



## **mineral resources**

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Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

**NAME OF APPLICANT: WESTINRYK DELWERY CC**

**REFERENCE NUMBER: (NC) 30/5/1/3/2/10404 MP**

## **ENVIRONMENTAL MANAGEMENT PLAN**

**SUBMITTED**

**IN TERMS OF SECTION 39 AND OF REGULATION 52 OF THE MINERAL  
AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002,  
(ACT NO. 28 OF 2002) (THE ACT)**

## STANDARD DIRECTIVE

Applicants for Mining rights or mining permits, are herewith, in terms of the provisions of Section 29 (a) and in terms of section 39 (5) of the Mineral and Petroleum Resources Development Act, directed to submit an Environmental Management Plan strictly in accordance with the subject headings herein, and to compile the content according to all the sub items to the said subject headings referred to in the guideline published on the Departments website, within 60 days of notification by the Regional Manager of the acceptance of such application. This document comprises the standard format provided by the Department in terms of Regulation 52 (2), and the standard environmental management plan which was in use prior to the year 2011, will no longer be accepted.

**IDENTIFICATION OF THE APPLICATION IN RESPECT OF WHICH THE ENVIRONMENTAL MANAGEMENT PLAN IS SUBMITTED.**

| <b>ITEM</b>    | <b>COMPANY CONTACT DETAILS</b>     |
|----------------|------------------------------------|
|                |                                    |
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| <b>ITEM</b>    | <b>CONSULTANT CONTACT DETAILS (if applicable)</b>  |
|----------------|--|
|                |  |
| Name           | <b><u>Wadala Mining and Consulting Pty Ltd</u></b> |
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# 1 REGULATION 52 (2): Description of the environment likely to be affected by the proposed Mining or mining operation

## 1.1 The environment on site relative to the environment in the surrounding area.

**Air Quality:** Current sources of impacts on air quality are the dust from the unpaved gravel road. mining activities such as excavating and gravel roads from where the tar road end to the mining site will add impact on the environment.

The general air quality on the area is expected to be good.

**Fauna:** Fauna species are expected to be present within the vicinity and around the adjacent farms. Mammalian species, mobile bat species, small carnivores, small rodents and Insectivores species should be expected to be found during prospecting. The following animal species can occur on the area : Aardvark (*Orycteropus afer*), Black-backed-jackal (*Canis mesomelas*), Cape Hare (*Lepus capensis*), Caracal (*Felis Caracal*), Chacma baboon (*Papio ursinus*), Common duiker (Grey duiker) (*Sylvicapra grimmia*), Kudu (*Tragelaphus strepsiceros*), Rock dassie (*Procavia capensis*), Scrub hare (*Lepus saxatilis*), Steenbok (*Raphicerus campestris*), Suricate (*Suricata suricatta*), Vervet monkey (*Cercopithecus aethiops*), Aardwolf (*Proteles cristatus*), Slender Mongoose (*Galerella sanguinea*), Grey Mongoose (*Galerella pulverulenta*), Ground Squirrel (*Xerus inauris*), Small-spotted Genet (*Genetta genetta*), Porcupine (*Hystrix africaeaustralis*), Turtiose (*Testudinidae Geochelon e*). The prospectors should be watchful of the Mygalomorph spiders, scorpions, certain butterfly (*Lepidoptera*) and dragonfly and damselfly (*Odonata*) species as they regarded as conservational concern.

**Flora:** The study area is situated in the Orange River Nama Karoo vegetation type (Type 51), which is located in the Nama Karoo Biome of Southern Africa (Hoffman 1996).

According to Hoffman (1996), the natural vegetation found on the pediments occurring in this vegetation type is commonly dominated by Spike-flowered Black Thorn (*Acacia Mellifera*), Threethorn (*Rhigozum trichotomum*), Shepherd's Tree (*Boscia albitrunca*) and Stink Shepherd's Tree (*B. foetida*),

Silky Bushman Grass (*Stipagrostis uniplumis*) often dominates the plains located in this vegetation type in the summer months after the rains.

### Natural Vegetation

Trees : Spike-flowered Black Thorn (*Acacia mellifera*), Shepherd's Tree (*Boscia albitrunca*).

Shrubs : Buffalo Thorn (*Ziziphus mucronata*), Namaqua kuni-bush (*Rhus undulate*), Short-thorn pomegranate (*Rhigozum brevispinosum*) and Threethorn (*Rhigozum trichotomum*).

Grasses: Eight Day Grass (*Enneapogon desvauxii*), Foxtail Buffalo Grass (*Cenchrus ciliaris*), Lehmann's Love Grass (*Eragrostis lehmanniana*), Spreading Three-awn (*Aristida congesta* subsp. *Barbicollis*), Tassel Three-awn (*Aristida congesta* subsp. *Congesta*) and Thimble Grass (*Fingerhuthia Africana*).

**Surface Water:** The Orange are about 500m within the vicinity of the proposed mining area including the surrounding areas. It is unlikely that the mining operation will negatively affect the surface water.



Figure 1 : Topography of the area with surface water indicated.

**Noise:** The current sources of noise are from the traffic on the gravel road towards Niekerkshoop but which is 10 km away from the proposed prospecting site.

**Soil:** The area has been irrigated and is engaged by livestock grazing land, as a result has a low agricultural potential for cropping production. The area will be influenced by the proposed Mining operation. The invasive Mining activities referring to the excavations will also have a negative impact on the soil as all soil horizons will be destroyed but with concurrent rehabilitation and backfilling the impact will be temporary. If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company.

**Geology:** The study area is found within the known cretaceous diamondiferous kimberlites and alluvial diamond field. Following the Gondwana break-down erosion occurred over a period of more than 100 million years in temperate and wet climatic conditions, resulting in significant thickness of the upper Karoo rocks.

The alluvium paleotopography penetrate the Dwyka Group, Fairfied and Ulco group towards the South and Northeasterly direction.

**Heritage:** The surface owner confirmed that the area has no demarcated formal graves there are no other possible grave sites neither historical sites. The mining operation will not have any impact on heritage sites.

## **1.2 The specific environmental features on the site applied for which may require protection, remediation, management or avoidance.**

There are no known environmental features that require protection, remediation or avoidance in the area under application.

The following potential impacts will have to be managed / mitigated throughout the mining operation:

- Air quality

To limit the creation of nuisance dust the following management guidelines will be followed:

- Avoidance of unnecessary removal of vegetation;
- Routine spraying of unpaved site areas and roads with water;
- Re-vegetation of rehabilitated areas not occupied by plant infrastructure to take place as soon as possible.

- Noise

As a minimum, ambient noise levels emanating from the mine will not exceed 82 dBA at the site boundary.

Westinryk will comply with the occupational noise regulations of the Occupational Health and safety Act, Act 85 of 1993.

