Install devices to prevent spills and overfills, e.g. shutoff devices for large volume tanks (e.g. > than 2000 L), 	- Compliant	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants, - Segregation of wastewater (domestic and industrial effluent), - During operations, monitoring of wastewater discharges (specific to a wastewater discharge permit conditions) should be conducted on a regular basis (quarterly). 		
Heritage	<ul style="list-style-type: none"> - Disruption of heritage sites 	<p>In case of discovering or unearthing heritage sites, particularly palaeontological or archaeological finds, the following measures (chance find procedure) shall be applied:</p> <ul style="list-style-type: none"> - Work to cease, area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed, - The site manager to visit the site and determine whether work can proceed without damage to findings, mark exclusions boundary and inform the environment and social manager with the GPS position if possible, - If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice, - Exploration manager or archaeological specialist to evaluate the significance of the remains and identify appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains) 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Inform the police if the remains are human, and - Obtain appropriate clearance or approval from the competent authority, if required, and recover and remove the remains to the national museum or national forensic laboratory as directed. 		
Job creation, skills development and business opportunities	<ul style="list-style-type: none"> - Beneficial socio-economic impacts on a local and regional scale 	<ul style="list-style-type: none"> - Maximise local employment and local business opportunities, - Enhance the use of local labour and local skills as far as reasonably possible, - Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

5 CONCLUSION

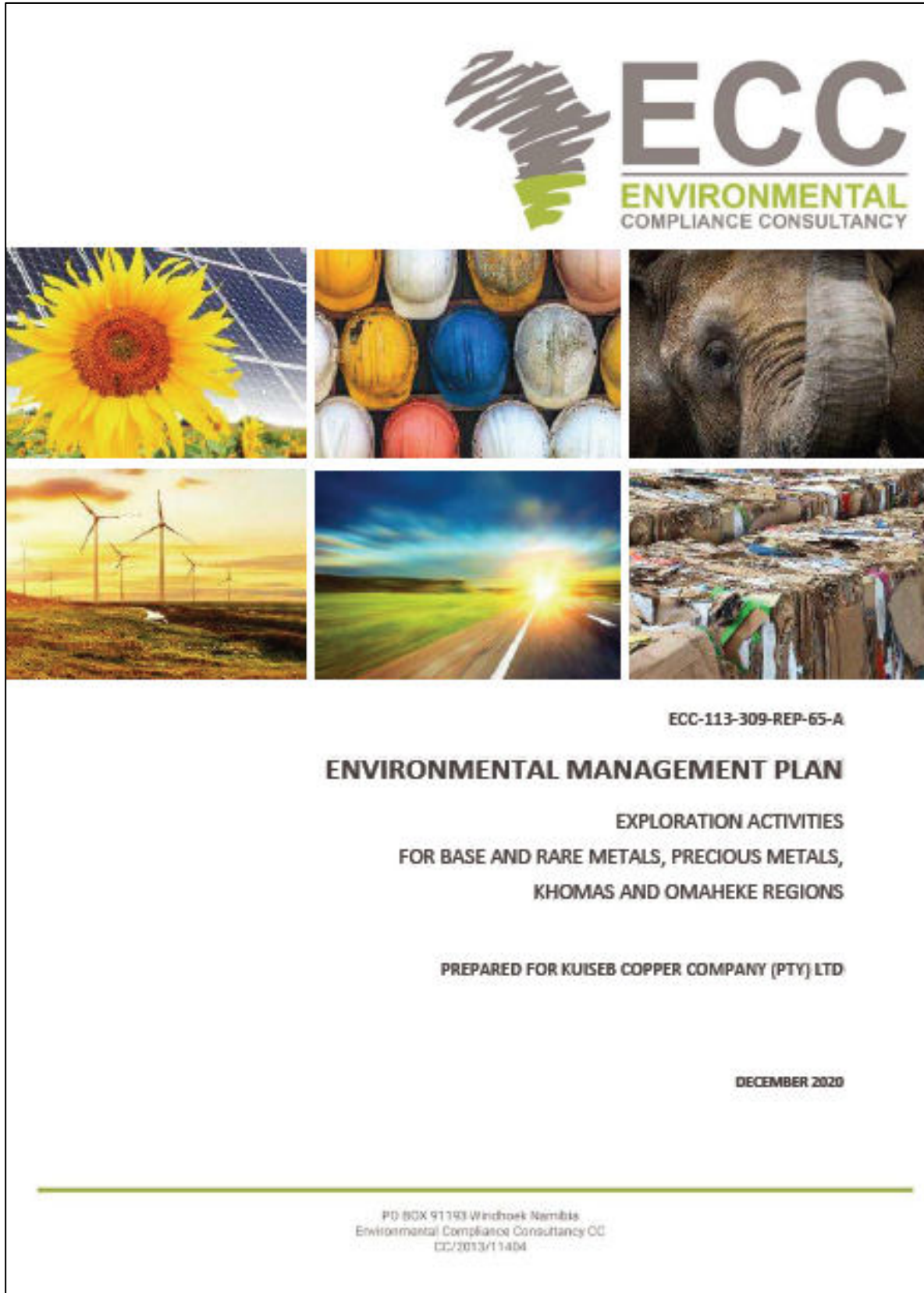
No landowner liaison took during the period under review as no field work exploration activities took place. Therefore, no consent agreements (CA) were required to be signed. The only geological work conducted for EPL 7532 included early cursory roadside geology, and in-depth desktop interpretation of geophysical data.

A successful resettlement community meeting was held on site on the farm Versailles (No. 67), located on joint venture (JV) EPL 7730, whereby the Proponent described KCC's various planned activities, including the airborne electromagnetic (AEM) survey and proposed follow-up field work, to the community.

No non-conformances or complaints were recorded during the period under review.

All proposed activities shall be carried out in compliance with the relevant requirements and conditions of the granted licence in accordance with the EMP. It is recommended that the Proponent continues to adhere to all environmental legislation and company standards to ensure that best practical environmental protection continues as the Project activities progress. It is further recommended that bi-annually or annually an independent environmental assessment practitioner conducts an infield audit on EPL 7532 activities.

APPENDIX A - EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN FOR EPL 7532



APPENDIX B – EPL 7532 ENVIRONMENTAL CLEARANCE CERTIFICATE

ECC – 01223	Serial: G2HZ01223
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REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
 OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7532 for base and rare metals, precious metals, Omaheke Region.

Issued on the date:	2021-02-09
Expires on this date:	2024-02-09



16 FEB 2021
 ENVIRONMENTAL COMMISSIONER
 REPUBLIC OF NAMIBIA

(See conditions printed over leaf)



This certificate is printed without assurances or alterations.

ECC –

CONDITIONS OF APPROVAL

1. This environmental clearance is valid for a period of 3 (three) years, from the date of issue unless withdrawn by this office
2. This certificate does not in any way hold the Ministry of Environment and Tourism accountable for misleading information, nor any adverse effects that may arise from these activities. Instead, full accountability rests with the proponent and its consultants
3. This Ministry reserves the right to attach further legislative and regulatory conditions during the operational phase of the project
4. All applicable and required permits are obtained and mitigation measures stipulated in the EMP are applied particularly with respect to management of ecological impacts.
5. Strict compliance with national heritage guidelines and regulations is expected throughout the life-span of the proposed activity, therefore any new archaeological finds must be reported to the National Heritage Council for appropriate handling of such.
6. A six monthly report on project progress and environmental management profile, starting from date of commencement of operations, must be submitted by the Proponent to Office of Environmental Commissioner.

APPENDIX C – BI-ANNUAL ENVIRONMENTAL REPORTS 2021 - 2023



ECC
ENVIRONMENTAL
COMPLIANCE CONSULTANCY



ECC-113-309-REP-65-A

ENVIRONMENTAL MANAGEMENT PLAN

EXPLORATION ACTIVITIES
FOR BASE AND RARE METALS, PRECIOUS METALS,
KHOMAS AND OMAHEKE REGIONS

PREPARED FOR KUISEB COPPER COMPANY (PTY) LTD

DECEMBER 2020

TITLE AND APPROVAL PAGE

Project Name:	Environmental management plan for the exploration activities on EPLs of Kuiseb Copper Company (Pty) Ltd and Rio Tinto Mining and Exploration Ltd, in partnership, for base and rare metals, precious metals in the Khomas and Omaheke regions.
Project Number:	ECC-113-309-REP-65-A
Client Name:	Kuiseb Copper Company (Pty) Ltd
Ministry Reference:	N/A
Status of Report:	Submission to the government
Date of issue:	December 2020
Review Period	N/A

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Confidentiality

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Please note at ECC we care about lessening our footprint on the environment; therefore, all documents are printed double sided.

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DEFINITIONS AND ABBREVIATIONS

ECC	Environmental Compliance Consultancy
EIA	Environmental Impact Assessment
EMA	Environmental Management Act
EMP	Environmental Management Plan
EPL	Exclusive Prospecting Licence
I&AP	Interested and Affected Parties
KCC	Kuiseb Copper Company
MEFT	Ministry of Environment, Forestry, and Tourism
MME	Ministry of Mines and Energy
MSDS	Safety Data Sheets
RT	Rio Tinto
SOP	Standard Operating Procedure
GPS	Geographical Positioning System
AEM	Airborne Electromagnetic

1 INTRODUCTION

1.1 BACKGROUND TO THE PROPOSED PROJECT

Environmental Compliance Consultancy (ECC) has been engaged by the proponent Kuiseb Copper Company (Pty) Ltd to undertake an Environmental Impact Assessment (EIA) and an Environmental Management Plan (EMP) in terms of the Environmental Management Act, No. 7 of 2007 and its regulations. An application for an environmental clearance certificate was submitted to the relevant competent authorities, the Ministry of Mines and Energy (MME) and the Ministry of Environment, Forestry and Tourism (MEFT).

Kuiseb Copper Company (Pty) Ltd (KCC) and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT Joint Venture agreement, permits KCC to fully operate the exploration program. The proponent intends to conduct exploration activities for base, rare and precious metals in the Khomas and Omaheke regions in the general vicinity of the Gobabis, Witvlei and Doringveld areas of eastern Namibia (Figure 1). The exploration programme may include an airborne electromagnetic survey (non-invasive, at a coarse line spacing) over smaller portions of the combined EPL licence area. Additional exploration methods may include soil and rock-chip sampling, geological mapping and ground geophysical surveys, followed by drilling in selected target areas.

1.2 ENVIRONMENTAL REGULATORY REQUIREMENTS

The proposed project is considered as a listed activity as stipulated in the Environmental Management Act, No. 7 of 2007 and the Environmental Impact Assessment Regulation, No. 30 of 2012. As a listed activity an application for an environmental clearance certificate is required. An environmental scoping report and EMP are required as part of the environmental clearance certificate application, as well as to support the decision-making process. This report presents the EMP and has been undertaken in accordance with the requirements of the Environmental Management Act, No. 7 of 2007 and its regulations.

1.3 PURPOSE AND SCOPE OF THIS REPORT

This EMP provides a logical framework, proposed mitigation measures and management strategies for the exploration activities associated with the proposed project. In this way ensuring that the potential environmental and social impacts are mitigated and minimised as far as practically possible and that statutory and other legal obligations are adhered to and fulfilled. Outlined in the EMP are the protocols, procedures and roles and responsibilities to ensure the management arrangements are effectively and appropriately implemented.

This EMP forms an appendix to the environmental scoping report and was based on the findings of the assessment; therefore, the environmental scoping report should be referred to for further information on the proposed project, assessment methodology, applicable legislation, and assessment findings.

This EMP is a live document and shall be reviewed at predetermined intervals, and updated when the scope of works alters, or when further data or information can be added. All personnel working on the project will be legally required to comply with the standards set out in this EMP.

The scope of this EMP includes all activities carried out during the exploration stage in search of base and rare metals, precious metals on EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730, 7731, and 7732 in the Khomas and Omaheke regions.

1.4 MANAGEMENT OF THIS EMP

The proponent Kuiseb Copper Company (Pty) Ltd will hold the environmental clearance certificate for the proposed project and shall be responsible for the implementation and management of this EMP. The implementation and management of this EMP and thus the monitoring of compliance shall be undertaken through daily duties and activities as well as by monthly inspections.

This EMP shall be circulated to all contractors and made available on ECC's website.

1.5 LIMITATIONS, UNCERTAINTIES AND ASSUMPTIONS OF THIS EMP

This EMP does not include measures for compliance with statutory occupational health and safety requirements. This will be provided in the safety management plan to be developed by the proponent.

Where there is any conflict between the provisions of this EMP and any contractor's obligations under their respective contracts, including statutory requirements (such as licences, project approval conditions, permits, standards, guidelines and relevant laws), the contract and statutory requirements are to take precedence.

The information contained in this EMP has been based on the project description as provided in the environmental assessment report. Where the design or exploration methods alter, this EMP may require updating and potential further assessment undertaken.

1.6 ENVIRONMENTAL CONSULTANCY

Environmental Compliance Consultancy, a Namibian consultancy with registration number CC/2013/11401, has prepared this document on behalf of the proponent. ECC operates exclusively in the environmental, social, health and safety fields for clients across Southern Africa in the public and private sector. The CV's of the authors of this report are contained in Appendix A. ECC is independent of the proponent and has no vested or financial interest in the proposed project except for fair remuneration of professional services rendered.

All compliance and regulatory requirements regarding this document should be forwarded by email or post to the following address:

Environmental Compliance Consultancy

PO BOX 91193

Klein Windhoek, Namibia

Tel: +264 81 669 7608

Email: info@eccenvironmental.com

2 PROJECT MANAGEMENT PERSONNEL

2.1 ORGANISATIONAL STRUCTURE, ROLES AND RESPONSIBILITIES

The proponent shall be responsible for:

- Ensuring all members of the project team, including contractors comply with the procedures set out in this EMP;
- Ensuring that all personnel are provided with sufficient training, supervision, and instruction to fulfil this requirement; and
- Ensuring that any persons allocated specific environmental management responsibilities are notified of their appointment and confirm, in writing, that their responsibilities are clearly understood.

Contractors shall be responsible for ensuring and demonstrating that all personnel employed by them are compliant with this EMP, and meet the responsibilities listed above. The key personnel and environmental responsibilities of each role through the project life are presented in Table 1.

TABLE 1 - ROLES AND RESPONSIBILITIES

ROLE	RESPONSIBILITIES & DUTIES
Proponent	<ul style="list-style-type: none"> - Overall responsibility for the implementation and management of this EMP; - Ensure the environmental policy is communicated to all personnel throughout the proposed project and ensure that employees, contractors and visitors understand and adhere to the EMP; - Responsible for providing the required resources (including financial and technical) to complete the required tasks; - Appoint supervisors such as an exploration (project) manager and a site manager; and - Ensure that all employees, contractors and visitors are inducted on safety measures.
Exploration Manager	<ul style="list-style-type: none"> - Responsible for ensuring compliance with this EMP including overseeing all day-to-day activities throughout the duration of the project, including routine and non-routine maintenance works, as well as the decommissioning of the project; - Ensure adequate resources are made available for the implementation of this EMP; - Responsible for the management, utilisation and possible future revisions of this EMP; - Ensure all personnel are aware of the commitments made in this EMP and any other relevant regulatory requirements applicable to the project; - Ensure all employees and contractors participate in a site induction process prior to commencing with work on the project; - Maintain the community issues and concern register, and keep records of complaints received; - Ensure that best environmental practice is undertaken throughout the duration of the project; and - Report any non-compliance or accidents to the regulatory authority.
Site Manager (or nominated supervisor)	<ul style="list-style-type: none"> - Ensure that all employees, contractors and visitors to the site are conversant with the requirements of this EMP, relevant to their roles on site and adhere to this EMP at all times; - Provide environmental awareness or management training and site inductions for all employees, contractors and visitors; - Monitor daily operations and ensure adherence by personnel to the EMP; - Receive, respond to and record complaints; and - Report any non-compliance or accidents to the exploration manager.

<p>Employees (and contractors and visitors where applicable)</p>	<ul style="list-style-type: none"> - Responsible for being compliant with this EMP throughout the project; - Adhere to this EMP at all times; - Ensure attendance of site inductions; - Ensure appropriate briefings for certain activities have been provided and are fully understood; and - Report any operations and conditions that deviate from the EMP or any non-compliant issues or accidents to the site manager and exploration manager.
---	--

2.2 CONTRACTORS

Any contractors hired during the exploration activities or for any accessory works for the project, or contractors appointed for maintenance activities, shall be compliant with this EMP, and shall be responsible for the following:

- Undertaking activities in accordance with this EMP as well as relevant policies, procedures, management plans, statutory requirements, and contract requirements;
- Implementing appropriate environmental management measures;
- Reporting of environmental issues, including actual or potential environmental incidents and hazards, to the exploration manager;
- Ensuring appropriate corrective or remedial action is taken to address all environmental hazards and incidents reported; and
- Adhere to the safety management plan developed by the proponent.

2.3 EMPLOYMENT

The proponent (and all contractors) shall comply with the requirements of the national regulations for Labour, health and safety and any amendments to these regulations. The following shall be complied with:

- In liaison with local government, community, stakeholders and relevant authorities the proponent shall ensure that local people have access to information about job opportunities and are considered first for exploration or maintenance contract employment positions;
- The number of job opportunities shall be made known together with the associated skills and qualifications;
- The maximum length of time the job is likely to last for shall be clearly indicated;
- Foreign workers with no proof of permanent legal residence shall not be hired; and
- Every effort shall be made to recruit from the pool of unemployed workers living in the local area for labour positions.

3 COMMUNICATION AND TRAINING

In order to ensure that potential risks and impacts are minimised, it is vital that personnel are appropriately informed and trained on operational procedures that include the above mitigation measures. It is also important that regular communications are maintained with all the stakeholders and that they are made aware of potential impacts and how to minimise or avoid them. This section sets out the framework for communication and training in relation to the EMP.

3.1 COMMUNICATIONS

During exploration, the exploration manager or the site manager shall communicate all environmental issues to the project team through the following means (as and when required):

- Site induction;
- Audits and site inspections;
- Toolbox talks, including instruction on incident response procedures; and
- Briefings on key project-specific environmental issues.

This EMP shall be distributed to the exploration team including any contractors and personnel working on the exploration site to ensure that the environmental requirements are adequately communicated. Key activities and environmentally sensitive operations shall be briefed to workers and contractors in advance.

During the exploration activities, communication between the management team shall include discussing any complaints received and actions to resolve them, any inspections, audits or non-conformance with this EMP, and any objectives or target achievements.

3.2 ENVIRONMENTAL EMERGENCY AND RESPONSE

Table 2 contains a list of numbers to be contacted in case of an emergency. All personnel will be made aware of these numbers.

TABLE 2 - EMERGENCY CONTACT DETAILS

TOWN	AMBULANCE	POLICE	FIRE BRIGADE
Gobabis	+ 264 62 56 6200	+264 62 57 7700	+264 (62) 56-6666
Witvlei	+264 (62) 56-2275	+264 (62) 1-0111	-
Leonardville	+264 (62) 56-2275	+264 (62) 56-9703	+264 (62) 56-9115
Rehoboth	+264 (62) 52-3811	+264 62 523 223	+264 (62) 52-2091

3.3 COMPLAINTS HANDLING AND RECORDING

Any complaints received verbally by any personnel on the project site shall be recorded by the site manager or the receiver, including the name and contact details of the complainant, date and time of the complaint, and the nature of the complaint. The information shall be given to the exploration manager who is responsible for the overall management of complaints and will provide a written response to the complainant. The site manager shall inform the exploration manager of issues, concerns or complaints in a timely manner. It is the duty of both the site manager and exploration manager to maintain a complaint register that details the name of the complainant, date and time of the complaint and action taken to resolve the issues.

The workforce shall be informed about the complaints register, its location and the person responsible, in order to refer residents or the general public who wish to lodge a complaint. The complainant shall be informed in writing of the results of the investigation and action to be taken to rectify or address the matter(s). Where no action is taken, the reasons why are to be recorded in the register.

The complaints register shall be kept for the duration of the project and will be available for government or public review upon request.

3.4 TRAINING AND AWARENESS

All personnel working on the project shall be competent to perform tasks that have the potential to cause an environmental impact. Competence is defined in terms of appropriate education, training, and experience.

3.4.1 SITE INDUCTION

All personnel involved in the project shall be inducted to the site with a specific environment and social awareness training component. The environment and social awareness training shall ensure that personnel are familiar with the principles of this EMP, the environment and social aspects and impacts associated with their activities, the procedures in place to control these impacts and the consequences of departure from these procedures.

The exploration manager shall ensure an up-to-date register of completed training is maintained.

The site induction should include, but not limited to the following:

- A general site-specific induction that outlines:
 - o What is meant by “environment” and “social”;
 - o Why the environment needs to be protected and conserved;
 - o How exploration activities can impact on the environment; and
 - o What can be done to mitigate against such impacts.
- The inductee’s role and responsibilities with respect to implementing the EMP;
- The site’s environmental rules;
- Details of how to deal with, and who to contact if environmental problems occur;
- Basic vegetation clearing principals and species ID sheets;
- Noise control measures for drilling in proximity to residents;
- Focal themes such as compliance, reporting of accidents and incidents, good housekeeping and standard procedures for waste management;
- The potential consequences of non-compliance with this EMP and relevant statutory requirements; and
- The role of people responsible for the project.

4 REPORTING, COMPLIANCE AND ENFORCEMENT

4.1 ENVIRONMENTAL INSPECTIONS AND COMPLIANCE MONITORING

4.1.1 DAILY COMPLIANCE MONITORING

A copy of this EMP shall be on site throughout the project and shall be available upon request. It is the responsibility of the exploration manager to ensure this EMP is complied with through their daily roles. Daily, weekly and monthly inspections will be undertaken. Any environmental problems or risks identified shall be reported to the exploration manager and actioned as soon as is reasonably practicable.

4.1.2 MONTHLY COMPLIANCE MONITORING

Monthly inspections shall be undertaken by the exploration manager to check that the standards and procedures as set out in this EMP are being complied with and pollution control measures are in place and working correctly. Any non-conformance shall be recorded, including the following details: a brief description of non-conformance, the reason for the non-conformance, the responsible party, the result (consequence), and the corrective action to be taken and any necessary follow up measures required.

4.1.3 REPORTING

There shall be a requirement to ensure that any incident or non-compliance, including any environmental issue, failure of equipment or an accident, is reported to the exploration manager in a timely manner.

4.2 ENVIRONMENTAL PERMITS

Whilst the Water Resources Management Act, No. 11 of 2013 is not enforced, it is best practice to adhere to its stipulations while ensuring compliance with the Water Act, No. 54 of 1956, which is still maintained.

Should water not be sourced directly from a private borehole or from a local Municipal source, a licence to abstract water is required in terms of the Water Act, No. 54 of 1956 and shall operate in accordance with any conditions of the licence.

In the event that vegetation is to be cleared all requirements under the Forest Act, No. 12 of 2001 as amended by the Forest Amendment Act, No. 13 of 2005 and its regulations of 2015 will be complied with.

4.3 NON-COMPLIANCE

4.3.1 NON-COMPLIANCE EVENT

Where it has been identified that works are not compliant with this EMP, the exploration manager shall employ corrective actions so that the works return to being compliant as soon as possible. In instances where the requirements of the EMP are not upheld, a non-conformance and corrective action notice shall be produced. The notice shall be generated during the inspections and the exploration manager shall be responsible for ensuring a corrective action plan is established and implemented to address the identified shortcoming.

A non-compliance event or situation, for example, is considered if:

- There is evidence of a contravention of this EMP and associated indicators or objectives;
- The exploration manager or contractor have failed to comply with corrective or other instructions issued by the exploration manager or qualified authority; or
- The exploration manager or contractor fails to respond to complaints from the public.

Activities shall be stopped in the event of serious non-compliance until corrective action(s) has been completed.

4.4 INCIDENT REPORTING

The exploration manager must ensure that an accident and incident (including minor or a near-miss) reporting system is maintained so that all applicable statutory requirements are covered. For any serious incident involving a fatality, or permanent disability, the incident scene must be left untouched until witnessed by a representative of the police. This requirement does not preclude immediate first aid being administered and the location being made safe.

The exploration manager must investigate the cause of all work accidents and significant incidents and must provide the results of the investigation and recommendations on how to prevent a recurrence of such incidents. A formal root-cause investigation process should be followed.

4.4.1 DISCIPLINARY ACTION

This EMP is a legally binding document and non-compliance with it shall result in disciplinary action being taken against the perpetrator(s). Such action may take the form of (but is not limited to):

- Fines or penalties;
- Legal action;
- Monetary penalties imposed by the proponent on the contractor;
- Withdrawal of licence(s); and
- Suspension of work.

The disciplinary action shall be determined according to the nature and extent of the transgression or non-compliance, and penalties are to be weighed against the severity of the incident.

5 ENVIRONMENTAL AND SOCIAL MANAGEMENT

5.1 ENVIRONMENTAL PERFORMANCE MEASUREMENT

This chapter provides a register of environmental risks and issues, which identifies mitigation and monitoring measures, as well as the responsible roles. This register will be subject to regular review by the exploration manager and updated when necessary.

The exploration manager or the site manager (if applicable) will use this register to undertake monthly inspections (see next section) to ensure the project is compliant with this EMP.

5.2 OBJECTIVES AND TARGETS

Environmental objectives for the project are as follows:

- Zero pollution incidents;
- Minimal vegetation clearing and earthworks;
- Protect local flora and fauna;
- Minimise the generation of waste; and
- Minimal interruption to farm activities.

5.3 REGISTER OF ENVIRONMENTAL RISKS AND ISSUES

An environmental review of the proposed project was completed which identified all the commitments and agreements made within the environmental assessment report. From this, a schedule of environmental commitments and risks has been produced (Table 3), which details deliverables including measures identified for the prevention of pollution or damage to the environment during exploration.

Table 3 provides a register of environmental risks and issues, which identifies mitigation and monitoring measures, as well as the responsible person. This register will be subject to regular review by the exploration manager and updated when necessary. The exploration manager will use this register to undertake monthly inspections to ensure the project is compliant with this EMP.

TABLE 3 - ENVIRONMENTAL RISKS AND ISSUES, AND MITIGATION AND MONITORING MEASURES

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners; - Disruption of farm operations (leaving gates open, loss of farming area and interference at water points); and - Potential conflict with farm owners and neighbours (suspicious movement, and poaching, stock theft, field fires, etc.) 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced; - Farmers should have access to all farm areas at all times; - Existing water points and feeding area need to be left unaffected; - Use existing roads for access to avoid new tracks and cut lines; and - Compliance with all applicable laws and agreements. 	Daily	Exploration manager or site manager (or nominated site supervisor)
	<ul style="list-style-type: none"> - Potential grievances and complaints; and - Social discomfort and anxiety. 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private farms and implement monitoring programmes thereafter; - Maintain continuous communication with I&APs to identify concerns and mitigation measures; - Compliance with all applicable laws and agreements; - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching; - Ensure appropriate supervision of all activities daily; and - Accidents and incidents need to be reported to the exploration manager and recorded in the incident register. 	Weekly, monthly	
General on-ground exploration activities	Residing and nesting organisms can be disturbed, injured or killed by the movement of vehicles and equipment.	<ul style="list-style-type: none"> - Restrict movements to areas of activities only; - Use existing tracks and routes as far as practically possible; - Identify rare, endangered, threatened and protected species in advance such as the white or black rhino; - Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.); - Restrict movements to daytime hours; - Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas; - No driving off designated access routes (into the bush) or any off-road driving; and 	Weekly	

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
		<ul style="list-style-type: none"> - No animals or birds may be collected, caught, consumed or removed from the site. 		
	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed as a result of ambient noise from operations and movements of vehicles and equipment; and - Conflict with farmers and neighbours about rising of ambient noise levels. 	<ul style="list-style-type: none"> - Restrict excessive noise to areas of activities only; - Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays); - No activities are allowed between dusk and dawn; - Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors; - Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property; - All equipment to be shut down or throttled back between periods of use; and - Comply with national civil aviation regulations about the use of a drone, if necessary. 	Daily	Site manager (or nominated site supervisor)
	<ul style="list-style-type: none"> - Visual disturbances. 	<ul style="list-style-type: none"> - Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; - Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock; - Maintain good housekeeping standards on site; and - Maintain continuous communication with I&APs to identify concerns and mitigation measures. 	Daily, weekly	
	<ul style="list-style-type: none"> - Dust and emissions. 	<ul style="list-style-type: none"> - All vehicles and machinery or equipment to be shut down or throttled back between periods of use; - Use existing access roads and tracks where possible; - Apply dust suppression where possible; - Restrict the speed of vehicles ($\leq 30\text{km/h}$); and 	Daily	

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
		<ul style="list-style-type: none"> Specific activities that may generate dust and impact on residents shall be avoided during high wind events. Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property; Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 		
	<ul style="list-style-type: none"> Loss of soil quality due to mixing of earth matter, trampling, compaction and pollution, and Enhanced soil erosion. 	<ul style="list-style-type: none"> Where possible, plan access routes, drill pads and camps outside of existing drainage lines; Where necessary, install diversions to curb possible erosion; Restore drainage lines when disturbed; Topsoil should be stockpiled separately, and re-spread during rehabilitation; Limit the possibility of compaction and creation of a hard subsurface, Limit the possibility of trampling; During drilling, oil absorbent matting should be placed under and around the drill rig; Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil; In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site; and Limit the possibility of mixing mineral waste with topsoil. 	Weekly	
	Groundwater contamination	<ul style="list-style-type: none"> Ensure drill pads and spill kits are in place on site; Consider alternative sites when the water table is too high; Wastewater shall be contained; and Where possible, water from existing water sources shall be used. 	Weekly	
Airborne EM survey (AEM) over the EPL, possible low	<ul style="list-style-type: none"> Perceived impact from low-flying EM survey activities on livestock and humans. 	Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior.	Once-off	-

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
flying, indication of line spacing		<p>The following information is to be included in the written communication sent to the interested and affected parties. This can be in the form of a Press Notice.</p> <ul style="list-style-type: none"> - Company name; - Survey dates, time and duration; - Purpose of the survey; - Flight altitude; - Survey location, map of survey area and flight lines, and - Contact details for enquiries. 		
Vegetation clearance for access routes, drill sites and temporary contractor camps	<ul style="list-style-type: none"> - Loss of plant species; - Loss of habitat; - Create landscape scars; and - Loss of Sense of Place. 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines; - Minimise clearance areas through proper planning of the exploration activities; - Route new tracks around established and protected trees, and clumps of vegetation; - Identify rare, endangered, threatened and protected species; - During toolbox talks and induction sessions, highlight to workers that the removal of significant plants should be avoided; - Where possible rescue and relocate plants of significance; and - Promote revegetation of cleared areas upon completion of exploration activities. 	Daily	<ul style="list-style-type: none"> - Exploration Manager
	<ul style="list-style-type: none"> - Alien plants and weeds can accidentally be introduced. 	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and seed inspection completed prior to such equipment being used; - Ensure contractors receive induction on preventing the spread of alien weed; - Ensure the potential introduction and spread of alien plants is prevented; 	Monthly	<ul style="list-style-type: none"> - Employees, contractors - Site manager (or nominated site supervisor)

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
		<ul style="list-style-type: none"> - Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants; - Eradicate weeds and alien species as soon as they appear; and - Make workers aware about alien species and weeds. 		
<p>Fuel handling and storage, maintenance on equipment, machinery and vehicles</p> <p>Inadequate control or accidental release of hazardous substances on site</p>	<ul style="list-style-type: none"> - Soil contamination; - Water contamination; and - Enhanced accidental veld fires during high wind periods. 	<p>Storage</p> <ul style="list-style-type: none"> - Label chemicals appropriately. - Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the Materials Safety Data Sheets (MSDS) which should be readily available; - Store chemicals in a dedicated, enclosed and secure facility with a roof and a concrete floor. Chemical tanks should be completely contained within secondary containment such as bunding; - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives; - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations; and - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <ul style="list-style-type: none"> - No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites; - The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option; 	<ul style="list-style-type: none"> - Daily observations - Weekly inspections 	<p>Site manager (or nominated site supervisor)</p>

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
		<ul style="list-style-type: none"> - No cigarette butts are allowed to be discarded into the environment. These should be contained in appropriate domestic containment bins and disposed of at the local landfill site; - No unauthorised movement beyond the exploration areas and campsites is allowed; - Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles); - Control and reduce the potential risk of fire by segregating and safe storage of materials; - Avoid potential sources of ignition by prohibiting smoking in and around facilities; and - Fire extinguishers should always be at designated areas and should be inspected regularly. <p>Spills</p> <p>Spill kits with the following items as a minimum should be made available on site:</p> <ul style="list-style-type: none"> - Absorbent materials; - Shovels; - Heavy-duty plastic bags; - Protective clothing (e.g., gloves and overalls); - Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops; - For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (e.g., spill trays, impervious sheets); - Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel; 		

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
		<ul style="list-style-type: none"> - No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams; - Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks; and - All major petroleum product spills (spill of more than 200 liters per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill", attached as Appendix B. <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> - Assess the situation for potential hazards; - Do not come into contact with the spilled substance until it has been characterised and the necessary Personal Protective Equipment (PPE) is provided; and - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p> <ul style="list-style-type: none"> - Spills are to be stopped at the source as soon as possible (e.g., close valve or upright drum); - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods; - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary to excavate the underlying soils until clean soils are encountered; - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed of at appropriately licensed facilities; and - A written incident report must be submitted to the general manager. 		

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
Generation of waste	<ul style="list-style-type: none"> - Soil contamination; - Water contamination; - Nuisance (visual impacts and litter); and - Ecological risks. 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site; - Training and raise awareness through toolbox talks and induction; - Implement a Standard Operational Procedure (SOP) on waste management, for all kinds of waste possible on-site (e.g., hydrocarbons, domestic, waste water); - Implement a culture of correct waste collection, waste segregation and waste disposal, complementary to the waste hierarchy – avoid, re-use, recycle; and - Wastewater discharges will be contained – no disposal of wastewater directly into the environment is allowed. 	<ul style="list-style-type: none"> - Daily and weekly 	<ul style="list-style-type: none"> - Employees, contractors - Site manager (or nominated site supervisor)
Water use	<ul style="list-style-type: none"> - Soil contamination; - Ground and surface water contamination; and Nuisance (visual and odour). 	<ul style="list-style-type: none"> - Minimise the operational consumption of water throughout the lifespan of the project; - Visual monitoring and a photographic record should be kept of any surface and or groundwater intersected; - Recycle wastewater, where possible. - Install devices to prevent spills and overfills, e.g., shutoff devices for large volume tanks (e.g., > than 2000lts). - Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants; - Segregation of wastewater (domestic and industrial effluent); and - During operation, monitoring of wastewater discharges (specific to a wastewater discharge permit conditions) should be conducted on a regular basis (quarterly). 	<ul style="list-style-type: none"> - Daily inspection of operations 	<ul style="list-style-type: none"> - Exploration Manager - Employees, contractors - Site manager (or nominated site supervisor)

ACTIVITY	POTENTIAL IMPACTS	MANAGEMENT / MITIGATION MEASURES	MONITORING REQUIREMENTS	RESPONSIBILITY
Heritage	<ul style="list-style-type: none"> – Disruption of heritage sites. 	<p>In case of discovering or unearthing heritage sites, the following measures (chance-find procedure) shall be applied:</p> <ul style="list-style-type: none"> – Works to cease and the area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed; – The site manager to visit the site and determine whether work can proceed without damage to findings, mark exclusions boundary and inform the environment and social manager with the GPS position if possible – If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice. – Exploration manager or an archaeological specialist to evaluate the significance of the remains and identify appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains); – Inform the police if the remains are human, and – Obtain appropriate clearance or approval from the competent authority. if required, recover and remove the remains to the national museum or national forensic laboratory as directed. 	<ul style="list-style-type: none"> – Daily inspection 	<ul style="list-style-type: none"> – General Manager, and – Deputy Manager (or nominated supervisor)
Job creation, skills development and business opportunities	<ul style="list-style-type: none"> – Beneficial socio-economic impacts on a local and regional scale. 	<ul style="list-style-type: none"> – Maximise local employment and local business opportunities; – Enhance the use of local labour and local skills as far as reasonably possible; and – Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<ul style="list-style-type: none"> – Monthly 	<ul style="list-style-type: none"> – Exploration Manager

6 IMPLEMENTATION OF THE EMP

Exploration work will be carried out in compliance with the relevant requirements of the Minerals (Prospecting and Mining) Act, 1992. No significant impacts are anticipated for the activities that have been identified. Management and mitigation measures are in place for potential risks.

This EMP:

- A. Has been prepared pursuant to a contract with the proponent;
- B. Has been prepared on the basis of information provided to ECC up to November 2020;
- C. Is for the sole use of the proponent, for the sole purpose of an EMP;
- D. Must not be used (1) by any person other than the proponent or (2) for a purpose other than an EMP; and
- E. Must not be copied without the prior written permission of ECC.

ECC has prepared the EMP on the basis of information provided by the proponent, specialist reports and the environmental scoping report.

7 APPENDIX A: APPLICATION FOR A WASTEWATER DISCHARGE LICENCE



DEPARTMENT OF WATER AFFAIRS & FORESTRY

FAX: (061) 208 7160 PRIVATE BAG 13184
 TEL: (061) 208 7111 WINDHOEK
 REFERENCE NO: NAMIBIA

APPLICATION FOR A WASTEWATER DISCHARGE LICENCE, IN TERMS OF PART XIV OF THE WATER RESOURCES MANAGEMENT ACT, 2004

(Act No. 24 of 2004 - as published in the Government Gazette of the Republic of Namibia, No. 3357, of 23 December 2004, Government Notice No. 284)

A. GENERAL INSTRUCTIONS

1. Applications must be submitted in duplicate to:
 The Permanent Secretary
 Attn.: Law Administration
 Ministry of Agriculture, Water and Forestry
 Private Bag 13184
 WINDHOEK
2. Application Fee (to accompany this document): N\$ _____
3. The various sections have to be completed as follows:
Section B & C - All applicants
Section D - Complete only the part relevant to technology employed in your works.
Section E - All applicants (compulsory!)
4. Only the relevant Sections that have been filled in need to be submitted with this application.
5. A separate application needs to be filled in for each different plant/works.

