



TIME SCHEDULE

PHASE	CONSTRUCTION AND IMPLEMENTATION	TIME
One	4 x 16ft pan plants with 3x6m scrubber and screening units. Sorting plant.	To be determined (Approximately 3 to 6Months.)
One	The excavation of trenches and pits	For the duration of the mining right (15 Years)
One	Full production	For the duration of the mining right (15 Years)

MINING METHODS

1.	MINING METHODS	<p>As the mining area has been determined by prospecting. The applicant will thus proceed with mining activities and the excavation of trenches. Trenches will be excavated by excavators. The topsoil will be removed and stored separately. The gravel will be removed and transported next to the processing plant. Here it will be stored and transported by a front-end loader into the processing plant. The gravel will be washed by using a 16ft Pan processing plant. The waste will be washed back into the excavations. The possible diamond bearing gravel will be mortised into bins, where after the gravel will sorted by a sortex to separate the gravel to find the diamonds.</p>
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		2 x Hitachi 45 Excavators 3 x Daewoo Mega 300 Front-End Loaders 2 x Volvo A 25C Dumpers 4 x 16ft Processing Plants 3 x Scrubber and Screening Units 2 x Powerplants (100kva) 1 x Bulldozer
2.	TECHNOLOGY TO BE USED	
3.	ANNUAL FORECASTED PRODUCTION RATES	629 200 tons
4.	MINING CONDUCTED BY	In-house (not contracted out)

THE MPRDA EIA PROCESS

Environmental Report to be compiled for Application of Mining Right – Regulation 48

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 - **A Scoping Report**
 - Contemplated in Regulation 29
 - **followed by an Environmental Impact Assessment Report**
 - Contemplated in Regulation 50



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SCOPING PROCESS

- The Scoping Report must identify:
 - Issues that will be relevant for consideration of the application;
 - The potential environmental impacts of the proposed activity; and
 - Alternatives to the proposed activity that are feasible and reasonable.

CONTENTS OF SCOPING REPORT

- A scoping report, must –
 - Describe
 - The methodology applied to conduct scoping;
 - The existing status of the environment prior to the mining operation;
 - Identify and describe
 - The anticipated environmental, social and cultural impact, including the cumulative effects, where applicable;
 - Reasonable land use or development and alternative means of carrying out the proposed operation and the consequences of not proceeding with the proposed operation;
 - Describe
 - The most appropriate procedure to plan and develop the proposed mining operation;
 - The process of engagement of identified interested and affected persons, including their views and concerns; and
 - The nature and extent of further investigations required in the environmental impact assessment report.

CONTENTS OF SCOPING REPORT

- The scoping report must be submitted to the office of the Regional manager where the application was lodged.
- The Regional Manager
 - Must evaluate the scoping report and request the relevant Government departments and organs of State, as the case may be, to submit written comments on the scoping report within 30 days from the date of the request.
 - May request the applicant to forward specific and additional information or to conduct further investigations regarding the scoping report submitted in terms of sub regulation (2).
 - Must collate and forward all comments contemplated in sub regulation (3) to the applicant who must address and incorporate such comments in the environmental impact assessment report and environmental management programme.

CONTENTS OF ENVIRONMENTAL IMPACT REPORT

- The contents of an environmental impact assessment report must include the following:
- An assessment of
 - The environment likely to be affected
 - By the proposed mining operation, including cumulative environmental impacts;
 - By the identified alternative land use or developments, including cumulative environmental impacts;
 - The nature, extent, duration, probability and significance of the identified potential environmental, social and cultural impacts of the proposed mining operation, including the cumulative environmental impacts;
- A comparative assessment of the identified land use and development alternatives and their potential environmental, social and cultural impacts;
- Determine the appropriate mitigation measures for each significant impact of the proposed mining operation;

