



Submitted to: Gergarub Exploration and Mining (Pty) Ltd
Attention: Mr Sheron Kaviua
Private Box 90757
Windhoek
Namibia

### **I&AP PUBLIC CONSULTATION DOCUMENT:**

# I&AP COMMENTS AND RESPONSES FOR THE GERGARUB MINE PROJECT ON ML 245 ESIA REPORT

PROJECT NUMBER: ECC-99-425-REP-09-D

REPORT VERSION: REV 01

DATE: 19 JULY 2023





Gergarub Exploration and Mining (Pty) Ltd

### **TITLE AND APPROVAL PAGE**

Project Name: I&AP Comments and Responses for the Gergarub Mine Project

on ML 245 ESIA report

Client Company Name: Gergarub Exploration and Mining (Pty) Ltd

Client Representatives: Mr Sheron Kaviua

Ministry Reference: APP-00785

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### **DISCLAIMER**

Environmental Compliance Consultancy Pty Ltd (ECC) (Reg. No. CRN 2022/0593) 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 from the Proponent. 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.

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.



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### **TERMS AND ABBREVIATIONS**

ABBREVIATIONS	DESCRIPTION
ECC	Environmental clearance certificate
ECC	Environmental Compliance Consultancy
EAP	Environmental Assessment Practitioner
EIA	Environmental Impact Assessment
	Environmental Impact and Social
ESIA	Assessment
I & APs	Interested and Affected Parties
ML	Mining Licence
	Ministry of Environment, Forestry and
MEFT	Tourism
MME	Ministry of Mines and Energy
RoD	Record of Decision
ТВ	tuberculosis
ToR	Terms of Reference

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# 1 SUMMARY OF PUBLIC MEETING AND COMMENTS FROM I&APS

#### 1.1 Introduction

Gergarub Exploration and Mining (Pty) Ltd, the Proponent of the Gergarub Mining Project on Mining Licence (ML) 245 in the //Kharas Region of Namibia, has engaged Environmental Compliance Consultancy (ECC) to conduct an Environmental and Social Impact Assessment (ESIA) in compliance with the Environmental Management Act, No. 7 of 2007 and its 2012 regulations. ECC will subsequently apply for an environmental clearance certificate on behalf of the Proponent.

The Gergarub Project aims to extract economically feasible zinc deposits located on ML 245. The mining operation will involve the construction of an underground shaft, ore processing plant, , and waste rock dumps. To engage with the public and relevant stakeholders during the early stages of the Environmental and Social Impact Assessment (ESIA), public meetings were held in Windhoek and Rosh Pinah on the 28<sup>th</sup> of February and the 2<sup>nd</sup> of March 2023, respectively. However, there were no attendees at the Windhoek public meeting.

In preparation for the public meetings, invitations were sent out to interested and affected parties, the community, local, regional, and national authorities. Notices were published in local newspapers and media outlets to advertise the meetings. At the meetings, attendees were registered as interested and affected parties (I&APs), and their feedback recorded. A summary of public feedback will be issued to stakeholders, including registered I&APs and the competent authorities such as the Ministry of Mines and Energy (MME) and the Ministry of Environment, Forestry and Tourism (MEFT). This information will accompany the application for an environmental clearance certificate, which will ultimately lead to a record of decision (RoD).

### 1.2 Public Meeting Summary

The public meetings were led by Monique Jarrett, an Environmental Assessment Practitioner from Environmental Compliance Consultancy (ECC). Technical support was provided by Sheron Kaviua, the Director of the Gergarub Project.

At the start of the public meetings, the attendees were welcomed and introduced to Environmental Compliance Consultancy (ECC) as an independent environmental consulting company commissioned by the Proponent, Gergarub to act as the Environmental Assessment Practitioner (EAP). ECC was tasked with conducting the environmental impact assessment and applying for an environmental clearance certificate for the proposed Gergarub Project on Mining License ML 245



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As part of the Project's introduction to the public, the Project's location, baseline and ESIA process, and procedures were presented. The objective of the current public scoping meeting to engage all stakeholders and to identify further potential studies and assessments that may be required for inclusion in the environmental impact assessment of the Project was also emphasized.

The technical presentation by the client then provided an overview of the proposed operations on ML245 for which the environmental clearance certificate is required, as well as the overall project including:

- Overview of the project
- Project location
- Mining license
- Site layout
- Geology and drilling
- Resources
- Alternatives and innovation
- Mining method
- Ore processing methodology
- Employment and personnel
- Corporate and social responsibility plan

The presentation from ECC covered a detailed description of the public consultation purpose and intentions as part of the environmental and social impact assessment (ESIA) process for the mining operations in ML 245. At this stage, I&APs were encouraged and informed of the importance of raising any concerns and comments related to the proposed operations on ML 245, which are to be considered in the ESIA studies and submitted along with the application for an environmental clearance certificate to the competent authorities and MEFT for a record of decision.

The main components of the environmental assessment identified for consideration in the ESIA were discussed, such as, aspects and concerns raised about the impacts of mining operations on water availability, social impacts and the river diversion impacts downstream and how mitigation and monitoring measures will be enforced, which will form an important part of the impact study for the proposed Project. The current phase aims to involve and engage I&APs to develop target-specific Terms of References (TOR) for necessary specialist studies required to address all identified concerns and potential impacts in the assessment report.

### 1.3 KEY EFEDBACK ON ISSUES OF CONCERN – PUBLIC MEETINGS

The summary of comments received from the public meetings present useful and valuable input in setting out the scope for the environmental and social impact assessment through questions



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asked and points raised. An overall review of the recorded statements, the key common themes of concern that were raised can be summarised in the following categories:

### 1.3.1 COMMUNITY BENEFIT FROM THE PROJECT

Participants inquired on what Gergarub's approach would be towards community social responsibilities for the town and brought up suggestions such as opening vocational school, as this would enable community members to be qualified and employed by the mine and various other community projects. The Proponent responded that this would be a challenge as the company would first have to begin generating an income before pursuing such activities. Another point of social concern raised was the current state of health facilities that needed upgrading. The proponent responded that it was the government's responsibility to upgrade the clinics, however the proponent would investigate initiatives in which they could aid in the process.