NAME OF TREATMENT PLANT/WORKS: _____

PLACE: _____ **GPS Coordinates:** _____
 (e.g. town, settlement)

B. GENERAL INFORMATION

1. Name of applicant: _____

2. Address - Contact Person: _____

- Postal: _____

- Physical: _____

- Tel No.: _____

- Fax No.: _____

- E-mail: _____

3. Region in which plant is situated: _____

4. Constituency in which plant falls: _____

5. Type of establishment:
(e.g. school, town, industry) _____

6. Source of water supply:
(e.g. borehole, river, sea) _____

7. Total water consumption: m³/day ADWF*

(*ADWF = Average Dry Weather Flow) m³/day ADWF*

- Consumption based on the average usage over a 12-month period. m³/day ADWF*
- List different sources separately m³/day ADWF*

8. Application:

- Prepared by: Name : _____ Position: _____
(e.g. Consultant) Signature: _____ Date: _____
- Responsible Executive: Name : _____ Position: _____
Signature: _____ Date: _____

C. TECHNICAL DETAILS - GENERAL

Answers to the following information must be contained in this application either from the questionnaire or as an attachment thereto (see also details in Appendix A):

NAME OF TREATMENT PLANT/WORKS: _____

1. Type of effluent (please also refer to Section D for classifications): _____

2. Site of works:

2.1 Submit a site plan indicating the exact location (or intended location) of the works. This plan should indicate (as a minimum):

- 2.1.1 General location of the works with regards to settlements, main roads, boreholes, rivers etc.
- 2.1.2 Layout plan of property showing all existing and proposed water pipes and effluent and drainage lines in distinctive colours.
- 2.1.3 Topographical plan/area photograph/contour plans showing the property and effluent treatment plant in relation to residential areas, rivers, pans, dams, lakes and boreholes.
- 2.1.4 Contour plans indicating the exact location of the effluent treatment works and point of discharge of final effluent in relation to watercourses that drain the area.
- 2.1.5 Give the following information:
 - 2.1.5.1 Distance to nearest inhabitants: _____m
 - 2.1.5.2 Distance to nearest water abstraction point (e.g. river, borehole): _____m
 - 2.1.5.3 Distance to nearest watercourse (e.g. dry river) and specify: _____m
 - 2.1.5.4 Wind direction (main/normal) _____

2.2 Submit overall details of works:

- 2.2.1 Type of effluent treatment system and a brief description of its method of operation. (If domestic effluents are dealt with by the local authority please enclose a letter from the authority confirming this agreement).
- 2.2.2 Flow diagram/mass balances to show the present average quantities of incoming water, recycled water, final outflow, seepage and evaporation losses (all in m³/day).
- 2.2.3 Layout orientation drawing indicating all major treatment units and fence around works.
- 2.2.4 Complete flow diagram and key design parameters to include:
 - 2.2.4.1 Dimensions and design capacities of each unit process;
 - 2.2.4.2 Process Flow Diagram(s) and major instrumentation employed, e.g. water meters;
 - 2.2.4.3 Loadings on the system (e.g. hydraulic, COD, BOD, nitrogen, phosphate);
- 2.2.5 Indicate allowances that have been made for future expansion and increased loads (if any).
- 2.2.6 Methods of sludge disposal or recirculation.
- 2.2.7 Disinfection of the final effluent (indicate dosing type, method, retention period and optimum disinfectant level in final effluent).

3. Monitoring boreholes for monitoring groundwater pollution over time must be available within 500 m of the point of final effluent discharge.

4. Please note: Additional information is required for new treatment plants (e.g. an environmental impact assessment) - details can be obtained from the Department of Water Affairs and Forestry.

5. All relevant information must be included with this application. **It is a criminal offence to deliberately withhold vital information relevant to this application.** Where applicants are found to be in contravention with this requirement, they may/will be prosecuted.

D. TECHNICAL DETAILS - SPECIFIC

Applicants should only complete sections relevant to their specific effluent (please tick relevant box):

- | | |
|--------------------------|--|
| <input type="checkbox"/> | D-1: Domestic Effluent - Includes wastewater collected in towns (excluding industrial effluent!), villages, schools, lodges, administration buildings. |
| <input type="checkbox"/> | D-2: Industrial Effluent - Includes wastewater generated by any industry, factory, etc. |
| <input type="checkbox"/> | D-3: Mining Effluent - Includes wastewater accumulated or collected due to mining operations (e.g. Acid mine wastewater) |
| <input type="checkbox"/> | D-4: Combination/mix of various effluents (list major effluent streams on page 11) |

Final Effluent Reuse

The pressure on Namibia's existing fresh-water supplies can, to a great extent, be eased by the sensible reuse of effluents for a variety of purposes including dust control, agriculture and industrial processes. Therefore, reuse of effluent after suitable treatment is encouraged.

The allowable reuse of an effluent is dependent upon its quality as well as many local circumstances and hence each application in this category needs careful and individual scrutiny, which should be undertaken by a specialist in this field and must be supported by an environmental impact assessment study.

A separate licence for effluent reuse is required and more details in this regards can be obtained from the Department of Water Affairs and Forestry.

D-2. INDUSTRIAL EFFLUENTS

Plant Name:

2.1	Describe industry and major activities resulting in effluent generation	
2.2	Capacity / Flowrates :	
	Design - Average daily flow	m ³ /d
	- Peak hourly flow	m ³ /h
	Actual (if in operation) - Average daily flow	m ³ /d
	- Peak hourly flow	m ³ /h
	If ponds are employed, state total surface area	m ²
2.3	List only major contaminants (also attach full analysis of typical effluent sample)	
2.4	Type of treatment employed (give short overview of process):	
2.5	List major treatment chemicals* employed in the unit process(es):	
2.6	Final effluent quality after treatment (put envisaged final quality for a new plant):	
2.7	Sludge generation:	
	- Volume generated	m ³ /d
	- Mass	kg/d (dry solid)
	- Method of disposal	
	- Place of disposal	
	- Major constituents	
	- If sludge ponds, state frequency of cleaning	
2.8	Do you employ cleaner production principles (CPP)? Yes/No	
	If "yes", elaborate:	
2.9	Is the following documentation included (give reason if not)?	
	▪ Water (and waste) management plan:	Yes/No
	▪ Decommissioning plan:	Yes/No

* For the chemicals employed, proper mass balances should be included that show chemical usage, movement and discharge within the factory/process(es). All safety aspects related to handling, storage and disposal of chemicals on site must be followed at all times.

D-4. COMBINATION OF VARIOUS EFFLUENTS

Plant Name:

4.1	Describe major activities resulting in effluent generation (e.g. type of industry):				
4.2	Capacity / Flowrates of different streams (major only)	1	2	3	
	Type (e.g. domestic, industrial, mining, others)				
	Design - Average daily flow				m ³ /d
	- Peak hourly flow				m ³ /h
	Actual (if in operation) - Average daily flow				m ³ /d
	- Peak hourly flow				m ³ /h
4.3	List only major contaminants (also attach full analysis of typical effluent sample)				
4.4	Type of treatment employed (give short overview of process)				
4.5	List major treatment chemicals employed in the unit process(es):				
4.6	Final effluent quality after treatment (put envisaged final quality for a new plant)				
4.7	Sludge generation:				
	- Volume generated				m ³ /d
	- Mass				kg/d (dry solid)
	- Method of disposal				
	- Place of disposal				
	- Major constituents				
	- If sludge ponds, state frequency of cleaning				

E. FINAL EFFLUENT DISPOSAL

1.4.1	Where is the final effluent discharged to? (E.g. French drain, pumped out by Local Authority, dry river course, perennial river, etc.)	
1.4.2	IF soakaway, state: - Type of soil - Suitability/porosity of soil - Size of soakaway area - Include topography and plan of soakaway area	
1.4.3	Is there any post-treatment applied? (e.g. disinfection, filtration)	
1.4.4	Is the final effluent re-used? (Yes/No)	
	If "Yes", complete:	
	- Do you have a reuse licence?	
	- Amount of water that will be re-used:	m ³ /d
	- For what application:	
	- Type of irrigation used (if applicable):	
	- What crops are grown:	
1.4.5	- Area of land that will be irrigated:	ha
	Name (if any) downstream users (downstream of discharge point).	
1.4.6	Past records of complaints or objections by people living close to works:	

Reuse:

A reuse licence is required – details can be obtained from the Department of Water Affairs and Forestry.

Irrigation:

The crops allowed to be irrigated are dependent upon effluent quality (details will be supplied on request by the Department of Water Affairs and Forestry).

10. Type of petroleum product involved in petroleum product spill

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11. Quantity of the petroleum product spill

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12. Indicate whether the petroleum product has or will have any negative effect on the environment and the safety and health of person or the property of persons

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13. Provide full details of all remedial actions taken to minimise risks associated with petroleum product spills and all cleaning-up operations taken in connection therewith

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DECLARATION

I,,
hereby declare that the information submitted by me in this application is true and correct.

.....
Signature

.....
Place

.....
Date

9 APPENDIX C - COMPLAINTS REGISTER TEMPLATE

NAME	CONTACT DETAILS	DATE AND LOCATION OF COMPLIANT	NATURE OF COMPLIANT	ACTION TAKEN TO RESOLVE	NOMINATED PERSON TO RESOLVE ISSUE <i>(Signature)</i>	DATE OF RESOLUTION/ CLOSED OUT COMPLAINT

10 APPENDIX D - MONTHLY INTERNAL COMPLIANCE CERTIFICATE

FOR THE PERIOD TO

MANAGEMENT REPRESENTATIVE:	SIGN:
SHE COORDINATOR:	SIGN:

Date of Submission: _____

Key activities on site during the month: _____

NON-CONFORMANCE:

Area of activity: _____

Reason: _____

Responsible party: _____

Results: _____

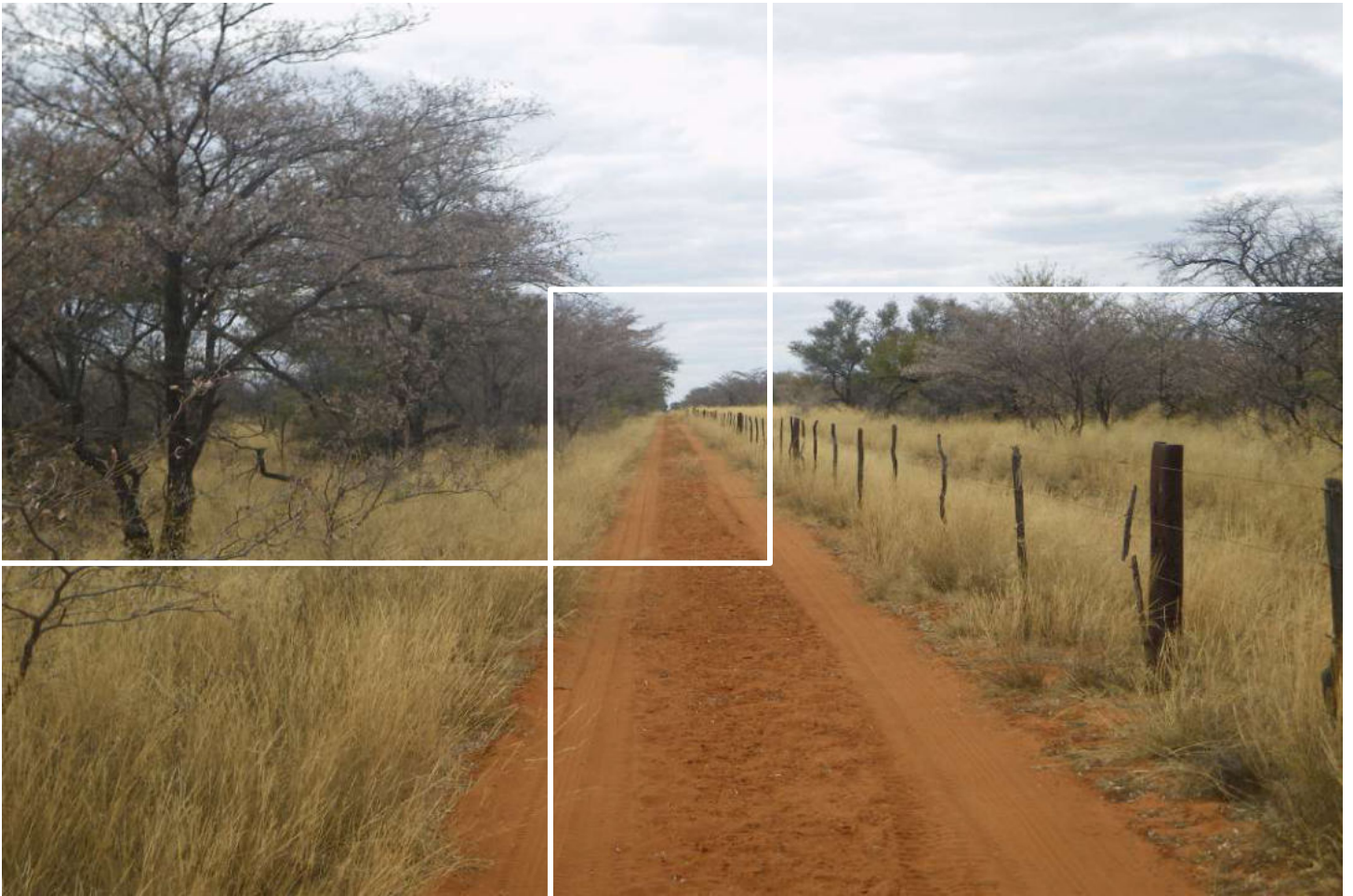
Correction action taken:

Intended follow-up:

GOOD PERFORMANCE:

Description of activity or action in which the area/person went beyond compliance towards responsible care for the environment:

ADDITIONAL COMMENTS:



Submitted to: Kuseb Copper Company
(Pty) Ltd
Attention: Dr Branko Corner and Dr
Stephan Dunn
PO Box 2055
Swakopmund
Namibia

REPORT:

EPLS BI-ANNUAL REPORT FOR THE PERIOD JULY TO DECEMBER 2021

PROJECT NUMBER: ECC-113-376-REP-06-A

REPORT VERSION: REV 01/FINAL

DATE: 05 SEPTEMBER 2022

TITLE AND APPROVAL PAGE

Project Name: EPLs bi-annual report for the period July to December 2021
Client Company Name: Kuiseb Copper Company (Pty) Ltd
Client Name: Dr Branko Corner and Dr Stephan Dunn
Ministry Reference: ECC-113-376-LET-02-A
Status of Report: Rev 01/Final
Project Number: ECC-113-376-REP-06-A
Date of issue: 05 September 2022
Review Period NA

ENVIRONMENTAL COMPLIANCE CONSULTANCY CONTACT DETAILS:

We welcome any enquiries regarding this document and its content. Please contact:



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Tel: +264 81 669 7608
Email: info@eccenvironmental.com

Quality Assurance

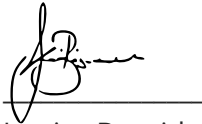
Authors:



Carlene Baufeldt

Environmental Compliance Consultancy

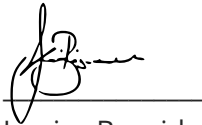
Checked By:



Jessica Bezuidenhout

Environmental Compliance Consultancy

Approved By:



Jessica Bezuidenhout

Environmental Compliance Consultancy

DISCLAIMER

Environmental Compliance Consultancy (ECC) (Reg. No. CC 2013/11401) has prepared this bi-annual environmental report on behalf of the Proponent. This report has been authored by employees of ECC, who have no material interest in the outcome of this report, nor do any of the ECC team have any interest that could be reasonably regarded as being capable of affecting their independence in the preparation of this report. ECC is independent from the Proponent and has no vested or financial interest in the Project, except for fair remuneration for professional fees rendered which are based upon agreed commercial rates. Payment of these fees is in no way contingent on the results of this report or the assessment, or a record of decision issued by Government. No member or employee of ECC is, or is intending to be, a director, officer, or any other direct employee of the Proponent. No member or employee of ECC has, or has had, any shareholding in the project. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Environmental Compliance Consultancy or its client.

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TERMS AND ABBREVIATIONS

ABBREVIATION	DESCRIPTION
a.m.	ante meridiem
AEM	airborne electromagnetic
CA	consent agreements
ECC	Environmental Compliance Consultancy
e.g.	example
EMP	environmental management plan
EPL	exclusive prospecting licence
etc.	et cetera
GPS	global positioning system
I&APs	interested and affected parties
km	kilometre
km/h	kilometre per hour
KCC	Kuiseb Copper Company (Pty) Ltd
L	litre
MEFT	Ministry of the Environment, Forestry and Tourism
MME	Minsitry of Mines and Energy
MSDS	material safety data sheets
No.	number
p.m.	post meridiem
RES	Remote Exploration Services
RT	Rio Tinto Mining and Exploration Ltd
SOP	standard operating procedure

1 INTRODUCTION

1.1 BACKGROUND INFORMATION

Kuiseb Copper Company (Pty) Ltd (KCC) (referred to as the ‘Proponent’) and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for nineteen approved exclusive prospecting licences (EPLs) for base and rare metals, and precious metals in the Khomas and Omaheke regions.

The overall exploration project EPLs are located as per the following regions:

- Khomas region: EPLs 7730, 7731, 7732, 7538, 7539 and 7542
- Omaheke region: EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540, 7541 and 7543

Exploration is a listed activity in terms of the Environmental Management Act, No.7 of 2007, and Regulations (2012). Currently a standalone environmental management plan (EMP) is compiled and approved for all the EPLs as per the environmental clearance certificate issued by the Ministry of Environment, Forestry and Tourism (MEFT) per EPL. Additionally, an environmental clearance certificate was issued for an airborne electromagnetic (AEM) survey which was conducted over 15 of the EPLs. The conditions and commitments of these documents must be adhered to during all exploration activities. Figure 1 provides a satellite locality overview of each EPL.

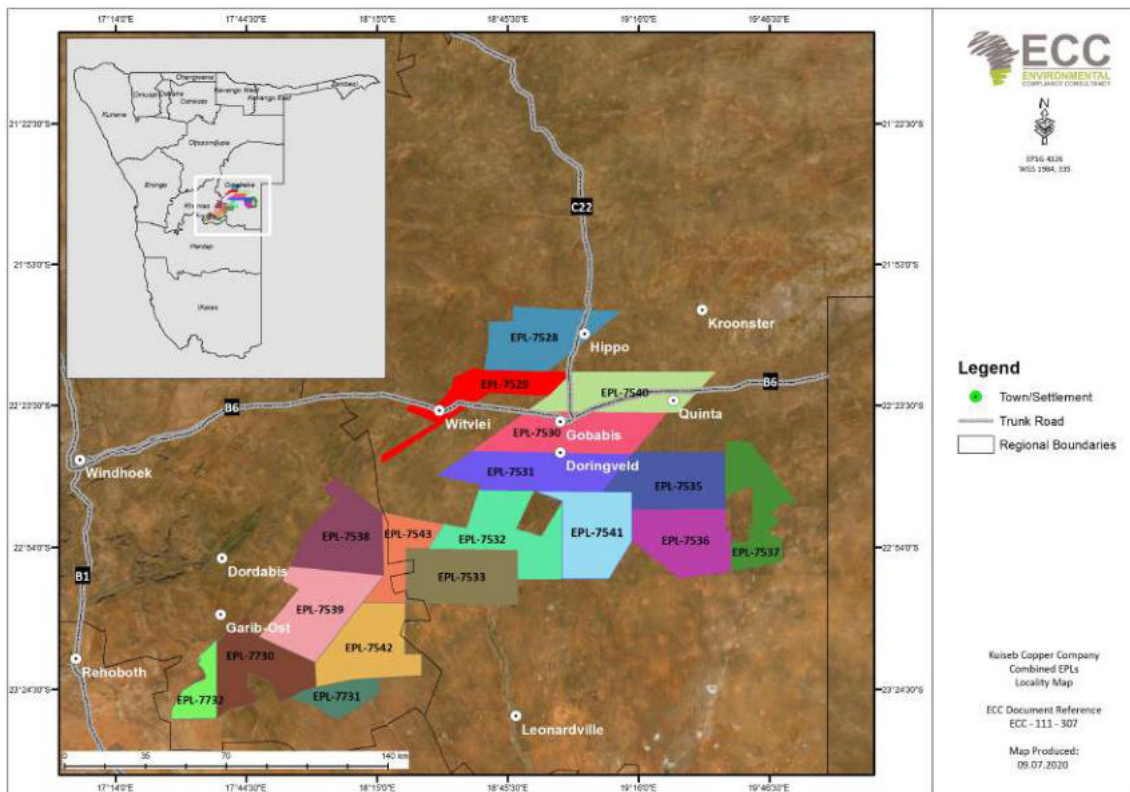


Figure 1 – Site satellite locality image of the listed EPLs

1.2 PURPOSE OF THIS DOCUMENT

Environmental Compliance Consultancy (ECC) has been engaged by the Proponent to compile the bi-annual report for all listed EPLs for the period of July to December 2021. This report details the activities conducted by the Proponent during this reporting period. This includes details on the approved AEM survey conducted during the period under review (18 November 2021 to 17 February 2022). The aim of the report is to determine if the Proponent was compliant in terms of the requirements of the approved EMP. Due to the limited ground activities conducted on the EPLs during the reporting period, only one physical audit was conducted on EPL 7536 by ECC staff on 15 October 2021, covering the period 29 September to 4 October 2021, during which a soil sampling campaign took place. Compliance to the EMP for this activity will further be discussed in this report.

1.3 PROPONENT DETAILS

Kuiseb Copper Company (Pty) Ltd is a Namibian company in a joint venture with Rio Tinto Mining and Exploration Ltd, which is a global company. The exploration program is managed by Remote Exploration Services (RES), a South African company. The Proponents details are set out in Table 1.

Table 1 – Proponent details

Contact	Postal Address	Email Address	Telephone
Kuiseb Copper Company (Pty) Ltd Remote Exploration Services	P O Box 2055 Swakopmund Namibia	branko@iafrica.com.na stephan@res.co.za	+264 81 124 6757 +264 81 274 3848

2 EXPLORATION ACTIVITIES

During the period under review, the two main activities took place, i) soil sampling on EPL 7536 and ii) an AEM survey covering 15 EPLs. These are listed as the following:

- Kuiseb Copper: EPLs 7730, 7732
- Rio Tinto: EPLs 7528, 7529, 7530, 7531, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543

No complaints were received from interested and affected parties (I&APs) during the period under review. No environmental incidents were recorded during the reporting period. A review of the compliance of the EMP commitments can be found in the table in section 3. Any recommendations will be discussed and presented in section 4.

Future work includes additional soil sampling, air core drilling and diamond drilling at select target sites.

2.1 LANDOWNER LIAISON

Engagements with the various farm owners or managers took place before soil sampling activities commenced on EPL 7536. Figure 2 provides a locality overview of the affected farm boundaries and farm numbers.

Prior to commencement of the AEM survey, formal consent agreements (CA) were signed by a total of 125 farm owners. During the operations of the survey, each farm owner was notified on a daily basis of the commencement of coverage over their farms. The survey did not take place on days where weather conditions were not favourable (e.g. rain, strong winds) or instrument breakdowns. **Error! Reference source not found.** E provides a list of the farmers that consulted during the process in order for the survey to proceed. Take note that this is a full list of the consultation and not all farm owners signed consent agreements if there was no planned AEM coverage.

Figure 3 provides a visual overview of the AEM survey activities that were conducted.

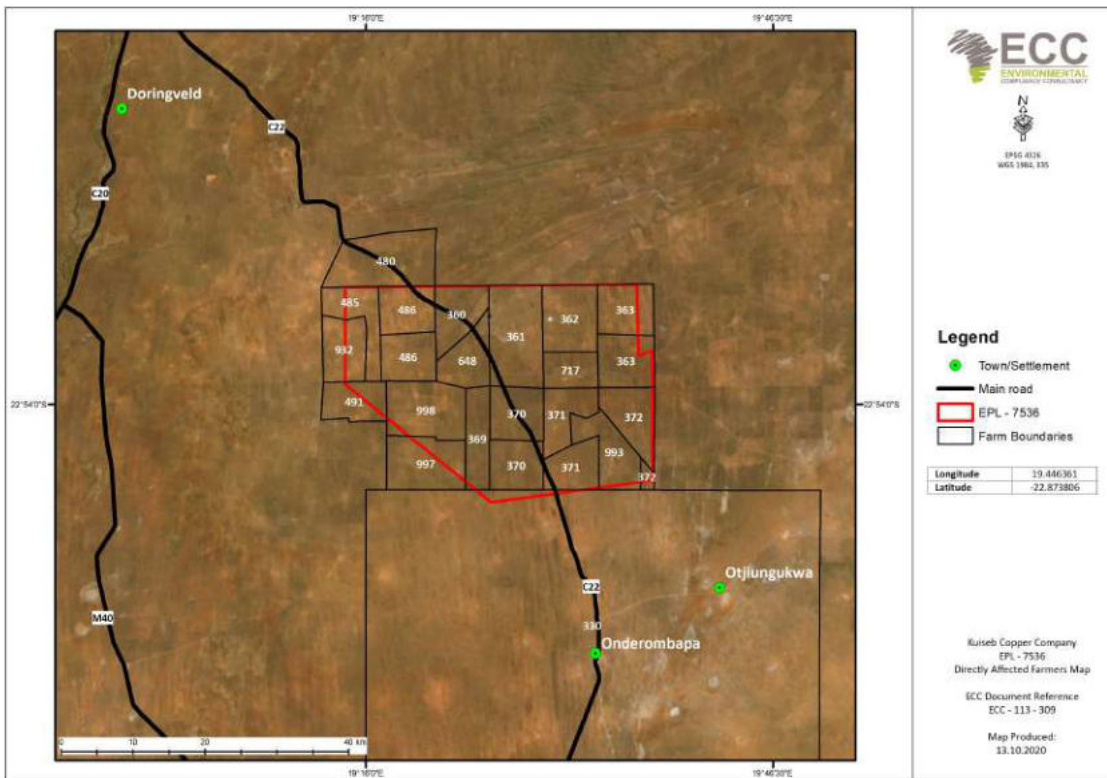


Figure 2 – Locality map of EPL 7536 with farm boundaries



Figure 3 – AEM survey in operation, on take off

2.2 SOIL SAMPLING

Geological fieldwork was conducted between 29 September to 04 October 2021 on EPL 7536. Thirteen personnel were employed during the period under review, all staff were male. Nine employees are categorised as unskilled and four persons on a management level (geologists, geo-technicians).

3 EXPLORATION EMP COMPLIANCE AUDIT

This section provides an overview of the compliance with EMP requirements as depicted in the approved EMP for all EPLs (Appendix A). Overall compliance to the EMP was scored as 85.19 % for the audit conducted on EPL 7536, with seven recorded non-compliances.

Table 2 – Exploration EMP compliance audit

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners, - Disruption of farm operations (leaving gates open, loss of farming area, interference at waterpoints) - Potential conflict with farm owners and neighbours (suspicious movement, poaching, stock theft, field fires, etc.). 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced, - Farmers should have access to all farm areas at all times, - Existing water points and feeding area need to be left, unaffected, - Use existing roads for access to avoid new tracks and cut lines, - Compliance with all applicable laws and agreements. 	- Compliant	- Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period.
	<ul style="list-style-type: none"> - Potential grievances and complaints, - Social discomfort and anxiety 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private farms and implement monitoring programmes thereafter, - Maintain continuous communication with interested and affected parties (I&APs) to identify concerns and mitigation measures, 	- Non compliance	- All employees and contracted labourers need to undergo training on awareness of stock theft and poaching as it is a requirement in the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Compliance with all applicable laws and agreements, - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching, - Ensure appropriate supervision of all activities daily, - Accidents and incidents need to be reported to exploration manager and recorded in the incident register. 		<ul style="list-style-type: none"> - No proof of training is available as no formal training took place. - An incident register needs to be made and implemented. - Contractors staying on site need to be informed about the prohibition on poaching any wildlife.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
General exploration activities	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed, injured or killed by movement of vehicles and equipment 	<ul style="list-style-type: none"> - Restrict movements to areas of activities only, - Use existing tracks and routes as far as practically possible, - Identify rare, endangered, threatened and protected species in advance such as the white or black rhino, - Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.), - Restrict movements to daytime hours, - Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas, - No driving off designated access routes (into the bush) or any off-road, - No animals or birds may be collected, caught, consumed or removed from site. 	<ul style="list-style-type: none"> - Non compliant for EPL 7536 audit - Compliant for AEM survey activities 	<ul style="list-style-type: none"> - All personnel need to be trained and need to know which areas need to be avoided. - Proof of training needs to be provided. - For the AEM survey, mitigation measures number 3 and 6 were fully adhered too and implemented. KCC further advised a bird specialist to monitor vulture chick response. No issues were reported.
	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed as a result of ambient noise from operations and movements of vehicles and equipment 	<ul style="list-style-type: none"> - Restrict excessive noise to areas of activities only, - Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays), 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Activities restricted to daytime and communication with farmers held in

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Conflict with farmers and neighbours about rising of ambient noise levels 	<ul style="list-style-type: none"> - No activities are allowed between dusk and dawn, - Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors, - Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property, - All equipment to be shut down or throttled back between periods of use, - Adhere to civil aviation regulations about the use of a drone, if necessary. 		<p>advance of activities taking place.</p>
	<ul style="list-style-type: none"> - Visual disturbances 	<p>Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock Maintain good housekeeping standards on site, Maintain continuous communication with I&APs to identify concerns and mitigation measures.</p>	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No complaints received during the reporting period. - Only soil sampling conducted during the reporting period, no drilling activities. - The Proponent will ensure EMP requirements are adhered to and mitigation measures

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Dust and emissions 	<ul style="list-style-type: none"> - All vehicles and machinery or equipment to be shut down or throttled back between periods of use, - Use existing access roads and tracks where possible, - Apply dust suppression where possible, - Restrict the speed of vehicles (<30 km/h), - Specific activities that may generate dust and impact on residents shall be avoided during high wind events, - Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property, - Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 	<ul style="list-style-type: none"> - Compliant 	<p>implemented where required.</p> <ul style="list-style-type: none"> - Existing access tracks used. - Only soil sampling conducted, which is an invasive exploration technique and dust emissions only from vehicles.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Loss of soil quality due to mixing of earth matter, trampling, compaction, and pollution, - Enhanced soil erosion 	<ul style="list-style-type: none"> - Where possible, plan access routes, drill pads and camps outside of existing drainage lines, - Where necessary, install diversions to curb possible erosion, - Restore drainage lines when disturbed, - Topsoil should be stockpiled separately, and re-spread during rehabilitation, - Limit the possibility of compaction and creating of a hard subsurface, - Limit the possibility of trampling, - During drilling oil absorbent matting should be placed under and around the rig, - Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil, - In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site, - Limit the possibility of mixing mineral waste with topsoil. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Existing access tracks used and no soil contamination from light delivery vehicles reported.
	<ul style="list-style-type: none"> - Groundwater contamination 	<ul style="list-style-type: none"> - Ensure drill pads and spill kits are in place on site, 	<ul style="list-style-type: none"> - Non compliance 	<ul style="list-style-type: none"> - There are no effluent systems on site.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Consider alternative sites when the water table is too high, - Wastewater shall be contained, - Where possible, water from existing water sources shall be used. 		
<p>Airborne EM survey (AEM) over the EPL, possible low flying, indication of line spacing</p>	<ul style="list-style-type: none"> - Perceived impact from low-flying EM survey activities on livestock and humans. 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior, - The following information is to be included in the written communication sent to the interested and affected parties. This can be in the form of a Press Notice; <ul style="list-style-type: none"> o Company name, o Survey dates, time and duration, o Purpose of the survey, o Flight altitude, o Survey location, map of survey area and flight lines, and o Contact details for enquiries. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties were informed in writing at least 2 weeks prior to commencement, and verbally 2 days prior to flights over specific farms. A total of 125 CAs were signed by at least 2 weeks prior, I&APs. - Engagements took place as required and daily notifications were sent to farm owners during the survey activities. - No issues reported

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Vegetation clearance for access routes, drill pads and temporary contractor camps	<ul style="list-style-type: none"> - Loss of plant species - Loss of habitat - Create landscape scars - Enhance erosion - Loss of sense of place 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines, - Minimise clearance areas through proper planning of the exploration activities, - Route new tracks around established and protected trees, and clumps of vegetation, - Identify rare, endangered, threatened and protected species, - During toolbox talks and induction, highlight to workers that the removal of significant plants should be avoided, - Where possible rescue and relocate plants of significance, - Promote revegetation of cleared areas upon completion of exploration activities. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Existing access tracks used and no disturbance to vegetation required. - The Proponent will ensure EMP requirements are adhered to and mitigation measures implemented where required.
	<p>Alien plants and weeds can accidentally be introduced</p>	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and seed inspection completed prior to equipment being used, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances reported. - The Proponent will ensure EMP requirements are adhered to and mitigation measures

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Ensure contractors receive induction on spread of alien weed, - Ensure the potential introduction and spread of alien plants is prevented, - Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants, - Eradicate weeds and alien species as soon as they appear, - Make workers aware about alien species and weeds. 		implemented where required.
<p>Fuel handling and storage, maintenance on equipment, machinery and vehicles</p> <p>Inadequate control or accidental releases of hazardous</p>	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Enhance accidental veld fires during high wind periods 	<p>Storage</p> <ul style="list-style-type: none"> - Label chemicals appropriately, - Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the material safety data sheets (MSDS) which should be readily available, - Store chemicals in a dedicated, enclosed, and secure facility with a roof and concrete floor. Chemical tanks should be completely contained within 	- Non compliance	<ul style="list-style-type: none"> - The exploration team does not make fire on site for food or coffee water that can cause a fire. - The company health and safety policy needs to be consulted with regards to the number and type of fire extinguishers needed for each type of equipment and activity.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>substances on site</p>		<p>secondary containment such as bunding,</p> <ul style="list-style-type: none"> - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives, - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations, - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <p>No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites,</p> <p>The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option,</p> <p>No cigarette butts are allowed to be discarded into the environment. These</p>		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>should be contained in appropriate domestic containment bins and disposed of at the local landfill site, No unauthorised movement beyond the exploration areas and campsites is allowed, Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles), Control and reduce the potential risk of fire by segregating and safe storage of materials, Avoid potential sources of ignition by prohibiting smoking in and around facilities, Fire extinguishers should always be at designated areas and should be inspected regularly.</p> <p>Spills</p> <ul style="list-style-type: none"> - Spill kits with the following items as a minimum should be made available on site: <ul style="list-style-type: none"> o Absorbent materials, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> ○ Shovels, ○ Heavy-duty plastic bags, ○ Protective clothing (e.g., gloves and overalls), - Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops, - For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (i.e., spill trays, impervious sheets), - Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel, - No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams. - Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, - All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill", attached as Appendix B.</p> <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> - Assess the situation for potential hazards, - Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided, - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p> <ul style="list-style-type: none"> - Spills are to be stopped at source as soon as possible (e.g. close valve or upright drum), - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary to excavate the underlying soils until clean soils are encountered, - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed to appropriately licensed facilities, - A written incident report must be submitted to the general manager. 		
Generation of waste	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Nuisance (visual impacts, litter) - Ecological risks 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site, - Training and raise awareness through toolbox talks and induction, - Implement a standard operational procedure (SOP) on waste management, from all kinds of waste possible on-site (e.g. hydrocarbons, domestic, waste water), - Implement a culture of correct waste collection, waste segregation and waste disposal, complimentary to the 	- Compliant	<ul style="list-style-type: none"> - Limited activities during the reporting period with limited staff. - No non-conformances reported. - Waste taken into the EPL is removed and disposed of offsite. - The Proponent will ensure EMP requirements are adhered to and

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		waste hierarchy – avoid, re-use, recycle, – Wastewater discharges will be contained – no disposal of waste water directly into the environment is allowed.		mitigation measures implemented where required.
Water use	<ul style="list-style-type: none"> – Soil contamination – Ground and surface water contamination – Nuisance (visual and odour) 	<ul style="list-style-type: none"> – Minimise the operational consumption of water throughout the operations of the project, – Visual monitoring and photographic record should be kept of any surface and / or groundwater intersected, – Recycle wastewater, where possible, – Install devices to prevent spills and overfills, e.g. shutoff devices for large volume tanks (e.g. > than 2000 L), – Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants, – Segregation of wastewater (domestic and industrial effluent), – During operations, monitoring of wastewater discharges (specific to a wastewater discharge permit 	<ul style="list-style-type: none"> – Complaint 	<ul style="list-style-type: none"> – Limited activities during the reporting period with limited staff. – No non-conformances reported. – No water utilised or disturbance to water sources. – No waste water facilities on site. – The Proponent will ensure EMP requirements are adhered to and mitigation measures implemented where required.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		conditions) should be conducted on a regular basis (quarterly).		
Heritage	Disruption of heritage sites	<p>In case of discovering or unearthing heritage sites, particularly palaeontological or archaeological finds, the following measures (chance find procedure) shall be applied:</p> <ul style="list-style-type: none"> - Work to cease, area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed, - The site manager to visit the site and determine whether work can proceed without damage to findings, mark exclusions boundary and inform the environment and social manager with the GPS position if possible, - If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice, - Exploration manager or archaeological specialist to evaluate the significance of the remains and identify 	- Compliant	<ul style="list-style-type: none"> - Non observed during the reporting period. - The Proponent will ensure EMP requirements are adhered to and mitigation measures implemented where required.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains)</p> <ul style="list-style-type: none"> - Inform the police if the remains are human, and - Obtain appropriate clearance or approval from the competent authority, if required, and recover and remove the remains to the national museum or national forensic laboratory as directed. 		
<p>Job creation, skills development and business opportunities</p>	<ul style="list-style-type: none"> - Beneficial socio-economic impacts on a local and regional scale 	<ul style="list-style-type: none"> - Maximise local employment and local business opportunities, - Enhance the use of local labour and local skills as far as reasonably possible, - Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - 14 Staff employed during the reporting period, whereby 9 locals were employed for unskilled labour. - The Proponent will ensure EMP requirements are adhered to and mitigation measures implemented where required during active field campaigns.

4 CONCLUSION

Seven environmental non-conformances in line with the EMP requirements were noted during the period under review for the audit conducted in October 2021 for the soil sampling campaign on EPL 7536. Conclusions drawn from the audit are listed as follows:

- Training was not provided to the contracted employees that conducted the soil sampling on site. Even though staff not left alone and are always supervised, they still need to undergo training on poaching, stock theft and what areas should be avoided to be able to be compliant with the regulations of the EMP;
- Registers need to be developed to keep account of incidents on site;
- Fire extinguishers need to be available in the event of fire; and
- The company policy needs to be consulted with regards to fire extinguishers and vehicles.

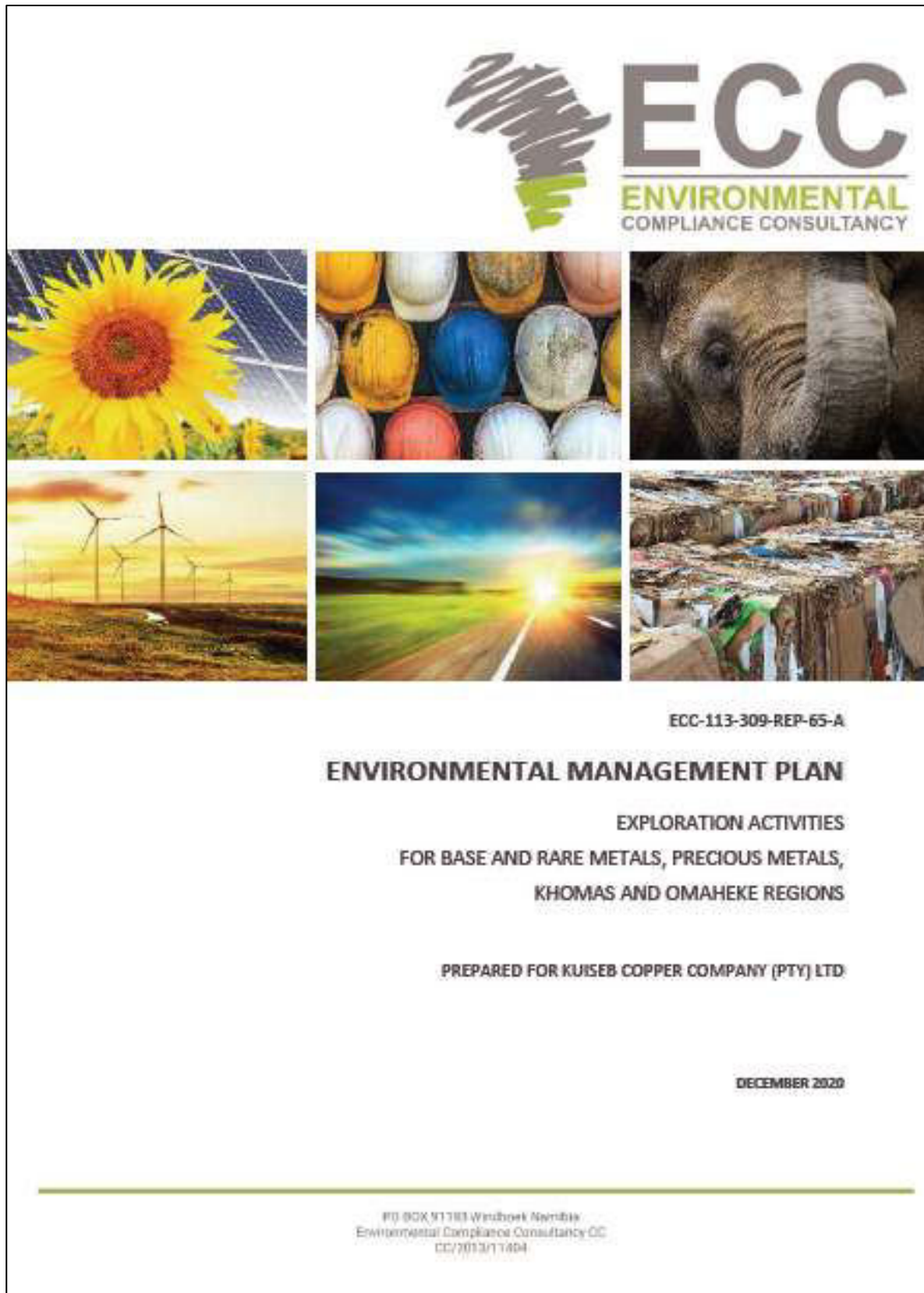
These non-conformances have been addressed by the Proponent and will further be discussed during the next reporting period.