Westinryk will comply with the measures for good practice with regard to management of noise related impacts during construction and operation. The management objective will be to reduce any level of noise, shock and lighting that may have an effect on persons or animals, both inside the plant and that which may migrate outside the plant area.

When the equivalent noise exposure, as defined in the South African Bureau of Standards Code of Practice for the Measurement and Assessment of Occupational Noise for Hearing Conservation Purposes, SABS 083 as amended, in any place at or in any mine or works where persons may travel or work, exceeds 82 dB (A), the site manager will take the necessary steps to reduce the noise below this level.

Hearing protection will be available for all employees where attenuation cannot be implemented.

If any complaints are received from the public or state department regarding noise levels the levels will be monitored at prescribed monitoring points.

Mechanical equipment:

All mechanical equipment will be in good working order and vehicles will adhere to the relevant noise requirements of the Road Traffic Act.

All vehicles in operation will be equipped with a silencer on their exhaust system.

Safety measures, which generate noise such as reverse gear alarms on large vehicles, will be appropriately calibrated / adjusted.

#### Screening/Migration control:

Appropriate measures will specifically be installed and or employed at the plant to act as screen and to reflect/reduce the noise.

Appropriate non-metallic washers/insulation will be used with any joining apparatus to join screens such as corrugated iron to other structures and to each other. Such screens will be maintained in a fixed position.

- Flora
  - If any endangered species are found on the mine they will be relocated. If this is not possible potential changes in the habitat of endangered species will be monitored.
  - The above programme will also focus on species that depend on specific host plants or on specific symbiotic relationships, with specific reference to possible impacts on such related to emissions from the mine.
  - If monitoring shows that endangered species are being negatively affected to the degree that they are at risk of die-off, measures will be put in place to safeguard their continued existence.
  - Any area that is rehabilitated or decommissioned will be seeded if necessary with a seed mixture reflecting the natural vegetation as is currently found. If this is not found to be feasible during rehabilitation a general seed mixture of the area will be used.
  - Management will also take responsibility to control declared invader or exotic species on the mine. The following control methods will be used:
    - "The plants will be uprooted, felled or cut off and can be destroyed completely."
    - "The plants will be treated with an herbicide that is registered for use in connection therewith and in accordance with the directions for the use of such an herbicide."
  - The end objective of the re-vegetation program will be to achieve a stable self-sustaining habitat unit.



- Vegetation on flat surfaces will be established using the dry lands technique requiring no irrigation.
  - Valid permits from Northern Cape Nature Conservation or Forestry Department will be obtained before any protected plant species are removed.
  - Fires will only be allowed in facilities or equipment specially constructed for this purpose. If required by applicable legislation, a firebreak will be cleared around the perimeter of the mine.
  - Any form of poaching by workers of the mine will result in the maximum form of punishment as allowed for by common law. Any form of snares or traps on the site will be removed.
  - If any endangered species are encountered the Department of Nature Conservation will be contacted.
- Soil

The invasive Mining activities referring to the pits and trenches will also have a negative impact on the soil as all soil horizons will be destroyed but with concurrent rehabilitation and backfilling the impact will be temporary. If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company.

### **1.3 Map showing the spatial locality of all environmental, cultural/heritage and current land use features identified on site.**



*Figure 4 - Environmental features on surrounding area*

There are no environmental, cultural/heritage and current land use features inside the application areas which are known.

**1.4 Confirmation that the description of the environment has been compiled with the participation of the community, the landowner and interested and affected parties,**

The existing environment was discussed with the surface owner. Attached hereto find the notices that was completed by the surface owner and neighbours attached as Annexure 'A'.

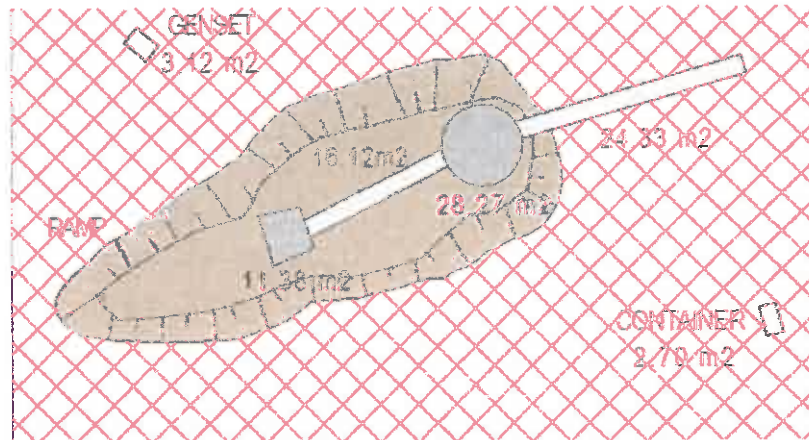
**2 REGULATION 52 (2) (b): Assessment of the potential impacts of the proposed Mining or mining operation on the environment, socio-economic conditions and cultural heritage.**

**2.1 Description of the proposed Mining or mining operation.**

**2.1.1 The main Mining activities (e.g. access roads, topsoil storage sites and any other basic Mining design features )**

The planned Mining operation will create the following:

- Processing Plant related structures including overland conveyer & processing area;



$$80\text{m}^2 \times 2.45 = 196\text{m}^3$$

- A minimum of haulage roads.  
Existing farm roads will be used as far as practically possible a minimum of  $\pm 300\text{m}^2$  of other haulage roads will be constructed if necessary.
- Dedicated waste dump area (temporary);  
Estimated at 0.3 ha
- Dedicated topsoil storage area (temporary);  
Estimated at 0.2 ha
- Dedicated Mine Residue dam area;  
Estimated at 0.3 ha
- Container Mobile office area;  
Estimated at  $215\text{m}^2$
- Pipeline for water from the river  
A plastic pipeline of about 400m will be laid down through the veld to get water to the plant.