CONTENTS OF ENVIRONMENTAL IMPACT REPORT

- Details of the engagement process of interested and affected persons followed during the course of the assessment and
 - an indication of how the issues raised by interested and affected persons have been addressed;
- Identify knowledge gaps and report on the adequacy of predictive methods, underlying assumptions and uncertainties encountered in compiling the required information
- description of the arrangements for monitoring and management of environmental impacts; and
- Inclusion of technical and supporting information as appendices, if any

ENVIRONMENTAL MANAGEMENT PROGRAMME

- The applicant must compile the environmental management programme based on the environmental impact assessment report (Regulation 49(6))
- An environmental management programme contemplated in section 39(1) of the Act must include the following:
 - A description of the Environmental objectives and specific goals for
 - Mine closure;
 - The management of identifies environmental impacts emanating from the proposed mining operation;
 - The socio-economic conditions as identified in the Social and Labour Plan; and
 - Historical and cultural aspects, if applicable.

ENVIRONMENTAL MANAGEMENT PROGRAMME

- An outline of the implementation programme which must include -
 - A description of the appropriate technical and management options chosen for each environmental impact, socio-economic condition and historical and cultural aspects for each phase of the mining operations;
 - Action plans to achieve the objectives and specific goals contemplated in paragraph (a) which must include
 - A time schedule of actions to be undertaken to implement migratory measures for the prevention, management and remediation of each environmental impact, socio-economic condition and historical and cultural aspects for each phase of the mining operations;
 - Procedures for environmental related emergencies and remediation,
 - Planned monitoring and environmental management programme performance assessment

ENVIRONMENTAL MANAGEMENT PROGRAMME

- Financial provision in relation to the execution of the environmental management programme which must include-
- The determination of the quantum of the financial provision contemplated in regulation 54; and
- Details of the method providing for financial provision contemplated in regulation 53;
- An environmental awareness plan contemplated in section 39(3)(c) of the Act;
- All supporting information and specialist reports that must be attached as appendices to the environmental management programme; and
- An undertaking by the applicant to comply with the provisions of the Act and regulations thereto.

FINANCIAL PROVISION FOR DAMAGE

- An applicant for a mining right must, before the Minister approves the EM plan or EM programme in terms of Section 39(4).
 - Make the prescribed financial provision for the rehabilitation or management of negative environmental impacts.
- If the holder of a mining right or mining permit fails to rehabilitate or manage, or is unable to undertake such rehabilitation or to manage any negative impact on the environment,
 - The Minister may, upon written notice to such holder, use all or part of the financial provision contemplated in subsection (1) to rehabilitate or manage the negative environmental impact in question

FINANCIAL PROVISION FOR DAMAGE

- The holder of a prospecting right, mining right or mining permit must
 - Annually assess his or her environmental liability and increase his or her financial provision to the satisfaction of the Minister.
- If the Minister is not satisfied with the assessment and financial provision contemplated in this section,
 - The Minister may appoint an independent assessor to conduct the assessment and determine the financial provision.
- The requirement to maintain and retain the financial provision remains in force until the Minister issues a closure certificate in terms of section 43 to such holder,
 - But the Minister may retain such portion of the financial provision as may be required to rehabilitate the closed mining or prospecting operation in respect of latent or residual environmental impacts.

PUBLIC PARTICIPATION PROCESS

Aim of Stakeholder Engagement Process

INFORM STAKEHOLDERS OF THE PROPOSED DEVELOPMENT
IDENTIFY ISSUES, COMMENTS AND CONCERNS RAISED BY STAKEHOLDERS
PROMOTE TRANSPARENCY AND AN UNDERSTANDING OF THE PROJECT AND ITS CONSEQUENCES
STRUCTURE FOR LIAISON AND COMMUNICATION WITH STAKEHOLDERS
ASSIST IN IDENTIFYING POTENTIAL ENVIRONMENTAL IMPACTS

BACKGROUND INFORMATION DOCUMENT
ADVERTS
GROUP MEETINGS
TELEPHONIC CONVERSATIONS
COMMENT AND REGISTRATION SHEETS
PERSONAL CORRESPONDENCE
PUBLIC MEETING