Landowner liaison took place accordingly with landowners before soil sampling activities could be conducted. Fieldwork involved utilising existing access tracks and walking where driving was not possible. Sampling techniques during the soil sampling were non-invasive and therefore no rehabilitation was required to be conducted.

The AEM survey was conducted from September to December 2021 during the reporting period and further extended into the next reporting period (up until February 2022). All farm owners were contacted residing on each EPL and compensation agreements were signed with 125 farm owners. Communication regarding the survey was daily in order to ensure farm owners are informed of the activities and to remediate any immediate concerns that might arise. The AEM survey was conducted over EPLs 7528, 7529, 7530, 7531, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730 and 7732.

Therefore, no activities were conducted on EPLs 7731, 7532, 7533 and 7534 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for these EPLs.

APPENDIX A – EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN FOR ALL EPLS



APPENDIX B – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (KHOMAS REGION)

ECC – 001411 Serial: E7vz831411



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: **2021-06-08**
Expires on this date: **2024-06-08**



14 JUN 2021
ENVIRONMENTAL COMMISSIONER
REPUBLIC OF NAMIBIA

(See conditions printed over leaf)



This certificate is printed without erasures or alterations

ECC- 001400

Serial: j4Vv1g1400



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7731 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

[See conditions printed over leaf]



ECC – 01420

Serial: ND6O291420



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7732 for base and rare metals,
precious metals, Khomas Region.**

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7538 for base and rare metals, precious
metals in the Khomas Region**

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TO

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P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7539 for base and rare metals, precious
metals in the Khomas Region**

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In accordance with Section 37(2) of the Environmental
 Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
 P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
 metals in the Omaheke Region**

Issued on the date: **2021-06-08**

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 WINDHOEK, NAMIBIA
09 JUN 2021
 ENVIRONMENTAL COMMISSIONER



APPENDIX C – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (OMAHEKE REGION)

ECC – 01243 Serial: gWfIP51243



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In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration Activities on EPL 7528 for Base and Rare Metals and
Precious Metals in the Omaheke Region**

Issued on the date: **2021-02-22**
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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7529 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08



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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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ECC – 001401

Serial: 3FT1131401



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7531 for base and rare metals, precious
metals in the Omaheke Region

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7532 for base and rare metals,
precious metals, Omaheke Region.**

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TO

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P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7533 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

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Management Act (Act No. 7 of 2007)

TO

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P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7534 for base and rare metals, precious
metals in the Omaheke Region**

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

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P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7535 for base and rare metals and precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

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Serial: e9KZaY1419



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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7536 for base and rare metals and
precious metals, Omaheke Region.**

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7537 for base and rare metals, precious
metals in the Omaheke Region**



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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7540 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

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Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7541 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region**

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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7543 for base and rare metals, precious
metals in the Omaheke Region**

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APPENDIX D – KCC AIRBORNE ELECTROMAGNETIC (AEM) SURVEY ENVIRONMENTAL CLEARANCE CERTIFICATE

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<p align="center">ENVIRONMENTAL CLEARANCE CERTIFICATE</p>	
<p align="center">ISSUED</p>	
<p align="center">In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)</p>	
<p align="center">TO</p>	
<p align="center">Kuiseb Copper Company (Pty) Ltd P.O. Box 2055, Swakopmund</p>	
<p align="center">TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY</p>	
<p align="center">Airborne Electromagnetic (AEM) survey using a small aircraft or helicopter across areas of interest over 19 EPLs within the Omaheke and Khomas regions</p>	
<p>Issued on the date: 2021-06-08</p>	 <p align="center">ENVIRONMENTAL COMMISSIONER</p>
<p>Expires on this date: 2024-06-08</p>	<p>(See conditions printed over leaf)</p>
	

APPENDIX E – FARM OWNERS THAT WERE CONSULTED IN ORDER FOR THE AEM SURVEY TO BE CONDUCTED

FARM NUMBER	FARM NAME	REGION
68/REM	Den Haag	Khomas
68/04 or 03	Den Haag/ Kuile	Khomas
194/02	Ellof	Khomas
60	Girib Ost	Khomas
65	Gravestein	Khomas
70	Hannover	Khomas
887	Hexenkesset	Khomas
66	Kous	Khomas
142	Lekkerwater	Khomas
71/REM	St Elmo	Khomas
71/01	St Elmo	Khomas
67	Versailles	Khomas
267	Kuwinamab	Khomas
247/R/A	Achenib	Khomas
247/REM	Achenib	Khomas
247/04	Achenib	Khomas
247/3/A	Achenib	Khomas
247/02/A	Achenib South	Khomas
296	Aida	Khomas
237	Alice	Khomas

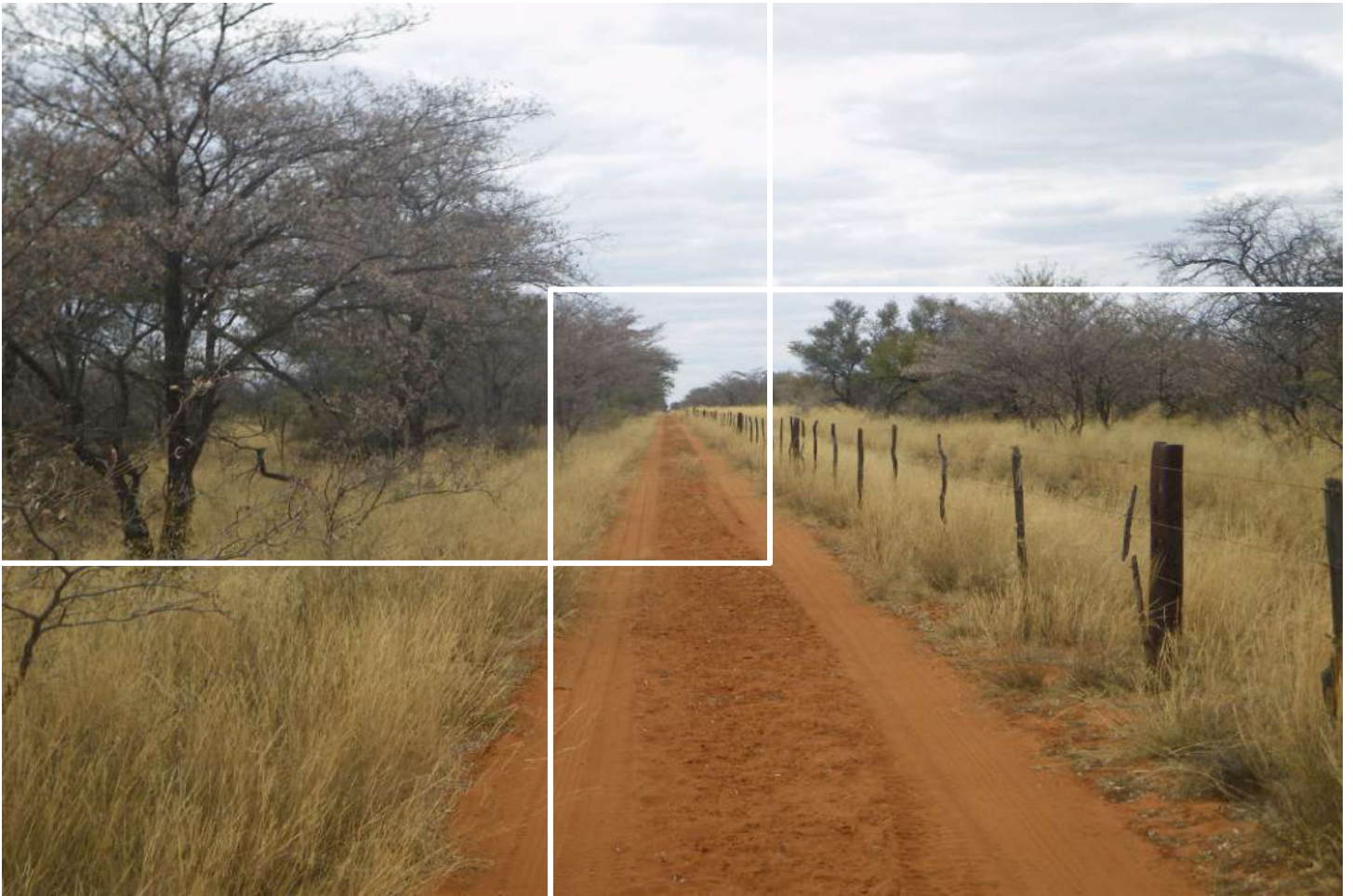
250	Anstatt	Khomas
222/REM	Arnhem	Khomas
222/01	Arnhem	Khomas
230	Constance	Khomas
68 /04?	Den Haag/ Verona	Khomas
248/REM	Doornpoort	Khomas
248/01	Doornpoort	Khomas
227	Doreen	Khomas
254/01	Eulenruh	Khomas
254/REM	Eulenruh	Khomas
244	Evril	Khomas
242	Faith	Khomas
263	Goliath	Khomas
272/REM	Graswereld	Khomas
272/01	Graswereld	Khomas
247/05	Gumgams	Khomas
231	Helene	Khomas
243	Hope	Khomas
226	Josephine	Khomas
239/REM	Julia	Khomas
239/01	Julia	Khomas
344/01	Klausgrund	Khomas
344/REM	Klausgrund	Khomas
73/02	Klein Nauas	Khomas

73/REM	Klein Nauas	Khomas
238/REM	Klippiespan	Khomas
233/02	Kowas	Khomas
233/REM	Kowas	Khomas
297	Lacockshoop	Khomas
252	Lauwater Ost	Khomas
265	Lauwater South	Khomas
251	Lauwater West	Khomas
229	Lorraine	Khomas
238	Marguerite	Khomas
268	Nautabis	Khomas
241/REM	Nina	Khomas
241/01	Nina	Khomas
241/02	Nina	Khomas
253/REM	Nonikam	Khomas
253/04	Nonikam	Khomas
218	Okambuka	Khomas
240	Olive	Khomas
225	Otjimbondona	Khomas
255	Pommernhagen	Khomas
232	Renette	Khomas
916	Rice	Khomas
273	Rooiwater North	Khomas
274	Rooiwater South	Khomas

293	Scheidthof	Khomas
340	Slaneys Hohe	Khomas
236	Smalhoek	Khomas
92	Springbockvley	Khomas
269	Springboklaagte	Khomas
266	Springboktrek	Khomas
182	Aandster	Omaheke
1028	Bassingthwaighte	Omaheke
384	Downen	Omaheke
1002/01	Drimiopsis	Omaheke
383	Eava	Omaheke
164	Eindpaal	Omaheke
1002/REM	Gelofte Feesgrond	Omaheke
382	Harem A	Omaheke
166	Harzburg	Omaheke
380	Helder	Omaheke
589	Hennopsrus	Omaheke
180	Hinterland	Omaheke
386/REM	Hippo	Omaheke
386/02	Hippo	Omaheke
386/01	Hippo	Omaheke
1045	Holzburg	Omaheke
163/REM	Hondeblaf	Omaheke
163/01	Hondeblaf	Omaheke

302	Mahagi	Omaheke
591/REM	Makannor A	Omaheke
591/01	Makannor B	Omaheke
3307	Mark East	Omaheke
304	Mark Wes	Omaheke
161	Nudom	Omaheke
181/REM	Okatjeru	Omaheke
165	Ombu Ondana	Omaheke
178	Otjimukandi	Omaheke
69	Sudan	Omaheke
162	Vergelegen	Omaheke
305	Vorwärts	Omaheke
301	Wonderboom	Omaheke
79/A	Boxhagen	Omaheke
79B	Kaukurus Ost	Omaheke
1055	Karossewie	Omaheke
72	Karossewie	Omaheke
71	Nabatsaub	Omaheke
77	Yakandanda	Omaheke
413	Elsueno	Omaheke
363/01	Goab	Omaheke
173/02	Guicus	Omaheke
409/01	Guicus	Omaheke
345/REM	Hener	Omaheke

345/02	Hener	Omaheke
345/01	Hener	Omaheke
356/REM	Humpata	Omaheke
356/01	Humpata West	Omaheke
347	Kamichab	Omaheke
706	Mooipan	Omaheke
355/01	Nico_Veronica	Omaheke
1063	Oas	Omaheke
174/A	Ohlshenhagen	Omaheke
287	Poortjie	Omaheke
596	Soetblomspan	Omaheke
412/02	Solingen	Omaheke
1058	Tygerpoort_ Leeuwpoort	Omaheke
291	Valerie	Omaheke
412/REM	Welkom	Omaheke
221	Frank	Khomas



Submitted to: Kuseb Copper Company
(Pty) Ltd
Attention: Dr Branko Corner and Dr
Stephan Dunn
PO Box 2055
Swakopmund
Namibia

REPORT:

EPLS BI-ANNUAL REPORT FOR THE PERIOD JANUARY TO JUNE 2022

PROJECT NUMBER: ECC-113-376-REP-07-A

REPORT VERSION: REV 01/FINAL

DATE: 26 SEPTEMBER 2022

TITLE AND APPROVAL PAGE

Project Name: EPLs bi-annual report for the period January to June 2022
Client Company Name: Kuiseb Copper Company (Pty) Ltd
Client Name: Dr Branko Corner and Dr Stephan Dunn
Ministry Reference: ECC-113-376-LET-02-A
Status of Report: Rev 01/Final
Project Number: ECC-113-376-REP-07-A
Date of issue: 26 September 2022
Review Period: NA

ENVIRONMENTAL COMPLIANCE CONSULTANCY CONTACT DETAILS:

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Quality Assurance

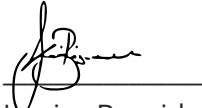
Authors:



Carlene Baufeldt

Environmental Compliance Consultancy

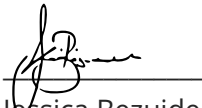
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Jessica Bezuidenhout

Environmental Compliance Consultancy

Approved By:



Jessica Bezuidenhout

Environmental Compliance Consultancy

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TERMS AND ABBREVIATIONS

ABBREVIATION	DESCRIPTION
a.m.	ante meridiem
AEM	airborne electromagnetic
CA	consent agreement
cm	centimetre
ECC	Environmental Compliance Consultancy
e.g.	for example
EMP	environmental management plan
EPL	exclusive prospecting licence
etc.	et cetera
GPS	global positioning system
I&APs	interested and affected parties
km	kilometre
km/h	kilometre per hour
KCC	Kuiseb Copper Company (Pty) Ltd
L	litre
m	metre
MEFT	Ministry of the Environment, Forestry and Tourism
MME	Ministry of Mines and Energy
MSDS	material safety data sheets
No.	number
p.m.	post meridiem
RES	Remote Exploration Services
RT	Rio Tinto Mining and Exploration Ltd
SOP	standard operating procedure
USA	United States of America

1 INTRODUCTION

1.1 BACKGROUND INFORMATION

Kuiseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for nineteen approved exclusive prospecting licences (EPLs) for base and rare metals, and precious metals in the Khomas and Omaheke regions.

The overall exploration project EPLs are located as per the following regions:

- Khomas region: EPLs 7730, 7731, 7732, 7538, 7539 and 7542
- Omaheke region: EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540, 7541 and 7543

Exploration is a listed activity in terms of the Environmental Management Act, No.7 of 2007, and Regulations (2012). An environmental management plan (EMP) was compiled and approved for all the EPLs. An environmental clearance certificate issued by the Ministry of Environment, Forestry and Tourism (MEFT) per EPL. Additionally, an environmental clearance certificate was issued for an airborne electromagnetic (AEM) survey over the EPLs. The conditions and commitments of these documents must be adhered to during all exploration activities. Figure 1 provides a satellite locality overview of each EPL.

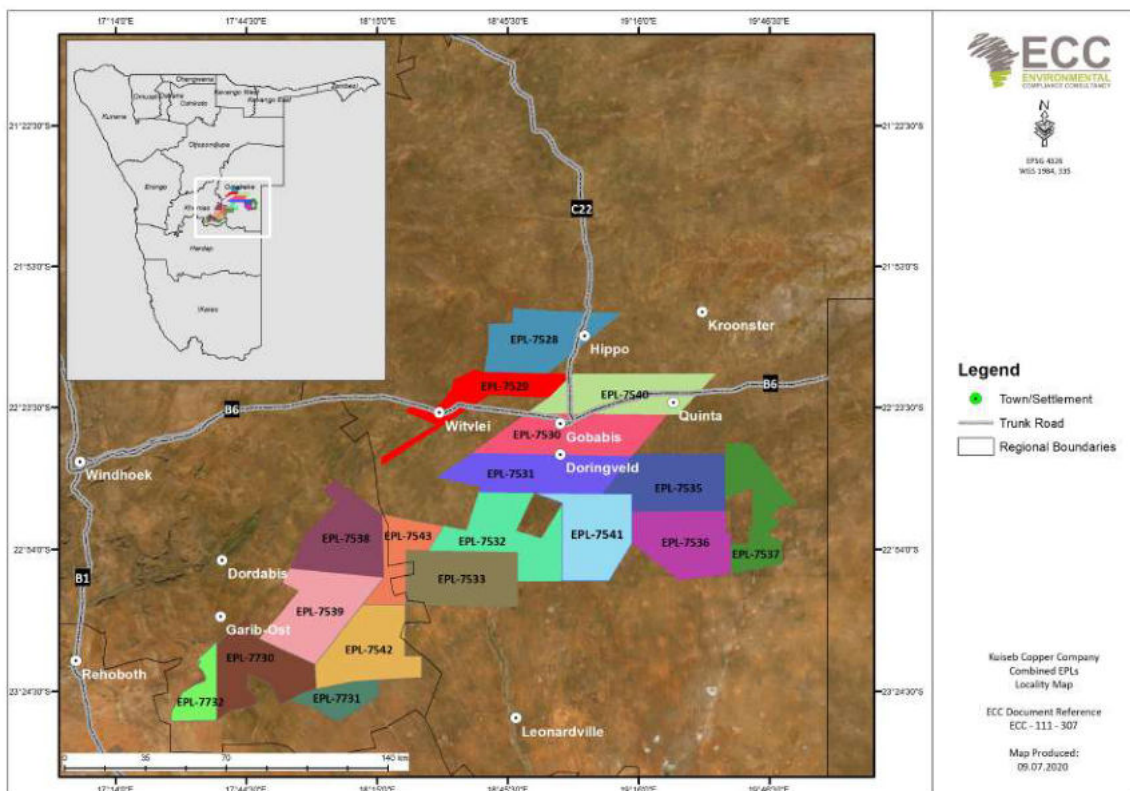


Figure 1 – Site satellite locality image of the listed EPLs

1.2 PURPOSE OF THIS DOCUMENT

Environmental Compliance Consultancy (ECC) has been engaged by the Proponent to compile the bi-annual report for all listed EPLs for the period of January to June 2022. This report details the activities conducted by the Proponent during this reporting period. The aim of the report is to determine if the Proponent is compliant in terms of the requirements of the approved EMP and will further be discussed in this report.

1.3 PROPONENT DETAILS

Kuiseb Copper Company (Pty) Ltd is a Namibian company in a joint venture with Rio Tinto Mining and Exploration Ltd, which is a global company. The exploration program is managed by Remote Exploration Services (RES), a South African company also registered in Namibia, Remote Exploration Services External Branch Namibia (Pty) Ltd. The Proponents details are set out in Table 1.

Table 1 - Proponent details

Contact	Postal Address	Email Address	Telephone
Kuiseb Copper Company (Pty) Ltd	P O Box 2055 Swakopmund Namibia	branko@iafrica.com.na	+264 81 124 6757
Remote Exploration Services	P O Box 97401 Maerua Mall Windhoek Namibia	stephan@res.co.za	+264 81 274 3848

2 EXPLORATION ACTIVITIES

During the period under review, five main activities took place, i) landowner liaison, ii) AEM survey continued from the previous reporting period, iii) farm Nudom (No. 161) environmental assessment (EPL 7528), iv) soil sampling activities and v) air core drilling activities, which was assessed by ECC on farm Helder (No. 380) (EPL 7528).

The AEM survey was conducted between 18 November 2021 and 17 February 2022 and was discussed in detail in the previous biannual report. Therefore, this specific exploration activity will not be repeated in this report again apart from the compliance rating in section 3.

No complaints were received from interested and affected parties (I&APs) during the period under review. No environmental incidents were recorded during the reporting period. A review of the compliance of the EMP commitments can be found in the table in section 3. Any recommendations will be discussed and presented in section 4.

Future work includes additional soil sampling, air core drilling and diamond drilling at select target sites.

2.1 LANDOWNER LIAISON

Engagements with the various farm owners or managers took place before soil sampling and/or air core drilling activities commenced on EPLs 7528, 7529, 7538 and 7539 by KCC and/or ECC, when required. Figure 2 – Figure 5 provide a locality overview of the affected farm boundaries and farm numbers for EPLs 7528, 7529, 7538 and 7539.

Prior to commencement of the soil sampling and/or air core drilling activities, formal compensation agreements (CA) were signed by a total of 14 farm owners. During the sampling operations, each farm owner was notified on a daily basis of planned soil sampling and/or air core drilling activities on their farms. The table below (Table 2) provides a list of the farm owners who were engaged and signed CA's per specific exploration activity.

Table 2 – Farm owners that signed consent agreements for exploration activities to be conducted on their farms by KCC

Farm name	Farm number	EPL number	Exploration activities planned
Voorwarts	305	7529	Air core drilling
Mark Ost (east)	307	7529	Soil sampling and air core drilling

Farm name	Farm number	EPL number	Exploration activities planned
Holzburg	1045	7529	Air core drilling
Helder	380	7528	Air core drilling
Hondeblaf	163/REM	7528	Air core drilling
Vergelegen	162	7528	Soil sampling
Julia	239/01 239/REM	7538	Soil sampling and air core drilling
Klippiespan	238/REM	7538	Soil sampling
Schwarzwald	344/REM	7538	Soil sampling and air core drilling
Schwarzwald	344/01	7538	Soil sampling and air core drilling
Kuwinamab	267	7539	Soil sampling
Springboktrek	266	7539	Soil sampling
Helene	231	7538	Soil sampling
Aida	296	7538	Soil sampling
Wonderboom	301	7528	Soil sampling
Doornpoort	248/REM	7539	Air core drilling

ECC was requested to engage with the farm owners and conduct separate environmental assessments before consent agreements would be signed on the following farms:

- Daheim-Okatjepuiko (EPL 7529);
- Okatjirute East (EPL 7529); and
- Nudom (EPL 7528)

Unfortunately, an environmental baseline assessment could only be conducted on farm Nudom (No. 161) during the period under review, which took place on the 24 June 2022, towards the end of the reporting period. No formal consent agreements were reached with the above farm owners during the period under review.

Figure 6 provides a visual overview of the air core drilling activities that were conducted during the drilling campaign in June/July 2022.



Figure 2 - Locality map of EPL 7528 with farm boundaries

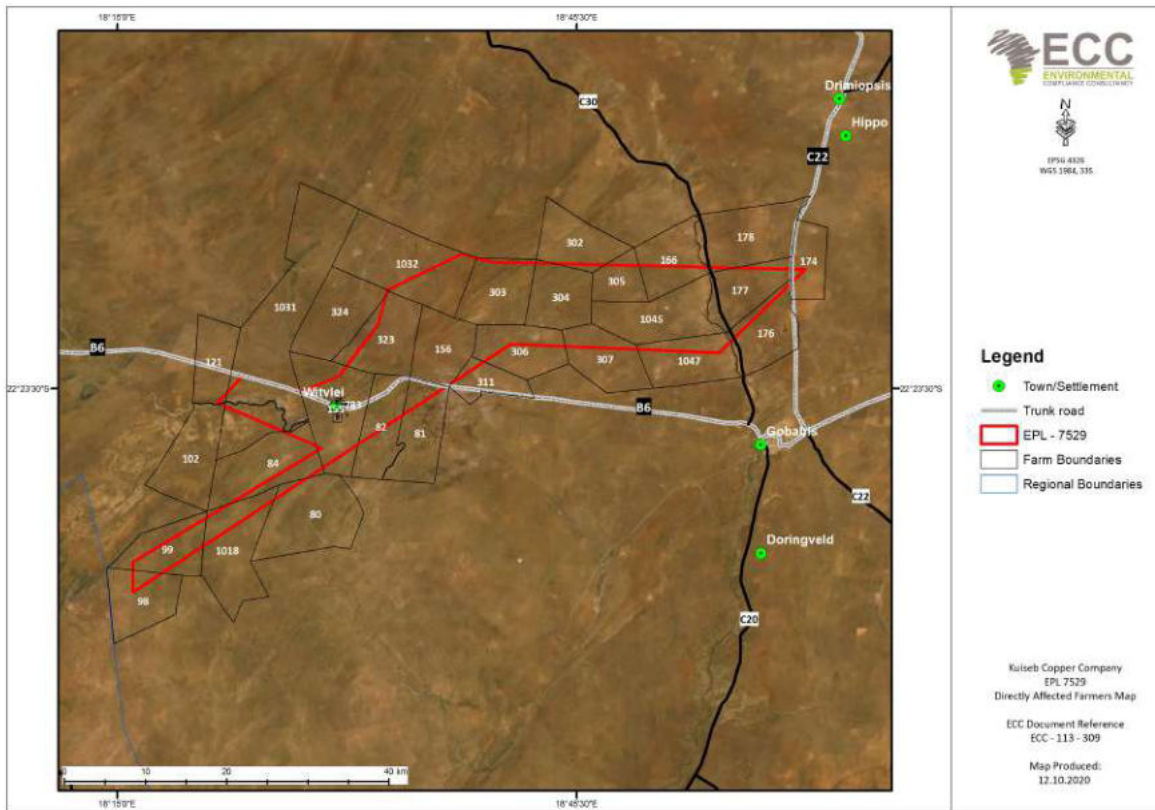


Figure 3 - Locality map of EPL 7529 with farm boundaries

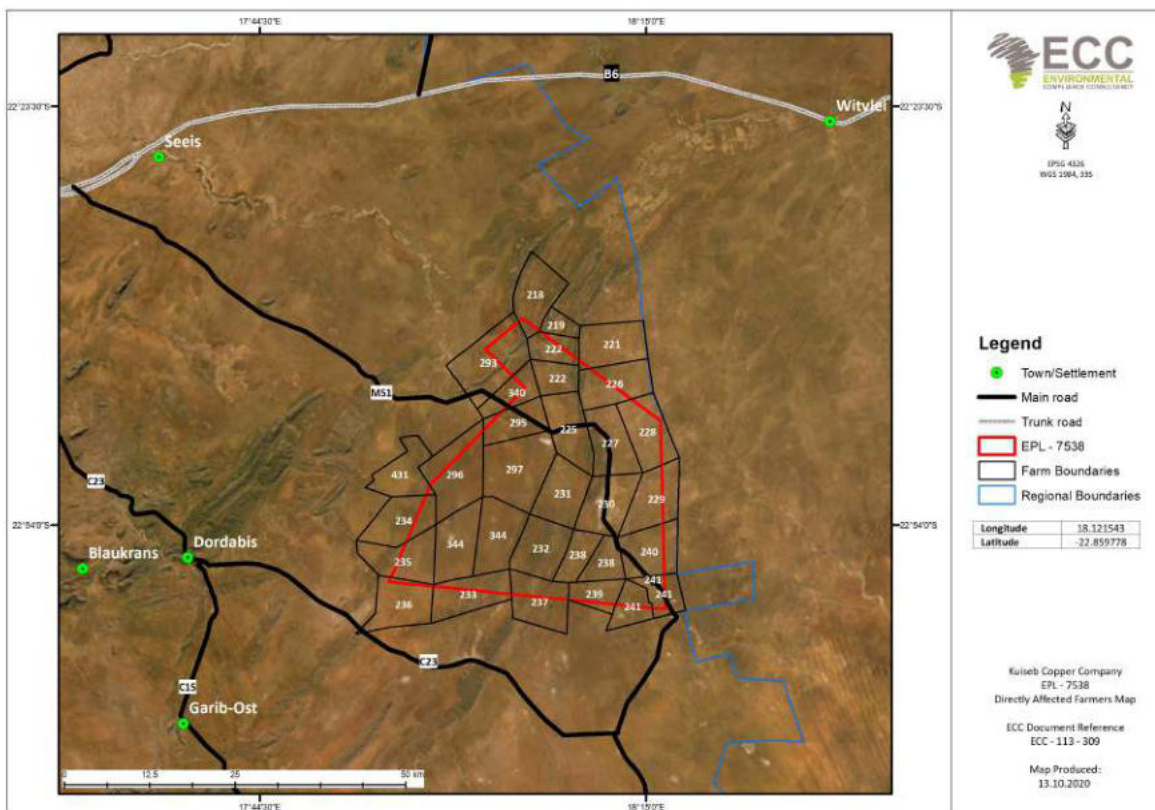


Figure 4 - Locality map of EPL 7538 with farm boundaries

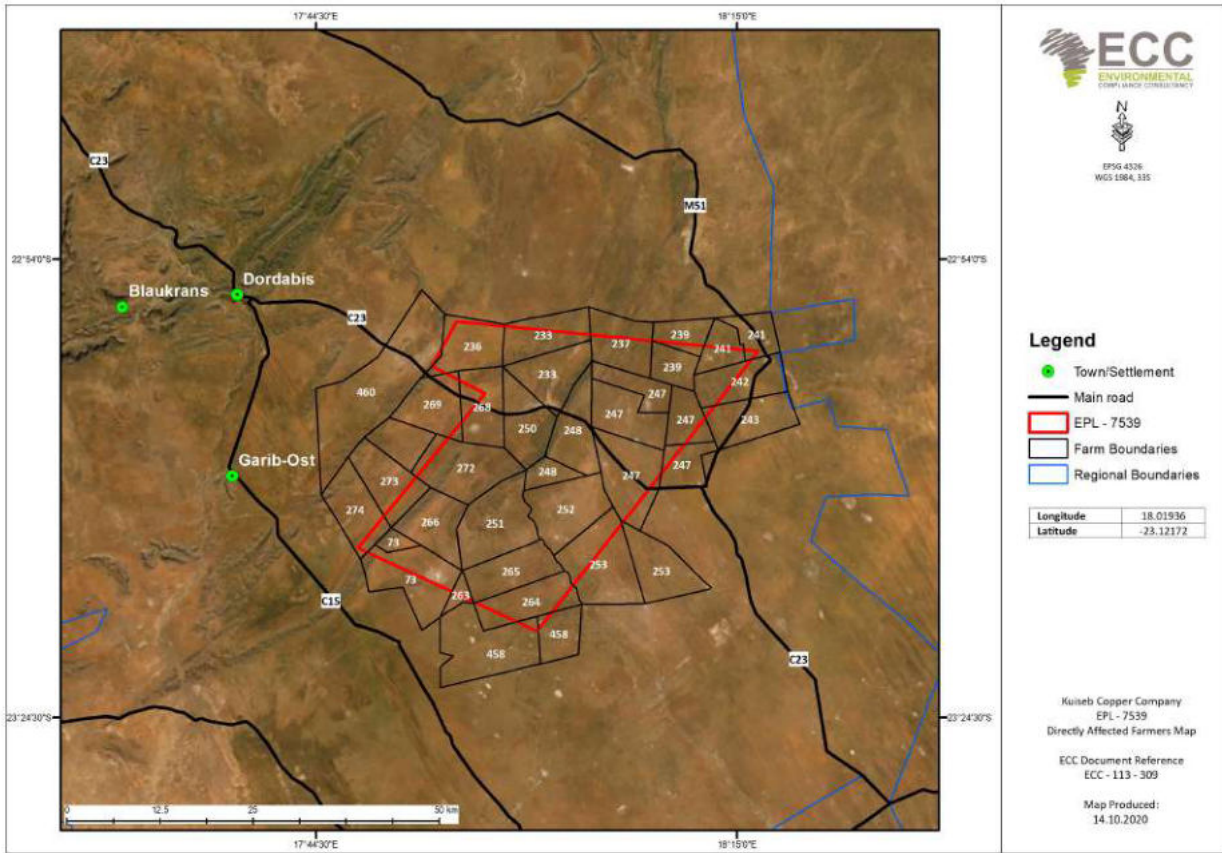


Figure 5 – Locality map of EPL 7539 with farm boundaries



Figure 6 – Air core drilling rig in operation during activities on EPL 7528

2.1.1. FARM NUDOM ENVIRONMENTAL BASELINE ASSESSMENT

The environmental baseline assessment conducted on farm Nudom, was prerequisite by the landlord to possibly enter into an access agreement with KCC for exploration purposes on EPL 7528. The assessment was conducted on 24 June 2022, by ECC staff. The assessment with the landlord covered the proposed exploration lines for soil sampling, illustrated in Figure 7, but excluded the three southern lines.

The proposed exploration method is soil sampling with an 800 m line spacing and 200 m sample spacing along line. Should this show some interest after on-site analysis of the samples, some infill lines may be sampled. Soil samples will be taken with a shovel at a depth of the width of the shovel blade (estimated 25 - 30 cm). The holes will be backfilled once the sample is collected, and the holes will not be visible. The personnel shall consist of three to four teams each of four team members, consisting of one geologist, one geotechnician and three field labourers. The field work will be carried out on foot, coming to and leaving the farm daily, using vehicles which will be driven only on existing tracks. Therefore, this type of exploration activity is considered non-invasive.

A colony of vultures nests on the farm, in an area of larger Camelthorn trees (*Vachellia erioloba*) between the Black Nossob River and the road C30, as illustrated in Figure 4. As per the Bird Atlas of Namibia and the status assessment of Namibia's vultures (Kolberg et al., 2017), this species is either the White-backed vulture (*Gyps africanus*) or the White-headed vulture (*Trigonoceps occipitalis*). Currently the White-backed vulture is listed as endangered, even though it is the most common vulture in Namibia. This species has been targeted by poachers and deliberately poisoned, especially in north-eastern Namibia, therefore their population numbers have decreased significantly over the years. The White-headed vulture is listed as vulnerable and is at its limit of its natural distribution in north-eastern Namibia (Kolberg et al., 2017). This location has been identified as a sensitive area on the farm. It is recommended that soil sampling activities here are only conducted on foot, which will minimally disturb the vultures. Further mitigation required is that soil sampling activities planned for the northern two lines are for a short duration and nests should not be accessed by the sampling team.

EPL 7528 is covered with the central Kalahari vegetation type of the Vachellia (previously Acacia) three-and-shrub savanna sub-biome. Camelthorn trees (*Vachellia erioloba*) were observed to be the dominant tree species during the field assessment.

The other sensitive area on the farm is the Black Nossob river. However, no sampling activities will take place here and no further mitigation is required.

As the exploration activity is carried out mainly on foot, no access tracks will be left behind, and only noise or dust from vehicles travelling on existing roads is expected. The maximum vehicle speed will however not exceed 40 km/h, mostly being significantly less. No vegetation is required to be removed.

Based on the site-specific environmental assessment conducted, it is reasonable to assess that the soil sampling program will have limited, if any, impacts on the environment.

The Proponent staff will be required to be inducted before work is carried out on site, as per the environmental management plan (EMP) requirements. Personnel will be informed of the sensitive areas and mitigation measures required to be enforced.

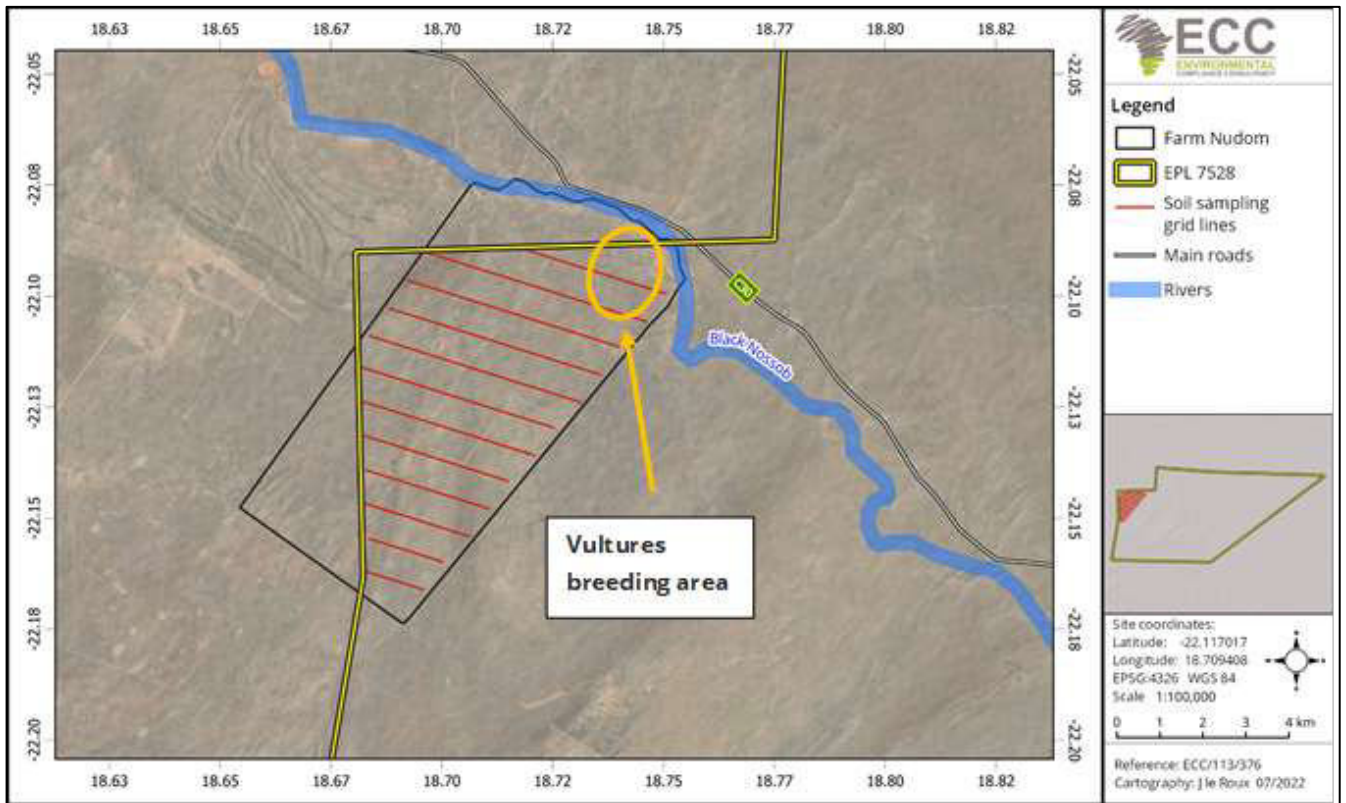


Figure 7 – Proposed exploration lines by KCC on farm Nudom (EPL 7528)

2.2 SOIL SAMPLING AND AIR CORE DRILLING

Geological fieldwork was conducted between 16 May – 21 July 2022 on farms listed in Table 2.