### 2.1.2 Plan of the main activities with dimensions

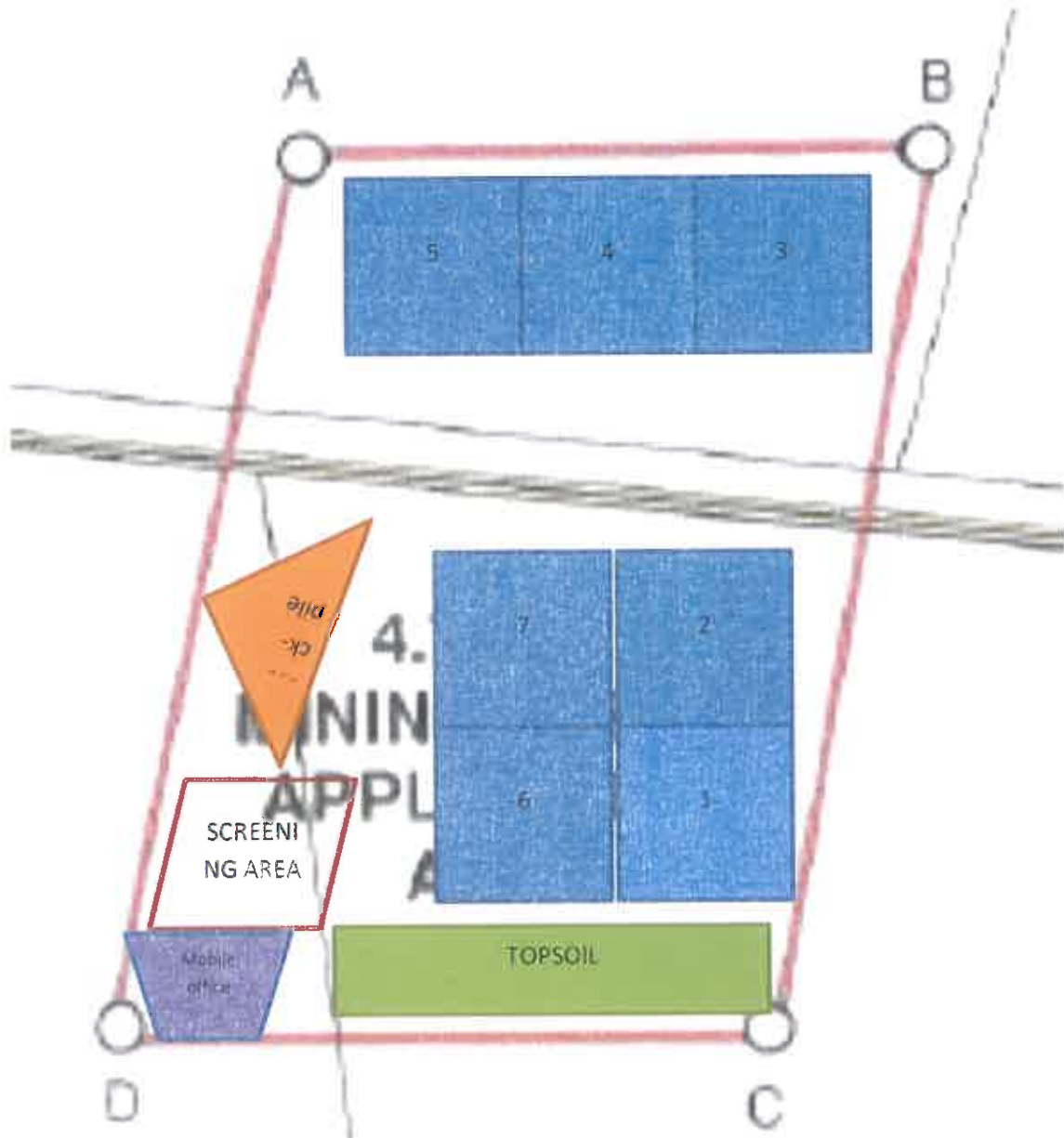


Figure 5 – Proposed Mining layout plan

### 2.1.3 Description of construction, operational, and decommissioning phases.

#### Construction phase:

The construction phase will commence upon granting of the Mining Permit application. The mine site will be established during this phase whereby the dedicated areas will be demarcated. These include the temporary waste dump area, the temporary topsoil storage area, the slimes dam area, the plant and processing area and the mobile office area.

This phase is expected to be complete within one month of granting of the Mining Permit application.

**Operational phase:**

The operational phase **will** be conducted in five phases. The mining area has been divided in five mining blocks. Each mining block will be mined out and rehabilitated before mining will commence in the next mining block.

The planned mining rate is 87 100 tonnes / quarter and the processing rate is 43 550 tonnes / quarter.

**Decommissioning phase:**

The decommissioning phase **will** only commence once all five the mining blocks have been mined out and rehabilitated. During decommissioning all mining related infrastructure will be removed from the site and final rehabilitation of the disturbed areas will take place. Once final rehabilitation has taken place, Westinryk **will** apply for a closure certificate.

#### **2.1.4 Listed activities (in terms of the NEMA EIA regulations)**

According to Listing Notice 1: List of activities and competent authorities identified in terms of Sections 24(2) and 24D of the National Environmental Management Act, 1998 (Act no. 107 of 1998) of Government Gazette no 33306, No. R. 544 the following activities are applicable according to NEMA EIA regulations:

|                |  |
|----------------|--|
| Activity<br>20 | Any activity requiring a mining permit in terms of Section 27 of the Mineral and Petroleum Resources Development Act, 2002 (Act no 28 of 2002) or renewal thereof. |
|----------------|--|

This Activity is not yet in effect and is therefore not a listed activity under the National Environmental Management Act yet. This is the reason that environmental regulation of Mining Activities is still governed by the MPRDA and the DMR is the Regulatory authority.

## 2.2 Identification of potential impacts

(Refer to the guideline)

### 2.2.1 Potential impacts per activity and listed activities.

| Mining /NEMA Activity | Potential impact on: | Type of impact  | Description   |
|-----------------------|----------------------|-----------------|---|
| Roads                 | ❖ Air quality        | Negative        | ❖ Nuisance dust will be created by the mining equipment hauling material between the open excavation areas and the plant area.  |
|                       | ❖ Fauna              | Negative        | ❖ Where new haulage roads will be created the natural habitat of the animals will be disturbed and/or destroyed.  |
|                       | ❖ Flora              | Negative        | ❖ Where new haulage roads will be created the vegetation will be disturbed and/or destroyed.  |
|                       | ❖ Ground Water       | Not anticipated | ❖ No impact to groundwater is expected from the roads that will be used by the planned mining operation.  |
|                       | ❖ Noise              | Negative        | ❖ Noise from the mining equipment on the haulage roads will be created.   |
|                       | ❖ Soil               | Not anticipated | ❖ No impact to soil is expected from the roads that will be used by the planned mining operation.<br>❖ If any soil is contaminated during the life of the mine with hydrocarbons on roads, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company. |
|                       | ❖ Surface Water      | Not anticipated | ❖ No impact to surface water is expected from the roads that will be used by the planned mining operation.  |
|                       | ❖ Topography         | Not anticipated | ❖ No impact to the topography is expected from the roads that will be used by the planned mining operation.   |