ADDITIONAL ISSUES FROM THE MEETING

QUESTIONS

QUESTIONS

1. Name the communities as defined in the guideline, or explain why no such community was identified.
2. State whether or not the Community is also the landowner.
3. State specifically whether or not a land claim is involved.
4. Name the Traditional Authority identified by the applicant.
5. Explain whether or not other persons (including on adjacent and non-adjacent properties) socio-economic conditions will be directly affected by the proposed prospecting or mining operation and if not, explain why not.

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QUESTIONS

6. Confirm that the identified and consulted interested and affected parties agree on the description of the existing status of the environment.
7. Describe the existing status of any heritage environment that may be affected.
8. Describe the existing status of any infrastructure that may be affected.
9. Provide any relevant additional information.
10. Specifically confirm that the community and identified interested and affected parties have been consulted and that they agree that the potential impacts identified include those identified by them.

QUESTIONS

11. Provide a list and description of potential impacts identified on the socio-economic conditions of any person on the property and on any adjacent or non adjacent properties who may be affected by the proposed prospecting or mining operation.
12. Provide a list of and describe any land developments identified by the community or interested and affected parties that are in progress and which may be affected by the proposed mining operation.
13. Provide a list and describe any proposals made in the consultation process to adjust the operational plans of the mine to accommodate the needs of the community, landowners and interested and affected parties.

*P
Rejects*

QUESTIONS

14. Provide information on its response to the findings of the consultation process and the possible options to adjust the mining project proposal to avoid potential impacts identified in the consultation process.
15. Provide a list of their views in regard to the existing cultural, socio-economic or biophysical environment, as the case may be.
16. Provide a list of their views raised on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed prospecting or mining operation.
17. Provide a list of any other concerns raised by the aforesaid parties.

THE ROAD AHEAD

Nam	Van	Verteenwoordig	E-pos, telnr & posadres
1. HENRIE	KOTZEE	WILNEX 189CC	hcnur@wilnex 189cc
2. Anas Jacob	Van Aardes	GRA Moleko Family	gurf@telkom5c.net 052-5510089/0355

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Reg. Nr BK 2004/077075/23

Posbus 1086
SCHWEIZER-RENEKE
2780

Tel: (053) 963 1081
Faks : (053) 963 1081
e-pos: hennie@milnex-sa.co.za

Bothastraat 4
SCHWEIZER-RENEKE
2780

Verwysing / Reference:

Ons/Our: Hennie Kotzee / Doreen Steyn

U/Yours:

**MINUTES OF THE FIRST PUBLIC MEETING HELD WITH REGARD TO THE APPLICATION FOR A MINING
RIGHT FOR COPPERSUN TWELVE (PTY) LTD HELD ON 26 JULY 2011 AT WARRENTON**

1. OPENING AND WELCOMING

HK welcomes everyone present at the meeting.

2. ATTENDANCE REGISTER

Hennie Kotzee (HK) from Milnex Consulting acts as the Facilitator on behalf of Coppersun Twelve (Pty) Ltd and Amos Jacob Davids from the Moleko's Farm Communal Property Association.

3. MATTERS FOR DISCUSSION

The presentation attached in Annexure "A" is discussed.

3.1 CLOSURE

Mr Amos Jacob Davids said that he will answer in writing the questions asked in the presentation and he will also raise the concerns of the community. He will give us feedback in five days. The meeting is adjourned.