Figure 8 provides an overview of the soil sampling and air core drilling lines conducted on EPLs 728, 7529, 7538 and 7539. All RES personnel were contracted during the period under review by KCC. The RES team consisted of three male geologists, three male geotechnicians, two female geotechnicians and four male field labourers. Nine out of the 12 personnel are Namibian, apart from two of the geologists that are South African and American (USA), respectively.

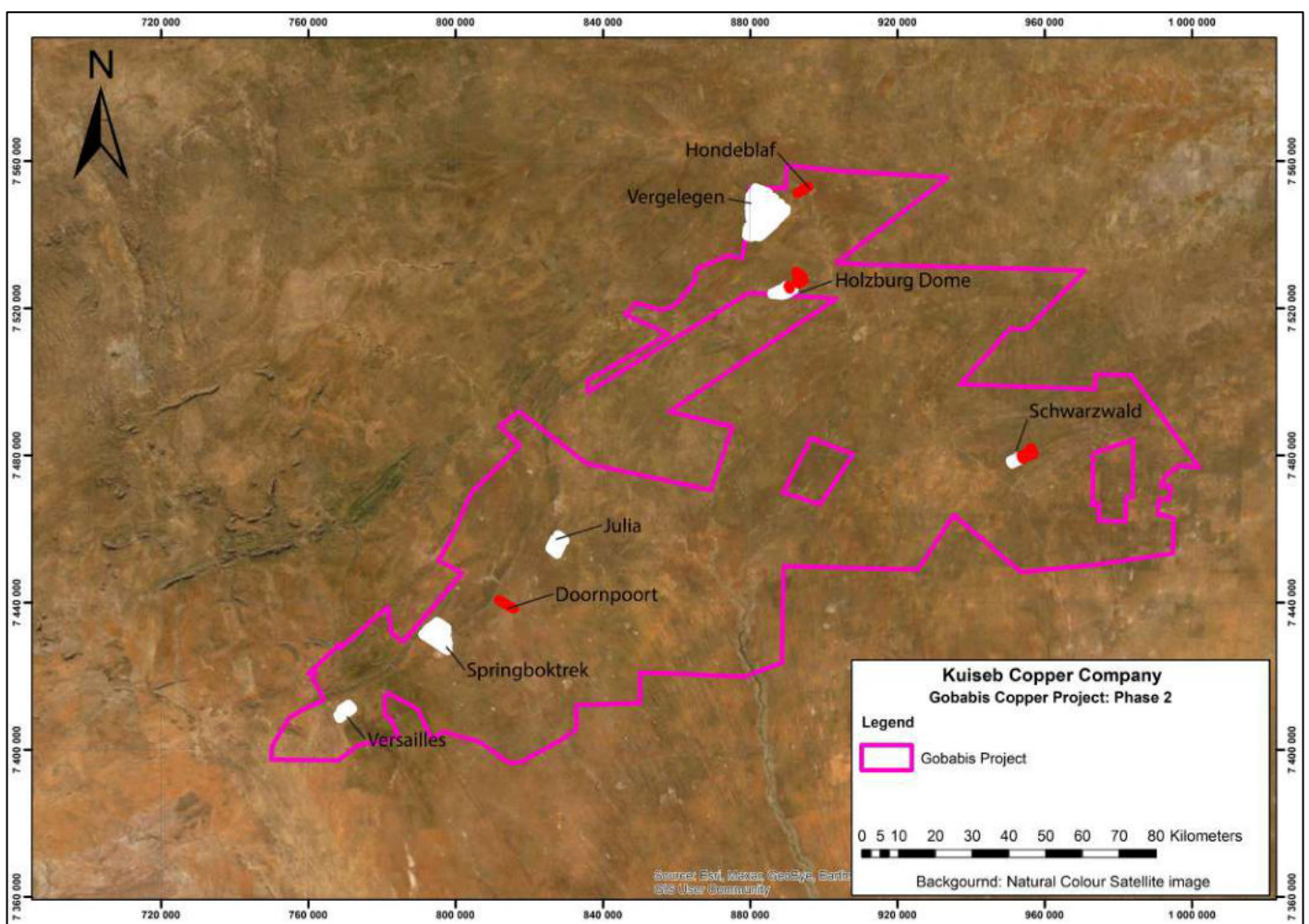


Figure 8 – Soil and air core sampling map for EPLs 7528, 7529, 7538, 7539. White dots represent soil sampling lines and red dots represent air core drilling lines (Source: Remote Exploration Services).

3 EXPLORATION EMP COMPLIANCE AUDIT

This section provides an overview of the compliance with EMP requirements as depicted in the approved EMP for all EPLs (Appendix A). Overall compliance to the EMP was scored as 94.74 % for the audit conducted on farm Helder (EPL 7528), with two recorded non-compliances.

Table 3 – Exploration EMP compliance audit

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners, - Disruption of farm operations (leaving gates open, loss of farming area, interference at waterpoints) - Potential conflict with farm owners and neighbours (suspicious movement, poaching, stock theft, field fires, etc.). 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced, - Farmers should have access to all farm areas at all times, - Existing water points and feeding area need to be left, unaffected, - Use existing roads for access to avoid new tracks and cut lines, - Compliance with all applicable laws and agreements. 	- Compliant	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period. - The drilling and exploration teams move together on existing tracks and stay away from farming activities.
	<ul style="list-style-type: none"> - Potential grievances and complaints, - Social discomfort and anxiety 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private farms and implement monitoring programmes thereafter, 	- Compliant	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Maintain continuous communication with interested and affected parties (I&APs) to identify concerns and mitigation measures, - Compliance with all applicable laws and agreements, - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching, - Ensure appropriate supervision of all activities daily, - Accidents and incidents need to be reported to exploration manager and recorded in the incident register. 		<p>taken place during the reporting period.</p> <ul style="list-style-type: none"> - Consent agreements signed with farm owners before exploration activities can proceed. - Daily supervision on site by geologists. - Incident register in place and incidents recorded. - Complaints register in place. - Training and awareness is conducted regarding stock theft and poaching with project staff.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>General exploration activities</p>	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed, injured or killed by movement of vehicles and equipment 	<ul style="list-style-type: none"> - Restrict movements to areas of activities only, - Use existing tracks and routes as far as practically possible, - Identify rare, endangered, threatened and protected species in advance such as the white or black rhino, - Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.), - Restrict movements to daytime hours, - Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas, - No driving off designated access routes (into the bush) or any off-road, - No animals or birds may be collected, caught, consumed or removed from site. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - For the AEM survey, mitigation measures number 3 and 6 were fully adhered too and implemented. KCC further advised a bird specialist to monitor vulture chick response. No issues were reported. - The drilling and exploration teams move together on existing tracks and stay away from farming activities. - All field staff are always under supervision and have been informed of what areas to avoid on the respective farms. - No off road driving observed or new tracks created.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed as a result of ambient noise from operations and movements of vehicles and equipment - Conflict with farmers and neighbours about rising of ambient noise levels 	<ul style="list-style-type: none"> - Restrict excessive noise to areas of activities only, - Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays), - No activities are allowed between dusk and dawn, - Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors, - Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property, - All equipment to be shut down or throttled back between periods of use, - Adhere to civil aviation regulations about the use of a drone, if necessary. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period. - Exploration activities restricted to daytime (08:00 – 17:00). - Drill equipment is compliant with EMP requirements.
	<ul style="list-style-type: none"> - Visual disturbances 	<ul style="list-style-type: none"> - Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; - Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock - Maintain good housekeeping standards on site, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Drill equipment placement is compliant with EMP requirements. - Good housekeeping standards observed. - No fences or barriers required.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Maintain continuous communication with I&APs to identify concerns and mitigation measures. 		
	<ul style="list-style-type: none"> - Dust and emissions 	<ul style="list-style-type: none"> - All vehicles and machinery or equipment to be shut down or throttled back between periods of use, - Use existing access roads and tracks where possible, - Apply dust suppression where possible, - Restrict the speed of vehicles (<30 km/h), - Specific activities that may generate dust and impact on residents shall be avoided during high wind events, - Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property, - Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non conformances observed. - Road signage is present depicting speed limits. - Complaints register in place.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Loss of soil quality due to mixing of earth matter, trampling, compaction, and pollution, - Enhanced soil erosion 	<ul style="list-style-type: none"> - Where possible, plan access routes, drill pads and camps outside of existing drainage lines, - Where necessary, install diversions to curb possible erosion, - Restore drainage lines when disturbed, - Topsoil should be stockpiled separately, and re-spread during rehabilitation, - Limit the possibility of compaction and creating of a hard subsurface, - Limit the possibility of trampling, - During drilling oil absorbent matting should be placed under and around the rig, - Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil, - In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site, - Limit the possibility of mixing mineral waste with topsoil. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non conformances observed. - Correct rehabilitation efforts with topsoil placement observed.
	<ul style="list-style-type: none"> - Groundwater contamination 	<ul style="list-style-type: none"> - Ensure drill pads and spill kits are in place on site, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Air core drilling is a dry process and thus no wastewater is

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Consider alternative sites when the water table is too high, - Wastewater shall be contained, - Where possible, water from existing water sources shall be used. 		<ul style="list-style-type: none"> generated by this drilling method. - Spill kits are available on site.
<p>Airborne EM survey (AEM) over the EPL, possible low flying, indication of line spacing</p>	<ul style="list-style-type: none"> - Perceived impact from low-flying EM survey activities on livestock and humans. 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior, - The following information is to be included in the written communication sent to the interested and affected parties. This can be in the form of a Press Notice; <ul style="list-style-type: none"> o Company name, o Survey dates, time and duration, o Purpose of the survey, o Flight altitude, o Survey location, map of survey area and flight lines, and o Contact details for enquiries. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties were informed in writing at least 2 weeks prior to commencement, and verbally 2 days prior to flights over specific farms. A total of 125 CAs were signed by at least 2 weeks prior, I&APs. - Engagements took place as required and daily notifications were sent to farm owners during the survey activities. - No issues reported.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Vegetation clearance for access routes, drill pads and temporary contractor camps	<ul style="list-style-type: none"> - Loss of plant species - Loss of habitat - Create landscape scars - Enhance erosion - Loss of sense of place 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines, - Minimise clearance areas through proper planning of the exploration activities, - Route new tracks around established and protected trees, and clumps of vegetation, - Identify rare, endangered, threatened and protected species, - During toolbox talks and induction, highlight to workers that the removal of significant plants should be avoided, - Where possible rescue and relocate plants of significance, - Promote revegetation of cleared areas upon completion of exploration activities. 	- Compliant	<ul style="list-style-type: none"> - The drilling and exploration teams move together on existing tracks and stay away from farming activities. - All field staff are always under supervision and have been informed of what areas to avoid on the respective farms. - No off road driving observed or new tracks created. - Induction is conducted and training/awareness is raised. - No revegetation required.
	<ul style="list-style-type: none"> - Alien plants and weeds can accidentally be introduced 	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and 	- Compliant	<ul style="list-style-type: none"> - Induction is conducted and training/awareness is raised.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		seed inspection completed prior to equipment being used, – Ensure contractors receive induction on spread of alien weed, – Ensure the potential introduction and spread of alien plants is prevented, – Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants, – Eradicate weeds and alien species as soon as they appear, – Make workers aware about alien species and weeds.		
Fuel handling and storage, maintenance on equipment, machinery and vehicles Inadequate control or accidental releases of	– Soil contamination – Water contamination – Enhance accidental veld fires during high wind periods	Storage – Label chemicals appropriately, – Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the material safety data sheets (MSDS) which should be readily available, – Store chemicals in a dedicated, enclosed, and secure facility with a roof	– Compliant	– No non conformances observed. – Only water is added to keep the hole open during the air core drilling process. – Fire hazard signage boards available. – Fuels are stored correctly as per requirements.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>hazardous substances on site</p>		<p>and concrete floor. Chemical tanks should be completely contained within secondary containment such as bunding,</p> <ul style="list-style-type: none"> - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives, - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations, - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <ul style="list-style-type: none"> - No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites, - The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option, 		<ul style="list-style-type: none"> - Fire extinguishers available on site. - Spill kits available on site. - No spill incidents recorded.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - No cigarette butts are allowed to be discarded into the environment. These should be contained in appropriate domestic containment bins and disposed of at the local landfill site, - No unauthorised movement beyond the exploration areas and campsites is allowed, - Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles), - Control and reduce the potential risk of fire by segregating and safe storage of materials, - Avoid potential sources of ignition by prohibiting smoking in and around facilities, - Fire extinguishers should always be at designated areas and should be inspected regularly. <p>Spills</p>		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Spill kits with the following items as a minimum should be made available on site: <ul style="list-style-type: none"> o Absorbent materials, o Shovels, o Heavy-duty plastic bags, o Protective clothing (e.g., gloves and overalls), - Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops, - For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (i.e., spill trays, impervious sheets), - Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel, - No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams. 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, - All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill", attached as Appendix B. <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> - Assess the situation for potential hazards, - Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided, - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p>		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Spills are to be stopped at source as soon as possible (e.g. close valve or upright drum), - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods, - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary to excavate the underlying soils until clean soils are encountered, - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed to appropriately licensed facilities, - A written incident report must be submitted to the general manager. 		
Generation of waste	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Nuisance (visual impacts, litter) - Ecological risks 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site, - Training and raise awareness through toolbox talks and induction, 	- Compliant	<ul style="list-style-type: none"> - Good housekeeping practises observed. - Toolbox talks attendance register available.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Implement a standard operational procedure (SOP) on waste management, from all kinds of waste possible on-site (e.g. hydrocarbons, domestic, waste water), - Implement a culture of correct waste collection, waste segregation and waste disposal, complimentary to the waste hierarchy – avoid, re-use, recycle, - Wastewater discharges will be contained – no disposal of waste water directly into the environment is allowed. 		<ul style="list-style-type: none"> - Toolbox talks are provided by the drilling company foreman prior to the start of aire core drilling activities. - A SOP is in place. - A spill kit is available on site. - Solid waste is collected on site and disposed of at the Gobabis landfill site.
Water use	<ul style="list-style-type: none"> - Soil contamination - Ground and surface water contamination - Nuisance (visual and odour) 	<ul style="list-style-type: none"> - Minimise the operational consumption of water throughout the operations of the project, - Visual monitoring and photographic record should be kept of any surface and / or groundwater intersected, - Recycle wastewater, where possible, - Install devices to prevent spills and overfills, e.g. shutoff devices for large volume tanks (e.g. > than 2000 L), 	<p>- Non compliance</p>	<ul style="list-style-type: none"> - No toilets are provided, staff relieve themselves in nature. - Portable chemical toilets to be provided for staff when on site, and domestic waste water disposed of properly.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants, - Segregation of wastewater (domestic and industrial effluent), - During operations, monitoring of wastewater discharges (specific to a wastewater discharge permit conditions) should be conducted on a regular basis (quarterly). 		
Heritage	<ul style="list-style-type: none"> - Disruption of heritage sites 	<p>In case of discovering or unearthing heritage sites, particularly palaeontological or archaeological finds, the following measures (chance find procedure) shall be applied:</p> <ul style="list-style-type: none"> - Work to cease, area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed, - The site manager to visit the site and determine whether work can proceed without damage to findings, mark exclusions boundary and inform the 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non conformances observed. - Chance find procedure implemented if required.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>environment and social manager with the GPS position if possible,</p> <ul style="list-style-type: none"> - If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice, - Exploration manager or archaeological specialist to evaluate the significance of the remains and identify appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains) - Inform the police if the remains are human, and - Obtain appropriate clearance or approval from the competent authority, if required, and recover and remove the remains to the national museum or national forensic laboratory as directed. 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Job creation, skills development and business opportunities	<ul style="list-style-type: none"> - Beneficial socio-economic impacts on a local and regional scale 	<ul style="list-style-type: none"> - Maximise local employment and local business opportunities, - Enhance the use of local labour and local skills as far as reasonably possible, - Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Evidence of local employment and local business opportunities. - RES staff consisted of 10 persons, from which only 2 were expatriates.

4 CONCLUSION

Two environmental non-conformances in terms of with the EMP requirements were noted during the period under review for the audit conducted on the 04 July 2022 for the air core drilling campaign on EPL 7528. Conclusions drawn from the audit are listed as follows:

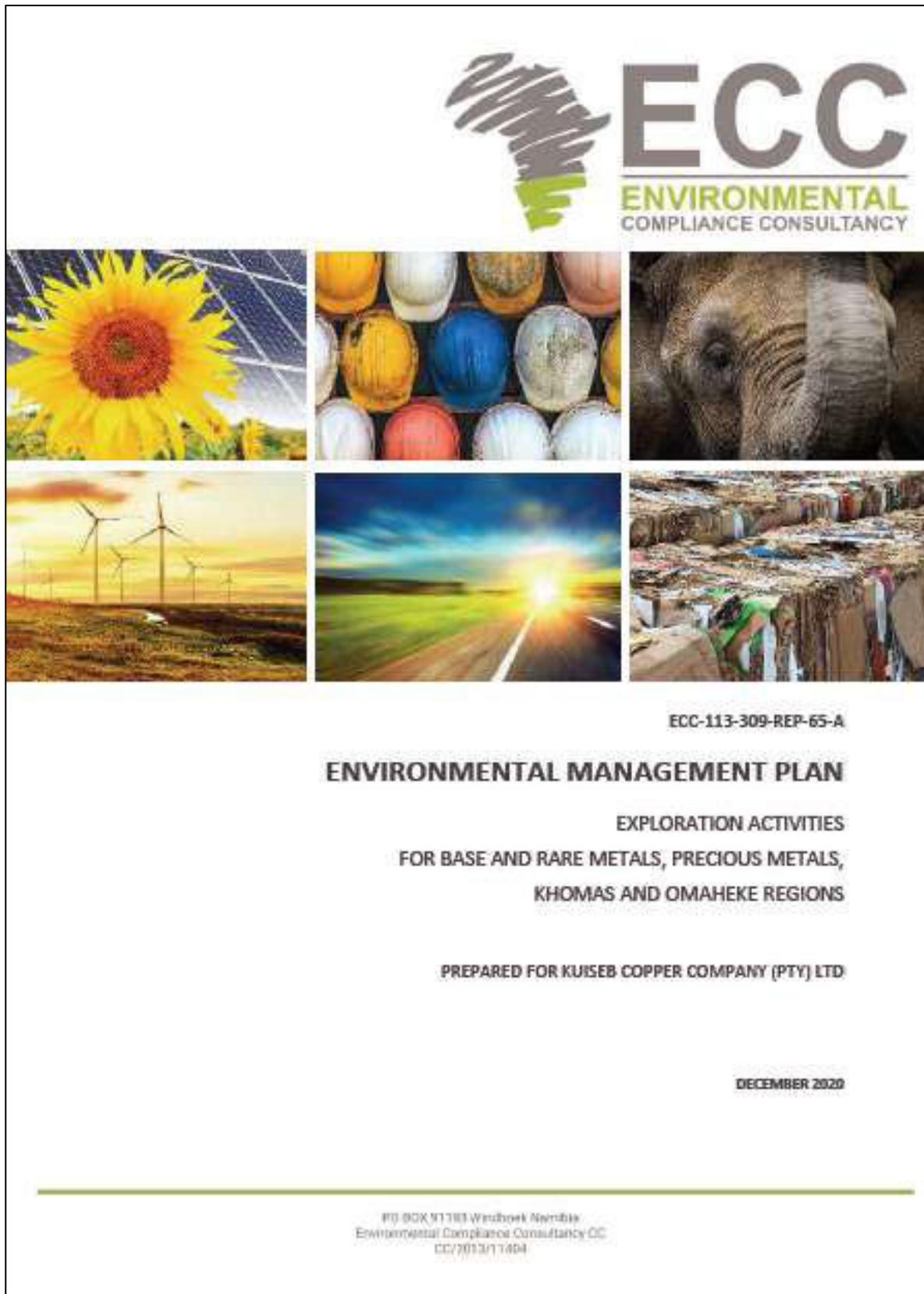
- No portable chemical toilets available on site, therefore staff were relieving themselves in nature.
- Therefore domestic waste water not managed correctly.

Landowner liaison took place with landowners before soil sampling activities could be conducted. Fieldwork involved utilising existing access tracks and walking where driving was not possible. Sampling techniques during the soil sampling were non-invasive and therefore no rehabilitation was required to be conducted. Air core drilling involved the use of a drill rig mounted on the back of a vehicle, whereby samples were removed with a drill bit and no chemicals were used. The air core vehicle only utilised existing tracks and no new permanent tracks were created. Therefore, no bush clearing activities were undertaken, where required vegetation was trimmed to allow for ease of access to drilling targets.

The AEM survey, for which a separate EMP was in place, was conducted from January to February 2022 during the reporting period. All farm owners were contacted residing on each EPL, and consent agreements were signed with 125 farm owners prior to commencement of the survey. In addition, farmers were informed 2 days prior to surveying over their farms in order to ensure farm owners are informed of the activities and to remediate any immediate concerns that might arise. The AEM survey was conducted over EPLs 7528, 7529, 7530, 7531, 7535, 7536, 7537, 7538, 7539, 7540, 7541, 7542, 7543, 7730 and 7732.

Therefore, no AEM activities were conducted on EPLs 7731, 7532, 7533 and 7534 during the reporting period. It is thus concluded that EMP compliance would therefore be in order for these EPLs.

APPENDIX A – EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN FOR ALL EPLS



APPENDIX B – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (KHOMAS REGION)

ECC – 001411	Serial: E7vz831411
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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7530 for base and rare metals, precious metals in the Khomas Region

Issued on the date: **2021-06-08**

Expires on this date: **2024-06-08**

(See conditions printed over leaf)



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Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7731 for base and rare metals, precious
metals in the Khomas Region**



Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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In accordance with Section 37(2) of the Environmental
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TO

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P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7732 for base and rare metals,
precious metals, Khomas Region.**

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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7538 for base and rare metals, precious
metals in the Khomas Region**



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In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7539 for base and rare metals, precious
metals in the Khomas Region**

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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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APPENDIX C – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (OMAHEKE REGION)

ECC – 01243	Serial: gWfIP51243
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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration Activities on EPL 7528 for Base and Rare Metals and Precious Metals in the Omaheke Region

Issued on the date: **2021-02-22**

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7529 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08



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ISSUED

In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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Serial: 3FT1131401



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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7531 for base and rare metals, precious
metals in the Omaheke Region

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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7532 for base and rare metals,
precious metals, Omaheke Region.**

Issued on the date: **2021-02-09**

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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7533 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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ECC – 001403

Serial: VIBGRN1403



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

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In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7534 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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ECC – 001398 Serial: qDSHx1398



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7535 for base and rare metals and precious
metals in the Omaheke Region**



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ECC – 01419

Serial: e9KZaY1419



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7536 for base and rare metals and
precious metals, Omaheke Region.**

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ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
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TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7537 for base and rare metals, precious
metals in the Omaheke Region**



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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act [Act No. 7 of 2007]

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7540 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001408

Serial: Ocme2F1408



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7541 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

[See conditions printed over leaf]



ECC – 001409

Serial: 2ff7uL1409



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7543 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: **2021-06-08**

Expires on this date: **2024-06-08**

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APPENDIX D – KCC AIRBORNE ELECTROMAGNETIC (AEM) SURVEY ENVIRONMENTAL CLEARANCE CERTIFICATE

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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Airborne Electromagnetic (AEM) survey using a small aircraft or helicopter across areas of interest over 19 EPLs within the Omaheke and Khomas regions

Issued on the date: **2021-06-08**
Expires on this date: **2024-06-08**



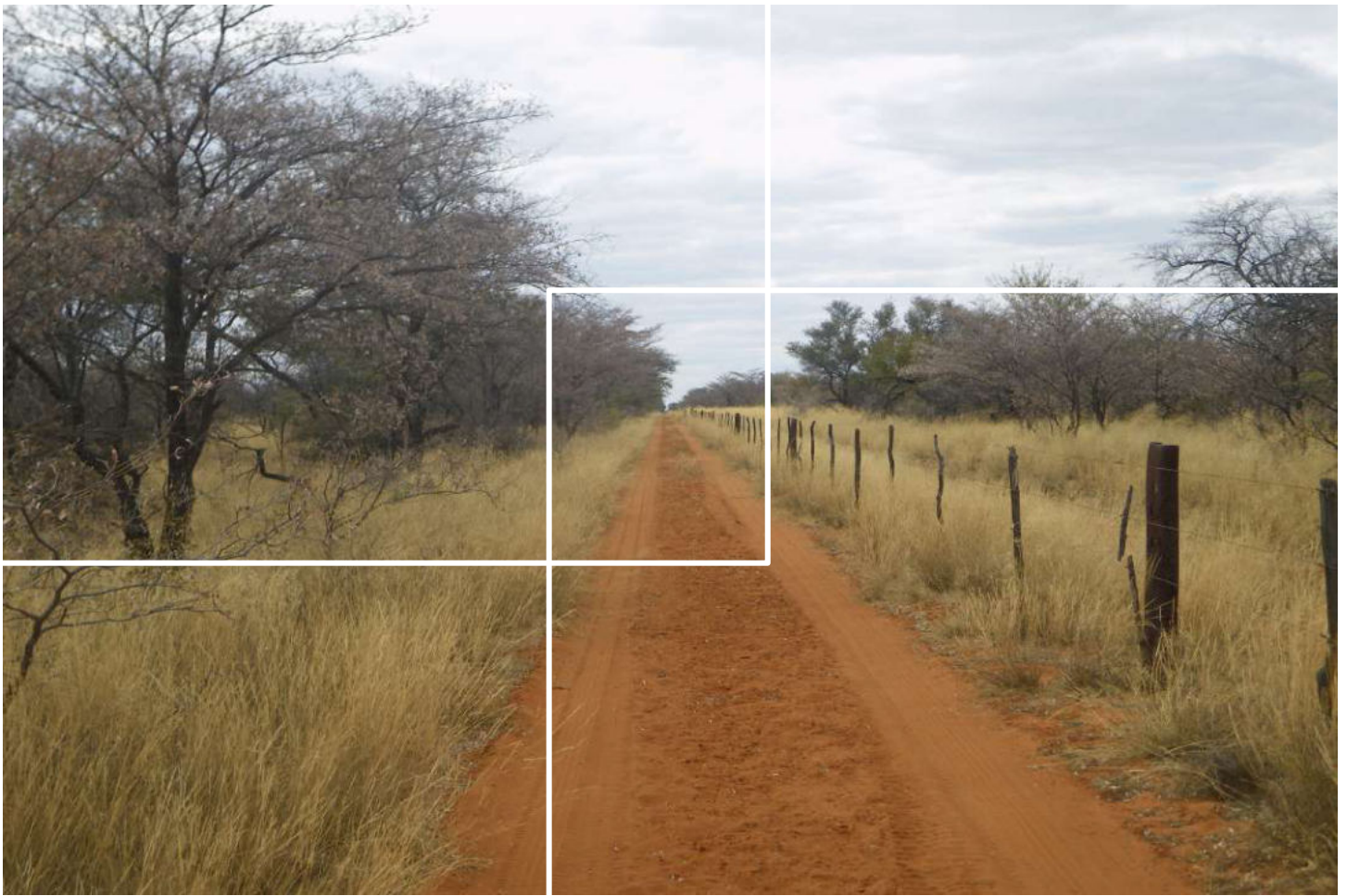
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Submitted to: Kuseb Copper Company
(Pty) Ltd
Attention: Dr Branko Corner and Dr
Stephan Dunn
PO Box 2055
Swakopmund
Namibia

REPORT:

BI-ANNUAL REPORT FOR THE PERIOD

JULY TO DECEMBER 2022

PROJECT NUMBER: ECC-113-376-REP-10-A

REPORT VERSION: REV 01

DATE: 11 APRIL 2023

TITLE AND APPROVAL PAGE

Project Name: Bi-annual report for the period July to December 2022
Client Company Name: Kuiseb Copper Company (Pty) Ltd
Client Name: Dr Branko Corner and Dr Stephan Dunn
Ministry Reference: ECC-113-376-LET-11-A
Status of Report: Final for Government submission
Project Number: ECC-113-376-REP-10-A
Date of issue: 11 April 2023
Review Period: NA

ENVIRONMENTAL COMPLIANCE CONSULTANCY CONTACT DETAILS:

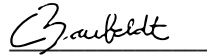
We welcome any enquiries regarding this document and its content. Please contact:



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Environmental Compliance Consultancy

DISCLAIMER

Environmental Compliance Consultancy (Pty) Ltd (CRN 2022/0593) has prepared this report on behalf of the Proponent. ECC employees who authored this report have no material interest in the report's outcome or the Project, and ECC is independent of the Proponent. The information presented in this environmental report is based on the best available data and our professional judgment at the time of writing. However, it is important to note that environmental conditions can change rapidly, and we cannot guarantee the accuracy, completeness, or currency of the information provided. ECC's professional fees are based on agreed commercial rates and are not contingent on the report's results or the record of decision issued by the Government. No ECC member or employee has a shareholding in the project or is a director, officer, or direct employee of the Proponent. Personal views expressed by the writer do not necessarily reflect ECC's or the client's views.

Disclaimer on limitations of geospatial data and information available: the report makes use of existing and previously available data from other sources, ECC and its client acknowledge the potential constraints posed by using such data and information.

EXECUTIVE SUMMARY

Kuiseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for nineteen approved exclusive prospecting licences (EPLs) for base and rare metals, and precious metals in the Khomas and Omaheke regions.

The overall exploration project EPLs are located in the following regions:

- Khomas Region: EPLs 7730, 7731, 7732, 7538, 7539 and 7542
- Omaheke Region: EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540, 7541 and 7543

An environmental management plan (EMP) was compiled and approved for all the EPLs. An environmental clearance certificate is issued by the Ministry of Environment, Forestry and Tourism (MEFT) per EPL. Additionally, an environmental clearance certificate was issued for an airborne electromagnetic (AEM) survey over the EPLs.

Landowner liaison took place with landowners before all exploration activities could be conducted and Consent Agreements were signed. A successful resettlement community meeting was held on site on the farm Versailles, in whereby the Proponent described KCC's various planned activities, including the AEM survey and proposed follow-up field work, to the community.

Fieldwork activities included the following during the period under review: soil sampling, air core drilling, diamond drilling and the second phase of the AEM survey. Soil sampling was conducted on EPLs 7530, 7531, 7532, 7538, 7539, 7542 and 7543. Air core drilling was conducted on EPLs 7528, 7529, 7535, 7438 and 7539. Diamond drilling was conducted on EPLs 7529, 7535, 7438 and 7539. The AEM survey took place over EPLs 7529, 7530, 7531, 7532, 7534, 7538, 7539, 7542, 7543 and 7731.

No environmental non-conformances or complaints were recorded during the period under review.

Soil sampling could not be completed for areas of interest at target farms in EPLs 7533, 7730 and 7732 during the reporting period and this work will be completed in 2023. No other work was carried out on these EPLs during the reporting period.

No work was conducted on the following EPLs during the reporting period: EPL 7535, 7536, 7537, 7540 and 7541.

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ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AEM	airborne electromagnetic
CA	consent agreement
ECC	Environmental Compliance Consultancy
e.g.	for example
EMP	environmental management plan
EPL	exclusive prospecting licence
etc.	et cetera
GPS	global positioning system
I&APs	interested and affected parties
km	kilometre
km/h	kilometre per hour
KCC	Kuiseb Copper Company (Pty) Ltd
L	litre
m	metre
MEFT	Ministry of the Environment, Forestry and Tourism
MME	Ministry of Mines and Energy
MSDS	material safety data sheets
No.	number
RES	Remote Exploration Services
RT	Rio Tinto Mining and Exploration Ltd
SOP	standard operating procedure

1.2 PURPOSE OF THIS DOCUMENT

Environmental Compliance Consultancy (ECC) has been engaged by the Proponent to compile the bi-annual report for all listed EPLs for the period of July to December 2022. This report details the activities conducted by the Proponent during this reporting period. The report aims to determine if the Proponent is compliant in terms of the requirements of the approved EMP and will further be discussed in this report. No physical audit was conducted during the period under review by ECC and therefore a desktop audit has been conducted to evaluate EMP compliance for the purposes of this report.

1.3 PROPONENT DETAILS

Kuiseb Copper Company (Pty) Ltd is a Namibian company in a joint venture with Rio Tinto Mining and Exploration Ltd, which is a global company. The exploration program is managed by Remote Exploration Services (RES), a South African company also registered in Namibia, Remote Exploration Services External Branch Namibia (Pty) Ltd. The Proponent’s details are set out in Table 1.

Table 1 - Proponent details

Contact	Postal Address	Email Address	Telephone
Kuiseb Copper Company (Pty) Ltd	P O Box 2055 Swakopmund Namibia	branko@iafrica.com.na	+264 81 124 6757
Remote Exploration Services	P O Box 97401 Maerua Mall Windhoek Namibia	stephan@res.co.za	+264 81 274 3848

2 EXPLORATION ACTIVITIES

During the period under review, the following activities took place, i) landowner liaison, ii) AEM survey, iii) soil sampling activities, vi) air core drilling activities and v) diamond drilling activities. Planned exploration activities have been completed in their entirety during the reporting period.

No complaints were received from interested and affected parties (I&APs) during the period under review. No environmental incidents were recorded during the reporting period. A review of the compliance of the EMP commitments can be found in the table in section 3. Any recommendations will be discussed and presented in section 4.

Soil sampling could not be completed for areas of interest at target farms in EPLs 7533, 7730 ad 7732 during the reporting period and this work will be completed in 2023. No other work was carried out on these EPLs during the reporting period.

No work was conducted on the following EPLs during the reporting period: EPL 7535, 7536, 7537, 7540 and 7541.

2.1 LANDOWNER LIAISON

Contact and relationship management of landowners was undertaken by Kuiseb Copper Company management during the period under review. Remote Exploration Services engaged with landowners for phase 3 of the soil sampling programme.

The majority of landowners were contacted on an individual basis via email, phone or where possible, in person. A successful resettlement community meeting was held on-site on the farm Versailles, in whereby the Proponent described KCC's various planned activities, including the AEM survey and proposed follow-up fieldwork, to the community.

Each interaction consisted of initial contact, and a presentation of the consent agreement (CA) with a period for questions and answers. In the cases of agreement and consent, notification before the commencement of work, and upon completion was communicated, as well as disbursement of compensation for the land access.

Appendix E provides a list of the farm owners who were engaged and signed CA's per specific exploration activity.

Figure 2 to Figure 12 provides locality maps per respective EPL whereby active work took place during the reporting period, with farm boundaries and farm numbers indicated.