### 1.3.2 DUST CONTROL

Another major concern raised by the I&APs was on dust was raised. The community has already experienced a significant level of negative impacts from dust on windy days when dust is blown from the waste rock dumps at Rosh Pinah Zinc Mine towards the town. The environmental practitioner assured the participants that this impact would be thoroughly looked at along with the cumulative impact of dust coming from the Rosh Pinah Zinc Mine. Furthermore, mitigation and management measures would be incorporated to deal with this impact in the environmental and social management plan.

### 1.3.3 LOCAL RECRUITMENT

I&APs are concerned that the Gergarub Project will only employ people from outside of Rosh Pinah overlooking local workers. Which further decrease their chances of gaining future employment as they are not given the opportunity to gain skills and experience. They therefore suggested a initiative to train locals before the mine open for operation to equip them with the skills to make them eligible to apply for jobs at the mine.



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### 2 ACKNOWLEDGEMENTS

To conclude all meetings, ECC expressed gratitude towards all I&APs for attending and providing valuable feedback during the public and stakeholder consultations. The Proponent and ECC aimed to create a forum for I&APs to express their concerns and address them through the public consultation process.

ECC further acknowledged that constructive feedback from I&APs leads to a more robust and improved ESIA. This process enables a project that is comprehensible to the community and I&APs. The feedback received from I&APs will assist in identifying potential impacts that require assessment and concerns that need to be addressed as the project advances.

### 2.1 DETAILED COMMENTS AND RESPONSES FROM THE PUBLIC MEETINGS

The formal period for interested and affected party registration started on 22 February 2023, and closed on 28 February 2023, for initial feedback. Feedback was gathered through public meetings, email and has been documented in the scoping report. Corresponding responses to this feedback have been included in the tables provided below.

Additional feedback is encouraged even after the public consultation period has ended, and the period for I&APs to provide feedback will remain open until the final assessment report for the project is prepared for submission to the competent authorities.



### Table 1 - Comments and feedback from the Rosh Pinah public meeting

		Thursday 2 <sup>nd</sup> March						
	Address: Kurper Street, Rosh Pinah  Community Hall							
Name	Details	Comment or question received	ECC response or clarification					
P. Jacob	Owner farm Spitskop	Raising the issues of dust control and environmental problems when project is done.	The impact will be thoroughly looked at along with the cumulative impact of dust coming from the Rosh Pinah Zinc Mine. Furthermore, mitigation and management measures would be incorporated to deal with this impact in the environmental and social management plan					
		Please give us a timeline until 2026	The project aims to reach ground-breaking in 2025					
Denis Johannes	Gardener	Water quality for the garden project	The water quality will be similar to Rosh Pinah's					
		Why the project will only open in 2026 and not before	This is the necessary time taken by the relevant studies to assess whether the project is feasible					
Indira	Tutungeni community	Who will form the 5% shareholding from the previously disadvantaged people	This is achieved through the 49% owned by Rosh Pinah out of that 10 % is for the PE miners and 1% is for the Rosh Pinah employees and that makes out the 5%.					
Kanduka	Community member	How about agricultural projects and which water will be used	This question doesn't apply to this project, however, the two operations (Trevali and Vedanta, who are the co-owner of the Gergarub Project) are looking at creating a community garden in the long term					
Owen Puley	Skorpion Zinc	What is the foreseeable workforce for the Gergarub Project	Housing is a known challenge in Rosh Pinah, and so is the case for having a proper clinic and facilities around town					
lboaotly Garoes	Community member	Private and public health facilities need to be looked at, particularly with the influx of people.	The government have to upgrade the clinics, and as a company will optimize private and public healthcare.					



### Thursday 2<sup>nd</sup> March 2023, 17h00

Address: Kurper Street, Rosh Pinah

Community Hall

	Community Hall					
Name	Details	Comment or question received	ECC response or clarification			
		Silicosis and tuberculosis are raising issues; dust in blown from the tailings very frequently	Mitigation measures will be put in place to reduce the impact of dust and protect the employees as well as the community.  The risk of silicosis will be assessed during the impact assessment process.			
Benedict Philander	Skorpion Zinc	Housing in Rosh Pinah	If the Gergarub Project takes off without a refinery, housing is seen sufficient. Should the final product be refined, there may be a shortage, however this will be addressed should that problem arise, it will be addressed.			
Ester Katjivikua	Community member	Will a VTC be opened in town as part of the project CSR.  Will there be training provided, and in which sector. The project is held by 2 active mines which are already in the place.	One must make money prior to starting with this. It is however known that is a national issue			
Jimmy Boois	Community member	What are the options looked at in term of ore treatment  Sometimes contractors are coming with their own staff whereas local people could have the right to be employed first	The idea is to have a standalone project  The EMP will make provisions for local employment notification			



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### Thursday 2<sup>nd</sup> March 2023, 17h00

Address: Kurper Street, Rosh Pinah

Community Hall

Name	Details	Comment or question received	ECC response or clarification
Leonard Andreas	Community member	Redefining the timeline	The ground-breaking is first spade hitting the ground
S P Shigwedha		Schools were assisted by the mines, but now the passing rates are dropping	Not applicable to the Gergarub Project and is a RoshSkor matter
		What is done to control dust?	Mitigation and management measures would be incorporated to deal with this impact in the environmental and social management plan
P. Kayundu	Roads Authority	Can the traffic assessment be done in collaboration with RA.	Noted
N. Kaanduka	Scorpion Zinc	How about the stakeholder engagement	Not applicable to the Gergarub Project and is a RoshSkor matter
Unidentified Individual	Community member	In the past they have observed fire that claimed life. What can be put in place to help reduce the losses of lives, maybe as a CSR. Build a fire brigade.	The project will evaluate CSR projects as the project and community needs evolve.