CHAIRPERSON

DATE

COPPERSUN TWELVE (PTY)

LTD:

**MINING RIGHT APPLICATION –
PUBLIC MEETING**

26 JULY 2011

PROGRAMME

- Introduction
- Meeting order and ground rules
- Introduction to the consultant team
- Introduction to the proposed project
 - Mine Work Programme
- EIA process
 - MPRDA
 - NEMA
- Public participation process
- Questions
- Additional issues from the meeting
- The road ahead

INTRODUCTION

MEETING ORDER & GROUND RULES

Manner in which meeting will be conducted:

- Address meeting through the facilitator.
- Complete form indicating your name, contact details and issue(s) to be raised.
- When speaking, identify yourself (name and/or organisation) and state your question and interest in the matter.
- Everybody gets one (depending on the attendance numbers) opportunity to speak, so as to give everybody an opportunity.

**INTRODUCTION
TO:
THE CONSULTING
TEAM**

PROJECT TEAM

Japie van Zyl	Mining Right Application	Japie van Zyl Attorneys
Japie Loubser	Environmental Assessment Practitioner	Milnex 189 CC
Hennie Kotzee	Facilitator	Milnex 189 CC
Lloyd Rossouw	Phase 1 Archaeological Impact Assessment	National Museum, Bloemfontein
AC Koekemoer	Fauna And Flora Study	Wolmaransstad
Kobus Troskie	Water Uses	GCS, Johannesburg

INTRODUCTION TO THE PROPOSED PROJECT

THE PROJECT

- Coppersun Twelve (Pty) Ltd has been prospecting for alluvial diamonds since a prospecting license was first applied for in 2006 (31 January 2007 issued).
 - An application for renewal of the prospecting right has been submitted in 2008.
- An application for a mining right was submitted to the Department of Mineral Resources (DMR) on 26 May 2011 as the diamond reserves have been proven through the prospecting activities.

THE PROJECT

- The Mine will be an open cast mine.
- The Mine will be established within the mining area as central as possible to the identified resource.
- Total size of the property is 3 096.9605 hectares.