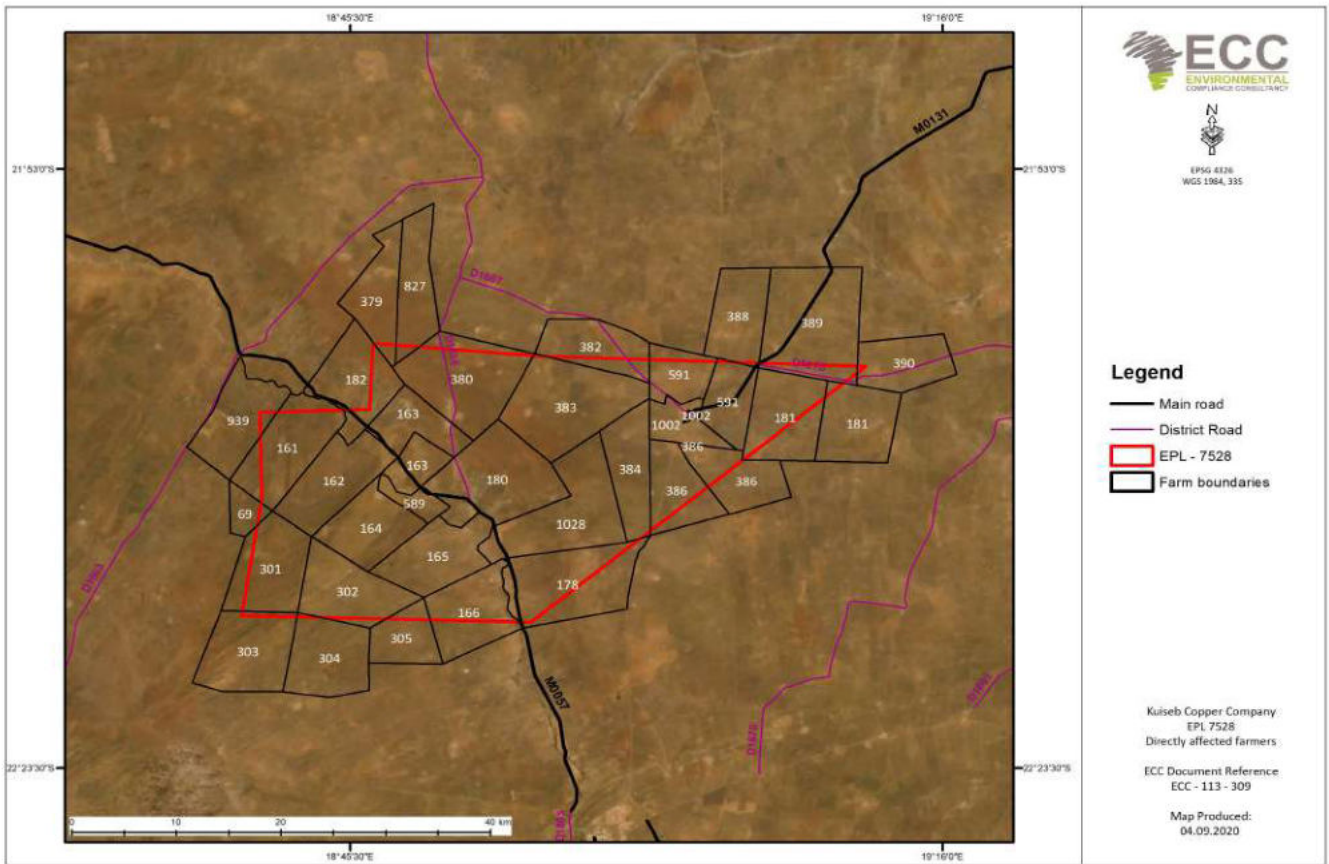


Figure 2 - Locality map of EPL 7528 with farm boundaries

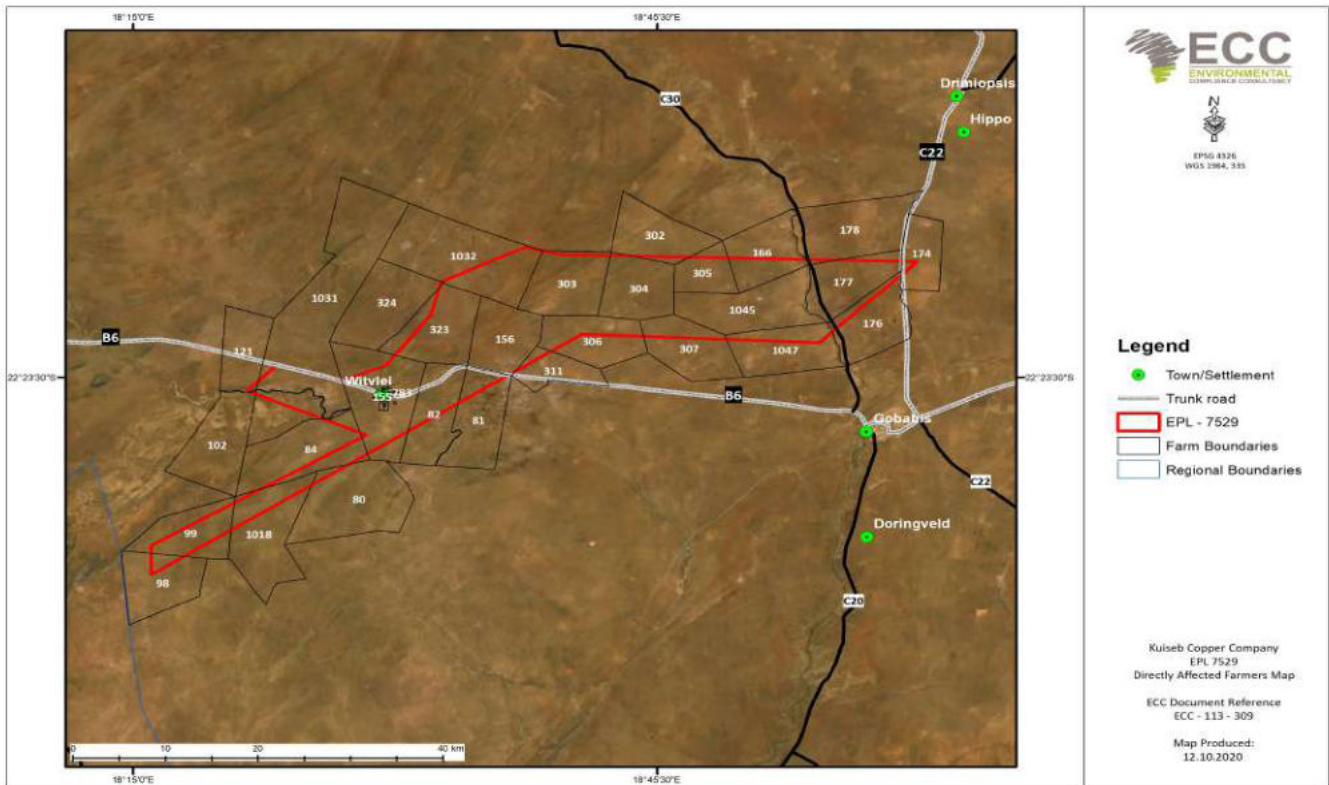


Figure 3 - Locality map of EPL 7529 with farm boundaries

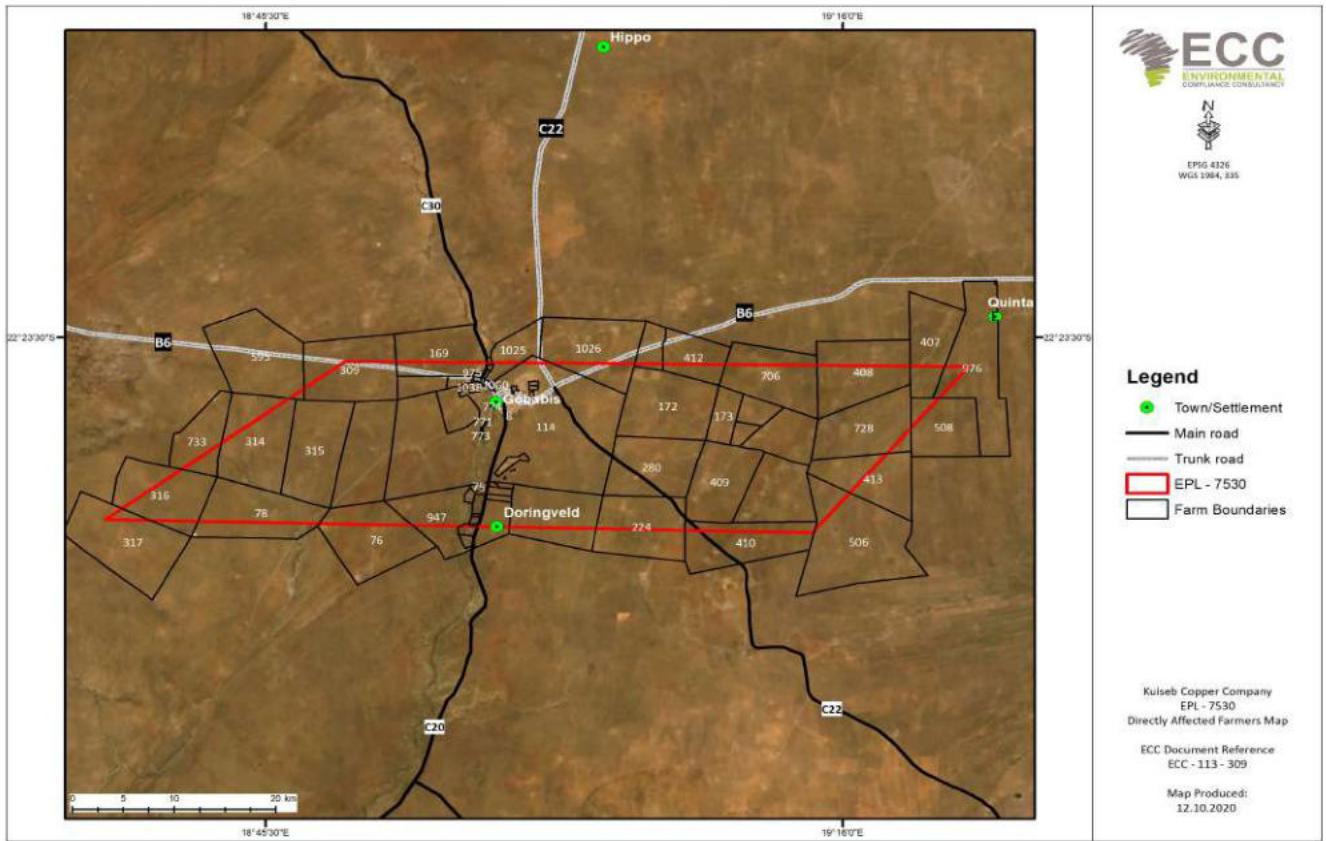


Figure 4 - Locality map of EPL 7530 with farm boundaries

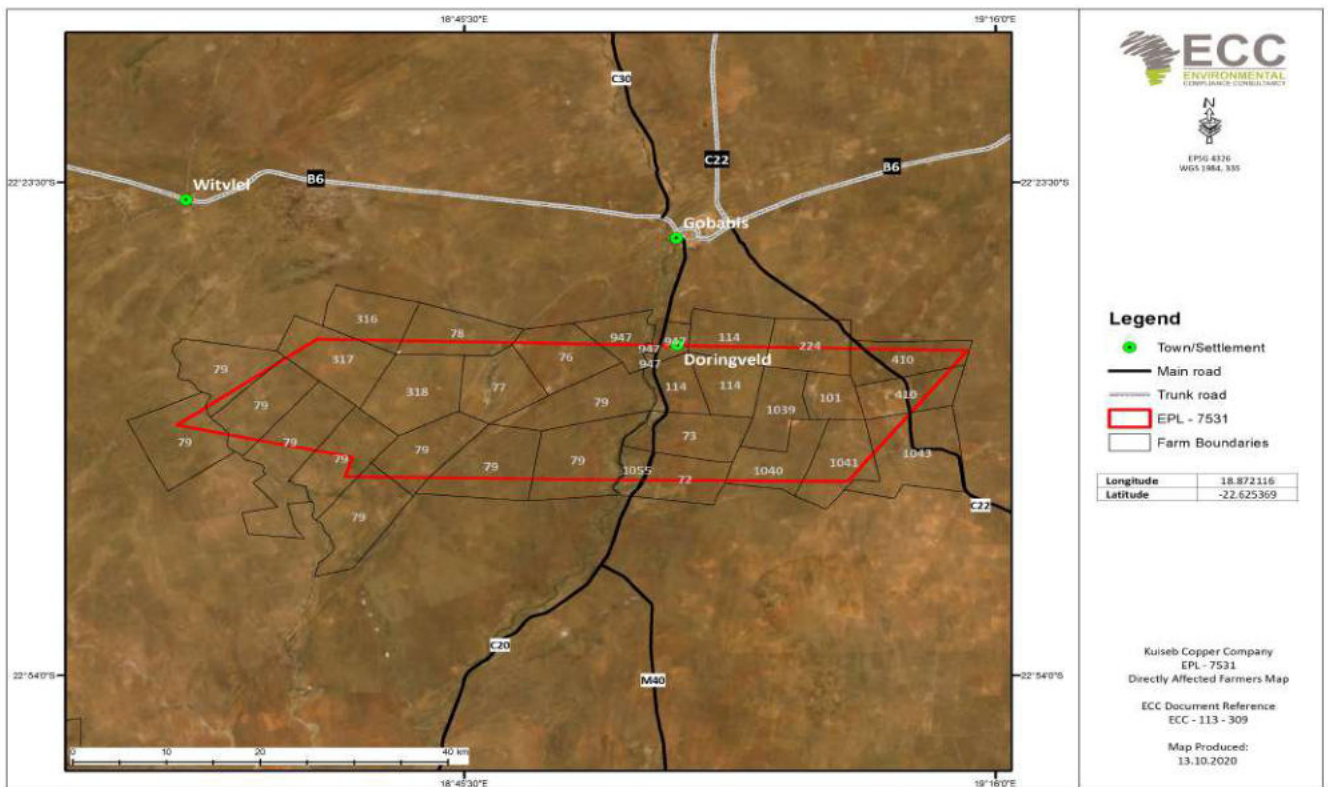


Figure 5 - Locality map of EPL 7531 with farm boundaries

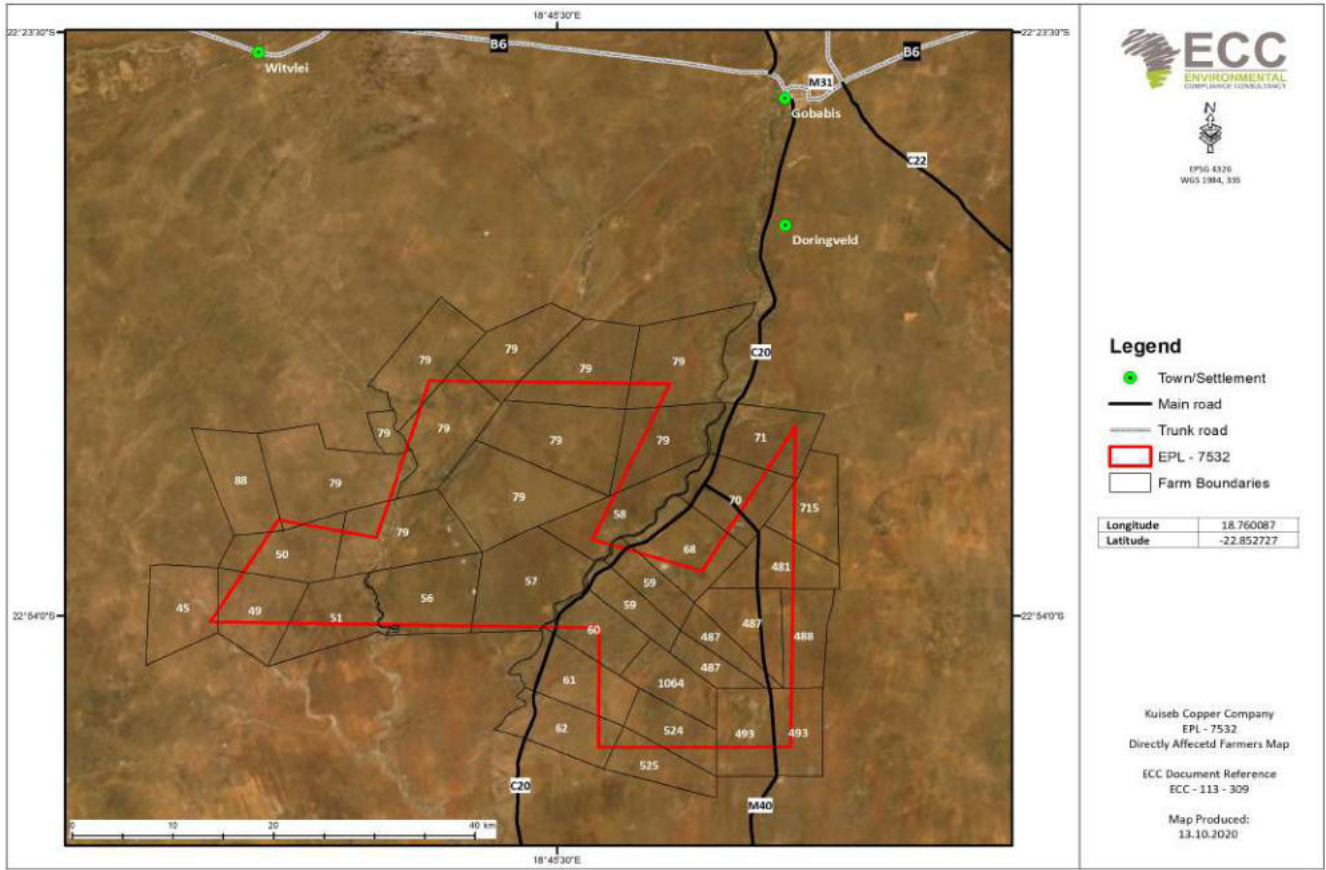


Figure 6 – Locality map of EPL 7532 with farm boundaries

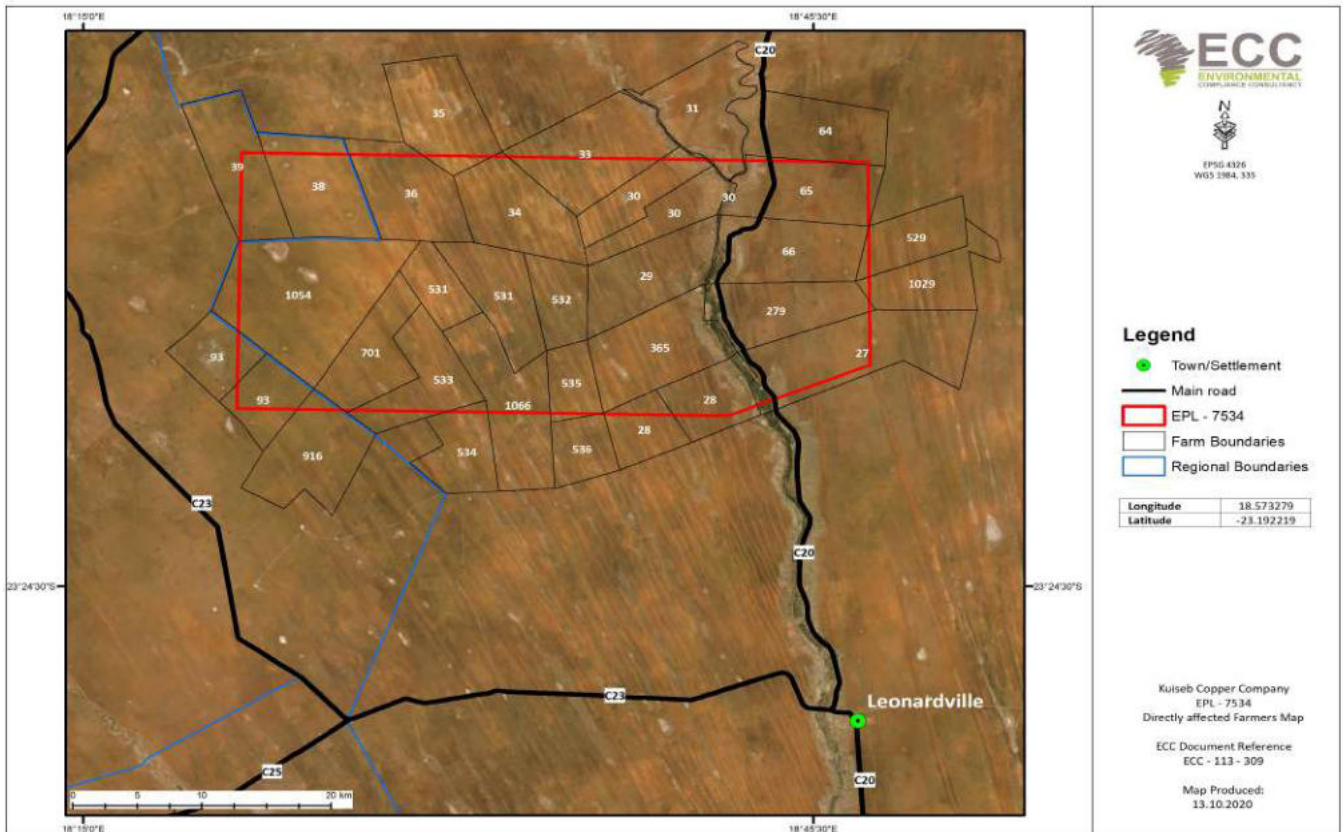


Figure 7 – Locality map of EPL 7534 with farm boundaries

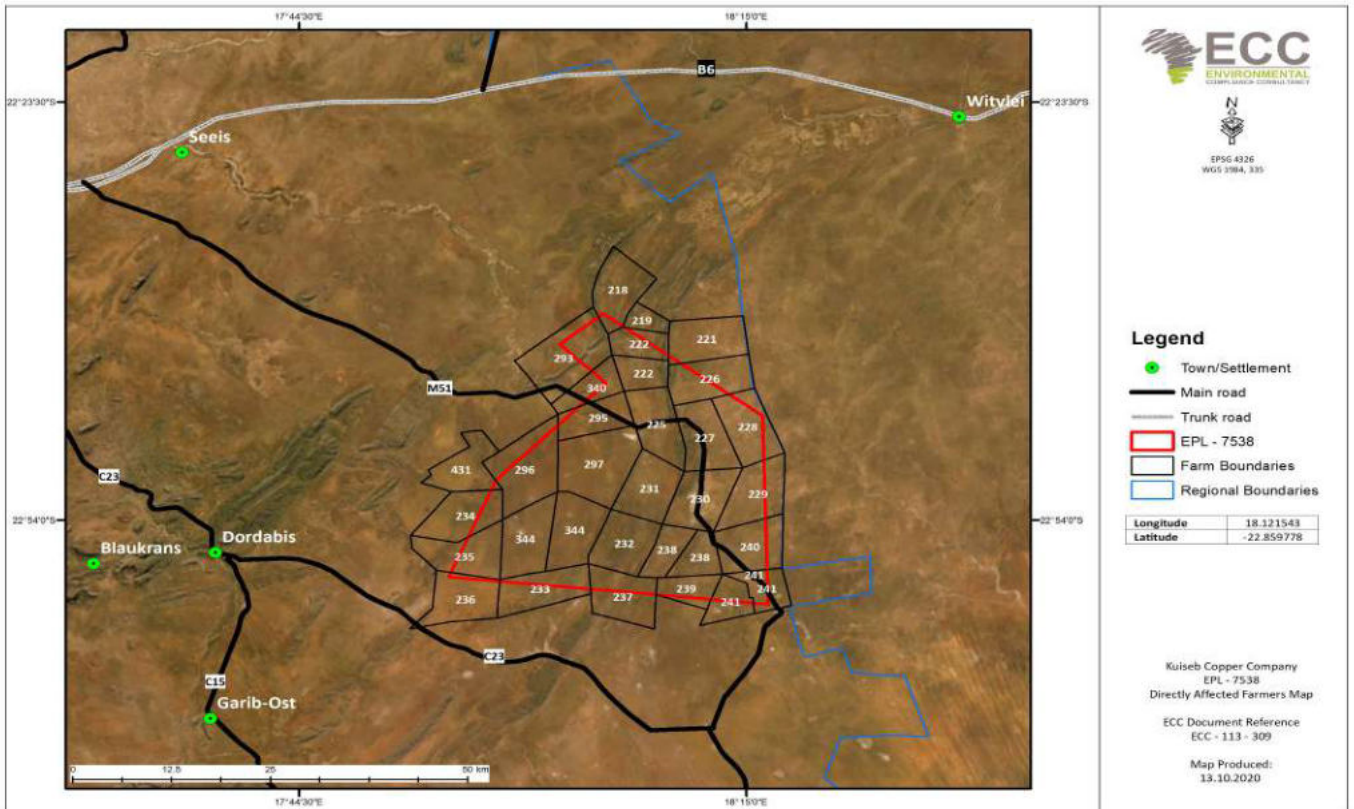


Figure 8 – Locality map of EPL 7538 with farm boundaries

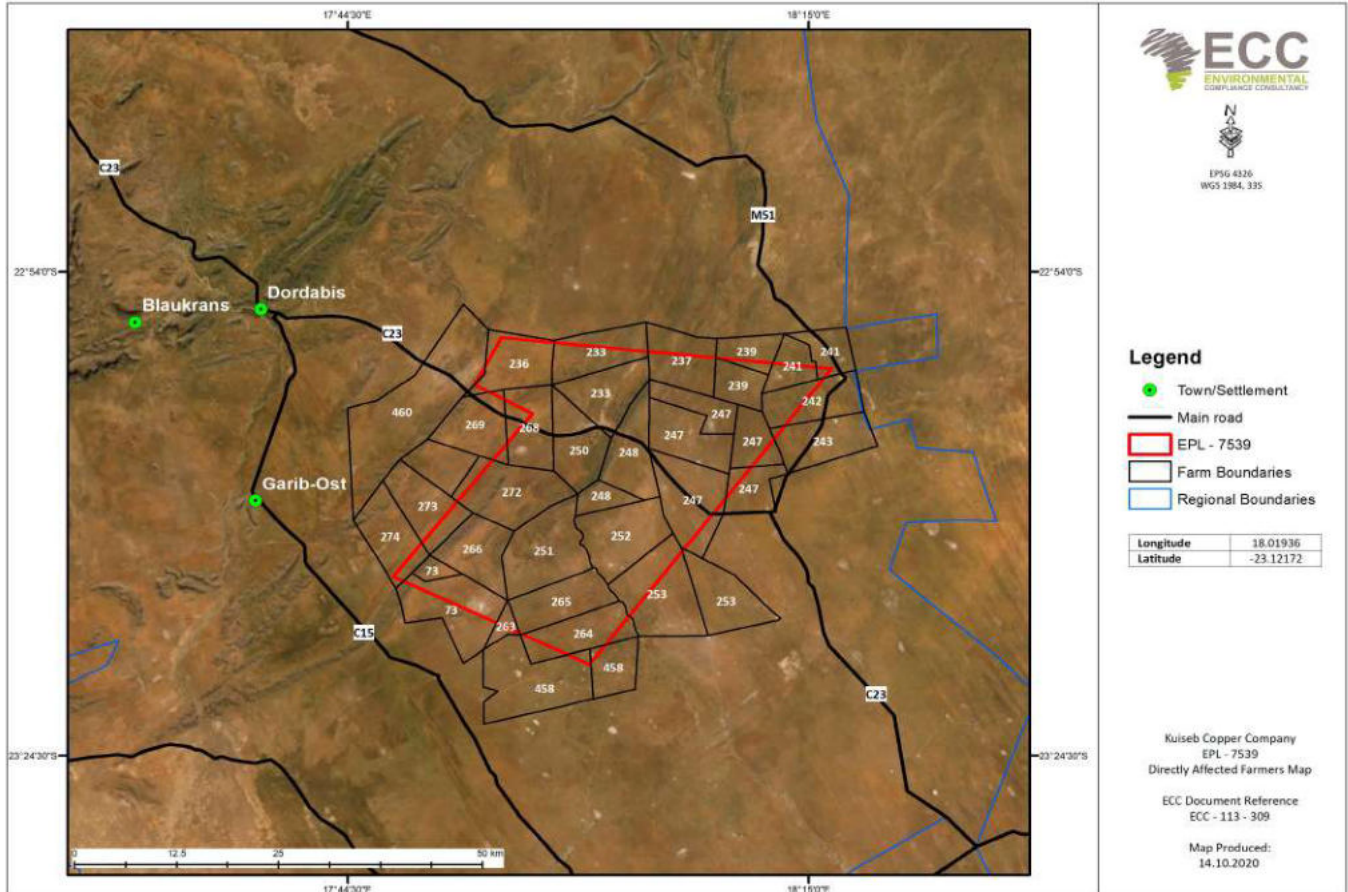


Figure 9 – Locality map of EPL 7539 with farm boundaries

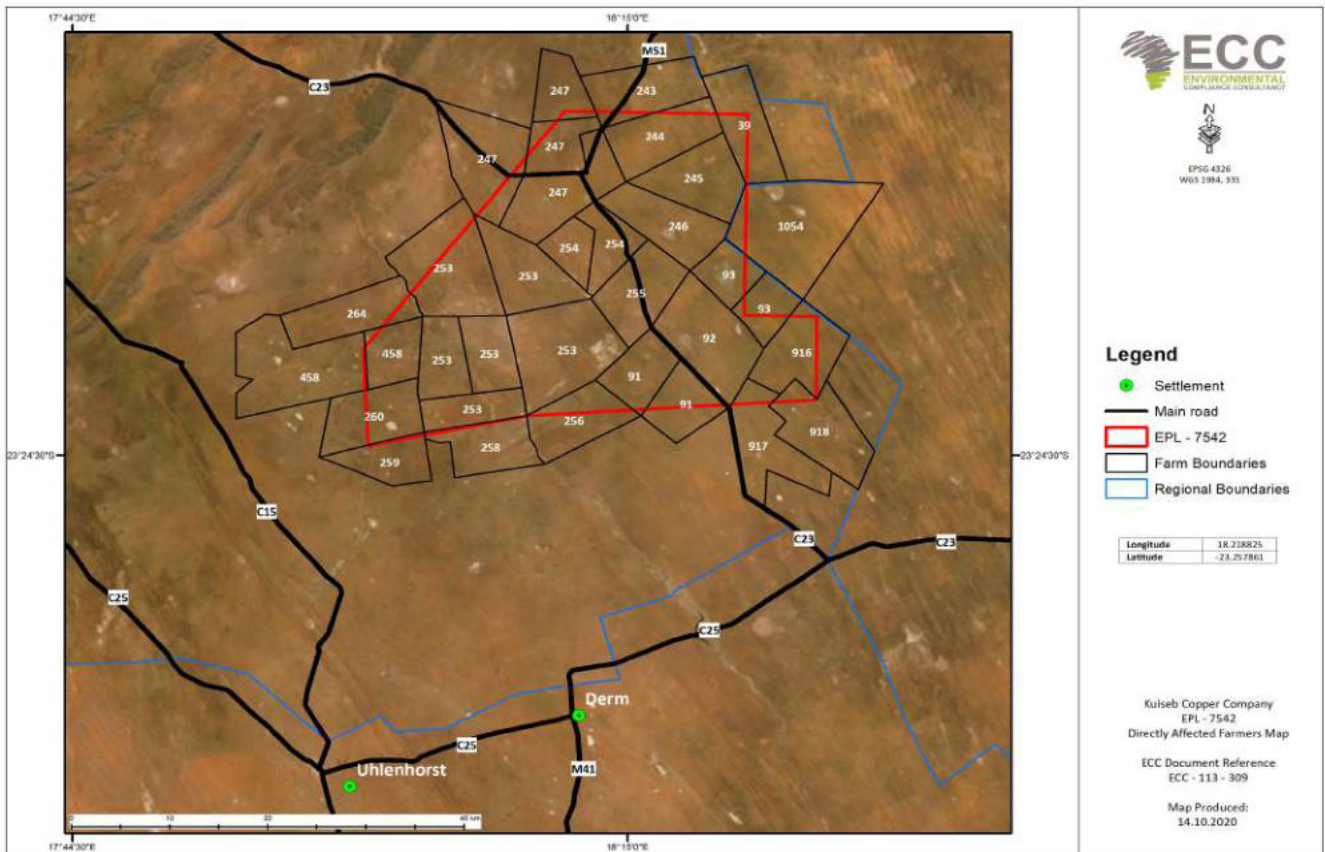


Figure 10 – Locality map of EPL 7542 with farm boundaries

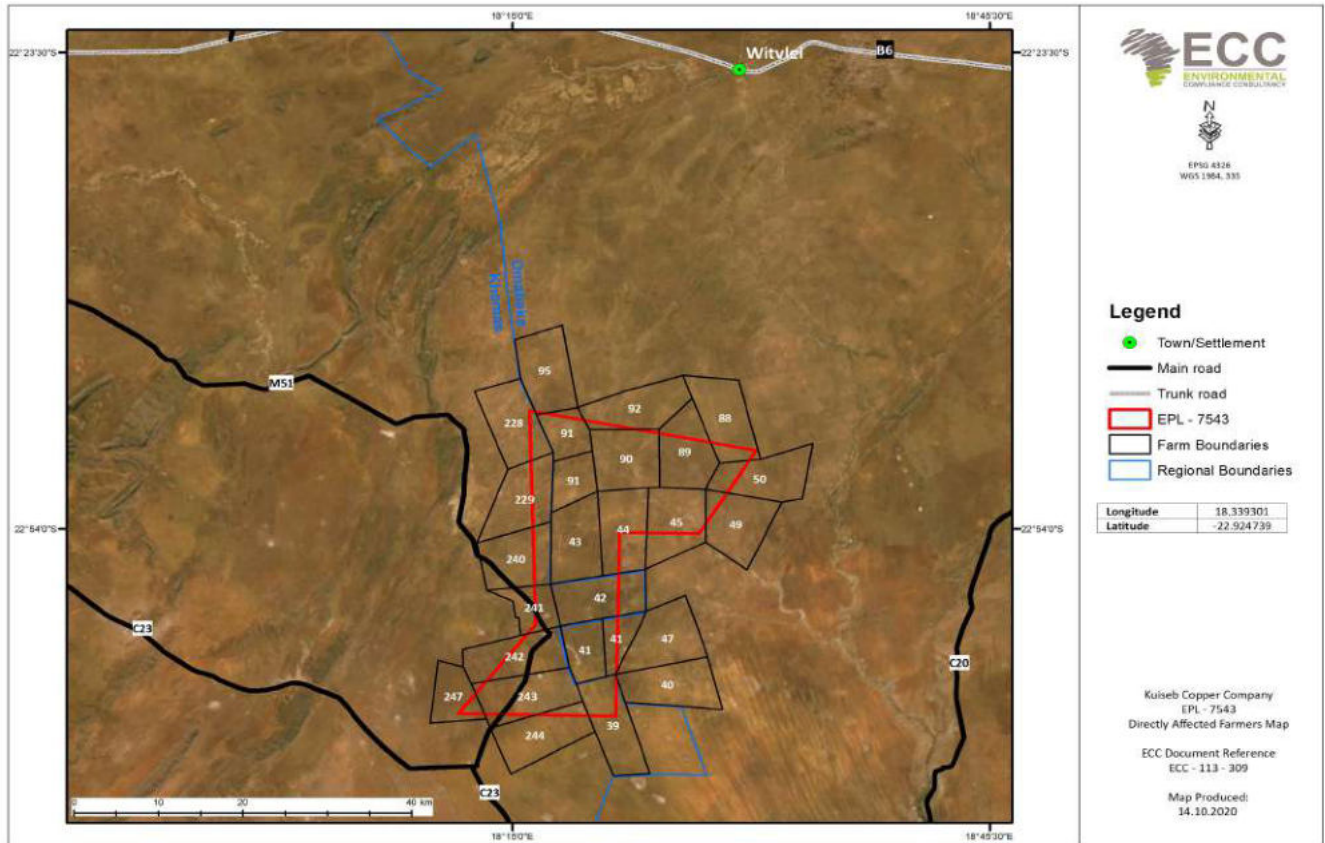


Figure 11 – Locality map of EPL 7543 with farm boundaries

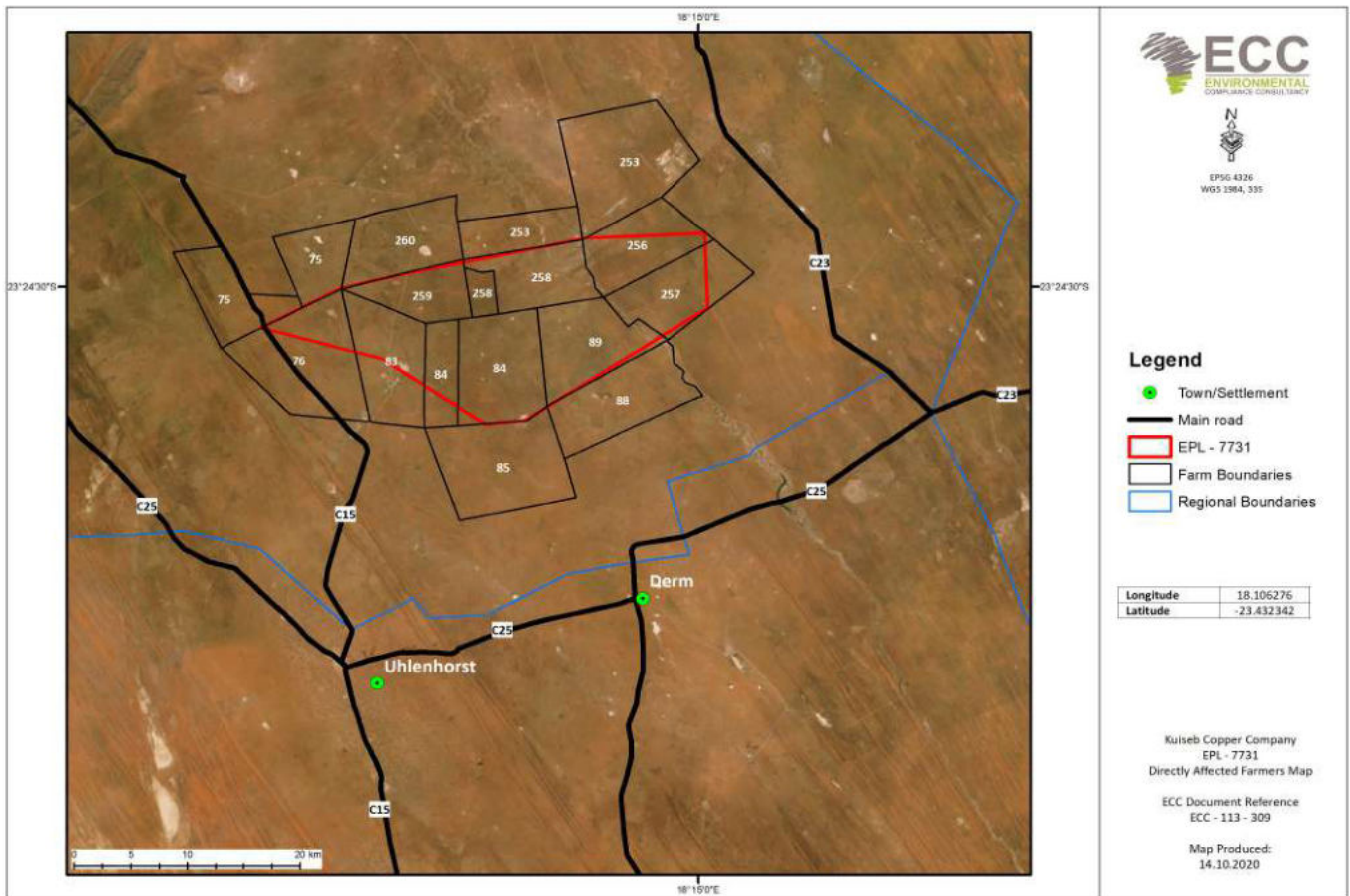


Figure 12 – Locality map of EPL 7731 with farm boundaries

2.2 EXPLORATION DRILLING PROGRAMMES

Two separate drilling operations were completed in quarter 3 and quarter 4 of 2022. The air core technique was used both as a supplement and as a substitute for soil sampling over various portions of the licence area. Diamond drilling took place in a smaller subset of areas and locations.

Prior to drilling, planned drill sample locations and pathways were cleared of vegetation to allow access for the vehicles, drill rig and support equipment. The locations of drill sites were planned along existing private roads within farm boundaries, to minimise the quantity of clearing required. The clearing team was allowed tolerance to amend the assigned location to minimise the impact on the environment or local infrastructure. Areas were cleared in a 10 m radius for air core drilling, and a 20 m radius for diamond core drilling.

Site rehabilitation included levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution of all vegetation that had been removed, to limit soil erosion and to encourage new vegetation growth. All foreign materials were removed prior to mobilising to another site. Figure 13 provides a visual overview of the site rehabilitation conducted at one of the diamond drilling sites.



Figure 13 – Site rehabilitation following completion of diamond core drilling (Source: RES)

2.3 SOIL SAMPLING

Soil sampling advanced to its third phase in quarter 4 of 2022. A total of 7317 soils were collected at assigned global positioning system (GPS) points, observed and analysed for geochemistry between 28 October 2022 and 12 December 2022. The proposed regional grid covered, fully or partially, all EPLs in the Khomas Region of Namibia (EPL 7530, 7531, 7532, 7538, 7539, 7542 and 7543) and expanded coverage from soil sample grids completed in earlier phases within these licences (Figure 14). Soil sampling was completed on a total of 67 individual farms/properties. Additional farm owners were approached for sampling in 2023. This includes sampling planned for EPLs 7533, 7730 and 7732.

Figure 15 provides a visual overview of soil sampling fieldwork utilising a GPS.

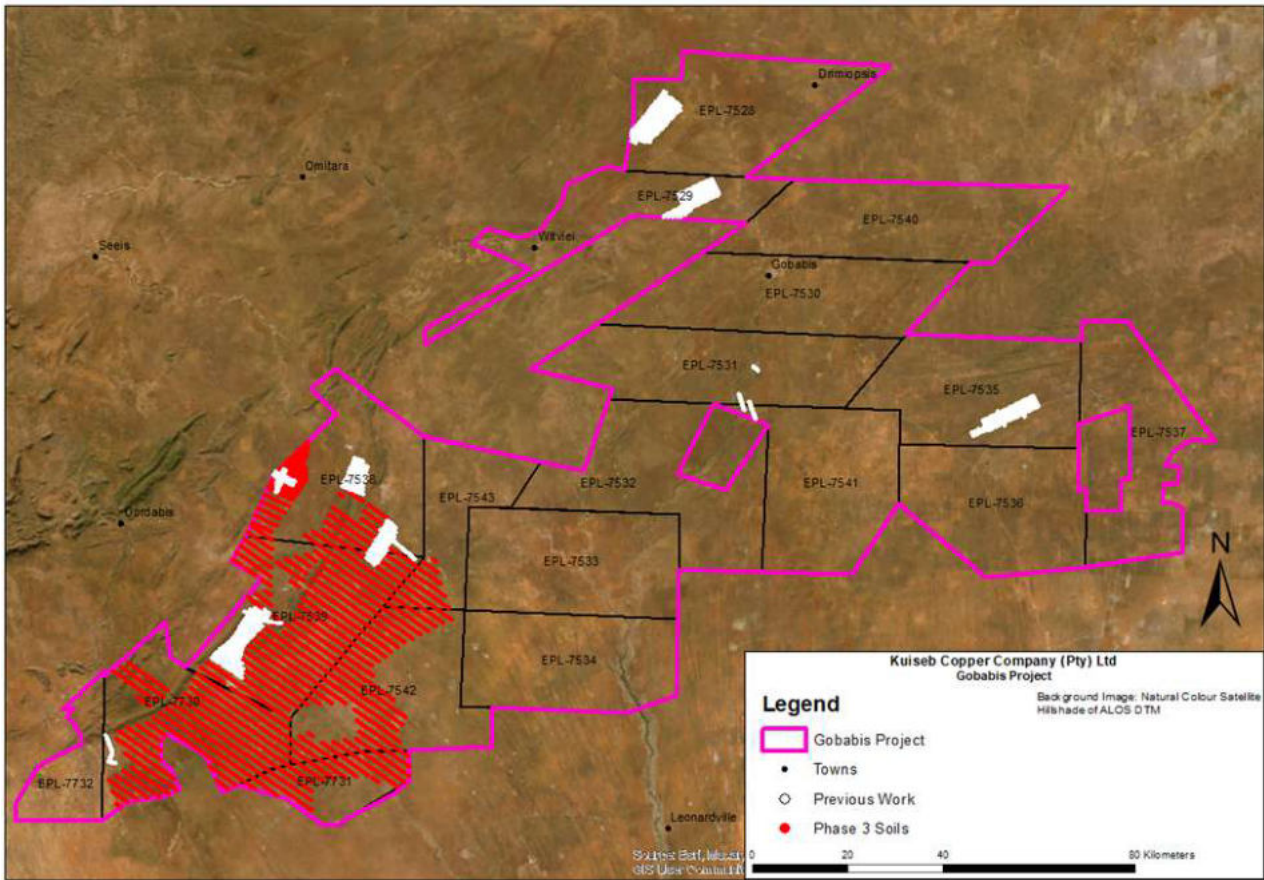


Figure 14 – Soil sampling map - sampling conducted during the reporting period indicated in red. Sample locations from previous phases indicated in white (Source: RES).