Table 2 - Comments and feedback from I&APs via email during the public registration period

	Comments received via email during the I&AP registration period							
Name	Stakeholder Details	Comment/Question Received	Response/Clarification					
Ockert Sales	Coleman Transport Pty	I look forward to new developments in the area and trust	Comment noted.					
	Ltd; Transport, Logistics	that the relevant parties will perform their duties and						
	and Warehousing	responsibilities to the best of their abilities.						
	services							
Alexander	RoshSkor Township	Excited about the local economic development that would be	Comment noted.					
Maasdorp	(Pty) Ltd; Municipal	attracted to Rosh Pinah.						
	related services for	Employment opportunities to be afforded to local Rosh	Comment noted, this will be looked at as					
	Rosh Pinah	Pinah residents to curb unemployment and social problems	part of the impact assessment.					
		associated with unemployment.						
		Allow local businesses and contractors the opportunity to	Comment noted, this will be looked at as					
		deliver services to the project.	part of the impact assessment.					
Leonard	Dranole Investment Cc	I am an active youth leader who intend to empower and	Comment noted.					
Andreas		motivate fellow youth in engaging through political, socially						
		suround the universe/environment for their better lifestyle.						
Petrus	Roads Authority. Rosh	The Weighbridge Is situated 500m from the drilling site. Will	At this current stage there will be no					
Kayundu	Pinah Weighbridge	there be any change on the C13/M0118 route?	changes to the C13/M0118 route.					
Thadeus		As a resident of RoshPinah town, we are not happy since	Comment Noted this will be looked at as					
Lyambezi		Skorpion Zinc mine closed. People are suffering so much;	part of the social part of the assessment.					
Ndjengwa		therefore, we are extremely support and interested						
		Gergarub mine to be open.						



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### **APPENDIX A - ADVERTS**







MERCED ES CAR PRICES
HAVE ROCKETED
Driving a hinny now Marcodes Penz may soon
become a distant dream
for mary but the most
artikant.
The average price of a
Marcades reached some
272 900 (kH-million)
last year—a 4.3% incross o over 2019 levels.
That chirnes with the
carmakar's push even
further upmarket by
focusing on top-and
models like the 5-Class
sodan to boldstar profits.
That company has been
working through partup demand after chip shortages curbad production
last year.

ages curbed production last year. Marcodes is hiking the prices even of entry-level models like the A-Class hatchback. Drivers are increasingly only be able to buy versions of the car with bells-and-whis-

MERCEDES CAR PRICES
HAVE ROCKETED
Driving a thiny new Marcodes beare may soon
become a distant dream
for many but the most
arthaent.
The average price of a
Mercedes mached some
c72 900 (81.4 million)
and war an 43% inbut wear — a 43% in from late 2019. And as battery-powered vehi-das tend to cost more than the average com-bustion-engine car, the shift to EVs may make the affordability crisis





tion of the organisation which indicates that tax has not been plant on certain rearitizance which have not been disclosed as income in India by the tonsign antitize of the group, it said.

Ortics of Prima Minister Name of the Modification of the timing of the searches, which came after India reacted angility to a documentary by the British broadcaster which focused on Modification of the Name of the India or the Name of the India reacted angility to a documentary by the British broadcaster which focused on Modification in the India of Capitant which the Name of Capitant and Capitant section mercer or the western state of Gajarat during riots in 2002. Reporters Without Borders, an interna-tional media watchdog, denounced the govern-ment's action as "at-

OLD MUTUAL BUYS
DIGITAL WILLS
STABTUP
Within days of Sanlam
buying a stake in estate
planning company
Capital Lagacy, its
biggest competito; Old
Mutual, has announced
plans to beef up its wills
business too. The green
insurer has acquired
online will startup,
QuickWill.
Old Mutual said this
acquisition will help it to
ofter a more comprehensive digital wills solution
tree of the argae, Like most
wills companies, Old
Mutual is likely eyeing

the fees it will get when it becomes the executor of these wills when a person dee. Insurers also benefit from these free wills through life insurance policies that they sell to help those because thing inheritance to their hairs pay debts and taxes due before courts can wind up their estates.

QuickWill already has more than 50 000 registered users and 10 000 rimilised wills in its bents in just a few months of operation.

Old Mutual said this would be an extension of the services that its financial advisors and business partners already offered. This acquisition, backe by Old Mutual's new srowth and innovation. growth and innovation unit, Next 176, is one of a



### the footprints we leave behind.

Dr Weder, Kauta & Hoveka Inc. has a resourceful and Dr Weder, Kauta & Hoveka Inc. has a recoursoft and pionearing tilgation practice, which it is full-service department covering all areas of tiligation ensuring that our clients get the best legal expertise. Dur lega practitioners has always believed in the highest lew of integrity. Glowed a people oriented approach, and given back to the society whenever possible. We continue to follow the principle of "client first" in providing natioble and highly effective service.





hing of training standards ning duties as beining and evaluation facilitator CV's can be submitted for the attention of the HR Officer – Signa Audation Services (Pty) Ltd olovenni.covie@westelk.com.sa

signa

a Aviation Services (Phy) Little an Aviation Training Organisation of at Exos Alsport – Windhoek and has the following vecancy able. We invite all suitably qualified conditates to apply before or on Friday, 10 March 2023.

ultrements
1040 Miniference Instructor Licence
1040 Alle Econce
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With the subject loy - Chief Technical Instructo Responsible training

isted candidates will be contacted ir Group of Companies is an equal opportunity employer.



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stablished in 1989 ind has grown into he biggest private interprise of its and in the country.