|                           | ❖ Visual             | Negative        | ❖ The haulage roads will be visible to some extent from the immediate surroundings.   |
|---------------------------|----------------------|-----------------|---|
| Mining Activity           | Potential impact on: | Type of impact  | Description   |
| <b>Excavation/Pitting</b> | ❖ Air quality        | Negative        | ❖ Nuisance dust will be created by the mining equipment excavating material from the mining blocks.   |
|                           | ❖ Fauna              | Negative        | ❖ Where new excavations will be created the natural habitat of the animals will be disturbed and/or destroyed.  |
|                           | ❖ Flora              | Negative        | ❖ Where new excavations will be created the vegetation will be disturbed and/or destroyed.  |
|                           | ❖ Ground Water       | Not anticipated | ❖ No impact to groundwater is expected from the creation of excavations.  |
|                           | ❖ Noise              | Negative        | ❖ Noise impact from the mining equipment will be created.   |
|                           | ❖ Soil               | Negative        | <ul style="list-style-type: none"> <li>❖ The disturbance of the soil structure during excavation activities.</li> <li>❖ The invasive Mining activities referring to the puts and trenches will also have a negative impact on the soil as all soil horizons will be destroyed but with concurrent rehabilitation and backfilling the impact will be temporary. If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company.</li> </ul> |
|                           | ❖ Surface Water      | Not anticipated | ❖ No impact to surface water is expected during excavation activities.  |
|                           | ❖ Topography         | Negative        | ❖ Changing of natural slopes by mining activities.  |
|                           | ❖ Visual             | Negative        | ❖ The excavations will be visible to some extent from the immediate surroundings.   |

| Mining Activity   | Potential impact on: | Type of impact  | Description  |
|---|----------------------|-----------------|--|
| <b>Temporary waste dump area and topsoil storage area</b> | ❖ Air quality        | Negative        | ❖ Nuisance dust will be created by the mining equipment when the material is dumped / stockpiled in these areas.   |
|   | ❖ Fauna              | Negative        | ❖ The natural habitat of the animals will be disturbed and/or destroyed in these areas.  |
|   | ❖ Flora              | Negative        | ❖ The vegetation will be disturbed and/or destroyed in these areas.  |
|   | ❖ Ground Water       | Not anticipated | ❖ No impact to groundwater is expected.  |
|   | ❖ Noise              | Negative        | ❖ Noise impact from the mining equipment will be created.  |
|   | ❖ Soil               | Negative        | ❖ The disturbance of the soil structure.<br>❖ The invasive Mining activities referring to the puts and trenches will also have a negative impact on the soil as all soil horizons will be destroyed but with concurrent rehabilitation and backfilling the impact will be temporary. If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company. |
|   | ❖ Surface Water      | Not anticipated | ❖ No impact to surface water is expected.  |
|   | ❖ Topography         | Negative        | ❖ Changing of natural slopes.  |
|   | ❖ Visual             | Negative        | ❖ These temporary storage areas will be visible to the immediate surroundings.   |
| Mining Activity   | Potential impact on: | Type of impact  | Description  |
| <b>Mine Residue dam</b>                                   | ❖ Air quality        | Not anticipated | ❖ No impact to the air quality is expected.  |
|   | ❖ Fauna              | Negative        | ❖ The natural habitat of the animals will be disturbed and/or destroyed when the Mine Residue dam is created.  |
|   | ❖ Flora              | Negative        | ❖ The vegetation will be disturbed and/or destroyed when the Mine  |



|                                    |                        |                             |  |
|------------------------------------|------------------------|-----------------------------|--|
|                                    | ❖ Ground Water         | Not anticipated             | Residue Dam dam is created.<br>❖ No impact to groundwater is expected.   |
|                                    | ❖ Noise                | Not anticipated             | ❖ No noise impact is expected.   |
|                                    | ❖ Soil                 | Negative                    | ❖ The disturbance of the soil structure when the Mine Residue Dam is created.<br>❖ If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be removed with the industrial waste to a recognized facility or company. |
|                                    | ❖ Surface Water        | Not anticipated             | ❖ No impact to surface water is expected.  |
|                                    | ❖ Topography           | Negative                    | ❖ Changing of natural slopes.  |
|                                    | ❖ Visual               | Negative                    | ❖ This Mine Residue Dam will be visible to the immediate surroundings.   |
|                                    | <b>Mining Activity</b> | <b>Potential impact on:</b> | <b>Type of impact</b>  |
| <b>Plant &amp; processing area</b> | ❖ Air quality          | Negative                    | ❖ Nuisance dust will be created by the mining equipment.   |
|                                    | ❖ Fauna                | Negative                    | ❖ Where the plant and processing area will be created the natural habitat of the animals will be disturbed and/or destroyed.   |
|                                    | ❖ Flora                | Negative                    | ❖ Where the plant and processing area will be created the vegetation will be disturbed and/or destroyed.   |
|                                    | ❖ Ground Water         | Not anticipated             | ❖ No impact to groundwater is expected.  |
|                                    | ❖ Noise                | Negative                    | ❖ Noise from the plant and processing equipment will be created.<br>❖  |
|                                    | ❖ Soil                 | Negative                    | ❖ The disturbance of the soil structure when the plant and processing area is created.<br>❖ If any soil is contaminated during the life of the mine with hydrocarbons, it will either be treated on site or be removed together with the contaminant and placed in acceptable  |

|  |                 |                 |   |
|--|-----------------|-----------------|---|
|  |                 |                 | containers to be removed with the industrial waste to a recognized facility or company.         |
|  | ❖ Surface Water | Negative        | ❖ The utilization of water from the Orange River for the processing of material.                |
|  | ❖ Topography    | Not anticipated | ❖ No impact to the topography is expected from the plant and processing area.                   |
|  | ❖ Visual        | Negative        | ❖ The plant and processing area will be visible to some extent from the immediate surroundings. |

### 2.2.2 Potential cumulative impacts.

| Description   |   |
|---------------|---|
| Air Quality   | <ul style="list-style-type: none"> <li>○ Dust from the unpaved gravel road.</li> <li>○ Mining activities such as drilling, excavation and gravel roads from where the tar road end to the Mining site will add Nuisance dust to the environment.</li> </ul> |
| Fauna         | <ul style="list-style-type: none"> <li>○ Disturbance and/or destruction of habitat by Mining activities.</li> <li>○ Agriculture and the creation of agricultural land also has a destructing effect on habitat of fauna</li> </ul>                          |
| Flora         | <ul style="list-style-type: none"> <li>○ Disturbance and/or destruction of vegetation by mining activities.</li> <li>○ Agriculture and the creation of agriculture land also has a destructing effect on flora.</li> </ul>                                  |
| Ground Water  | <ul style="list-style-type: none"> <li>○ Minimal utilization of groundwater for domestic purposes by the surface owner for his animals.</li> <li>○ No impact to groundwater by mining activities is expected.</li> </ul>                                    |
| Noise         | <ul style="list-style-type: none"> <li>○ Noise created by Mining activities.</li> <li>○ Noise created by animal herders on the property utilized by the surface owner.</li> </ul>   |
| Soil          | <ul style="list-style-type: none"> <li>○ Removal and disturbance of soil structure by Mining activities.</li> <li>○ Removal and disturbance of soil for agricultural purpose to create agricultural lands.</li> </ul>                                       |
| Surface Water | <ul style="list-style-type: none"> <li>○ Using of Orange River water for processing and domestic purposes by the Mining operation.</li> <li>○ Using of Orange River water for farming purposes by the surface owner.</li> </ul>                             |
| Topography    | <ul style="list-style-type: none"> <li>○ Changing of natural slopes by Mining activities.</li> </ul>  |
| Visual        | <ul style="list-style-type: none"> <li>○ Changing of natural view by Mining activities.</li> <li>○ Agriculture also has a visual impact on the eye of the beholder.</li> </ul>  |

### 2.2.3 Potential impact on heritage resources

There are no known areas with a heritage resource on the area under application. Any other areas indicated by the archaeologist as of importance will be avoided.