Figure 15 – GPS navigation to an assigned soil sampling line on foot (Source: RES)

2.4 AIR CORE DRILLING

The air core drilling programme was conducted between 22 June and 18 July 2022. The rig, equipment and services were provided by Wallis Drilling. A total of 2698 m of core were recovered, logged and analysed for geochemistry by pXRF from 235 drill holes (collars) distributed over 5 areas of interest (Figure 16) on farms Doornpoort, Nina, Schwarzwald, Holzburg and Hondeblaf.

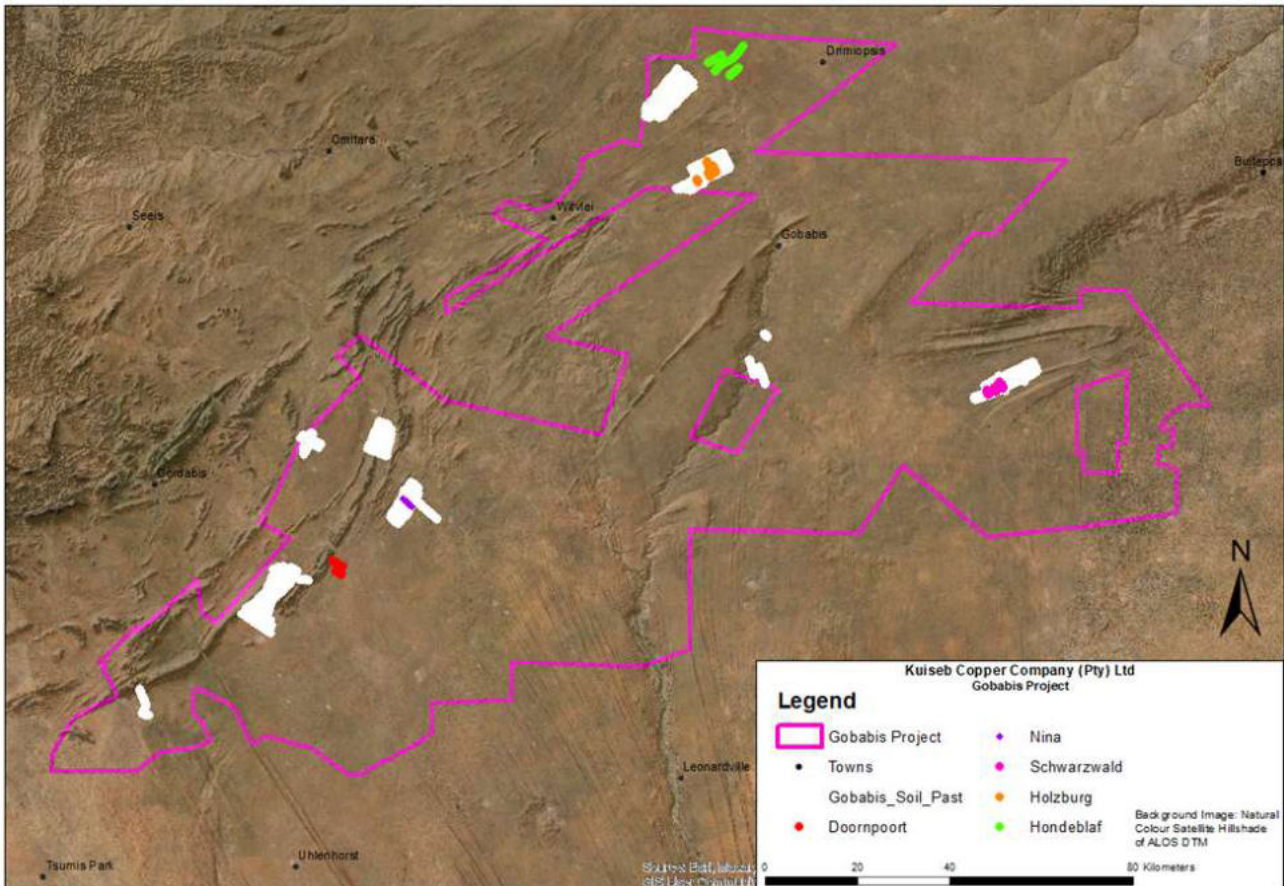


Figure 16 - Air core drilling collar locations, divided into 5 areas (Doornpoort, Nina, Schwarzwald, Holzburg and Hondeblaf). Prior soil sample locations in white (Source: RES).

2.5 DIAMOND DRILLING

The first diamond drilling phase started on 15 August 2022 and was finalised on 02 November 2022. Diamond drilling was performed by Mitchell Drilling Namibia (Pty) Ltd using their Sandvik MDI1101 rig. A total of 1501.11 m of core was drilled from 10 collars in 4 areas of interest (EPL 7529, 7535, 7538 and 7539) (Figure 17). The actual depth of the geological boreholes drilled ranged from 44.5 m to 231.28 m. The recovered core was logged and analysed, and then the recovered material was submitted to ALS Global for geochemical analysis.

Figure 18 presents a visual overview of the diamond core drilling equipment utilised during the drilling programme.

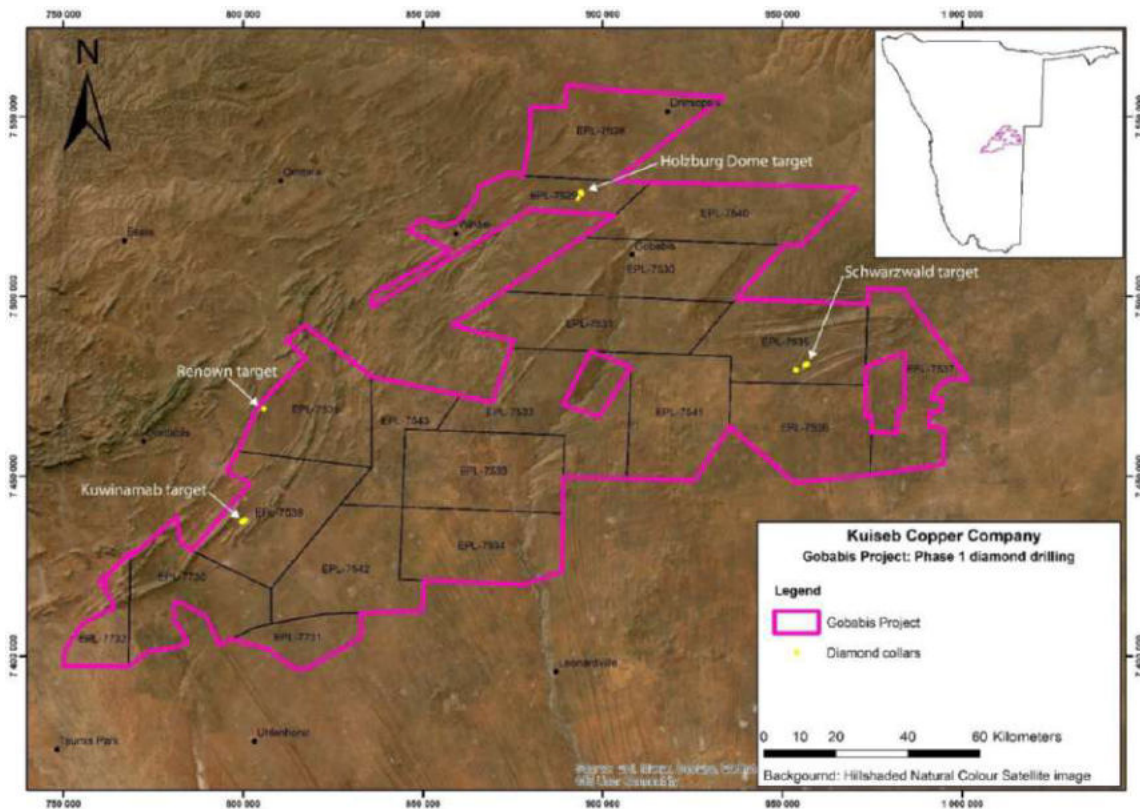


Figure 17 - Completed drill collars indicated in yellow on EPL 7529, 7535, 7538 and 7539 (Source: RES)



Figure 18 - Diamond core drill rig utilised for the drilling programme activities (Source: RES)

2.6 AIRBORNE ELECTROMAGNETIC SURVEY

Phase 2 of AEM survey took place in December 2022. Flights took place to collect data over EPLs in the Khomas Region of Namibia (EPL 7529, 7530, 7531, 7532, 7534, 7538, 7539, 7542, 7543 and 7731). The survey was completed by the RSA-based contractor New Resolution Geophysics pilots and support team.

A total of 2753 line-kilometres were flown during the survey. The AEM survey, flown at a coarse 1600 m line spacing, directed NW-SE, covered a total of 68 farms or portions thereof. Farmers were contacted beforehand and a CA was signed with each, ensuring that Kuseb Copper Company would cover the costs of any proven infrastructure damage or injury to wildlife or cattle which may have resulted from the survey. No such instances arose, and there were no adverse reports from any of the farmers. High resolution satellite images were provided to each farmer whose property was covered by the AEM survey.

3 EXPLORATION EMP COMPLIANCE AUDIT

This section provides an overview of the compliance with EMP requirements as depicted in the approved EMP for all EPLs (Appendix A). No non-conformances were reported for the period under review.

Table 2 – Exploration EMP compliance audit

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners, - Disruption of farm operations (leaving gates open, loss of farming area, interference at water points) - Potential conflict with farm owners and neighbours (suspicious movement, poaching, stock theft, field fires, etc.). 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced, - Farmers should have access to all farm areas at all times, - Existing water points and feeding areas need to be left, unaffected, - Use existing roads for access to avoid new tracks and cut lines, - Compliance with all applicable laws and agreements. 	- Compliant	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period. - The drilling and exploration teams move together on existing tracks and stay away from farming activities. - For the AEM survey, sensitive areas were avoided. The flight line was deviated

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				by 150 m from homesteads, cattle posts if herds were present and other sensitive areas (e.g. vulnerable species such as vultures).
	<ul style="list-style-type: none"> - Potential grievances and complaints, - Social discomfort and anxiety 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private farms and implement monitoring programmes thereafter, - Maintain continuous communication with interested and affected parties (I&APs) to identify concerns and mitigation measures, - Compliance with all applicable laws and agreements, - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching, - Ensure appropriate supervision of all activities daily, - Accidents and incidents need to be reported to exploration manager and recorded in the incident register. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period. - Consent agreements signed with farm owners before exploration activities can proceed.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				<ul style="list-style-type: none"> - Daily supervision on site by geologists.
General exploration activities	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed, injured or killed by movement of vehicles and equipment 	<ul style="list-style-type: none"> - Restrict movements to areas of activities only, - Use existing tracks and routes as far as practically possible, - Identify rare, endangered, threatened and protected species in advance such as the white or black rhino, - Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.), - Restrict movements to daytime hours, - Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas, - No driving off designated access routes (into the bush) or any off-road, - No animals or birds may be collected, caught, consumed or removed from site. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - For the AEM survey, sensitive areas were avoided. The flight line was deviated by 150 m from homesteads, cattle posts if herds were present and other sensitive areas (e.g. vulnerable species such as vultures). - The drilling and exploration teams move together on existing tracks and stay away from farming activities, where possible. - All field staff are always under supervision and

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				<p>have been informed of what areas to avoid on the respective farms.</p>
	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed as a result of ambient noise from operations 	<ul style="list-style-type: none"> - Restrict excessive noise to areas of activities only, - Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays), - No activities are allowed between dusk and dawn, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> and movements of vehicles and equipment - Conflict with farmers and neighbours about rising of ambient noise levels 	<ul style="list-style-type: none"> - Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors, - Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property, - All equipment to be shut down or throttled back between periods of use, - Adhere to civil aviation regulations about the use of a drone, if necessary. 		<ul style="list-style-type: none"> have taken place during the reporting period. - Exploration activities restricted to daytime (08:00 – 17:00).
	<ul style="list-style-type: none"> - Visual disturbances 	<ul style="list-style-type: none"> - Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; - Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock - Maintain good housekeeping standards on site, - Maintain continuous communication with I&APs to identify concerns and mitigation measures. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances reported. - The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> - Dust and emissions 	<ul style="list-style-type: none"> - All vehicles and machinery or equipment to be shut down or throttled back between periods of use, - Use existing access roads and tracks where possible, - Apply dust suppression where possible, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances reported. - The Proponent to ensure compliance with the

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Restrict the speed of vehicles (<30 km/h), - Specific activities that may generate dust and impact on residents shall be avoided during high wind events, - Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property, - Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 		requirements of the EMP.
	<ul style="list-style-type: none"> - Loss of soil quality due to mixing of earth matter, trampling, compaction, and pollution, - Enhanced soil erosion 	<ul style="list-style-type: none"> - Where possible, plan access routes, drill pads and camps outside of existing drainage lines, - Where necessary, install diversions to curb possible erosion, - Restore drainage lines when disturbed, - Topsoil should be stockpiled separately, and re-spread during rehabilitation, - Limit the possibility of compaction and creating of a hard subsurface, - Limit the possibility of trampling, - During drilling oil absorbent matting should be placed under and around the rig, 	- Compliant	<ul style="list-style-type: none"> - No non-conformances reported. - Mitigation measures employed during drilling to prevent unnecessary disturbance. - Rehabilitation was conducted for all drilling programmes.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil, - In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site, - Limit the possibility of mixing mineral waste with topsoil. 		<ul style="list-style-type: none"> - Site rehabilitation included levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution of all vegetation that had been removed.
	<ul style="list-style-type: none"> - Groundwater contamination 	<ul style="list-style-type: none"> - Ensure drill pads and spill kits are in place on site, - Consider alternative sites when the water table is too high, - Wastewater shall be contained, - Where possible, water from existing water sources shall be used. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Air core drilling is a dry process and thus no wastewater is generated by this drilling method. - No non-conformances reported for the diamond drilling programme. - The Proponent to ensure compliance with the

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				requirements of the EMP.
Airborne EM survey (AEM) over the EPL, possible low flying, indication of line spacing	<ul style="list-style-type: none"> Perceived impact from low-flying EM survey activities on livestock and humans. 	<ul style="list-style-type: none"> Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior, The following information is to be included in the written communication sent to the interested and affected parties. This can be in the form of a Press Notice; <ul style="list-style-type: none"> Company name, Survey dates, time and duration, Purpose of the survey, Flight altitude, Survey location, map of survey area and flight lines, and Contact details for enquiries. 	<ul style="list-style-type: none"> Compliant 	<ul style="list-style-type: none"> Prior to conducting aerial surveys, both directly and indirectly affected parties were informed in writing at least 2 weeks prior to commencement, and verbally 2 days prior to flights over specific farms. A total of 69 CAs were signed by I&APs at least 2 weeks prior to the activity taking place. Engagements took place as required and daily notifications were sent to farm

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				<ul style="list-style-type: none"> owners during the survey activities. - No issues reported.
Vegetation clearance for access routes, drill pads and temporary contractor camps	<ul style="list-style-type: none"> - Loss of plant species - Loss of habitat - Create landscape scars - Enhance erosion - Loss of sense of place 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines, - Minimise clearance areas through proper planning of the exploration activities, - Route new tracks around established and protected trees, and clumps of vegetation, - Identify rare, endangered, threatened and protected species, - During toolbox talks and induction, highlight to workers that the removal of significant plants should be avoided, - Where possible rescue and relocate plants of significance, - Promote revegetation of cleared areas upon completion of exploration activities. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The drilling and exploration teams move together on existing tracks and stay away from farming activities, where possible. - All field staff are always under supervision and have been informed of what areas to avoid on the respective farms. - Site rehabilitation included levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				of all vegetation that had been removed, to encourage re-vegetation.
	<ul style="list-style-type: none"> - Alien plants and weeds can accidentally be introduced 	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and seed inspection completed prior to equipment being used, - Ensure contractors receive induction on spread of alien weed, - Ensure the potential introduction and spread of alien plants is prevented, - Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants, - Eradicate weeds and alien species as soon as they appear, - Make workers aware about alien species and weeds. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Induction is conducted and training/awareness is raised. - The Proponent to ensure compliance with the requirements of the EMP.
Fuel handling and storage, maintenance	<ul style="list-style-type: none"> - Soil contamination - Water contamination 	<p>Storage</p> <ul style="list-style-type: none"> - Label chemicals appropriately, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances or incidents reported.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>on equipment, machinery and vehicles</p> <p>Inadequate control or accidental releases of hazardous substances on site</p>	<ul style="list-style-type: none"> - Enhance accidental veld fires during high wind periods 	<ul style="list-style-type: none"> - Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the material safety data sheets (MSDS) which should be readily available, - Store chemicals in a dedicated, enclosed, and secure facility with a roof and concrete floor. Chemical tanks should be completely contained within secondary containment such as bunding, - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives, - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations, - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <ul style="list-style-type: none"> - No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites, 		<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option, - No cigarette butts are allowed to be discarded into the environment. These should be contained in appropriate domestic containment bins and disposed of at the local landfill site, - No unauthorised movement beyond the exploration areas and campsites is allowed, - Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles), - Control and reduce the potential risk of fire by segregating and safe storage of materials, - Avoid potential sources of ignition by prohibiting smoking in and around facilities, - Fire extinguishers should always be at designated areas and should be inspected regularly. <p>Spills</p> <ul style="list-style-type: none"> - Spill kits with the following items as a minimum should be made available on site: <ul style="list-style-type: none"> o Absorbent materials, o Shovels, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> ○ Heavy-duty plastic bags, ○ Protective clothing (e.g., gloves and overalls), – Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops, – For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (i.e., spill trays, impervious sheets), – Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel, – No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams. – Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, – All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled “Reporting of major petroleum product spill”, attached as Appendix B. <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> – Assess the situation for potential hazards, 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided, - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p> <ul style="list-style-type: none"> - Spills are to be stopped at source as soon as possible (e.g. close valve or upright drum), - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods, - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be necessary to excavate the underlying soils until clean soils are encountered, - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed to appropriately licensed facilities, - A written incident report must be submitted to the general manager. 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Generation of waste	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Nuisance (visual impacts, litter) - Ecological risks 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site, - Training and raise awareness through toolbox talks and induction, - Implement a standard operational procedure (SOP) on waste management, from all kinds of waste possible on-site (e.g. hydrocarbons, domestic, wastewater), - Implement a culture of correct waste collection, waste segregation and waste disposal, complimentary to the waste hierarchy – avoid, re-use, recycle, - Wastewater discharges will be contained – no disposal of wastewater directly into the environment is allowed. 	- Compliant	<ul style="list-style-type: none"> - Toolbox talks are provided by the drilling company foreman prior to the start of air core or diamond drilling activities. - An SOP is in place. - Solid waste is collected on site and disposed of at the Gobabis landfill site. - The Proponent to ensure compliance with the requirements of the EMP. - No non-conformances reported.
Water use	<ul style="list-style-type: none"> - Soil contamination - Ground and surface water contamination 	<ul style="list-style-type: none"> - Minimise the operational consumption of water throughout the operations of the project, 	- Compliant	<ul style="list-style-type: none"> - No non-conformances reported.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Nuisance (visual and odour) 	<ul style="list-style-type: none"> - Visual monitoring and photographic record should be kept of any surface and / or groundwater intersected, - Recycle wastewater, where possible, - Install devices to prevent spills and overfills, e.g. shutoff devices for large volume tanks (e.g. > than 2000 L), - Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants, - Segregation of wastewater (domestic and industrial effluent), - During operations, monitoring of wastewater discharges (specific to a wastewater discharge permit conditions) should be conducted on a regular basis (quarterly). 		<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.
Heritage	<ul style="list-style-type: none"> - Disruption of heritage sites 	<p>In case of discovering or unearthing heritage sites, particularly palaeontological or archaeological finds, the following measures (chance find procedure) shall be applied:</p> <ul style="list-style-type: none"> - Work to cease, area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed, - The site manager to visit the site and determine whether work can proceed without damage to 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances observed. - Chance find procedure implemented if required.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>findings, mark exclusions boundary and inform the environment and social manager with the GPS position if possible,</p> <ul style="list-style-type: none"> - If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice, - Exploration manager or archaeological specialist to evaluate the significance of the remains and identify appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains) - Inform the police if the remains are human, and - Obtain appropriate clearance or approval from the competent authority, if required, and recover and remove the remains to the national museum or national forensic laboratory as directed. 		
<p>Job creation, skills development and business opportunities</p>	<ul style="list-style-type: none"> - Beneficial socio-economic impacts on a local and regional scale 	<ul style="list-style-type: none"> - Maximise local employment and local business opportunities, - Enhance the use of local labour and local skills as far as reasonably possible, - Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Evidence of local employment and local business opportunities.

4 CONCLUSION

No environmental non-conformances or complaints were recorded during the period under review.

Landowner liaison took place with landowners before all exploration activities could be conducted and CA's were signed. A successful resettlement community meeting was held on-site on the farm Versailles, in whereby the Proponent described KCC's various planned activities, including the AEM survey and proposed follow-up fieldwork, to the community.

Fieldwork activities included the following during the period under review: soil sampling, air core drilling, diamond drilling and the second phase of the AEM survey.

Fieldwork involved utilising existing access tracks and walking where driving was not possible. Sampling techniques during the soil sampling were non-invasive and therefore no rehabilitation was required to be conducted. Soil sampling was conducted on EPLs 7530, 7531, 7532, 7538, 7539, 7542 and 7543. Air core drilling involved the use of a drill rig mounted on the back of a vehicle, whereby samples were removed with a drill bit and no chemicals were used. Air core drilling was conducted on EPLs 7528, 7529, 7535, 7438 and 7539. Diamond drilling involved the use of a diamond drill rig to remove the core, with support vehicles and equipment. Wastewater is produced from the rig during the process and contained externally accordingly in containers or shallow trenches/pits. Diamond drilling was conducted on EPLs 7529, 7535, 7438 and 7539.

Prior to drilling, planned drill sample locations and pathways were cleared of vegetation to allow access for the vehicles, drill rig and support equipment. The locations of drill sites were planned along existing private roads within farm boundaries, to minimise the quantity of clearing required. The clearing team was allowed tolerance to amend the assigned location to minimise the impact on the environment or local infrastructure. Areas were cleared in a 10 m radius for air core drilling, and a 20 m radius for diamond core drilling.

Site rehabilitation included levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution of all vegetation that had been removed, to limit soil erosion and to encourage new vegetation growth.

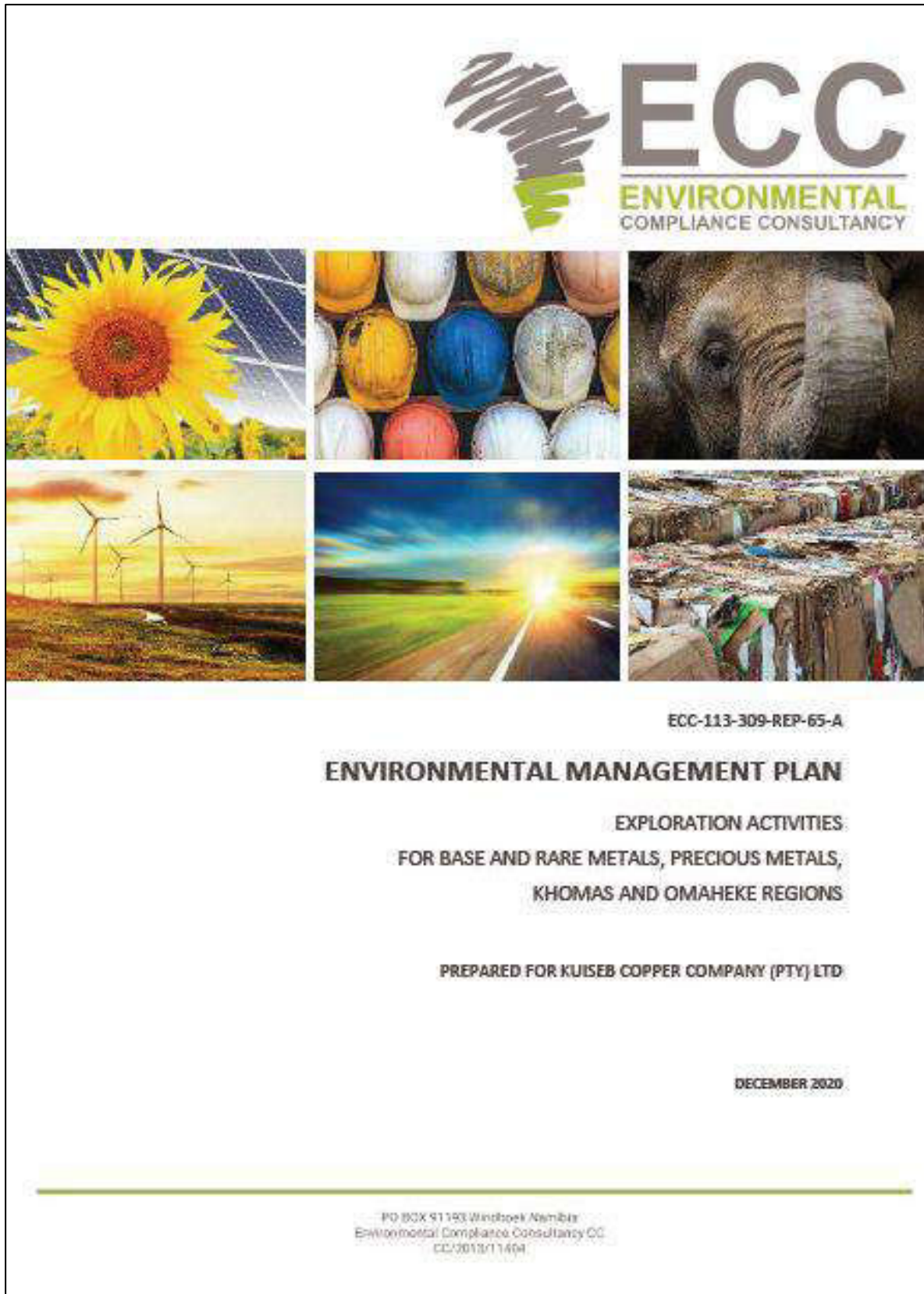
The AEM survey (phase 2), for which a separate EMP is in place, took place in December 2022. All farm owners were contacted residing on each EPL, and consent agreements were signed with 69 farm owners prior to the commencement of the survey. In addition, farmers were informed 2 days prior to surveying their farms in order to ensure farm owners are informed of the activities and to remediate any immediate concerns that might arise. The AEM survey took place over EPLs 7529, 7530, 7531, 7532, 7534, 7538, 7539, 7542, 7543 and 7731. The survey was completed by the RSA-

based contractor New Resolution Geophysics pilots and support team. High-resolution satellite images were provided to each farmer whose property was covered by the AEM survey.

Soil sampling could not be completed for areas of interest at target farms in EPLs 7533, 7730 and 7732 during the reporting period and this work will be completed in 2023. No other work was carried out on these EPLs during the reporting period.

No work was conducted on the following EPLs during the reporting period: EPL 7535, 7536, 7537, 7540 and 7541.

APPENDIX A – EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN FOR ALL EPLS



APPENDIX B – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (KHOMAS REGION)

ECC – 001411 Serial: E7vz831411



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: **2021-06-08**
Expires on this date: **2024-06-08**



14 JUN 2021
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ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7731 for base and rare metals, precious
metals in the Khomas Region**



ENVIRONMENTAL COMMISSIONER

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

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ECC – 01420

Serial: ND6O291420



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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7732 for base and rare metals,
precious metals, Khomas Region.**

Issued on the date: **2021-06-14**

Expires on this date: **2024-06-14**

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Serial: tGM99R1405



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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7538 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: **2021-06-08**
Expires on this date: **2024-06-08**

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ECC – 001406

Serial: sjleQF1406



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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7539 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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ECC – 001409

Serial: 2f17uL1409



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ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: **2021-06-08**

Expires on this date: **2024-06-08**

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APPENDIX C – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (OMAHEKE REGION)

ECC – 01243	Serial: gWfIP51243
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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration Activities on EPL 7528 for Base and Rare Metals and Precious Metals in the Omaheke Region

Issued on the date: **2021-02-22**

Expires on this date: **2024-02-22**

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REPUBLIC OF NAMIBIA

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ECC – 001413

Serial: FtHydr1413



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7529 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08



09 JUN 2021
ENVIRONMENTAL COMMISSIONER

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ECC – 001402

Serial: cMbgQk1402



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001401

Serial: 3fT1131401



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7531 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 01223

Serial: G2ifZO1223



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7532 for base and rare metals,
precious metals, Omaheke Region.**

Issued on the date: **2021-02-09**

Expires on this date: **2024-02-09**

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ECC – 001412

Serial: T5jkpz1412



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7533 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

[See conditions printed over leaf]



ECC – 001403

Serial: VFBGRN1403



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7534 for base and rare metals, precious
metals in the Omaheke Region**




ENVIRONMENTAL COMMISSIONER

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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ECC – 001398 Serial: qDSHx1398



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7535 for base and rare metals and precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ENVIRONMENTAL COMMISSIONER



ECC – 01419

Serial: e9KZaY1419



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7536 for base and rare metals and
precious metals, Omaheke Region.**

Issued on the date: **2021-06-14**

Expires on this date: **2024-06-14**

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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7537 for base and rare metals, precious
metals in the Omaheke Region**



ENVIRONMENTAL COMMISSIONER

Issued on the date: 2021-08-08
Expires on this date: 2024-08-08

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ECC – 001407

Serial: 2mWjAk1407



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act [Act No. 7 of 2007]

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7540 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7541 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over-leaf)



ECC – 001409

Serial: 2fi7uL1409



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001410 Serial: JdhXGI1410



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7543 for base and rare metals, precious
metals in the Omaheke Region**



ENVIRONMENTAL COMMISSIONER

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

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APPENDIX D – KCC AIRBORNE ELECTROMAGNETIC (AEM) SURVEY ENVIRONMENTAL CLEARANCE CERTIFICATE

ECC – 001399	Serial: fXTefC1399
	
<p>REPUBLIC OF NAMIBIA MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM OFFICE OF THE ENVIRONMENTAL COMMISSIONER</p>	
<p>ENVIRONMENTAL CLEARANCE CERTIFICATE ISSUED</p>	
<p>In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)</p>	
<p>TO</p> <p>Kuiseb Copper Company (Pty) Ltd P O Box 2055, Swakopmund</p>	
<p>TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY</p>	
<p>Airborne Electromagnetic (AEM) survey using a small aircraft or helicopter across areas of interest over 19 EPLS within the Omaheke and Khomas regions</p>	
<p>Issued on the date: 2021-06-08</p> <p>Expires on this date: 2024-06-08</p>	 <p>ENVIRONMENTAL COMMISSIONER</p>
<p><small>(See conditions printed over leaf)</small></p>	
	

APPENDIX E – CONSENT AGREEMENT SIGNED WITH RESPECTIVE FARM OWNERS DURING THE REPORTING PERIOD

Farm name	Farm number	EPL number	Exploration activities planned
Achab	093/01 093/REM	EPL 7542 EPL 7534	AEM survey completed
Achenib	247/R/A	EPL 7539	Soil sampling completed AEM survey completed
Achenib South	247/02/A	EPL 7542	Soil sampling completed AEM survey completed
Aida	296	EPL 7538	Soil sampling completed Diamond drilling completed AEM survey completed
Albano	264	EPL 7539 EPL 7730 EPL 7542	Soil sampling completed AEM survey completed
Alice	237	EPL 7539 EPL 7538	Soil sampling completed
Alt-Hartebeestvlei	431/REM	EPL 7538	AEM survey completed
Alt Nonikam	253/03	EPL 7542	Soil sampling completed AEM survey completed
Anias North A	084/00001	EPL 7731	Soil sampling completed AEM survey completed

Farm name	Farm number	EPL number	Exploration activities planned
Anias North	084/00REM	EPL 7731	Soil sampling incomplete AEM survey completed
Anstatt	250	EPL 7539	Soil sampling incomplete AEM survey completed
Barrow	916	EPL 7542	AEM survey completed
Beenbreck	76	EPL 7731	Soil sampling completed AEM survey completed
Christirina	259	EPL 7731	Soil sampling completed AEM survey completed
Corsica	89	EPL 7731	Soil sampling incomplete AEM survey completed
Den Haag	68/R	EPL 7730	Soil sampling completed AEM survey completed
Den Haag_Kuile	68/3	EPL 7732	Soil sampling incomplete AEM survey completed
Doornpoort	248	EPL 7539	Soil sampling completed Air core drilling completed
Dornfontein	258/00001 258/00REM	EPL 7731	Soil sampling completed AEM survey completed

Farm name	Farm number	EPL number	Exploration activities planned
Dornfontein East	256	EPL 7731 EPL 7542	Soil sampling completed
Dornfontein South	257	EPL 7731	Soil sampling completed AEM survey completed
Dornenpfanne-Sud	260	EPL 7542 EPL 7730	Soil sampling completed AEM survey completed
Dudoabid	57	EPL 7530	AEM survey completed
Ellof	194/02	EPL 7730 EPL 7732	Soil sampling incomplete
Eschenhof	261	EPL 7542	Soil sampling incomplete AEM survey completed
Evril	244	EPL 7543 EPL 7542	Soil sampling completed
Faith	242	EPL 7539 EPL 7543	Soil sampling completed
Friesenland	143	EPL 7732	Soil sampling incomplete
Gameros	246	EPL 7542	AEM survey completed
Goliath	263	EPL 7539 EPL 7730	Soil sampling completed AEM survey completed
Girib East	60	EPL 7532 EPL 7730	Soil sampling incomplete
Gravestein	65	EPL 7732	Soil sampling incomplete
Gumgams	247/05	EPL 7539 EPL 7542	Soil sampling completed

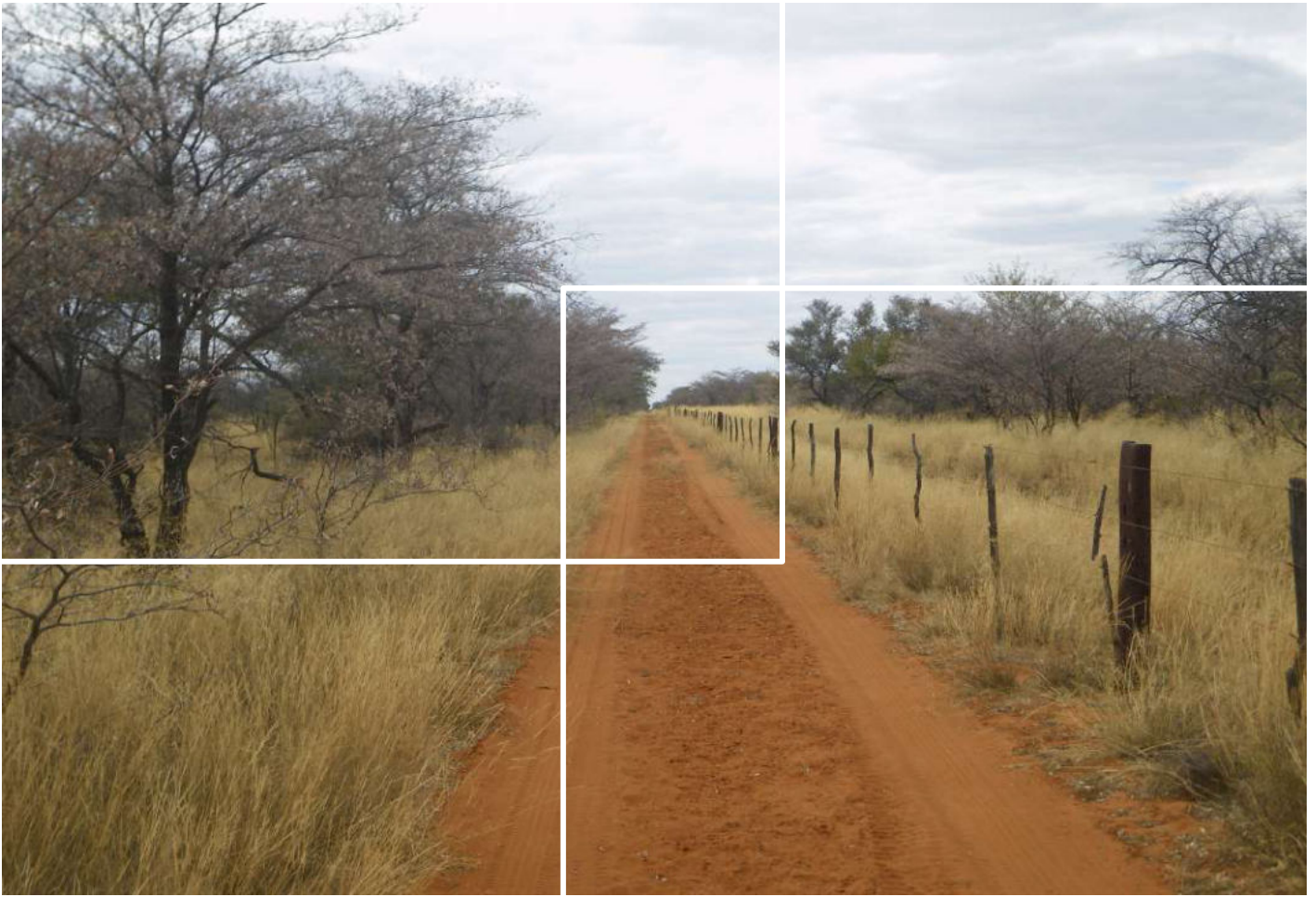
Farm name	Farm number	EPL number	Exploration activities planned
			AEM survey completed
Hannover	70	EPL 7730	Soil sampling completed AEM survey completed
Heimat	344/01	EPL 7538	Soil sampling completed AEM survey completed
Helder	380	EPL 7528	Air core drilling completed
Helene	231	EPL 7538	Soil sampling completed AEM survey completed
Hexenkessel	887	EPL 7732	Soil sampling incomplete
Holzburg	1045	EPL 7529	Air core drilling completed Diamond drilling completed
Hondeblaf	163/REM 163/01	EPL 7528	Air core drilling completed
Hope	243	EPL 7539 EPL 7543 EPL 7539	Soil sampling completed
Jakalswater	91/R	EPL 7542	AEM survey completed
Julia	239/R 239/01	EPL 7539	Soil sampling completed Air core drilling completed
Keerweerder	518 (247/4)	EPL 7539	Soil sampling completed AEM survey completed

Farm name	Farm number	EPL number	Exploration activities planned
Kiripotib	262 458/01	EPL 7730	Soil sampling completed AEM soil sampling completed
Klein Nauas	073/2 073/00003 073/REM 073/00001	EPL 7539 EPL 7730	Soil sampling completed AEM survey completed
Klippiesspan	238/REM	EPL 7538	Soil sampling completed
Kous	66	EPL 7732	Soil sampling incomplete AEM survey completed
Kowas Neuhof	233/2	EPL 7539 EPL 7538	Soil sampling incomplete AEM survey completed
Kowas	233/R	EPL 7539	Soil sampling completed AEM survey completed
Kuwinamab	266/267	EPL 7539	Soil sampling completed Diamond drilling completed
Lacockshoop	297	EPL 7538	AEM survey completed
Lauwater Ost	252	EPL 7539	Soil sampling completed AEM survey completed
Lauwater South	265	EPL 7539	Soil sampling completed AEM survey completed
Lauwater West	251	EPL 7539	Soil sampling completed

Farm name	Farm number	EPL number	Exploration activities planned
Lekkerwater	142 143/00REM	EPL 7732	Soil sampling incomplete
Libra	068/00002	EPL 7730	Soil sampling completed
Marguerite	238	EPL 7538	Soil sampling completed
Moedersrus (now Mimosa)	072/001 072/00REM	EPL 7730	Soil sampling completed AEM survey completed
Nantes	071/00001	EPL 7730	Soil sampling completed
Nautabis	268	EPL 7539	Soil sampling completed AEM survey completed
Nina	241/1	EPL 7538 EPL 7539	Soil sampling completed
Nonikam	253/r 253/01 253/04	EPL 7542 EPL 7539	Soil sampling completed AEM survey completed
Nonikam - Carolahof	253/00R/2	EPL 7542	Soil sampling incomplete AEM survey completed
Nonikam - Omukuru	253/05/2	EPL 7542	Soil sampling incomplete AEM survey completed
Pommernhagen	255	EPL 7542	AEM survey completed
Renette	232	EPL 7538	Soil sampling completed AEM survey completed
Renown	235	EPL 7538	Soil sampling completed

Farm name	Farm number	EPL number	Exploration activities planned
			AEM survey completed
Rice	916	EPL 7542	AEM survey completed
Schwarzwald	344	EPL 7535	Air core drilling completed Diamond drilling completed
Smalhoek	236	EPL 7539	Soil sampling completed AEM survey completed
Springboklaagte	269	EPL 7539	Soil sampling incomplete
Springboktrek	266	EPL 7539	Soil sampling completed
Springbockvley	92	EPL 7542	AEM survey completed
St Elmo	71/REM	EPL 7730	Soil sampling completed AEM survey completed
The Dunes	234	EPL 7538	Soil sampling completed AEM survey completed
Tigerpforte	59	EPL 7730	Soil sampling completed AEM survey completed
Tivoli	83	EPL 7731	Soil sampling completed AEM survey completed
Tsams	075/02	EPL 7730	Soil sampling completed AEM survey completed

Farm name	Farm number	EPL number	Exploration activities planned
Tsams_A	075/R	EPL 7730	Soil sampling completed AEM survey completed
Tsams_Hekuma	075/01	EPL 7730	Soil sampling completed AEM survey completed
Uitsig	068/00001	EPL 7730	Soil sampling completed
Verona	068/00004	EPL 7730	Soil sampling completed
Versailles	67	EPL 7730/7732	Soil sampling incomplete
Vorwarts	305	EPL 7528/7529	Air core drilling completed Diamond drilling completed



Submitted to: Kuseb Copper Company
(Pty) Ltd
Attention: Dr Branko Corner and Dr
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Namibia

REPORT:

BI-ANNUAL REPORT FOR THE PERIOD

JANUARY TO JUNE 2023

PROJECT NUMBER: ECC-113-376-REP-12-A

REPORT VERSION: REV 01

DATE: 04 SEPTEMBER 2023



TITLE AND APPROVAL PAGE

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Quality Assurance

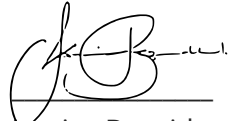
Authors:



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Environmental Compliance Consultancy

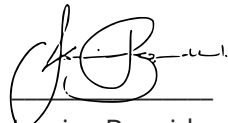
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EXECUTIVE SUMMARY

Kuiseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for nineteen approved exclusive prospecting licences (EPLs) for base and rare metals, and precious metals in the Khomas and Omaheke Regions.