Rent-A-Drum is a leading organisa-tion in waste man-gement and recycling n Namibia and offers n Namibia and he most comprehensive ervices to local corpora-tons, mines and smaller ompanies, including res-dents of Windhoek, Swa-topmund, Walvis Bay, Os-iakati, Oranjemund and Sunda

Speaking to commer-ial manager Jaco Swart, se said that what began s a small business col-ecting household and arden waste 34 years go has since grown exonentially: \*In 2009 we started with

ecycling. Since then we have expanded all over Samibia. Today Bent-L-Drum is a household ame that provides a one-top service to residents and businesses across the rountry. We believe in a otally integrated waste nanagement solution for ur clients." When asked what

rought about the growth, wart said that the first hing they provide is a rofessional service to all heir clients, "and we un-lerstand that they need. Ve also offer a much widerlist of dient servic-

stder list of client servic-s from when we started it years ago," he said. Bosides their main tranches, they also have a tellite depots at Langer Jeinrich, Husab and lossing.

lossing.

In terms of specialised ervices, Rent-A-Drum saists the mining industry, "especially since there is much more hazardous waste that we have to deal of the work and seven personal. ngs and scrap removal. Ve're also involved in



Abraham Reinhard is the operations manager for cycling at Rent-A-Drum.

the oil and gas industry, to provide a full-scope service," he said.

### Teaching the youth Rent-A-Drum is current-

Rent-A-Drum is current-ly running a social media campaign to teach waste management to children. Speaking to Abraham Reinhard, who is the op-erations manager for e-cycling, he said that this practice is vital to the entire country. "It is im-portant that waste that ends up at landfills or at ends up at landfills or at ends up at landfills or at dump sites is recycled. Instead of plastics being blown away by the wind, we really want to make sure that each and every individual recycles."

He said that they often have children visiting their facility. "We try to carry the message across clearly so that they can go home and start recy-cling. It's very good to make them aware from a young age so that they can really understand what it's all about - that whatever recyclables are used at home should not end up at a landfill, but rather be recycled."

When it comes to what when it cames to what parents can do, he says that they play an inte-gral role in teaching their children what can be re-cycled. "That's why we systems for homes. These bugs are provided free of

that people began calling them, telling them that their household waste going to the municipal landfill is as little as 10% of what it was before. So, why recycle? "The three R's: Reuse,

"The three R's: Reuse, recycle and re-use again. That's the only way we can get all recyclable items back into the system instead of on a landfill All you need to do at home is place all your cans, plastic bottles, paper and carton into the clear bag, we will pickit up, and we will recycle it!

charge, so too is home col-lections thereof."

He says what measures their success in this, is

The Safland Property Group recently broke ground for the develop-ment of the second-larg-est distribution centre to be built in Namibia in the last six years, confirming the confidence this group and its development part-ners have in the country's

economy. The 14 650m² covered distribution centre (leasable space) which is being constructed on behalf of the Pepkor Group and F.P. du Toit Transport-

NOTICE OF AN ENVIRONMENTAL ASSESSMENT AND PUBLIC MEETINGS FOR THE PROPOSED GERGARUB MINE ON ML 245, //KHARAS REGION, NAMIBIA

ers, and is established and managed by Safland, is located near the Bi highway at Brakwater on the outskirts of the capital and provides access to the of day.

The Pepkor development is valued at around
N\$180 million.

Safland believes that main transport corridors through Namibia in all di-rections.

The Saffand Property Group recently broke ground for the development of the second-largest distribution centre to be built in Namibia in the last six years.

Safland director and trustee of the Frontier Property Trust, Kallie van der Merwe, said the Pepkor development is the 13th in the Safland group which already has a portfolio of around N83.3 billion and forms part of a pipeline of developments that will soon see the light

the developments could generate up to 10 000 jobs for Namibians in the Immediate future

The development is planned to be complete by the end of November this year.



#### Synergy Through Diversity

"br Weder, Kauta & Hoveka Inc brings together a unique synergy of professional expertise, experience and sall is, offering clients a comprehensive range of legal services founded an sound business practices and ethics and built around the client's needs and

Formad in September 2006, Dr Weder, Kauta & Haveks In: set precedence for transformation of its kind in Namibia whee it merged two of the country's most prominent law firms – Dr Weder, Knager & Hartmann (established 1949) and Kauta, Basson & Kamahanga Inc (established 2000).

By combining the unique strengths and rich bentages of these two legacy firms, Dr Wieder, Kauta & Hoveka Inc has been able to increase its capacity, not only in terms of its workforce, but also its various fields of expertise, experience and infrastructure.

The result is a large practice with a singular focus - to enable and deliver service excellence to its ever increasing and diverse client base".





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o the above meetings, Gergarab Explo



Gergarub Exploration and Mining (Pty) Ltd

### **APPENDIX B - STAKEHOLDER LETTERS**



+264 81 669 7608
info@eccenvironmental.com
www.eccenvironmental.com

ECC-99-425-LET-07-D 27 February 2023

Identified stakeholder and potentially interested or affected party for:

The proposed Gergarub Mine on ML 245 in the //Kharas Region, Namibia

Dear Sir or Madam,

RE: NOTIFICATION OF AN ENVIRONMENTAL ASSESSMENT OF THE PROPOSED GERGARUB MINE ON ML 245 IN THE //KHARAS REGION, NAMIBIA, AND AN INVITATION TO SCHEDULED PUBLIC CONSULTATION MEETINGS

Environmental Compliance Consultancy (ECC) has been engaged by Gergarub Exploration and Mining (Pty) Ltd, a subsidiary of Rosh Pinah Zinc Corporation (Pty) Ltd and Skorpion Zinc Company (Pty) Ltd the Proponent, as their environmental assessment practitioner. ECC is conducting an environmental and social impact assessment as a requirement for their application for an environmental clearance certificate in terms of the Environmental Management Act No. 7 of 2007. The assessment is for the proposed Gergarub Mine on ML 245 in the //Kharas Region, Namibiathe farm Spitskop 111, along the C13 road between Rosh Pinah and Aus within the Oranjemund Constituency. The project is located approximately 10km south-east of Skorpion Zinc Mine and 15km north-west of Rosh Pinah Mine.