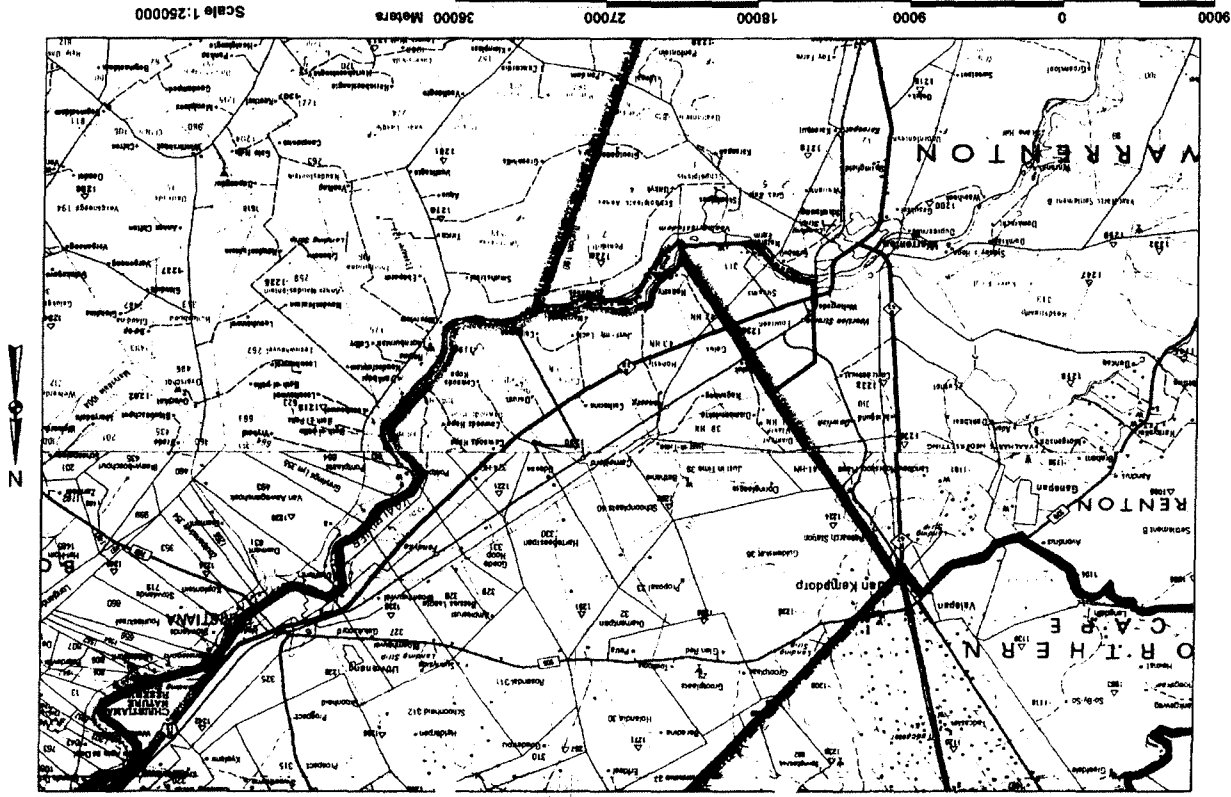


Figure 1: 1:250 000 Locality Map indicating location of mining site

Figure 2: Infrastructure Map

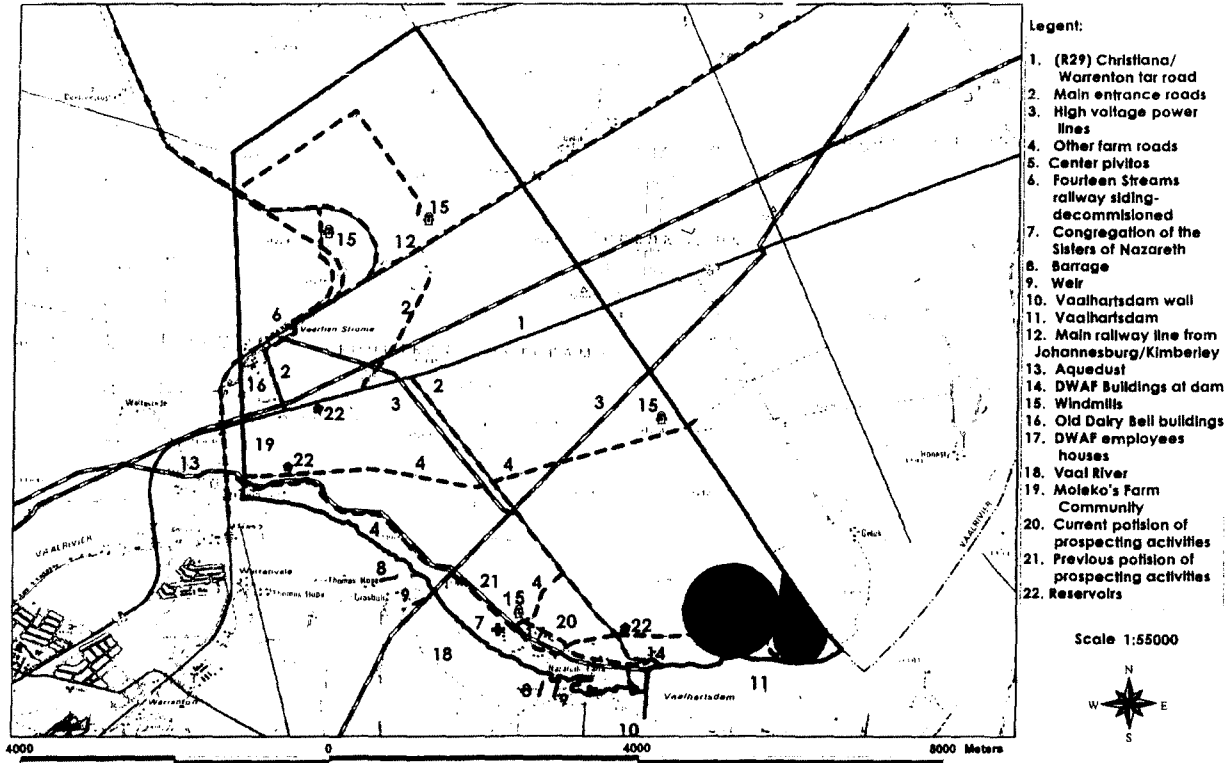
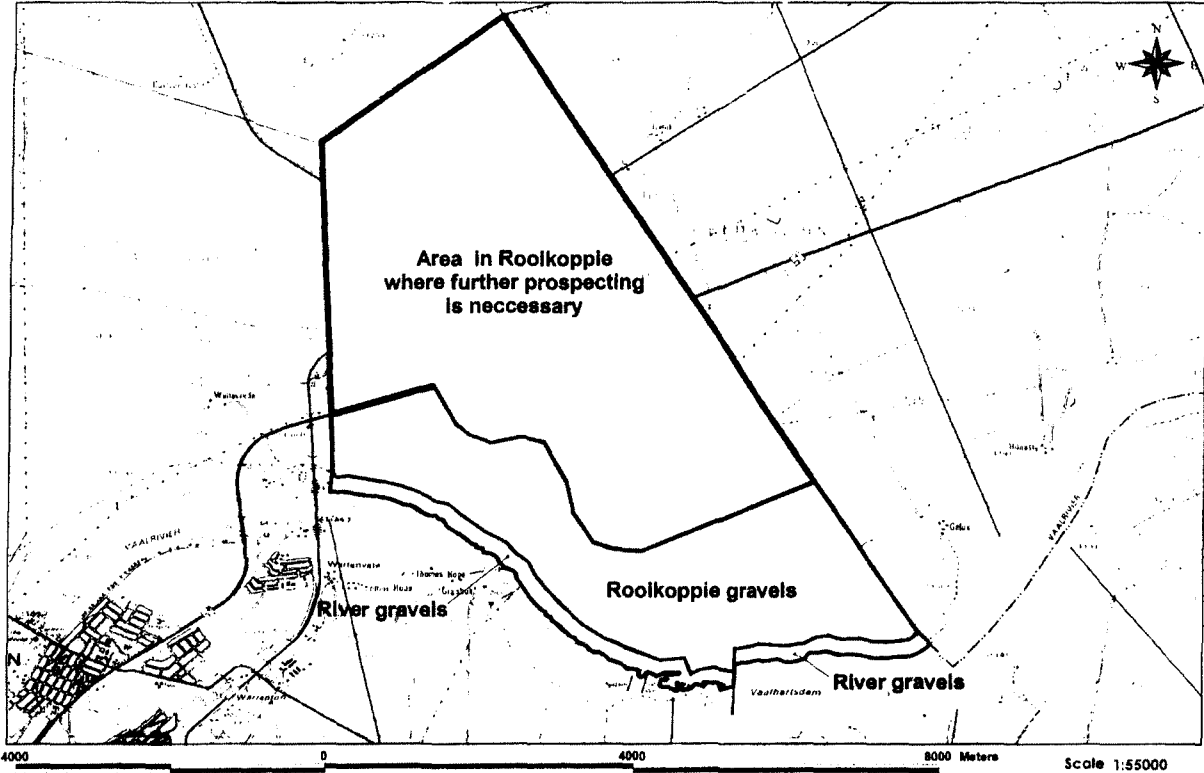


Figure 3: Mining Plan



MINING WORK PROGRAMME

GENERAL

1.	PRODUCT CONSUMERS	Jewellers and industrial
2.	LOCAL, REGIONAL OR INTERNATIONAL MARKET	Local, regional and International
3.	ANNUAL CONSUMPTION	629 200 tons
4.	QUALITY SPECIFICATIONS	Depending on the grades. Diamonds constitutes discrete units of varying size, weight and grade. It is not possible to do a accurate grade measurement. Individual diamonds are not evenly distributed throughout deposits and are it very difficult to make a grade estimate.
5.	USES	Jewellery

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