The overall exploration project EPLs are located in the following regions:

- Khomas Region: EPLs 7730, 7731, 7732, 7538, 7539 and 7542
- Omaheke Region: EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540, 7541 and 7543

An environmental management plan (EMP) was compiled and approved for all the EPLs. An environmental clearance certificate is issued by the Ministry of Environment, Forestry and Tourism (MEFT) per EPL. Additionally, an environmental clearance certificate was issued for an airborne electromagnetic (AEM) survey over the EPLs.

Landowner liaison took place with landowners before all exploration activities could be conducted and Consent Agreements were signed.

Fieldwork activities included the following during the period under review: soil sampling, air core drilling and diamond drilling. Soil sampling was conducted on EPLs 7730, 7731, 7732, 7538, 7539, 7542, 7528, 7529 and 7543. Air core and diamond drilling was conducted on EPL 7539. The drilling activities will continue into the next reporting period, with the campaigns concluding in September 2023. The majority of exploration work was conducted in the Khomas Region during the reporting period. Rehabilitation is conducted as field activities progress.

No environmental non-conformances or complaints were recorded during the period under review.

No work was conducted on the following EPLs during the reporting period: EPL 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540 and 7541.

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ABBREVIATIONS

Abbreviation	Description
AEM	airborne electromagnetic
CA	consent agreement
ECC	Environmental Compliance Consultancy
e.g.	for example
EMP	environmental management plan
EPL	exclusive prospecting licence
etc.	et cetera
GPS	global positioning system
I&APs	interested and affected parties
km	kilometre
km/h	kilometre per hour
KCC	Kuiseb Copper Company (Pty) Ltd
L	litre
m	metre
MEFT	Ministry of the Environment, Forestry and Tourism
MME	Ministry of Mines and Energy
MSDS	material safety data sheets
No.	number
pXRF	portable X-ray fluorescence analyser
RES	Remote Exploration Services
RT	Rio Tinto Mining and Exploration Ltd
SOP	standard operating procedure

1 INTRODUCTION

1.1 BACKGROUND INFORMATION

Kuiseb Copper Company (Pty) Ltd (KCC) (referred to as the 'Proponent') and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT joint venture agreement, permits KCC to fully operate the exploration programme for nineteen approved exclusive prospecting licences (EPLs) for base and rare metals, and precious metals in the Khomas and Omaheke Regions.

The overall exploration project EPLs are located in the following regions:

- Khomas Region: EPLs 7730, 7731, 7732, 7538, 7539 and 7542
- Omaheke Region: EPLs 7528, 7529, 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540, 7541 and 7543

Exploration is a listed activity in terms of the Environmental Management Act, No.7 of 2007, and Regulations (2012). An environmental management plan (EMP) was compiled and approved for all the EPLs. An environmental clearance certificate is issued by the Ministry of Environment, Forestry and Tourism (MEFT) per EPL. Additionally, an environmental clearance certificate was issued for an airborne electromagnetic (AEM) survey over the EPLs. The conditions and commitments of these documents must be adhered to during all exploration activities. Figure 1 provides a satellite locality overview of each EPL.

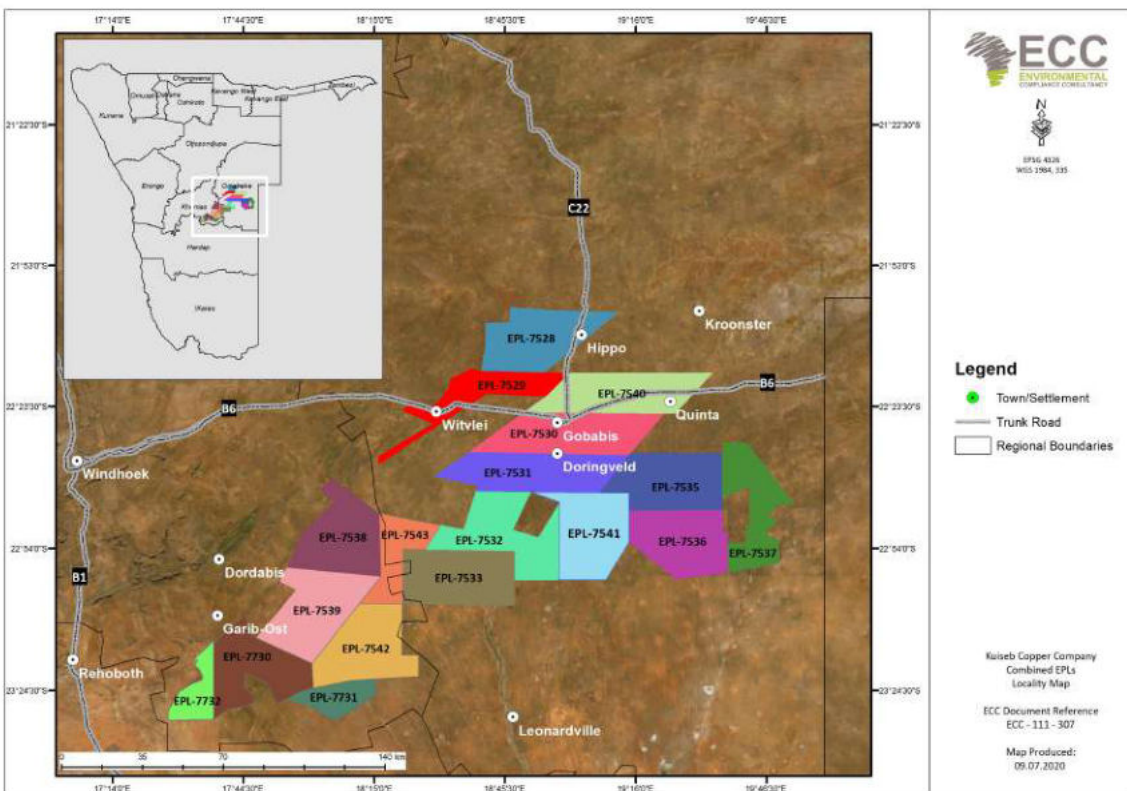


Figure 1 – Site satellite locality image of the listed EPLs

1.2 PURPOSE OF THIS DOCUMENT

Environmental Compliance Consultancy (ECC) has been engaged by the Proponent to compile the bi-annual report for all listed EPLs for the period of January to June 2023. This report details the activities conducted by the Proponent during this reporting period. The report aims to determine if the Proponent is compliant in terms of the requirements of the approved EMP and will further be discussed in this report. No physical audit was conducted during the period under review by ECC and therefore a desktop audit has been conducted to evaluate EMP compliance for the purposes of this report.

1.3 PROPONENT DETAILS

Kuiseb Copper Company (Pty) Ltd is a Namibian company in a joint venture with Rio Tinto Mining and Exploration Ltd, which is a global company. The exploration program is managed by Remote Exploration Services (RES), a South African company also registered in Namibia, Remote Exploration Services External Branch Namibia (Pty) Ltd. The Proponent’s details are set out in Table 1.

Table 1 - Proponent details

Contact	Postal Address	Email Address	Telephone
Kuiseb Copper Company (Pty) Ltd	P O Box 2055 Swakopmund Namibia	branko@iafrica.com.na	+264 81 124 6757
Remote Exploration Services	P O Box 97401 Maerua Mall Windhoek Namibia	stephan@res.co.za	+264 81 274 3848

2 EXPLORATION ACTIVITIES

During the period under review, the following activities took place, i) landowner liaison, ii) soil sampling activities, iii) air core drilling activities and iv) diamond drilling activities. The air core and diamond drilling campaigns are currently ongoing and are expected to conclude in September 2023. Activities included in these campaigns geological logging, sampling and geochemical analysis with a handheld portable X-ray fluorescence analyser (pXRF). Landowner liaison is therefore actively ongoing for both of these campaigns.

No complaints were received from interested and affected parties (I&APs) during the period under review. No environmental incidents were recorded during the reporting period. A review of the compliance of the EMP commitments can be found in the table in section 3. Any recommendations will be discussed and presented in section 4.

No formal training was undertaken during the reporting period however, daily toolbox talks discussing exploration Project-specific environmental, operational and safety topics were conducted with the team prior to field work commencing,

Environmental topics covered included the following:

- Weather conditions
- Interactions with wild animals
- Snakes and snake bites
- Bee stings
- Bushfires
- Littering

No work was conducted on the following EPLs during the reporting period: EPL 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540 and 7541.

Figure 2 provides an overview of the exploration activities that were conducted during the period under review.

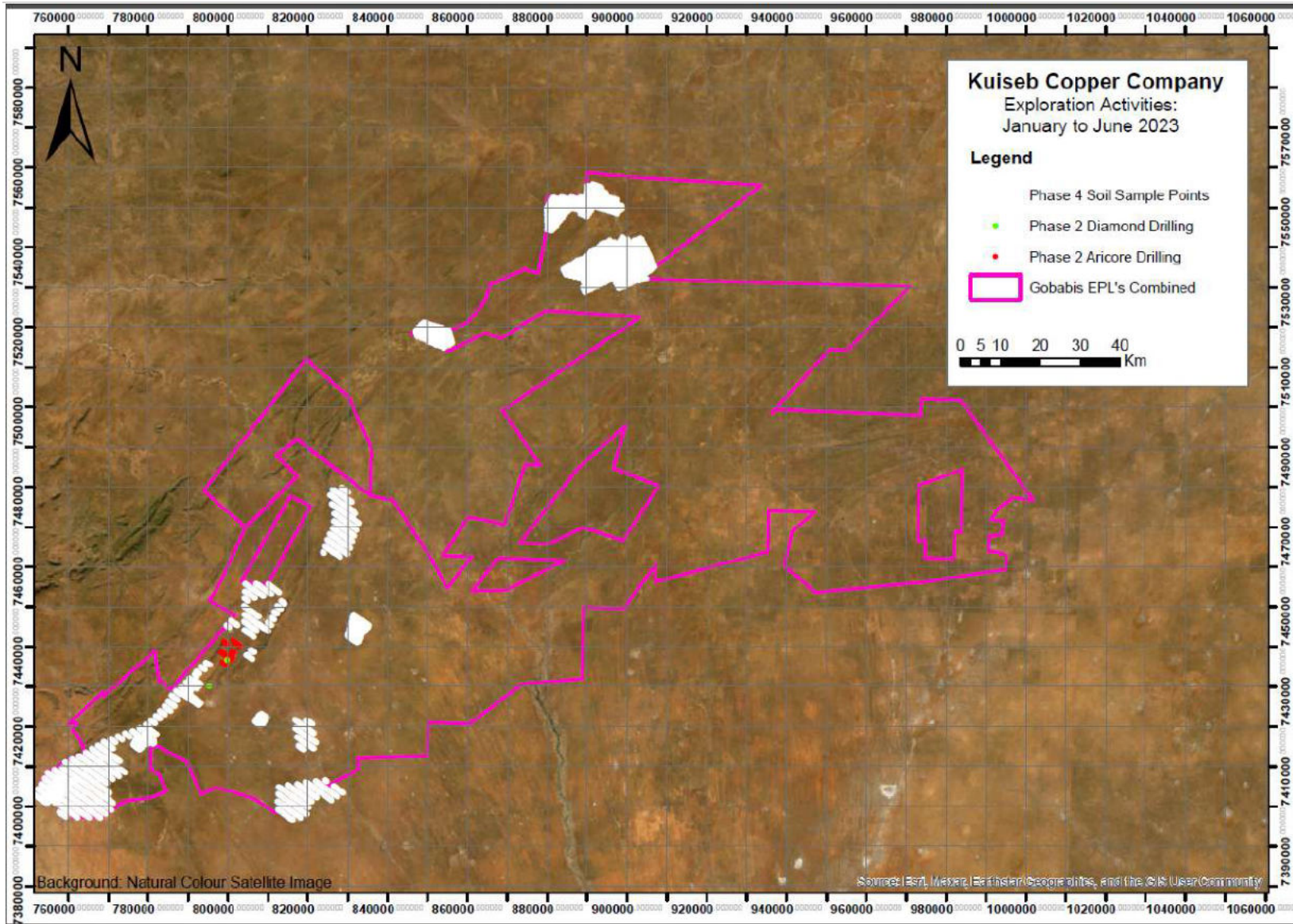


Figure 2 – Locality map depicting the various exploration activities undertaken during January to June 2023 (Source: RES)

2.1 LANDOWNER LIAISON

Contact and relationship management of landowners was undertaken by Kuiseb Copper Company management during the period under review. Remote Exploration Services engaged with landowners for phase 4 of the soil sampling programme, phase 2 of the air core drilling programme and phase 2 of the diamond drilling programme.

The majority of landowners were contacted on an individual basis via email, phone or where possible, in person. Each interaction consisted of initial contact, and a presentation of the consent agreement (CA) with a period for questions and answers. In the cases of agreement and consent, notification before the commencement of work, and upon completion was communicated, as well as disbursement of compensation for the land access.

Appendix E provides a list of the farm owners who were engaged and signed CA's per specific exploration activity. Exploration activities took place on 49 farms, respectively.

Figure 3 to Figure 11 provides locality maps per respective EPL whereby active work took place during the reporting period, with farm boundaries and farm numbers indicated.