The mining method for Gergarub will be long hole open stoping (LHOS) with backfill, mining stopes in an overhand (bottom-up) extraction sequence. LHOS will be supplemented with Drift and Fill (DAF) mining which will be used to mine the orebody extremities and maximize the overall recovery of the Mineral Resource with an ultimate capacity of producing 150 000 t combined metal in concentrate from a diversified mineral production facility. The Background

ENVIRONMENTAL COMPLIANCE CONSULTANCY CC PO BOX 91193 WINDHOEK, NAMIBIA MEMBERS: J L MOONEY & JS BEZUIDENHOUT REGISTRATION NUMBER: CC/2013/1404



Gergarub Exploration and Mining (Pty) Ltd



Information Document (BID) provides further project details and the scope of the assessment, which can be downloaded from the link is provided below:

https://eccenvironmental.com/download/the-proposed-gergarub-mining-projecton-ml-245-within-the-kharas-region-namibia/

This letter is intended to engage potentially interested and affected parties (IAPs) for the Project and provide a communication channel to ECC for the ESIA process. You have been identified as an interested or affected party and therefore ECC wishes to inform you of how you can be involved with the ESIA.

As part of the assessment, Environmental Compliance Consultancy (ECC) herewith cordially invite you as an identified stakeholder, interested or affected party to the public engagement meetings scheduled for the following dates:

### 1st Public meeting:

Date: 28 February 2023

Venue: Namibia Scientific Society,
 110 Robert Mugabe Avenue,

Windhoek

Time: 18:30 PM

### 2<sup>nd</sup> Public meeting:

Date: 2 March 2023

Venue: Rosh Pinah Community
 Hall, Kurper Street, Rosh Pinah

Time: 17:00 PM

Public participation is an important part of the ESIA process, as it allows the IAPs to obtain information about the proposed project and provide feedback. Communication with the IAPs occurs at various stages throughout the Project lifecycle. IAPs can interact with the ESIA process by:

 Registering as IAPs for the project via the ECC website as per the link provided below: <a href="https://eccenvironmental.com/download/the-proposed-gergarub-mining-project-on-ml-245-within-the-kharas-region-namibia/">https://eccenvironmental.com/download/the-proposed-gergarub-mining-project-on-ml-245-within-the-kharas-region-namibia/</a>

If you are unable to complete the registration form online, please contact us via email for assistance at <a href="mailto:info@eccenvironmental.com">info@eccenvironmental.com</a>, or alternatively call our office at: +264 81 669 7608.

ENVIRONMENTAL COMPLIANCE CONSULTANCY CC PO BOX 91193 WINDHOEK, NAMIBIA MEMBERS: J L MOONEY & JS BEZUIDENHOUT REGISTRATION NUMBER: CC/2013/11404



Gergarub Exploration and Mining (Pty) Ltd



ECC values community input and participation in our projects and we look forward to working with you as the project develops.

Yours sincerely,

Stephan Bezuidenhout

Environmental Compliance Consultancy 081 669 7608

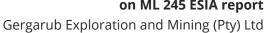
Email: stephan@eccenvironmental.com

Jessica Bezuidenhout (Mooney)

Environmental Compliance Consultancy 081 669 7608

Email: jessica@eccenvironmental.com

ENVIRONMENTAL COMPLIANCE CONSULTANCY CC PO BOX 91193 WINDHOEK, NAMIBIA MEMBERS: J L MOONEY & JS BEZUIDENHOUT REGISTRATION NUMBER: CC/2013/11404





### **APPENDIX C - SITE NOTICES**



GPS COORDINATES: LAT: S -27.9664 LONG: E 16.75875



GPS Coordinates: Lat: S 27.9664 Long: E 16.75875



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**APPENDIX D - BID** 



### **APPENDIX E - ATTENDACE REGISTERS**



+264 81 669 7608 info@eccenvironmental.com www.eccenvironmental.com

Meeting Attendance Register

Date: 02 03 2023

Meeting Subject: Gergarub Hinning Project ESIA - Public Meeting

Venue: Community Hall - Rash Pinah @ 17=00 (17:15)

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
1	P. SACON	SEMSKOP FARM	1950 MICHOSICE	0816464894	
	J. GROENEWAY	NAMZINC	geonxion@iway.na		25
	ANTON MOUMOR			0818677534	A CCOM
	Luicas Marungu	NAMZINC	gcom.	0814892258	# ncas
	Inta Anton	Namibian	_	08/8329553	there
_	Janas	Ester		0814929698	1=y.Jonas
	Benedict Philbrid	Namzinc	BPhilandeRevedantaresources		4
4	Theor Laving		skavima@trevali on		
	Firming Boots		berisjimmy 456@gmail.com	0815503998	Ari.
0	Lingando Defer	Community	- ,	OR17788580	198- 50





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Meeting Attendance Register

Date: 02/03/25

Meeting Subject: Gergarub Hinung Project ESIA - Public Meeting
Venue: Community Hall - Rosh Pinah (27:00 (17:15)

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
1	Fredrika Jaepa	Community	fredrika 11 jaepa agmail	0816586926	- 111
2	Paulus Nyanda		Pollenganda Cymail Con		Alata
	Secilia Shirding	Community	Seculia-envula legmail. com		95
	Lydia Mbarkya	Rosh Pinah Mine	elydiambaukua@gmail	COM 08164695	hathankuo
	Julier Yis	RP. Mine	juliety sono gmilia	081134430	ADV.
	Vanduka N	Okoppen Zine	for glipa dela avetand reson		CAL
	Vereniea R. Rietz	RiemancheIn	K. O	0818329764	IR Ried
	Hiakin: Karondon	Roshmanity		08/8302995	The same
0	Dontha Fredericks	Community		0×12115425	Redonale.
	Oven Puley	Skarpion Zinc		0817854890	July



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Meeting Attendance Register

Date:	SG	1031	123

Meeting Subject: gyr garb Mung Project Isa - Pute weeking

Venue: Commity Hall - Rosh Ping (1):15)