### 2.2.4 Potential impacts on communities, individuals or competing land uses in close proximity.

(If no such impacts are identified this must be specifically stated together with a clear explanation why this is not the case.)

There are no communities or individuals in close proximity of the area under application who could be potentially impacted on.

The only competing land use in close proximity of the area under application is livestock farming. The only potential impact to these activities is the nuisance dust created by the mining activities.

### **2.2.5 Confirmation that the list of potential impacts has been compiled with the participation of the landowner and interested and affected parties,**

The potential impacts were discussed with the surface owner. Attached hereto find the completed forms that the surface owner and neighbour completed attached as Annexure 'A'.

### **2.2.6 Confirmation of specialist report appended.** (Refer to guideline)

There is no specialist report appended, an archaeologist was contacted and the report from him will be submitted as soon as he has done his site visit and produced the report.

## **3 REGULATION 52 (2) (c): Summary of the assessment of the significance of the potential impacts and the proposed mitigation measures to minimise adverse impacts.**

### **3.1 Assessment of the significance of the potential impacts**

#### **3.1.1 Criteria of assigning significance to potential impacts**

##### **ASSESSMENT CRITERIA TERMINOLOGY**

The assessment of the impacts has been conducted according to a synthesis of criteria required by the integrated environmental management procedure.

##### **Nature of impact**

This is an appraisal of the type of effect the activity would have on the affected environmental component. Its description should include what is being affected, and how.

##### **Extent**

The physical and spatial size of the impact. This is classified as follows:

- **Local**  
The impacted area extends only as far as the activity, e.g. a footprint.
- **Site**  
The impact could affect the whole, or a measurable portion of the property.
- **Regional**  
The impact could affect the area including the neighbouring farms, transport routes and the adjoining towns.

- **Cumulative**  
The impact could have a cumulative effect with the surrounding land uses.

#### **Duration**

The lifetime of the impact which is measured in the context of the lifetime of the proposed phase (i.e. construction or operation).

- **Short term**  
The impact will either disappear with mitigation or will be mitigated through natural process in a short time period.
- **Medium term**  
The impact will last up to the end of the mining period, where after it will be entirely negated.
- **Long term**  
The impact will continue or last for the entire operational life of the mine, but will be mitigated by direct human action or by natural processes thereafter.
- **Permanent**  
The only class of impact, which will be non-transitory. Mitigation either by man or natural process will not occur in such a way or in such a time span that the impact can be considered transient.

#### **Intensity**

This describes how destructive, or benign, the impact is. Does it destroy the impacted environment, alter its functioning, or slightly alter it. These are rated as:

- **Low**  
This alters the affected environment in such a way that the natural processes or functions are not affected.
- **Medium**  
The affected environment is altered, but function and process continue, albeit in a modified way.
- **High**  
Function or process of the affected environment is disturbed to the extent where it temporarily or permanently ceases.

This will be a relative evaluation within the context of all the activities and the other impacts within the framework of the project.

#### **Probability**

This describes the likelihood of the impacts actually occurring. The impact may occur for any length of time during the life cycle of the activity, and not at any given time. The classes are rated as follows:

- **Improbable**  
The possibility of the impact occurring is very low, due either to the circumstances, design or experience.
- **Probable**

There is a possibility that the impact will occur to the extent that provisions must be made therefore.

- **Highly probable**  
It is most likely that the impacts will occur at some or other stage of the development.
- **Definite**  
The impact will take place regardless of any preventative plans, and mitigation measures or contingency plans will have to be implemented to contain the impact.

#### Determination of significance

Significance is determined through a synthesis of impact characteristics. Significance is an indication of the importance of the impact in terms of both physical extent and time scale, and therefore indicates the level of mitigation required. The classes are rated as follows:

- **No significance**  
The impact is not likely to be substantial and does not require any mitigatory action.
- **Low**  
The impact is of little importance, but may require limited mitigation.
- **Medium**  
The impact is of importance and therefore considered to have a negative impact. Mitigation is required to reduce the negative impacts to acceptable levels.
- **High**  
The impact is of great importance. Failure to mitigate, with the objective to reduce the impact to acceptable levels, could render the entire development option or entire project proposal unacceptable. Mitigation is therefore essential.

### 3.1.2 Potential impact of each main activity in each phase, and corresponding significance assessment

| Mining activity                                    | Impact on   | Extent | Duration | Intensity | Probability | Significance |
|--|-------------|--------|----------|-----------|-------------|--------------|
| Roads & Hauling                                    | Air quality | Site   | Short    | Medium    | Definite    | Medium       |
|  | Fauna       | Local  | Long     | High      | Definite    | High         |
|  | Flora       | Local  | Long     | High      | Definite    | High         |
|  | Noise       | Site   | Short    | Low       | Definite    | Low          |
|  | Visual      | Site   | Long     | Low       | Probable    | Low          |
| Excavations  | Air quality | Site   | Short    | Medium    | Definite    | Medium       |
|  | Fauna       | Local  | Long     | High      | Definite    | High         |
|  | Flora       | Local  | Long     | High      | Definite    | High         |
|  | Noise       | Site   | Short    | Low       | Definite    | Medium       |
|  | Soil        | Local  | Long     | High      | Definite    | High         |
|  | Topography  | Local  | Long     | Medium    | Definite    | Low          |
| Temporary waste dump area and topsoil storage area | Visual      | Site   | Long     | Low       | Definite    | Low          |
|  | Air quality | Site   | Short    | Medium    | Definite    | Medium       |
|  | Fauna       | Local  | Long     | High      | Definite    | High         |
|  | Flora       | Local  | Long     | High      | Definite    | High         |
|  | Noise       | Site   | Short    | Low       | Definite    | Medium       |
| Soil   | Local       | Long   | High     | Definite  | High        |              |

|                         |               |       |       |        |          |        |
|-------------------------|---------------|-------|-------|--------|----------|--------|
|                         | Topography    | Local | Long  | Medium | Definite | Low    |
|                         | Visual        | Site  | Long  | Low    | Definite | Low    |
| Mine Residue dam        | Fauna         | Local | Long  | High   | Definite | High   |
|                         | Flora         | Local | Long  | High   | Definite | High   |
|                         | Soil          | Local | Long  | High   | Definite | High   |
|                         | Topography    | Local | Long  | Medium | Definite | Low    |
|                         | Visual        | Site  | Long  | Low    | Definite | Low    |
|                         |               |       |       |        |          |        |
| Plant & processing area | Air quality   | Site  | Short | Medium | Definite | Medium |
|                         | Fauna         | Local | Long  | High   | Definite | High   |
|                         | Flora         | Local | Long  | High   | Definite | High   |
|                         | Noise         | Site  | Short | Low    | Definite | Medium |
|                         | Soil          | Local | Long  | Medium | Definite | High   |
|                         | Surface Water | Site  | Long  | Medium | Definite | Medium |
|                         | Visual        | Site  | Long  | Low    | Definite | Low    |