Figure 3 – Locality map of EPL 7528 with farm boundaries

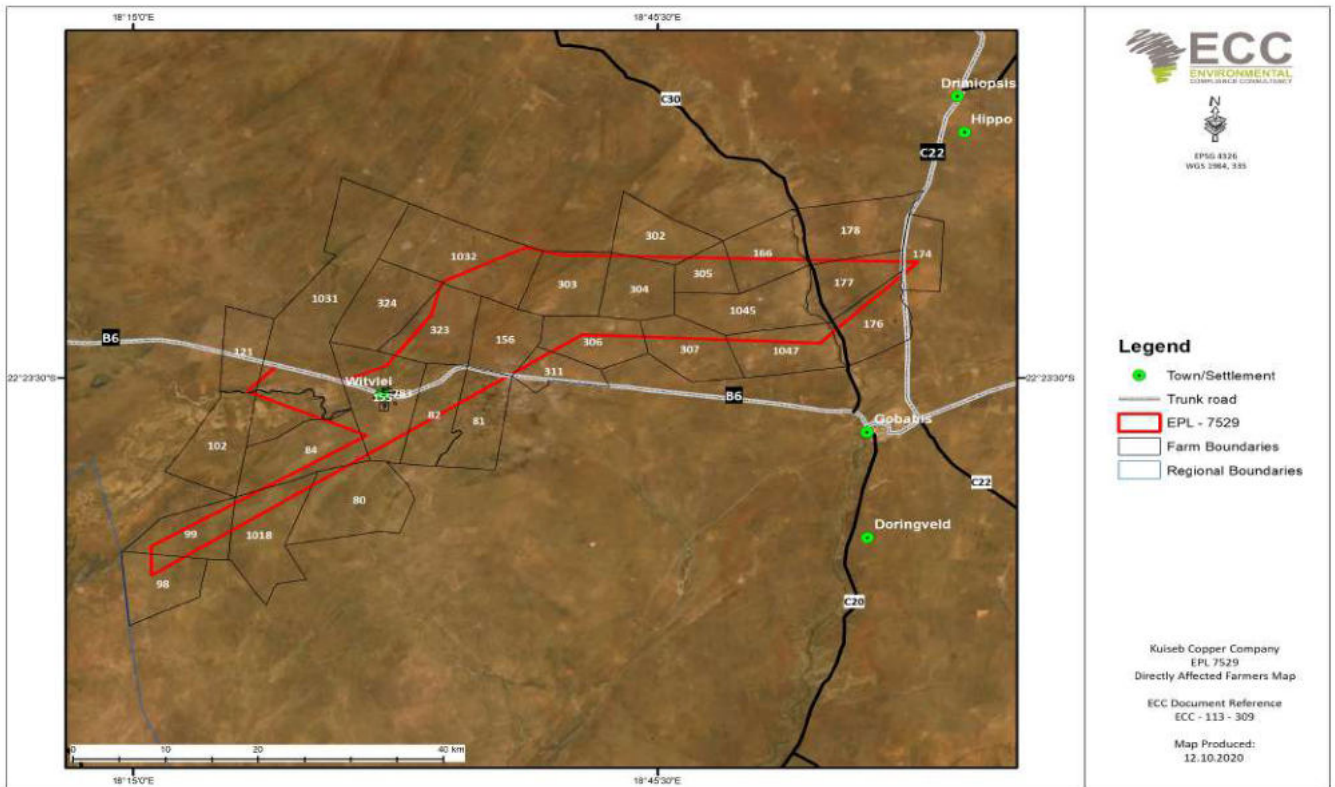


Figure 4 – Locality map of EPL 7529 with farm boundaries

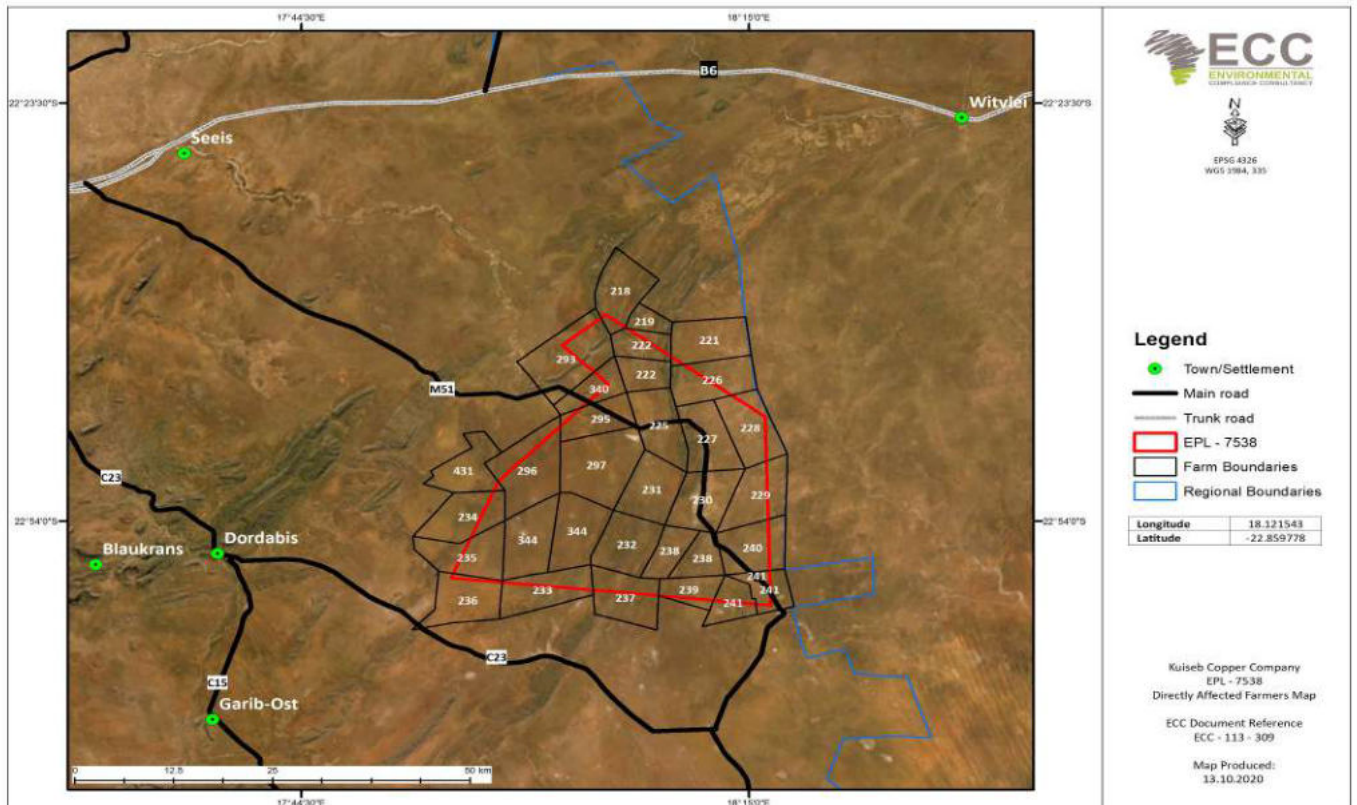


Figure 5 – Locality map of EPL 7538 with farm boundaries

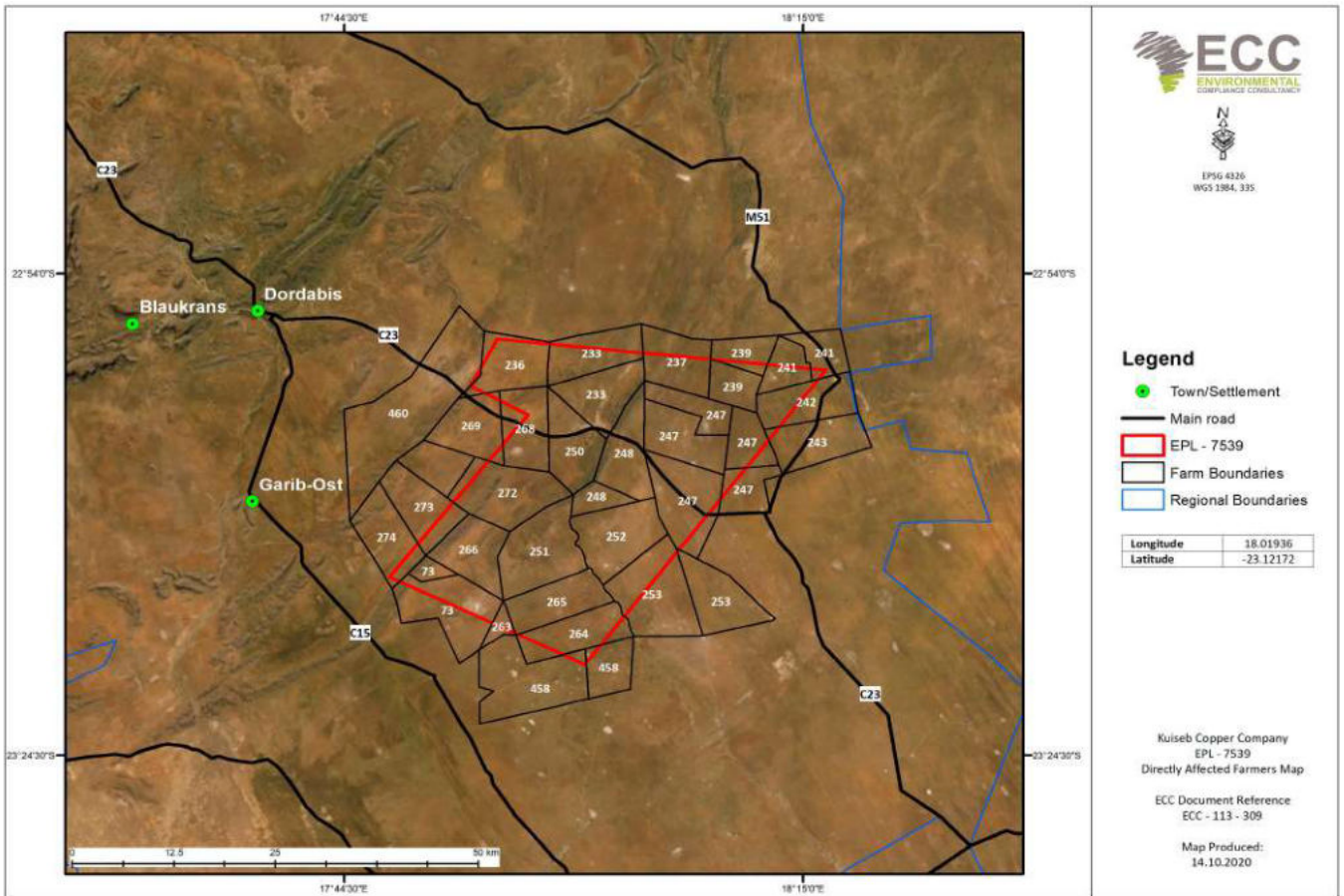


Figure 6 - Locality map of EPL 7539 with farm boundaries

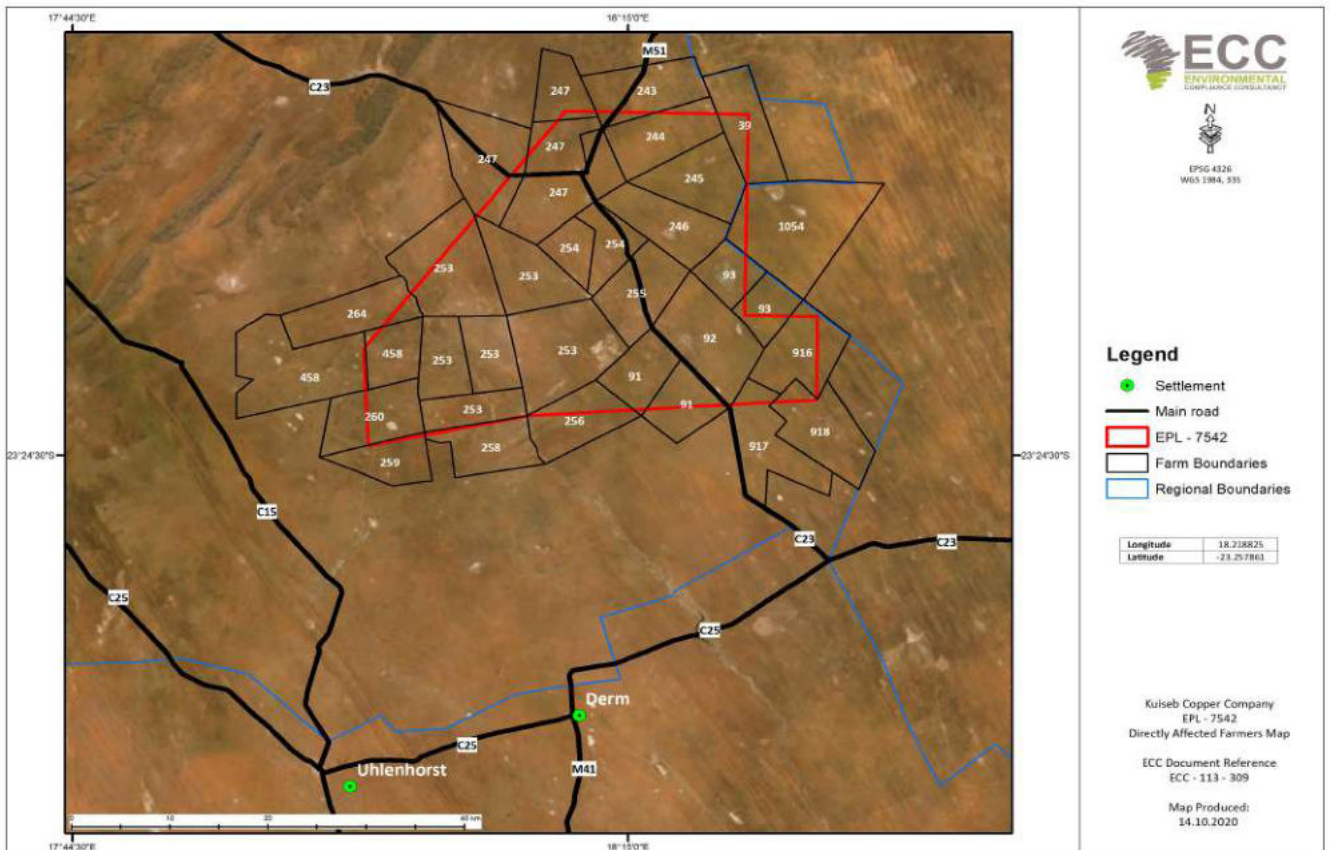


Figure 7 - Locality map of EPL 7542 with farm boundaries

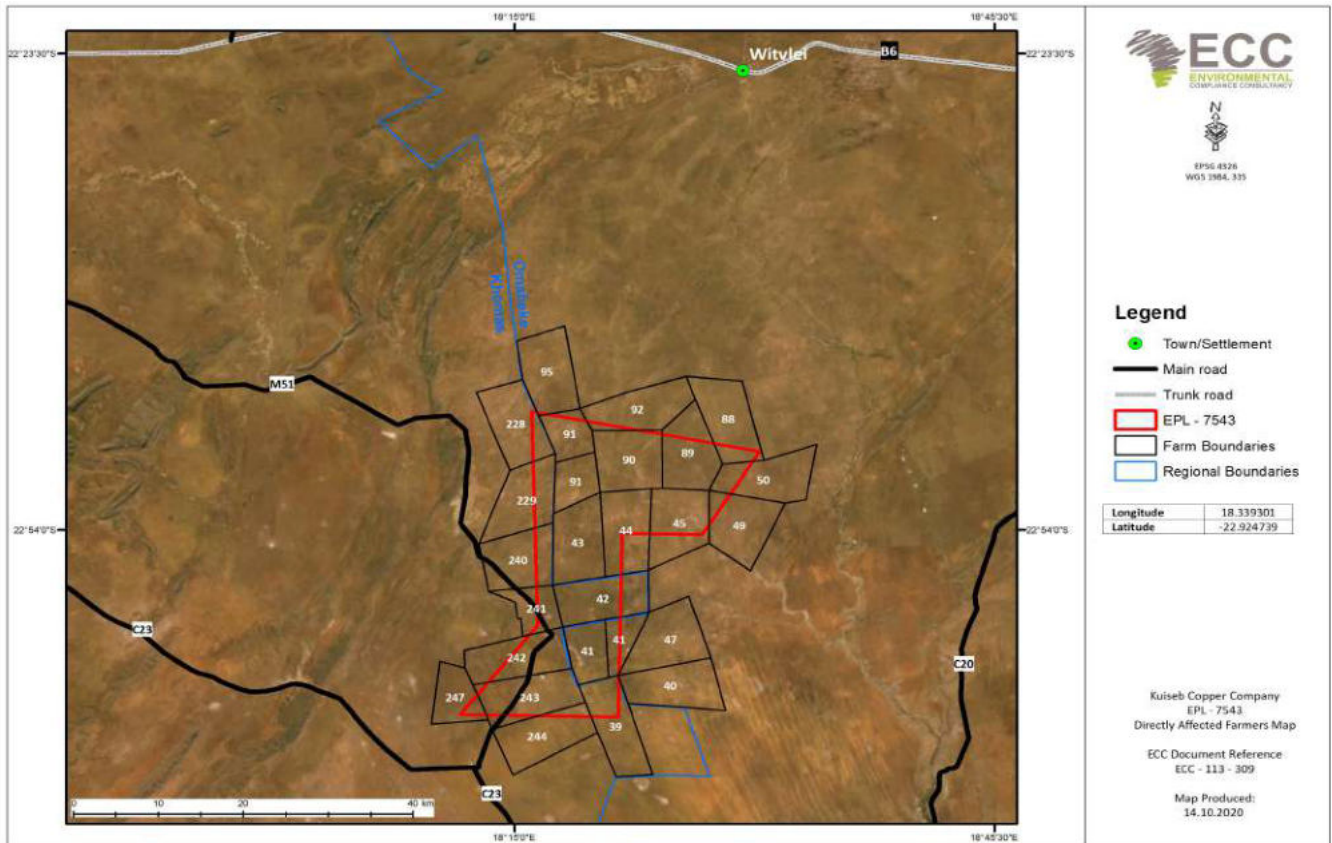


Figure 8 - Locality map of EPL 7543 with farm boundaries

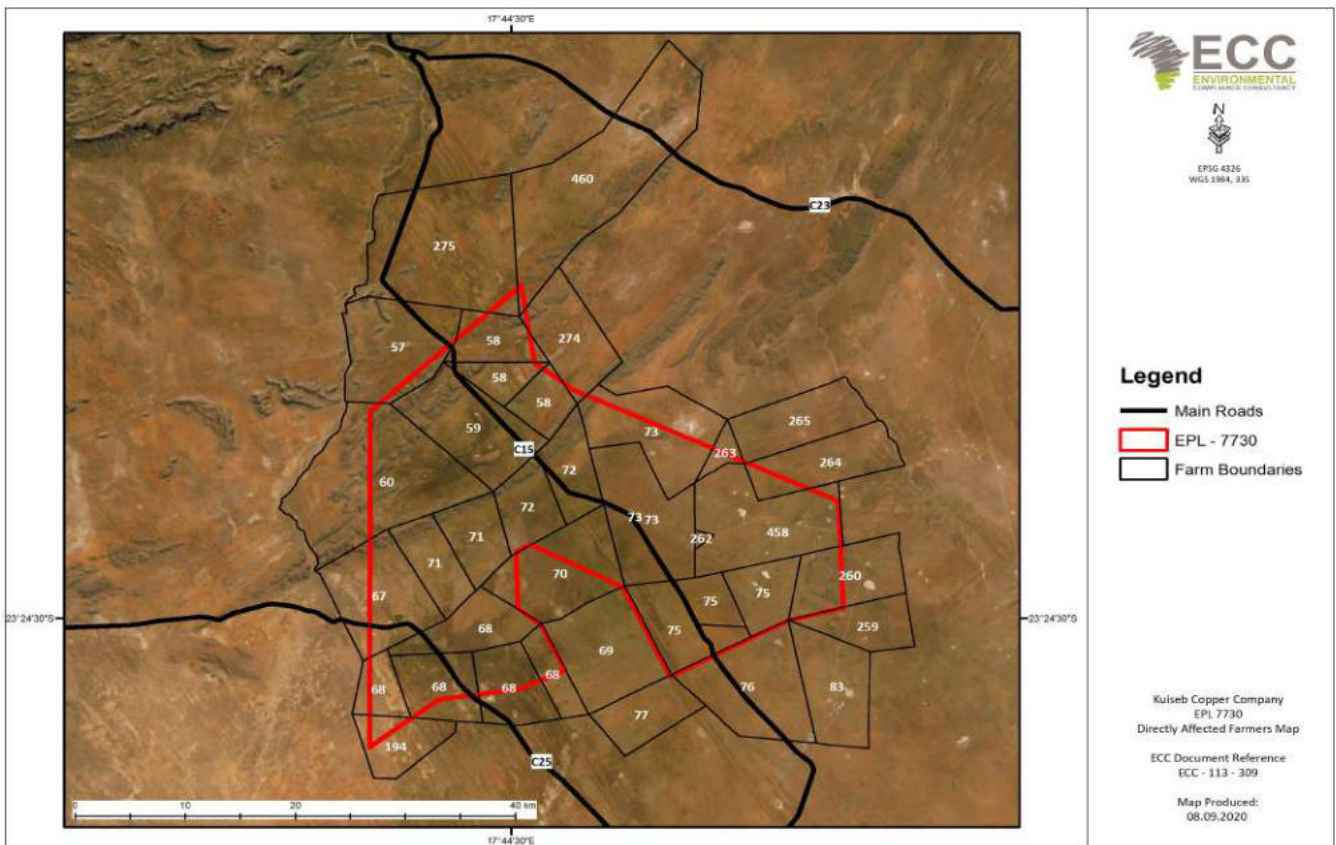


Figure 9 - Locality map of EPL 7730 with farm boundaries

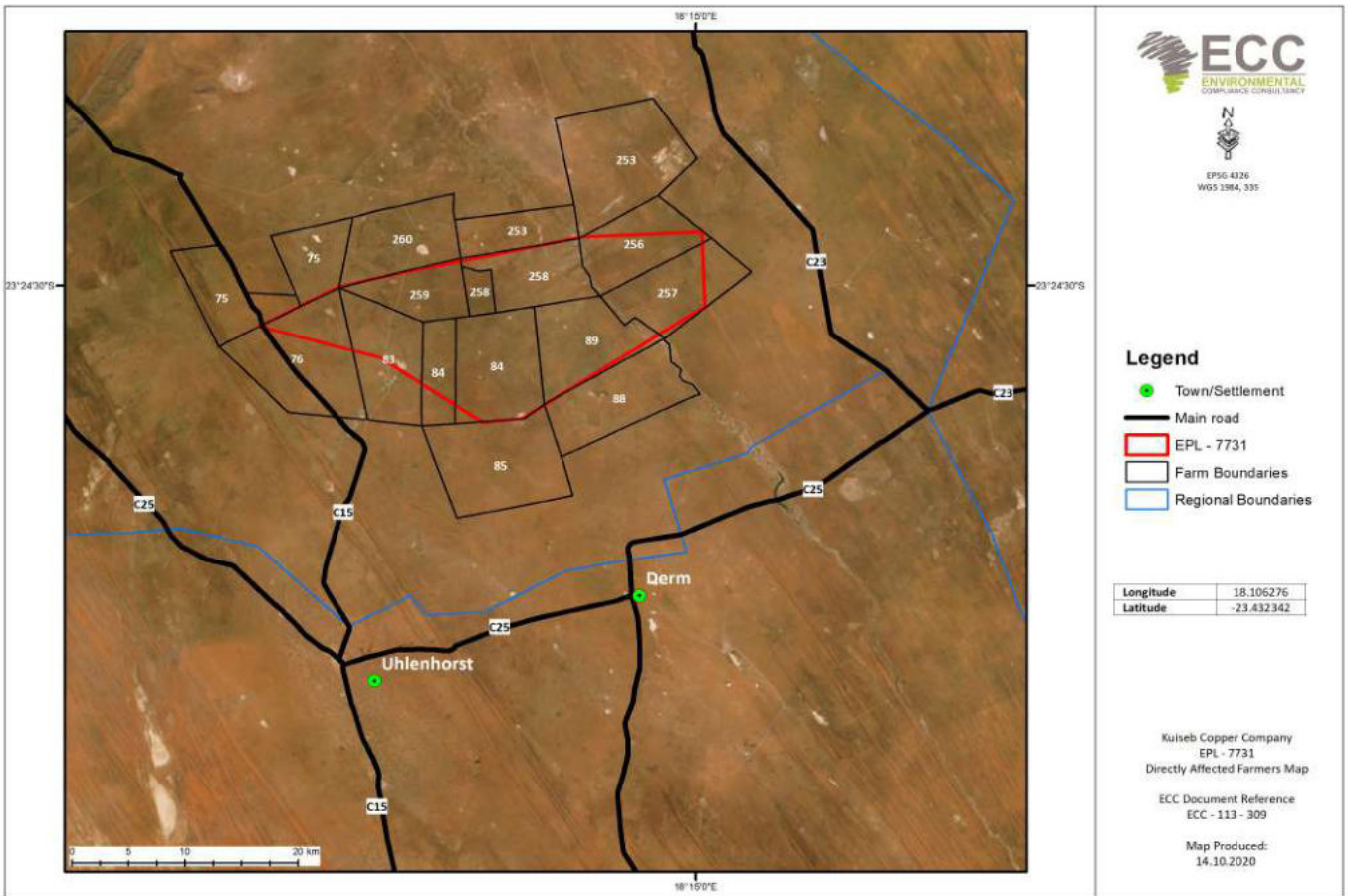


Figure 10 – Locality map of EPL 7731 with farm boundaries

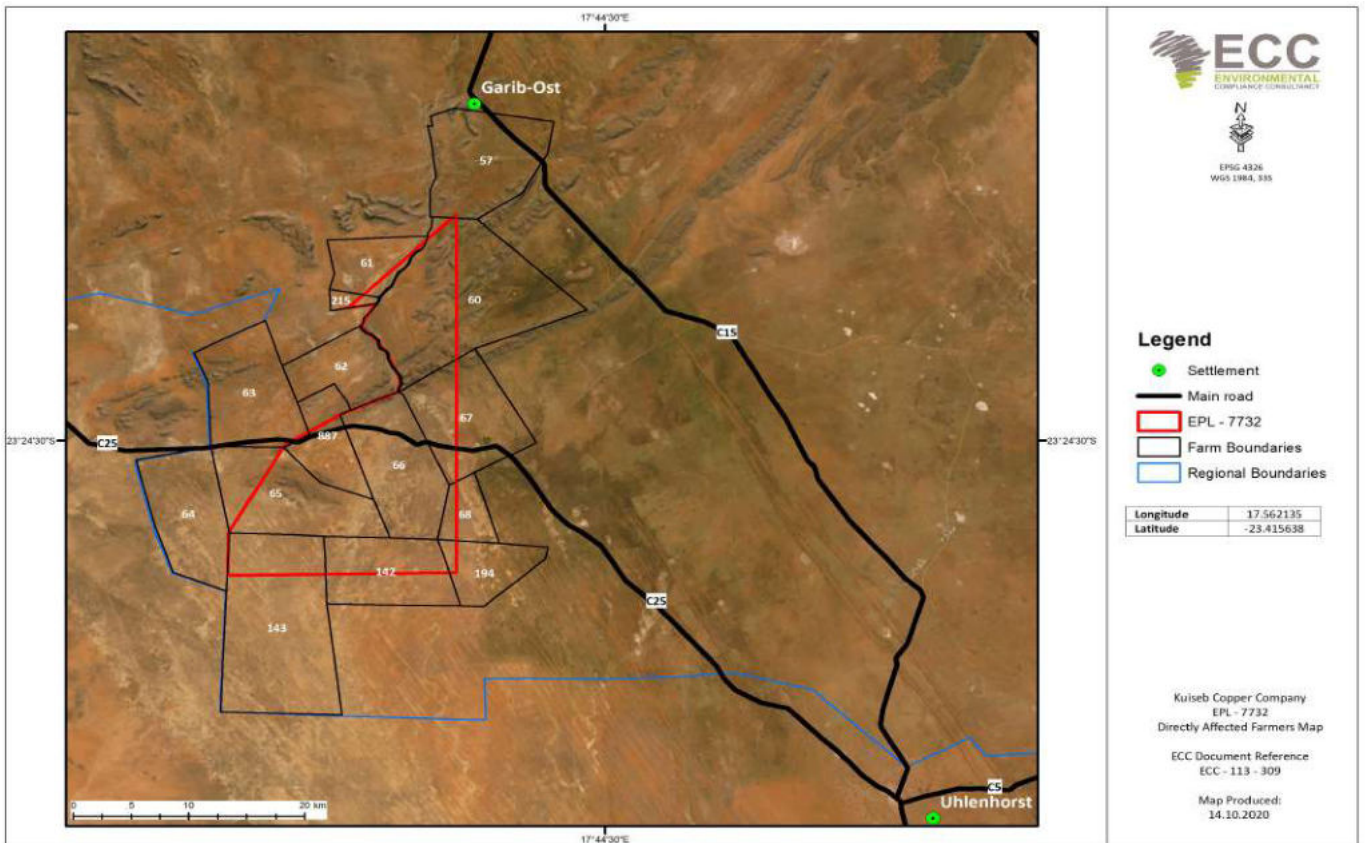


Figure 11 – Locality map of EPL 7732 with farm boundaries

2.2 SOIL SAMPLING

Soil sampling advanced to its fourth phase in quarter 1 and quarter 2 of 2023. A total of 4914 soils were collected at assigned global positioning system (GPS) points, observed and analysed for geochemistry. The proposed regional grid covered EPLs in both the Khomas (EPL 7730, 7731, 7732, 7538, 7539 and 7542) and Omaheke Regions (EPL 7528, 7529 and 7543) of Namibia, respectively. All EPLs that fall within the Khomas Region were sampled. Soil sampling was completed on a total of 49 individual farms/properties.

2.3 AIR CORE DRILLING

Phase 2 of the air core drilling programme was conducted between 14 to 30 June 2023. The rig, equipment and services were provided by Torque Africa Group. A total of 682 m of core were recovered, logged and analysed for geochemistry by pXRF from 78 drill holes (collars) distributed over two areas of interest in EPL 7539 on farms Kuwinamab (No. 272/1). Drilling depths ranged from 4 m to 47 m. This form of drilling is not very invasive and drill sites are quickly returned to their normal state, by backfilling the holes and rehabilitating all non-permanent vehicle tracks associated with the activity. Drilling activities are ongoing until the drilling programme ends in September 2023. Air core drilling will continue on farms Kuwinamab and include a third area of interest in EPL 7539 on farm Springboktrek (No. 226).

2.4 DIAMOND DRILLING

Phase 2 of the diamond drilling programme was conducted between 27 May 2023 to 28 June 2023. Diamond drilling was performed by Mitchell Drilling Namibia (Pty) Ltd using their Sandvik MDI1101 rig. A total of 491.5 m of core was drilled from 3 collars, in three areas of interest in EPL 7539, on farms Kuwinamab (No. 272/1) and farm Springboktrek (No. 226). The actual depth of the geological boreholes drilled ranged from 147.85 m to 185.3 m. The recovered core was logged and analysed, and then the recovered material was submitted to ALS Global for geochemical analysis. Drilling activities are ongoing until the drilling programme ends in September 2023 on the aforementioned farms. Rehabilitation is progressing as the campaign progresses.

3 EXPLORATION EMP COMPLIANCE AUDIT

This section provides an overview of the compliance with EMP requirements as depicted in the approved EMP for all EPLs (Appendix A). No non-conformances were reported for the period under review.

Table 2 - Exploration EMP compliance audit

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
Access and site preparation	<ul style="list-style-type: none"> - Miscommunication with the farm owners, - Disruption of farm operations (leaving gates open, loss of farming area, interference at water points) - Potential conflict with farm owners and neighbours (suspicious movement, poaching, stock theft, field fires, etc.). 	<ul style="list-style-type: none"> - Ensure documented permission to enter farms is enforced, - Farmers should have access to all farm areas at all times, - Existing water points and feeding areas need to be left, unaffected, - Use existing roads for access to avoid new tracks and cut lines, - Compliance with all applicable laws and agreements. 	- Compliant	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place during the reporting period. - The drilling and exploration teams move together on existing tracks and stay away from farming activities.
	<ul style="list-style-type: none"> - Potential grievances and complaints, 	<ul style="list-style-type: none"> - Develop and implement an environmental and social operation manual or procedures to work on private 	- Compliant	<ul style="list-style-type: none"> - Open communication and landowner

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> - Social discomfort and anxiety 	<ul style="list-style-type: none"> farms and implement monitoring programmes thereafter, - Maintain continuous communication with interested and affected parties (I&APs) to identify concerns and mitigation measures, - Compliance with all applicable laws and agreements, - Train personnel and raise awareness to sensitize them about contentious issues such as stock theft and poaching, - Ensure appropriate supervision of all activities daily, - Accidents and incidents need to be reported to exploration manager and recorded in the incident register. 		<ul style="list-style-type: none"> liaison with farm owners/managers where activities have taken place during the reporting period. - Consent agreements signed with farm owners before exploration activities can proceed. - Daily supervision on site by geologists.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
General exploration activities	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed, injured or killed by movement of vehicles and equipment 	<ul style="list-style-type: none"> - Restrict movements to areas of activities only, - Use existing tracks and routes as far as practically possible, - Identify rare, endangered, threatened and protected species in advance such as the white or black rhino, - Route new tracks around sensitive areas inhabited by protected species (i.e., pangolins, etc.), - Restrict movements to daytime hours, - Sensitize personnel by training and creating awareness amongst them and notify them to avoid some areas, - No driving off designated access routes (into the bush) or any off-road, - No animals or birds may be collected, caught, consumed or removed from site. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The drilling and exploration teams move together on existing tracks and stay away from farming activities, where possible. - All field staff are always under supervision and have been informed of what areas to avoid on the respective farms.
	<ul style="list-style-type: none"> - Residing and nesting organisms can be disturbed as a result of ambient noise from operations and movements of 	<ul style="list-style-type: none"> - Restrict excessive noise to areas of activities only, - Restrict excessive noise to daytime hours (7 am to 5 pm weekdays and 7 am until 1 pm on Saturdays), - No activities are allowed between dusk and dawn, - Drill equipment shall be suitably positioned to ensure that noisy equipment is away from receptors, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Open communication and landowner liaison with farm owners/managers where activities have taken place

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
	<ul style="list-style-type: none"> vehicles and equipment – Conflict with farmers and neighbours about rising of ambient noise levels 	<ul style="list-style-type: none"> – Residents shall be provided at least two weeks' notice of drilling operations within 1 km of their property, – All equipment to be shut down or throttled back between periods of use, – Adhere to civil aviation regulations about the use of a drone, if necessary. 		<ul style="list-style-type: none"> during the reporting period. – Exploration activities restricted to daytime (08:00 – 17:00).
	<ul style="list-style-type: none"> – Visual disturbances 	<ul style="list-style-type: none"> – Position drill equipment and other heavy equipment in such a way that it is out of sight from human receptors; – Barriers or fences shall be used if drilling occurs in locations that may affect residents or livestock – Maintain good housekeeping standards on site, – Maintain continuous communication with I&APs to identify concerns and mitigation measures. 	<ul style="list-style-type: none"> – Compliant 	<ul style="list-style-type: none"> – No non-conformances reported. – The Proponent to ensure compliance with the requirements of the EMP.
	<ul style="list-style-type: none"> – Dust and emissions 	<ul style="list-style-type: none"> – All vehicles and machinery or equipment to be shut down or throttled back between periods of use, – Use existing access roads and tracks where possible, – Apply dust suppression where possible, – Restrict the speed of vehicles (<30 km/h), – Specific activities that may generate dust and impact on residents shall be avoided during high wind events, 	<ul style="list-style-type: none"> – Compliant 	<ul style="list-style-type: none"> – No non-conformances reported. – The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Residents need to be informed at least two weeks in advance that drilling operations are within 1km of their property, - Vehicles and machinery are to be regularly serviced according to the manufacturers' specifications and kept in good working order so as to minimise exhaust emissions. 		
	<ul style="list-style-type: none"> - Loss of soil quality due to mixing of earth matter, trampling, compaction, and pollution, - Enhanced soil erosion 	<ul style="list-style-type: none"> - Where possible, plan access routes, drill pads and camps outside of existing drainage lines, - Where necessary, install diversions to curb possible erosion, - Restore drainage lines when disturbed, - Topsoil should be stockpiled separately, and re-spread during rehabilitation, - Limit the possibility of compaction and creating of a hard subsurface, - Limit the possibility of trampling, - During drilling oil absorbent matting should be placed under and around the rig, - Equipment must be in a good condition to ensure that accidental oil spills do not occur and contaminate soil, - In the event of spills and leaks, polluted soils must be collected and disposed of at an approved site, - Limit the possibility of mixing mineral waste with topsoil. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances reported. - Mitigation measures employed during drilling to prevent unnecessary disturbance. - Rehabilitation is ongoing for all drilling programmes. - Site rehabilitation includes levelling of any soil disturbed by the rig or support vehicles/equipment

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				and redistribution of all vegetation that has been removed.
	<ul style="list-style-type: none"> - Groundwater contamination 	<ul style="list-style-type: none"> - Ensure drill pads and spill kits are in place on site, - Consider alternative sites when the water table is too high, - Wastewater shall be contained, - Where possible, water from existing water sources shall be used. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Air core drilling is a dry process and thus no wastewater is generated by this drilling method. - No non-conformances reported for the diamond drilling programme. - The Proponent to ensure compliance with the requirements of the EMP.
Airborne EM survey (AEM) over the EPL,	<ul style="list-style-type: none"> - Perceived impact from low-flying EM survey activities on livestock and humans. 	<ul style="list-style-type: none"> - Prior to conducting aerial surveys, both directly and indirectly affected parties should be informed in writing at least 2 weeks prior, - The following information is to be included in the written communication sent to the interested and 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Engagements took place as required and daily notifications are sent to farm

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
<p>possible low flying, indication of line spacing</p>		<p>affected parties. This can be in the form of a Press Notice;</p> <ul style="list-style-type: none"> ○ Company name, ○ Survey dates, time and duration, ○ Purpose of the survey, ○ Flight altitude, ○ Survey location, map of survey area and flight lines, and ○ Contact details for enquiries. 		<p>owners during the survey activities.</p> <ul style="list-style-type: none"> - No issues reported.
<p>Vegetation clearance for access routes, drill pads and temporary contractor camps</p>	<ul style="list-style-type: none"> - Loss of plant species - Loss of habitat - Create landscape scars - Enhance erosion - Loss of sense of place 	<ul style="list-style-type: none"> - Use existing roads for access to avoid new tracks and cut lines, - Minimise clearance areas through proper planning of the exploration activities, - Route new tracks around established and protected trees, and clumps of vegetation, - Identify rare, endangered, threatened and protected species, - During toolbox talks and induction, highlight to workers that the removal of significant plants should be avoided, - Where possible rescue and relocate plants of significance, - Promote revegetation of cleared areas upon completion of exploration activities. 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - The drilling and exploration teams move together on existing tracks and stay away from farming activities, where possible. - All field staff are always under supervision and have been informed of what areas to avoid on the respective farms.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				<ul style="list-style-type: none"> - Toolbox talk are conducted on a daily basis covering all operational, environmental and safety requirements for the Project. - Site rehabilitation includes levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution of all vegetation that has been removed, to encourage re-vegetation.
	<ul style="list-style-type: none"> - Alien plants and weeds can accidentally be introduced 	<ul style="list-style-type: none"> - All project equipment arriving on site from an area outside of the project or coming from an area of known weed infestations (not present on the project site) should have an internal weed and seed inspection completed prior to equipment being used, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - Induction is conducted and training/awareness is raised, daily toolbox talks with the teams.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Ensure contractors receive induction on spread of alien weed, - Ensure the potential introduction and spread of alien plants is prevented, - Ensure the correct removal of alien invasive vegetation and prevent the establishment and spread of alien invasive plants, - Eradicate weeds and alien species as soon as they appear, - Make workers aware about alien species and weeds. 		<ul style="list-style-type: none"> - The Proponent to ensure compliance with the requirements of the EMP.
<p>Fuel handling and storage, maintenance on equipment, machinery and vehicles</p> <p>Inadequate control or accidental releases of hazardous substances on site</p>	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Enhance accidental veld fires during high wind periods 	<p>Storage</p> <ul style="list-style-type: none"> - Label chemicals appropriately, - Chemicals with different hazard symbols should not be stored together - clear guidance on the compatibility of different chemicals can be obtained from the material safety data sheets (MSDS) which should be readily available, - Store chemicals in a dedicated, enclosed, and secure facility with a roof and concrete floor. Chemical tanks should be completely contained within secondary containment such as bunding, - Consider the feasibility of substituting hazardous chemicals with less hazardous alternatives, 	<ul style="list-style-type: none"> - Compliant 	<ul style="list-style-type: none"> - No non-conformances or incidents reported. - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Storage and handling of fuels and chemicals shall be in compliance with relevant legislation and regulations, - Fuels, lubricants, and chemicals are to be stored within appropriately sized, impermeable bunds or trays with a capacity not less than 110% of the total volume of products stored. <p>Fire risk</p> <ul style="list-style-type: none"> - No open fires are allowed to be lit by personnel, associated with the proponent anywhere on the EPL outside of dedicated campsites, - The proponent to ensure that exploration campsites have proper cooking facilities available to use. Gas stoves are the preferred option, - No cigarette butts are allowed to be discarded into the environment. These should be contained in appropriate domestic containment bins and disposed of at the local landfill site, - No unauthorised movement beyond the exploration areas and campsites is allowed, - Proper fire hazard identification signage to be placed in areas that store flammable material (e.g., hydrocarbons and gas bottles), 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Control and reduce the potential risk of fire by segregating and safe storage of materials, - Avoid potential sources of ignition by prohibiting smoking in and around facilities, - Fire extinguishers should always be at designated areas and should be inspected regularly. <p>Spills</p> <ul style="list-style-type: none"> - Spill kits with the following items as a minimum should be made available on site: <ul style="list-style-type: none"> o Absorbent materials, o Shovels, o Heavy-duty plastic bags, o Protective clothing (e.g., gloves and overalls), - Major servicing of equipment shall be undertaken offsite or in appropriately equipped workshops, - For small repairs and unavoidable and necessary maintenance activities all reasonable precautions to avoid oil and fuel spills must be taken (i.e., spill trays, impervious sheets), - Provision of adequate and frequent training on spill management, spill response and refueling must be provided to all onsite personnel, - No refueling is to take place within 50 meters of groundwater boreholes, surface water or streams. 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Vehicles and machinery are to be regularly serviced to minimise oil and fuel leaks, - All major petroleum product spills (spill of more than 200 litres per spill) should be reported to the Ministry of Mines and Energy (MME) on Form PP/11 titled "Reporting of major petroleum product spill", attached as Appendix B. <p>The following points therefore apply to all areas on the site:</p> <ul style="list-style-type: none"> - Assess the situation for potential hazards, - Do not come into contact with the spilled substance until it has been characterised and necessary personal protective equipment (PPE) is provided, - Isolate the area as required. <p>The following measures are to be implemented in response to a spill:</p> <ul style="list-style-type: none"> - Spills are to be stopped at source as soon as possible (e.g. close valve or upright drum), - Spilt material is to be contained to the smallest area possible using a combination of absorbent material, earthen bunds or other containment methods, - Spilt material is to be recovered as soon as possible using appropriate equipment. In most cases, it will be 		

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<p>necessary to excavate the underlying soils until clean soils are encountered,</p> <ul style="list-style-type: none"> - All contaminated materials recovered subsequent to a spill, including soils, absorbent pads and sawdust, are to be disposed to appropriately licensed facilities, - A written incident report must be submitted to the general manager. 		
<p>Generation of waste</p>	<ul style="list-style-type: none"> - Soil contamination - Water contamination - Nuisance (visual impacts, litter) - Ecological risks 	<ul style="list-style-type: none"> - Good housekeeping standards applied on site, - Training and raise awareness through toolbox talks and induction, - Implement a standard operational procedure (SOP) on waste management, from all kinds of waste possible on-site (e.g. hydrocarbons, domestic, wastewater), - Implement a culture of correct waste collection, waste segregation and waste disposal, complimentary to the waste hierarchy – avoid, re-use, recycle, - Wastewater discharges will be contained – no disposal of wastewater directly into the environment is allowed. 	<p>- Compliant</p>	<ul style="list-style-type: none"> - Toolbox talks are provided by the drilling company foreman prior to the start of air core or diamond drilling activities. - An SOP is in place. - Solid waste is collected on site and disposed of at the Gobabis landfill site. - The Proponent to ensure compliance with the requirements of the EMP.

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
				- No non-conformances reported.
Water use	<ul style="list-style-type: none"> - Soil contamination - Ground and surface water contamination - Nuisance (visual and odour) 	<ul style="list-style-type: none"> - Minimise the operational consumption of water throughout the operations of the project, - Visual monitoring and photographic record should be kept of any surface and / or groundwater intersected, - Recycle wastewater, where possible, - Install devices to prevent spills and overfills, e.g. shutoff devices for large volume tanks (e.g. > than 2000 L), - Install an impermeable hardstand in areas of high-risk contamination to prevent ground infiltration by pollutants, - Segregation of wastewater (domestic and industrial effluent), - During operations, monitoring of wastewater discharges (specific to a wastewater discharge permit conditions) should be conducted on a regular basis (quarterly). 	- Compliant	<ul style="list-style-type: none"> - No non-conformances reported. - The Proponent to ensure compliance with the requirements of the EMP.
Heritage	- Disruption of heritage sites	In case of discovering or unearthing heritage sites, particularly palaeontological or archaeological finds, the following measures (chance find procedure) shall be applied:	- Compliant	<ul style="list-style-type: none"> - No non-conformances observed. - Chance find procedure

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
		<ul style="list-style-type: none"> - Work to cease, area to be demarcated with appropriate tape by the site supervisor, and the site manager to be informed, - The site manager to visit the site and determine whether work can proceed without damage to findings, mark exclusions boundary and inform the environment and social manager with the GPS position if possible, - If works cannot proceed without damage to findings, the site manager to inform the environmental manager who will get in touch with an archaeologist who will provide advice, - Exploration manager or archaeological specialist to evaluate the significance of the remains and identify appropriate action, for example, record and remove; relocate or leave in situ (depending on the nature and value of the remains) - Inform the police if the remains are human, and - Obtain appropriate clearance or approval from the competent authority, if required, and recover and remove the remains to the national museum or national forensic laboratory as directed. 		implemented if required.
Job creation, skills development	- Beneficial socio-economic impacts	- Maximise local employment and local business opportunities,	- Compliant	- Evidence of local employment and

Activity	Potential impacts	Management/mitigation measures	Compliance	Comments
and business opportunities	on a local and regional scale	<ul style="list-style-type: none"> - Enhance the use of local labour and local skills as far as reasonably possible, - Ensure that goods and services are sourced from the local and regional economy as far as reasonably possible. 		local business opportunities.

4 CONCLUSION

No environmental non-conformances or complaints were recorded during the period under review.

Landowner liaison took place with landowners before all exploration activities could be conducted and CA's were signed.

Fieldwork involved utilising existing access tracks and walking where driving was not possible. Sampling techniques during the soil sampling were non-invasive and therefore no rehabilitation was required to be conducted. Soil sampling was conducted on EPLs 7730, 7731, 7732, 7538, 7539, 7542, 7528, 7529 and 7543. Air core drilling involved the use of a drill rig mounted on the back of a vehicle, whereby samples were removed with a drill bit and no chemicals were used. Air core drilling was conducted on EPL 7539. Diamond drilling involved the use of a diamond drill rig to remove the core, with support vehicles and equipment. Wastewater is produced from the rig during the process and contained externally accordingly in containers or shallow trenches/pits. Diamond drilling was conducted on EPL 7539. The drilling activities will continue into the next reporting period, with the campaigns concluding in September 2023. The majority of exploration work was conducted in the Khomas Region during the reporting period.

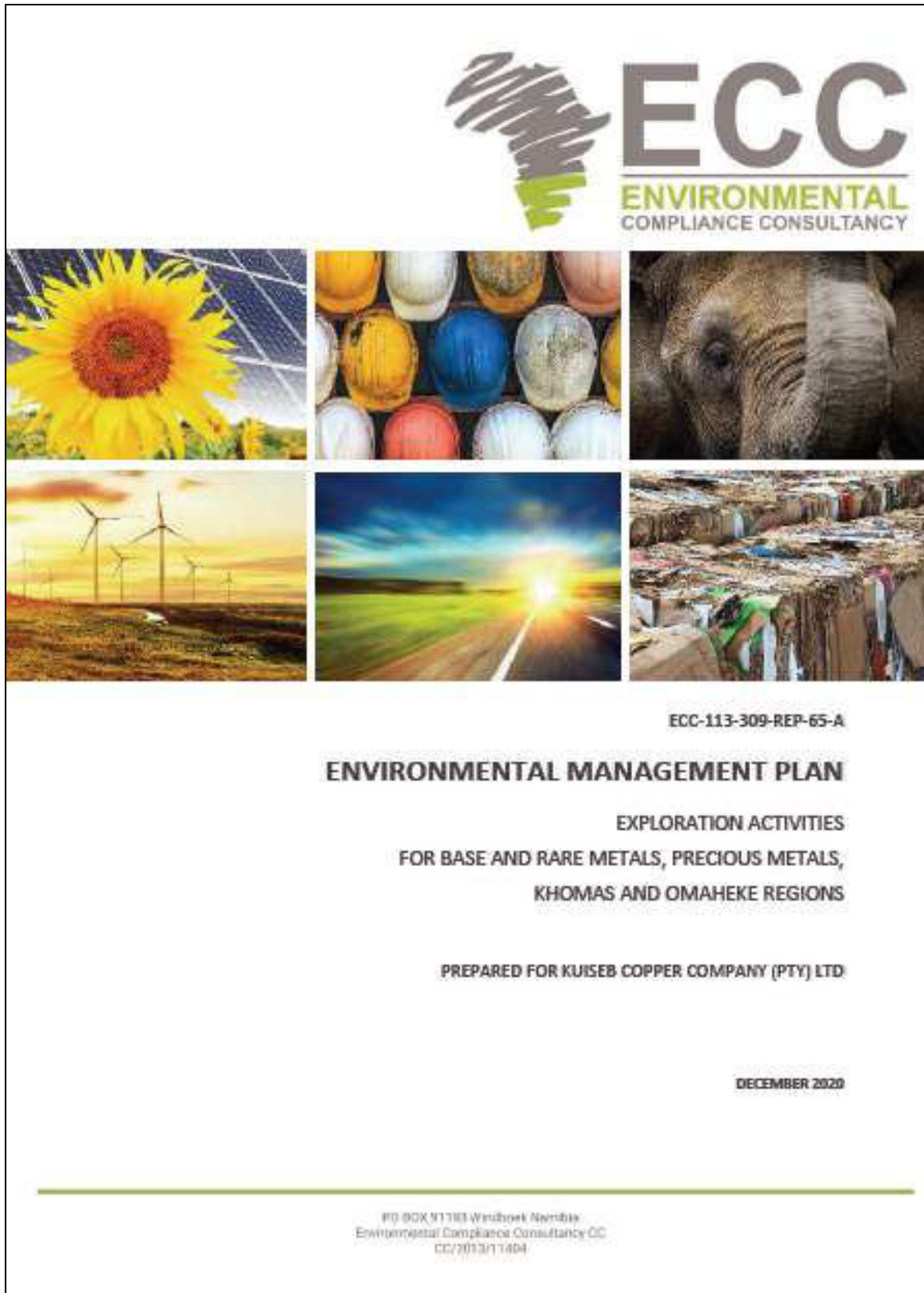
Prior to drilling, planned drill sample locations and pathways are cleared of vegetation to allow access for the vehicles, drill rig and support equipment. The locations of drill sites are planned along existing private roads within farm boundaries, to minimise the quantity of clearing required. The clearing team was allowed tolerance to amend the assigned location to minimise the impact on the environment or local infrastructure. Areas were cleared in a 10 m radius for air core drilling, and a 20 m radius for diamond core drilling.

Rehabilitation is conducted as field activities progress. Site rehabilitation includes levelling of any soil disturbed by the rig or support vehicles/equipment and redistribution of all vegetation that had been removed, to limit soil erosion and to encourage new vegetation growth.

No environmental non-conformances or complaints were recorded during the period under review.

No work was conducted on the following EPLs during the reporting period: EPL 7530, 7531, 7532, 7533, 7534, 7535, 7536, 7537, 7540 and 7541.

APPENDIX A – EXPLORATION ENVIRONMENTAL MANAGEMENT PLAN FOR ALL EPLS



APPENDIX B – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (KHOMAS REGION)

ECC – 001411 Serial: E7vz831411



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: **2021-06-08**
Expires on this date: **2024-06-08**



14 JUN 2021
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ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper Company (Pty) Ltd
P. O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7731 for base and rare metals, precious
metals in the Khomas Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08



[See conditions printed over leaf]



ECC – 01420

Serial: ND6O291420



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7732 for base and rare metals,
precious metals, Khomas Region.

Issued on the date: 2021-06-14
Expires on this date: 2024-06-14

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Serial: tGM99R1405



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7538 for base and rare metals, precious
metals in the Khomas Region**



Issued on the date: **2021-06-08**

Expires on this date: **2024-06-08**

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ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7539 for base and rare metals, precious
metals in the Khomas Region**

Issued on the date: **2021-06-08**

Expires on this date: **2024-06-08**

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ECC – 001409

Serial: 2f17uL1409



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ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



APPENDIX C – KCC EPLS ENVIRONMENTAL CLEARANCE CERTIFICATES (OMAHEKE REGION)

ECC – 01243

Serial: gWfIP51243



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration Activities on EPL 7528 for Base and Rare Metals and
Precious Metals in the Omaheke Region**

Issued on the date: **2021-02-22**

Expires on this date: **2024-02-22**

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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7529 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001402

Serial: cMbgQk1402



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7530 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001401

Serial: 3fT1131401



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper Company (Pty) Ltd
P.O. Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7531 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 01223

Serial: G2ifZO1223



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7532 for base and rare metals,
precious metals, Omaheke Region.

Issued on the date: 2021-02-09

Expires on this date: 2024-02-09

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ECC – 001412

Serial: T5jkpz1412



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7533 for base and rare metals, precious
metals in the Omaheke Region**

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001403

Serial: VFBGRN1403



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MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7534 for base and rare metals, precious
metals in the Omaheke Region



ENVIRONMENTAL COMMISSIONER

Issued on the date: 2021-06-08

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ECC – 001398

Serial: qDSHx1398



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7535 for base and rare metals and precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 01419

Serial: e9KZaY1419



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuiseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

**Exploration activities on EPL 7536 for base and rare metals and
precious metals, Omaheke Region.**



Issued on the date: **2021-06-14**

Expires on this date: **2024-06-14**

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ECC – 001404

Serial: HICDDt1404



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7537 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

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Serial: 2mWjAk1407



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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7540 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001408

Serial: Ocme2F1408



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7541 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

(See conditions printed over leaf)



ECC – 001409

Serial: 2f17uL1409



REPUBLIC OF NAMIBIA
MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM
OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE
ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseb Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7542 for base and rare metals, precious
metals in the Omaheke Region

Issued on the date: 2021-06-08
Expires on this date: 2024-06-08

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OFFICE OF THE ENVIRONMENTAL COMMISSIONER

ENVIRONMENTAL CLEARANCE CERTIFICATE

ISSUED

In accordance with Section 37(2) of the Environmental
Management Act (Act No. 7 of 2007)

TO

Kuseib Copper Company (Pty) Ltd
P O Box 2055, Swakopmund

TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY

Exploration activities on EPL 7543 for base and rare metals, precious
metals in the Omaheke Region



Issued on the date: 2021-06-08

Expires on this date: 2024-06-08

[See conditions printed over leaf]

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APPENDIX D – KCC AIRBORNE ELECTROMAGNETIC (AEM) SURVEY ENVIRONMENTAL CLEARANCE CERTIFICATE

ECC – 001399	Serial: fXTefC1399
	
<p>REPUBLIC OF NAMIBIA MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM OFFICE OF THE ENVIRONMENTAL COMMISSIONER</p>	
<p>ENVIRONMENTAL CLEARANCE CERTIFICATE ISSUED</p>	
<p>In accordance with Section 37(2) of the Environmental Management Act (Act No. 7 of 2007)</p>	
<p>TO</p>	
<p>Kuseb Copper Company (Pty) Ltd P. O. Box 2055, Swakopmund</p>	
<p>TO UNDERTAKE THE FOLLOWING LISTED ACTIVITY</p>	
<p>Airborne Electromagnetic (AEM) survey using a small aircraft or helicopter across areas of interest over 19 EPLS within the Omaheke and Khomas regions</p>	
<p>Issued on the date: 2021-06-08 Expires on this date: 2024-06-08</p>	 <p>ENVIRONMENTAL COMMISSIONER</p>
<p><i>(See conditions printed over leaf)</i></p>	
	

APPENDIX E – CONSENT AGREEMENT SIGNED WITH RESPECTIVE FARM OWNERS DURING THE REPORTING PERIOD

Farm name	Farm number	EPL number	Exploration activities
Aandster	182	EPL 7528	Soil sampling
Albano	264	EPL 7539	Soil sampling
Anias North	84	EPL 7731	Soil sampling
Anstatt	250	EPL 7539	Soil sampling
Bassingthwaigte	1028	EPL 7528	Soil sampling
Constance	230	EPL 7538	Soil sampling
Corsica	89	EPL 7731	Soil sampling
Den Haag Kuile	68	EPL 7539 EPL 7730	Soil sampling
Doreen	227	EPL 7538	Soil sampling
Ellof	194	EPL 7539 EPL 7730	Soil sampling
Faith	242	EPL 7543 EPL 7539	Soil sampling
Gravestein	65	EPL 7732	Soil sampling
Grunental	1031	EPL 7529	Soil sampling
Harzburg	166	EPL 7528 EPL 7529	Soil sampling
Held	84/00REM	EPL 7529	Soil sampling

Farm name	Farm number	EPL number	Exploration activities
Helder	380	EPL 7528	Soil sampling
Hexenkesset	887	EPL 7732	Soil sampling
Hope	243	EPL 7542 EPL 7543	Soil sampling
Hondeblaf	163/00REM	EPL 7528	Soil sampling
Klein Nauas	73/00REM	EPL 7539 EPL 7730	Soil sampling
Kous	66	EPL 7732	Soil sampling
Kowas	233/00REM	EPL 7539	Soil sampling
Kowas Neuhof	233/2	EPL 7538 EPL 7539	Soil sampling
Kuwinamab	272/1	EPL 7539	Soil sampling, air core and diamond drilling
Lauwater West	251	EPL 7539	Soil sampling
Lekkerwater	142	EPL 7732	Soil sampling
Mahagi	302	EPL 7528 EPL 7529	Soil sampling
Mimosa	72/1	EPL 7730	Soil sampling
Moedersrus	71	EPL 7730	Soil sampling
Nantes	71/1	EPL 7730	Soil sampling
Nautabis	268	EPL 7539	Soil sampling
Nonikam Omukaru	253/5	EPL 7542	Soil sampling

Farm name	Farm number	EPL number	Exploration activities
Nudom	161	EPL 7528	Soil sampling
Ombu Ondana	165	EPL 7528	Soil sampling
Otjimukandi	178	EPL 7528 EPL 7529	Soil sampling
Springboktrek	226	EPL 7539	Soil sampling, air core and diamond drilling
St Elmo	71	EPL 7730	Soil sampling
Vergelegen	162	EPL 7528	Soil sampling
Versailles	67	EPL 7730 EPL 7732	Soil sampling
Vorzarts	305	EPL 7528 EPL 7529	Soil sampling

ECC-113-482-LET-05-A

APP-002198

24 October 2023

The Directorate of Environmental Affairs
Ministry of Environment, Forestry and Tourism
Private Bag 13306
Windhoek
Namibia

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Signature: _____

Date: / /

FOR ATTENTION: THE ENVIRONMENTAL COMMISSIONER – MR TIMOTEUS MUFETI

**COPY TO: DEPUTY DIRECTOR (DIVISION OF ENVIRONMENTAL ASSESSMENT,
WASTE MANAGEMENT AND POLLUTION CONTROL, AND INSPECTIONS)
– MS SAIMA ANGULA**

RE – HERITAGE CONSENT FOR EPL 7532 ENVIRONMENTAL CLEARANCE CERTIFICATE RENEWAL FOR KUISEB COPPER COMPANY (PTY) LTD AND RIO TINTO MINING AND EXPLORATION LTD IN PARTNERSHIP, FOR BASE, RARE AND PRECIOUS METALS IN THE OMAHEKE REGION.

Dear Mr Mufeti,

Kuiseb Copper Company (Pty) Ltd (KCC) and Rio Tinto Mining and Exploration Ltd (RT), through a formal KCC-RT Joint Venture agreement, permits KCC to fully operate the exploration program for exclusive prospecting licence (EPL) 7532, in the Omaheke region. Environmental Compliance Consulting (ECC) has been engaged by the Proponent to submit the environmental clearance certificate renewal for EPL 7532.

As per the requirements on the Ministry of Environment, Forestry and Tourism (MEFT) portal, heritage consent is required to be uploaded as part of this application process. A heritage consent is not required, as this environmental clearance certificate was approved by MEFT in line with the environmental assessment requirements when the original environmental clearance was issued on 09 February 2021 (ECC- 01223), after the submission of the scoping report (with impact assessment included) for EPL 7532 in December 2020.

A desktop review of the general EPL area did not reveal any site of interest with a heritage connotation to it. An assessment of the potential heritage impacts was conducted, and significance of impact determined to be minor with mitigation. A chance find procedure was recommended and included in the site environmental management plan (EMP) to be developed for field activities on EPL 7532.

Should you require our assistance with the details contained within this letter or application, please do not hesitate to contact us and we will gladly assist. We look forward to hearing from you at your earliest convenience.

Environmental Compliance Consultancy (Pty) Ltd

PO Box 91103 Klein Windhoek Namibia

info@eccenvironmental.com

www.eccenvironmental.com

+264 81 669 7608



Yours sincerely,

A handwritten signature in black ink, appearing to read 'Stephan Bezuidenhout', written over a light blue circular stamp.

Stephan Bezuidenhout

stephan@eccenvironmental.com

A handwritten signature in black ink, appearing to read 'Jessica Bezuidenhout Mooney', written over a light blue circular stamp.

Jessica Bezuidenhout Mooney

jessica@eccenvironmental.com