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
1	7 SASKAR MUKOLIA	COMMINITY	/	081-8802995	AA) / 2
2	SALATIEL J. TOTHY	20 /	Salafastin Dymen . Con	081-2847000	Ales III
3	SHWENI		out ndadara Dyahoo.com	0816356626	110
5	Ester Kontjivikus	Community Mem	dina katjirikua @gmail.com	0812105696	Desce!
6	Pelgrina Kapere			0814142278 Or	- tarere
7	Ockert Sulv S	Coleman Transport	osales@ideman-transport.com	0811267327	Tooled
8	Wihelm	Com	1 1 1	0812607745	7
9	NH Nelumba	MOSHSICOV lawy	THE TENED TO THE T		MISO
10	STEWART AFRIKANED		SAfrikaner @ vedentaresources co		W8
_	Peter-S./Cayundu	Rouds Authority	Kayandup pravory.no	08/6594480	
4	-Van SALL	N-F	_	08/409503/	The state of the s





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Meeting Attendance Register

Date: 02/03/ 73

Meeting Subject: gargards 1 cmg Project Esi2 - Pollie Meeting

Venue: amonty yall Roll Pinch (17:15

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
1	M. Avendus	RJP		0812608013	The of us
2	P. PLANTIES	R.P	Yaroky@gmail. zom	0812608013	Practies
3 _	D. Multered	RP	0 10	08/32/344	Malaka
4	Mathias Trameyer	RP.	Smorpetrus thigwording		Maurigo
5	SP Shigwedta	TTC	dynaîl. Con	08/3008480	ALD I
5	LEOWNED ANDREAD	BRANDLE ICC	(cover dandreas 78@gnai)	031 558 2279	MA P
	Johannes Thomas	RP	Heentipede@quaila	m. 0818038601	I have
	Thogothy Garoes	RNRT	loganmatich agmail co	NO81826636	
9	Denorisa Frederic		meluiniafrederick 04 @gm		Sall.
10	Beutz	RP	bee. n. chael 69 Egnallyon		180-

4/







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Meeting Attendance Register

Date: 02/03/ 73
Meeting Subject: gergan & Ning Priett 5-4 - Public Neek)

NAME ORGANISATION **EMAIL ADDRESS** CONTACT NUMBER SIGNATURE Silvova A.D. 02/6291353 NONE NOWE Snekoclemus 82 2 gmat com 08/8034372 5 Petnus MPAREKE NONE 0818417917 6 G21316488 AllA 08/21/4500 8 NIA 9 Buis Ormenus Comerius Kas anga a Con 0813968506 9 NIA 3813527196 10 NA 5902211

5)







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Meeting Attendance Register

Date: 02/-3/2)			
Meeting Subject: 92/90	int Mung Project	- P- 52 3	uechir y
Venue: Committee	Hall . Roy Princh	(17:15)	18.65
		(3)	18.4

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
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Meeting Attendance Register

Date: 28 - 02 - 23

Meeting Subject: Gergarub Mine ESIA - WHK Public Heeting
Venue: Nambian Scientific Society

	NAME	ORGANISATION	EMAIL ADDRESS	CONTACT NUMBER	SIGNATURE
1	Shara Kavila	Rosh Pingh-Zirching	Skaving @ traalicon	0211290627	19 C
2	A. O Ozuako				- Columba
3	G. MADEC	ECC	querdalpeccercisonmental.co		gr.
4	S. Shinyeus ba	FCC	samuel eccenvironmental. was		Sta
5	M. Jarnett	ECC	monique (a eccenvironmental com	0813811474	Amot
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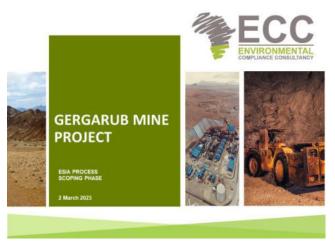








### **APPENDIX G - PUBLIC MEETING PRESENTATION**



### Welcome





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### **AGENDA**



- Background Information
- Gergarub Presentation Presented by Sheron Kaviua (Trevall/RPZC)
- · Public Participation
- Baseline Studies
- Environmental & Social Impact Assessment (ESIA) Presented by ECC
- · Questions and Answers

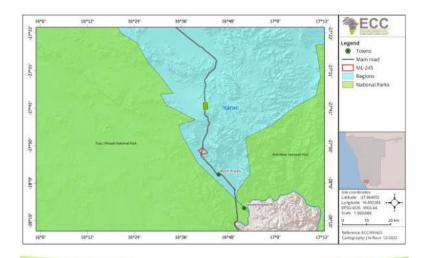
### **Main Objectives**

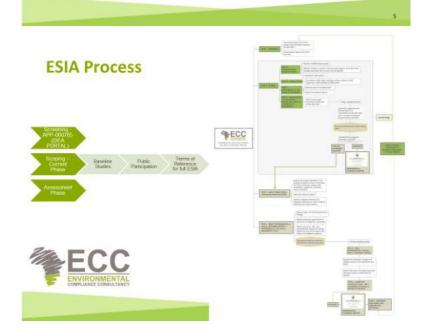


- Provide information describing the planned Gergarub Mine Project and associated activities;
- Provide an independent environmental and social impact assessment of the activities associated with the proposed mining project; and
- Describe management and mitigation measures associated with any identified potential impacts where necessary.