### 3.1.3 Assessment of potential cumulative impacts.

|               | Extent | Duration | Intensity | Probability | Significance |
|---------------|--------|----------|-----------|-------------|--------------|
| Air Quality   | Site   | Short    | Medium    | Definite    | Medium       |
| Fauna         | Local  | Long     | High      | Definite    | High         |
| Flora         | Local  | Long     | High      | Definite    | High         |
| Noise         | Site   | Short    | Medium    | Definite    | Medium       |
| Soil          | Local  | Long     | Medium    | Definite    | High         |
| Surface Water | Site   | Long     | Medium    | Definite    | Medium       |
| Topography    | Site   | Long     | Medium    | Definite    | Medium       |
| Visual        | Site   | Long     | Low       | Definite    | Low          |

### 3.2 Proposed mitigation measures to minimise adverse impacts.

#### 3.2.1 List of actions, activities, or processes that have sufficiently significant impacts to require mitigation.

- Air quality
- Fauna
- Flora
- Noise
- Soil

#### 3.2.2 Concomitant list of appropriate technical or management options

(Chosen to modify, remedy, control or stop any action, activity, or process which will cause significant impacts on the environment, socio-economic conditions and historical and cultural aspects as identified. Attach detail of each technical or management option as appendices)

- Air quality:  
To limit the creation of nuisance dust the following management guidelines will be followed:
  - Avoidance of unnecessary removal of vegetation;
  - Routine spraying of unpaved site areas and roads with water;
  - Re-vegetation of rehabilitated areas not occupied by plant infrastructure to take place as soon as possible.

- Fauna & Flora
  - Indigenous vegetation to be used for landscaping to minimize watering requirements.
  - If any endangered species are found on the mine they will be relocated. If this is not possible potential changes in the habitat of endangered species will be monitored.
  - The above programme will also focus on species that depend on specific host plants or on specific symbiotic relationships, with specific reference to possible impacts on such related to emissions from the mine.
  - If monitoring shows that endangered species are being negatively affected to the degree that they are at risk of die-off, measures will be put in place to safeguard their continued existence.
  - Any area that is rehabilitated or decommissioned will be seeded if necessary with a seed mixture reflecting the natural vegetation as is currently found. If this is not found to be feasible during rehabilitation a general seed mixture of the area will be used.
  - Management will also take responsibility to control declared invader or exotic species on the mine. The following control methods will be used:
    - "The plants will be uprooted, felled or cut off and can be destroyed completely."
    - "The plants will be treated with an herbicide that is registered for use in connection therewith and in accordance with the directions for the use of such an herbicide."
  - The end objective of the re-vegetation program will be to achieve a stable self-sustaining habitat unit.
  - Vegetation on flat surfaces will be established using the dry lands technique requiring no irrigation.
  - Valid permits from Northern Cape Nature Conservation will be obtained before any protected plant species are removed.
  - Fires will only be allowed in facilities or equipment specially constructed for this purpose. If required by applicable legislation, a firebreak will be cleared around the perimeter of the mine.
  - Any form of poaching by workers of the mine will result in the maximum form of punishment as allowed for by common law. Any form of snares or traps on the site will be removed.
  - If any endangered species are encountered the Department of Nature Conservation will be contacted.
- Noise
  - As a minimum, ambient noise levels emanating from the mine will not exceed 82 dBA at the site boundary.
  - Westinryk will comply with the occupational noise regulations of the Occupational Health and safety Act, Act 85 of 1993.

- Westinryk will comply with the measures for good practice with regard to management of noise related impacts during construction and operation.
- The management objective will be to reduce any level of noise, shock and lighting that may have an effect on persons or animals, both inside the plant and that which may migrate outside the plant area.
- When the equivalent noise exposure, as defined in the South African Bureau of Standards Code of Practice for the Measurement and Assessment of Occupational Noise for Hearing Conservation Purposes, SABS 083 as amended, in any place at or in any mine or works where persons may travel or work, exceeds 82 dB (A), the site manager will take the necessary steps to reduce the noise below this level.
- Hearing protection will be available for all employees where attenuation cannot be implemented.
- If any complaints are received from the public or state department regarding noise levels the levels will be monitored at prescribed monitoring points.

#### Mechanical equipment:

- All mechanical equipment will be in good working order and vehicles will adhere to the relevant noise requirements of the Road Traffic Act.
- All vehicles in operation will be equipped with a silencer on their exhaust system.
- Safety measures, which generate noise such as reverse gear alarms on large vehicles, will be appropriately calibrated/adjusted.

#### Screening/Migration control:

- Appropriate measures will specifically be installed and employed at the plant to act as screen and to reflect/reduce the noise.
- Appropriate non-metallic washers/insulation will be used with any joining apparatus to join screens such as corrugated iron to other structures and to each other. Such screens will be maintained in a fixed position.

- Soil

- In all places of development the first 300mm of loose or weathered material found will be classified as a growth medium.
- In all areas where the above growth medium will be impacted on, it will be removed and stockpiled on a dedicated area. The maximum height of stockpiles will be 2.5 meters.
- The growth medium/topsoil will be used during the rehabilitation of any impacted areas, after sloping in order to re-establish the same land capability.
- If any soil is contaminated during the life of the mine, it will either be treated on site or be removed together with the contaminant and placed in acceptable containers to be



removed with the industrial waste to a recognized facility or company.

- Erosion control in the form of re-vegetation and contouring of slopes will be implemented on disturbed areas in and around the site.
- Topsoil will be kept separate from overburden and will not be used for building or maintenance of access roads.
- The stored topsoil will be adequately protected from being blown away or being eroded.
- All maintenance to vehicles will be done at the workshop containers or store, which have a steel or cement floor, to minimize any possibility of soil pollution.
- The fuel tanks will be bunded and all oil will be stored on a steel or cement floor at the workshop containers or store, to contain any spillages and to divert surface water run-off around it. Drip trays will be used actively to prevent any spillages.
- In the case if oil or fuel spillage, it will be cleaned up immediately with products like Zorb or Greenstuff.