3







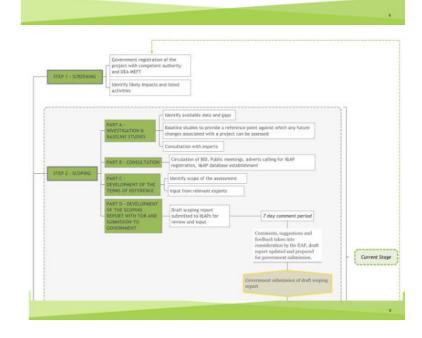
19 JULY 2023

### **ESIA Process**



Screening – APP-000785 (DEA PORTAL)







Gergarub Exploration and Mining (Pty) Ltd





### Gergarub Project

**Public Consultation** 

2023



All information in this presonation is indicative and based on analysis conducted to date, which has been carried out at a



### Overview of the Gergarub Project

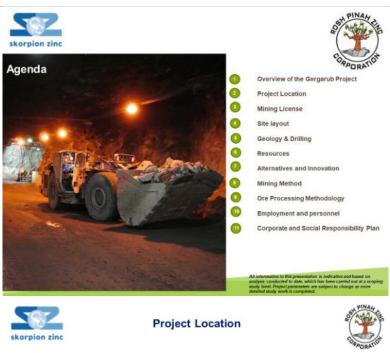
19 JULY 2023

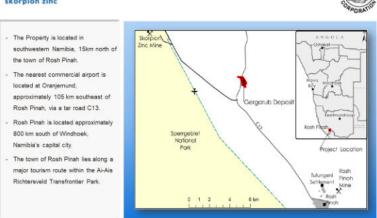


- The Gergarub deposit was discovered in 2008 and is now jointly owned by SZM and RPZC.
- Shareholding: RPZC 49%; Skorpion
- Deposit Type: volcanogenic-hosted massive sulphides (Proximal), with Zinc & Lead as major ore elements, silver and gold as the by-products.
- Orebody is lensic and truncated by mafic intrusives.
- A bankable feasibility study was completed for Gergarub in 2014 which found that the project could not be economically extracted, recent scoping studies by AMC & ABGM were completed in 2022.
- In 2017 a Mineral Deposit Retention License (MDRL) was issued.



All information in this presentation is indicative and based on analysis conducted to date, which has been carried out at a scoping mody feet. Project parameters are soldied to change as more designed much work is consistent.



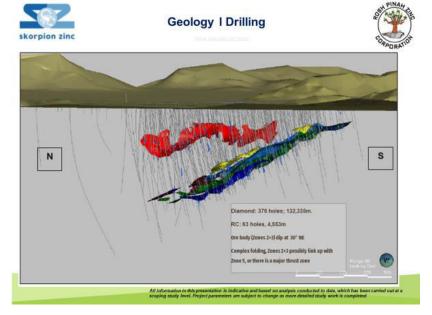


All information in this presentation is indicative and based on analysis conducted to date, which has been carried out at a scoping study level. Project parameters are subject to change as more desided study work in completed.

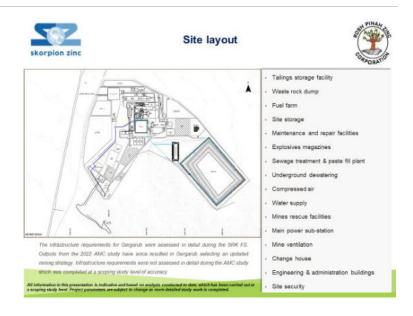


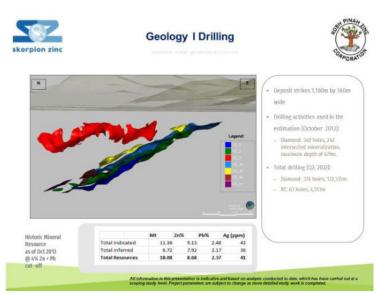
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- · Laminated sphalerite-galena with minor chalcopyrite
- · Pyrrhotite, pyrite, calcite, tremolite, quartz gaogue
- Host rocks carbonaceous argillites in otherwise monotenous arenaceous turbidite succession with mafic intrusives (biotiteamphibote schist)









#### Alternatives & Innovation



ONDUCTED. PURPIED STUDY WORK AND ADDITIONAL ANALYSIS IN REGU MA AND ON REFINE THE RECOMMENDED CASE.

#### Findings

#### AMC STAGE 1

- Both the geological and Mineral Resource estimation report supporting the Geograph F5 2014 and Geograph 2013 Mineral Resource estimate are lacking substantial detail and are insufficient to support the public declaration of a Mineral Resource estimation.
- A new tailings storage facility (TSF) is required at Gergarub.
- The open pit with lateral mining and underground longhole open stoping without backfill options were not recommended for further study.

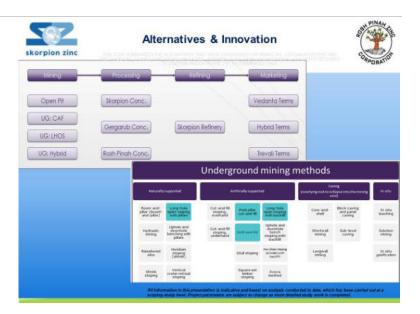
#### AMC STAGE 2

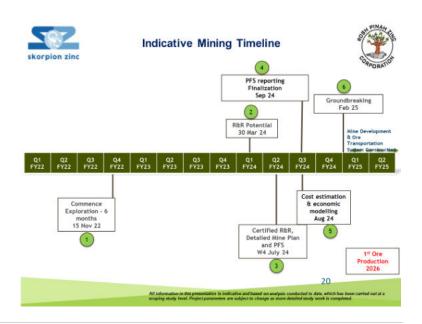
- The case selected to advance operations at Gergarub is Case 4b – LHOS + DAF @ 1.00 Mtpa, producing zinc concentrate.
- AMC observes the peak value occurs at an NSR cut-off of US\$100/t.
- . The production rate is 1 Mtpa.
- Operating LOM is 11 years.
- Results pointed to earlier production of 2026

#### ABGN

- The study indicates that it is technically feasible to achieve the design mandate of 150 ktpa of metal in concentrate by a combination of open pit and underground mining.
- To sustain such production over LOM exceeding 10 years will require significant additional Mineral Resources, which in turn requires an intense exploration programme.
- The economic analysis of the 150,000 t MIC design indicates that this configuration will be financially vulnerable in most foreseeable scenarios.
- Operating LOM is 13 years

All information in this presentation is indicative and based on analysis conducted to date, which has been carried out at a scoping study level. Project parameters are subject to change as more detailed study work is completed.



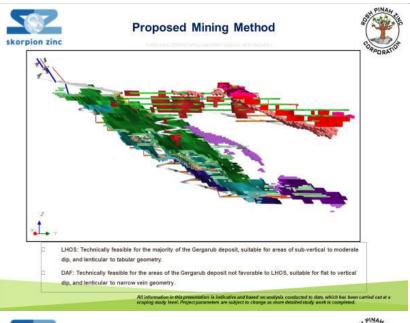




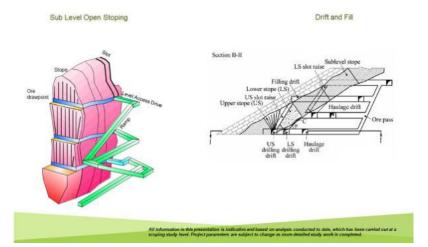


skorpion zinc

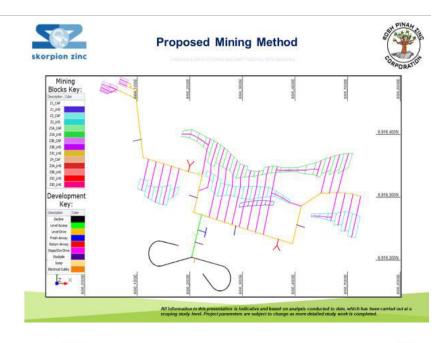
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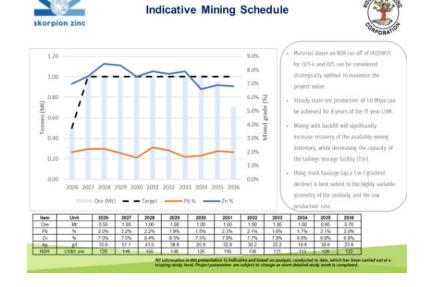






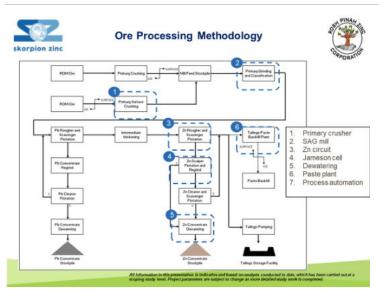
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#### **Employment and personnel**



The estimated total staff requirement including the absentee allowance for Gergarub is shown in the Table below, peaking at 594 total personnel. .

#### Annual Gergarub personnel requirements

Item	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Mining personnel	296	344	344	360	360	344	360	360	376	344	255
Process personnel	172	172	172	172	172	172	172	172	172	133	133
G&A personnel	46	46	46	46	46	46	46	46	46	36	32
Total	514	562	562	578	578	562	578	578	594	513	420

All information in this presentation is indicative and based on analysis conducted to data, which has been carried out at a



### **Proposed Ore Processing Methodology**



 The construction and commissioning of a 1.0 Mtpa concentrator at Gergarub is proposed to process the mined ore.

#### Key aspects of the proposed concentrator include:

- The expected metallurgical performance projections for the concentrator is an approximate average recovery of 91.1% for zinc, 74.1% for lead, and 51.6% for silver.
- The average zinc concentrate expected is 51.2% and lead concentrate grade at 58.2%.
- The milling circuit consisting of a SAG mill operating at throughput of 132.5 tph is proposed. The proposed SAG mill will be a 6.1 m x 2.36 m EGL with 1.8MW motor and open grate discharge operating in closed circuit with primary and secondary cyclones to produce a combined feed slurry at a P80 particle size of 90µm to the floatation circuit.
- The proposed lead flotation circuit is of conventional design inclusive of a rougher, scavenger, and a cleaner flotation circuit with regirnd. The circuit will have an effective capacity of 0.75 m3/th and a required flotation volume of approximately 99 m3.
- The proposed zinc flotation circuit will have a capacity of 2.6 m3/t/h and a required flotation volume of approximately 343 m3. This will generate an overall residence time of the order of 60 minutes for flotation.

All information in this presentation is indicative and based on analysis conducted to date, which has been carried out at a



#### Corporate and Social Responsibility Plan







All information in this presentation is indicative and based on analysis conducted to date, which has been carried out at a



Gergarub Exploration and Mining (Pty) Ltd



### Corporate and Social Responsibility Plan





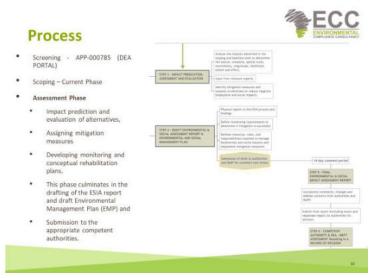
### **Public Participation**



ASPECT	DATE
Notification of the project – newspapers & site notice boards.	Adverts: 21/02/2023 and 28/02/2023 Site Notice: 2 March 2023
The Background Information Document (BID) provided I&APs with the opportunity to take part in the public participation process.	13/01/2023.

- Copies have been made available to the interested and affected parties to assist them with providing informed inputs.
- This presentation extracts information from the BID to describe the project to those attending the meeting.







### Potential Impacts to be assessed



Potential impacts that can arise from the proposed project include but are not limited to:

- · Air Quality
- · Blasting & vibration impacts
- Noise impacts
- · Visual impacts
- · Water resource impacts
- · Impact on archaeological and cultural features
- · Biodiversity impacts
- Traffic
- · Occupational Health and Safety
- · Socio-economic impacts



### **ESIA & ESMP**

 All specialist input will be considered and the recommended mitigations will be incorporated into the Environmental & Social Management Plan (ESMP).

### Verification and potential updates of existing baseline studies



BASELINE STUDIES	SPECIALIST			
Detailed groundwater and surface water	Umvoto			
A noise baseline study will be commissioned in Q1 of 2023	Airshed			
An air quality baseline study will be commissioned in Q1 of 2023	Airshed			
An updated high level socio-economic baseline study will be conducted	ECC			
Traffic study	ITS			
Visual baseline study	ECC			
Blasting and Vibration study	Blast Management			



### Questions / Discussion ?



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