### 3.2.3 Review the significance of the identified impacts

(After bringing the proposed mitigation measures into consideration).

| Mining activity                                    | Impact on   | Extent | Duration | Intensity | Probability | Significance |
|--|-------------|--------|----------|-----------|-------------|--------------|
| Roads & Hauling                                    | Air quality | Site   | Short    | Medium    | Definite    | Low          |
|  | Fauna       | Local  | Long     | High      | Definite    | Medium       |
|  | Flora       | Local  | Long     | High      | Definite    | Medium       |
|  | Noise       | Site   | Short    | Low       | Definite    | Low          |
|  | Visual      | Site   | Long     | Low       | Probable    | Low          |
| Excavations  | Air quality | Site   | Short    | Medium    | Definite    | Low          |
|  | Fauna       | Local  | Long     | High      | Definite    | Medium       |
|  | Flora       | Local  | Long     | High      | Definite    | Medium       |
|  | Noise       | Site   | Short    | Low       | Definite    | Low          |
|  | Soil        | Local  | Long     | High      | Definite    | Medium       |
|  | Topography  | Local  | Long     | Medium    | Definite    | Low          |
|  | Visual      | Site   | Long     | Low       | Definite    | Low          |
| Temporary waste dump area and topsoil storage area | Air quality | Site   | Short    | Medium    | Definite    | Low          |
|  | Fauna       | Local  | Long     | High      | Definite    | Medium       |
|  | Flora       | Local  | Long     | High      | Definite    | Medium       |
|  | Noise       | Site   | Short    | Low       | Definite    | Low          |
|  | Soil        | Local  | Long     | High      | Definite    | Medium       |
|  | Topography  | Local  | Long     | Medium    | Definite    | Low          |
|  | Visual      | Site   | Long     | Low       | Definite    | Low          |
| Mine Residue Dam                                   | Fauna       | Local  | Long     | High      | Definite    | Medium       |
|  | Flora       | Local  | Long     | High      | Definite    | Medium       |
|  | Soil        | Local  | Long     | High      | Definite    | Medium       |
|  | Topography  | Local  | Long     | Medium    | Definite    | Low          |
|  | Visual      | Site   | Long     | Low       | Definite    | Low          |
| Plant & processing area                            | Air quality | Site   | Short    | Medium    | Definite    | Low          |
|  | Fauna       | Local  | Long     | High      | Definite    | Medium       |
|  | Flora       | Local  | Long     | High      | Definite    | Medium       |
|  | Noise       | Site   | Short    | Low       | Definite    | Low          |
|  | Soil        | Local  | Long     | Medium    | Definite    | Medium       |

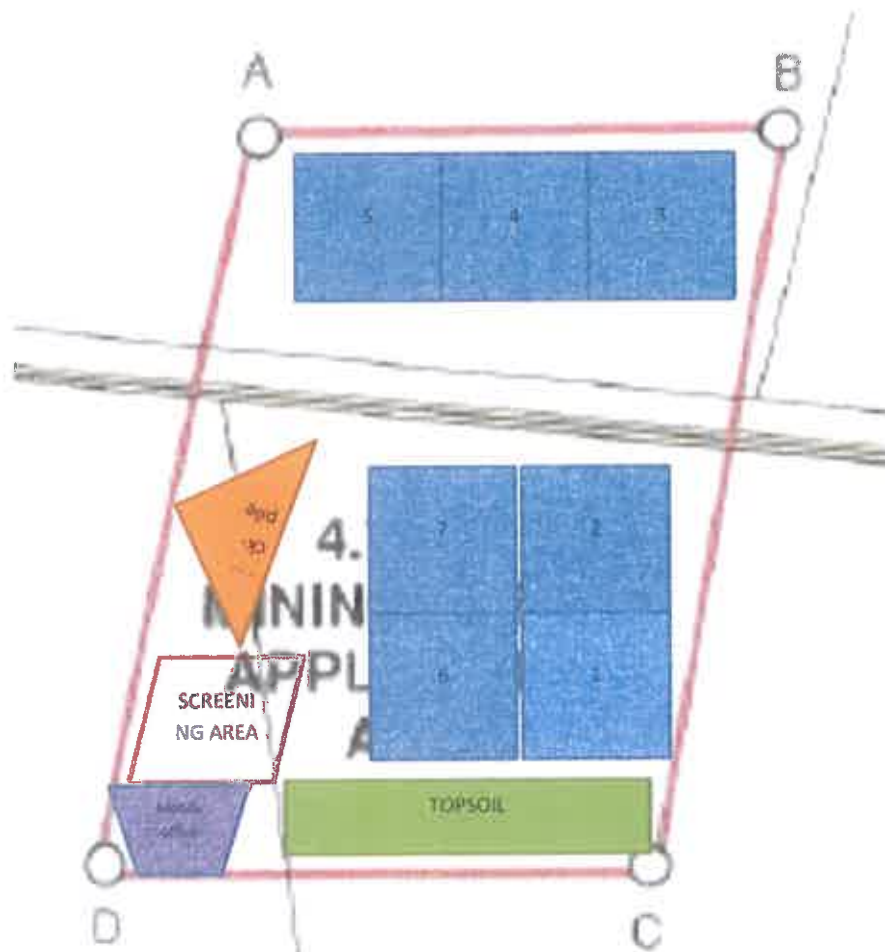
|  |               |      |      |        |          |     |
|--|---------------|------|------|--------|----------|-----|
|  | Surface Water | Site | Long | Medium | Definite | Low |
|  | Visual        | Site | Long | Low    | Definite | Low |

#### 4 REGULATION 52 (2) (d): Financial provision. The applicant is required to-

##### 4.1 Plans for quantum calculation purposes.

(Show the location and aerial extent of the aforesaid main mining actions, activities, or processes, for each of the construction operational and closure phases of the operation).

**Only one mining block will be open at any given time, no second block will be stripped before the next block has been rehabilitated.**



*Figure 6 - Construction phase, Operational phase at decommissioning phase all infrastructure will be removed and final rehabilitation will be done except if the programme was positive and an application is made for a Mining Right application.*

##### 4.2 Alignment of rehabilitation with the closure objectives

(Describe and ensure that the rehabilitation plan is compatible with the closure objectives determined in accordance with the baseline study as prescribed).

###### Closure objectives:

- The main closure objective of Westinryk planned Mining operation is to restore the site to its current land capability in a sustainable matter.

- To prevent the sterilization of any ore reserves.
- To prevent the establishment of any permanent structures or features.
- To manage and limit any impact to the surface and groundwater aquifers in such a way that an acceptable water quality and yield can still be obtained, when a closure certificate is issued.
- The mine also has the objective to establish a stable and self- sustainable vegetation cover.
- To limit and rehabilitate any erosion features and prevent any permanent impact to the soil capability of the mine.
- To limit and manage the visual impact of the mine.
- To safeguard the safety and health of humans and animals on the mine.
- The last closure objective is that the mine is closed efficiently, cost effectively and in accordance with government policy.

#### Rehabilitation Plan:

- Infrastructure areas

On completion of the Mining operation, the various surfaces, including the access road, the office area, storage areas and the plant site, will finally be rehabilitated as follows: All tailings or other material on the surface will be removed to the original topsoil level where possible. This material will then be backfilled into the open pits. Any compacted area will then be ripped to a depth of 300mm, where possible, the topsoil or growth medium returned and landscaped.

All infrastructures, equipment, plant, and other items used during the operational period will be removed from the site.

On completion of operations, all buildings, structures or objects on the office site will be dealt with in accordance with regulation 44 of the Minerals and Petroleum Resources Development Act, 2002, which states:

#### Regulation 44:

1. *When a Mining right, mining right, retention permit or mining permit lapses, is cancelled or is abandoned or when any Mining or mining operation comes to an end, the holder of such right or permit may not demolish or remove any building, structure or object-*
  - (a) *which may not be demolished or removed in terms of any other law;*
  - (b) *which has been identified in writing by the Minister for purposes of this section; or*
  - (c) *which is to be retained in terms of an agreement between the holder and the owner or occupier of the land, which agreement has been approved by the Minister in writing.*
2. *The provision of subsection (1) does not apply to bona fide mining equipment, which may be removed.*

- Rehabilitation of the secured storage areas

On completion of the Mining operation, the above areas will be cleared of any remaining contaminated soil which will be placed in acceptable containers and removed with the industrial waste to a recognized disposing facility or by a waste removal company.

All buildings, structures or objects in the secured storage areas shall be dealt with in accordance with regulation 44 of the Minerals and Petroleum Resources Development Act, 2002.

The surface will be ripped or ploughed to a depth of at least 300 mm, where possible, and the topsoil, previously stored adjacent the site, distributed evenly to its original depth over the whole area. The area will then be fertilized if necessary (based on a soil analysis).

The site will be seeded with a vegetation seed mix adapted to reflect the local indigenous flora if necessary.

Any other disturbed areas will be rehabilitated as described under the relevant activities.

- Mine residue deposits
  - Disposal facilities  
Waste material of all description inclusive of receptacles, scrap, rubble and tyres will be removed entirely from the mining area and disposed of at a recognized landfill facility. It will not be permitted to be buried or burned on the site.
  - Ongoing seepage, control of rain water.  
No monitoring of ground or surface water will take place, except if so requested by the DWA - Kimberley.
  - Long term stability and safety  
It will be the objective of mine management to ensure the long term stability of all rehabilitated areas including the backfilled pits or excavations. This will be done by the monitoring of all areas until a closure certificate has been issued.
  - Final rehabilitation in respect of erosion and dust control  
Self-sustaining vegetation will result in the control of erosion and dust and no further rehabilitation is planned.
- Rehabilitation of dangerous excavations  
Due to the removal of surface ore material, pits could be created that can be classified as dangerous. All available material will be used during backfilling to avoid the existence of dangerous excavations.
- Final rehabilitation of opencast mine-haul ramps and roads and final voids  
After rehabilitation has been completed, all roads will be ripped or ploughed, fertilized and seeded, providing the landowner does not want them to remain that way and with written approval from the Director Mineral Development of the Department of Mineral Resources.
- Submission of information  
Reports on rehabilitation and monitoring will be submitted annually to the Department of Mineral Resources - Kimberley, as described in regulation 55.
- Maintenance (Aftercare)  
Maintenance after closure will mainly concern the regular inspection and monitoring and/or completion of the re-vegetation programme.

The aim of this Environmental Management Plan is for rehabilitation to be stable and self-sufficient, so that the least possible aftercare is required.

The aim with the closure of the mine will be to create an acceptable post-mine environment and land-use. Therefore all agreed commitments will be implemented by Mine Management

o After-effects following closure

- Acid mine drainage  
No potential for bad quality leachate or acid mine drainage development exist after mine closure.
- Long term impact on ground water.  
No after effect on the groundwater yield or quality is expected.
- Long-term stability of rehabilitated land  
One of the main aims of any rehabilitated ground will be to obtain a self-sustaining and stable end result. As the open pits will be mined onto dolomite bedrock these areas will have long term stability.

#### 4.3 Quantum calculations.

(Provide a calculation of the quantum of the financial provision required to manage and rehabilitate the environment, in accordance with the guideline prescribed in terms of regulation 54 (1) in respect of each of the phases referred to).

| No.    | Description  | Unit | A<br>Quantity | B<br>Master<br>Rate | C<br>Multiplication<br>factor | D<br>Weighting<br>factor 1 | E=A*B*C*D<br>Amount<br>(Rands) |
|--------|--|------|---------------|---------------------|-------------------------------|----------------------------|--------------------------------|
| 1      | Dismantling of processing plant and related structures (including overland conveyors and powerlines) | m3   | 196           | 11.58               | 1                             | 1                          | 2 292.84                       |
| 2 (A)  | Demolition of steel buildings and structures   | m2   | 215           | 161.24              | 1                             | 1                          | 34 666.60                      |
| 2(B)   | Demolition of reinforced concrete buildings and structures   | m2   |               | 237.62              | 1                             | 1                          | -                              |
| 3      | Rehabilitation of access roads   | m2   | 1000          | 28.85               | 1                             | 1                          | 28 850.00                      |
| 4 (A)  | Demolition and rehabilitation of electrified railway lines   | m    |               | 280.05              | 1                             | 1                          | -                              |
| 4 (A)  | Demolition and rehabilitation of non-electrified railway lines                                       | m    |               | 152.75              | 1                             | 1                          | -                              |
| 5      | Demolition of housing and/or administration facilities   | m2   |               | 322.48              | 1                             | 1                          | -                              |
| 6      | Opencast rehabilitation including final voids and ramps  | ha   | 0.25          | 169047.76           | 0.52                          | 1                          | 21 976.21                      |
|        |  |      | 0.25          | 169047.76           | 0.52                          | 1                          | 21 976.21                      |
|        |  |      |               | 169047.76           | 0.52                          | 1                          | -                              |
|        |  |      |               | 169047.76           | 0.52                          | 1                          | -                              |
|        |  |      |               | 169047.76           | 0.52                          | 1                          | -                              |
|        |  |      |               | 169047.76           | 0.52                          | 1                          | -                              |
|        |  |      |               | 169047.76           | 0.52                          | 1                          | -                              |
| 7      | Sealing of shafts adits and inclines   | m3   |               | 86.56               | 1                             | 1                          | -                              |
| 8 (A)  | Rehabilitation of overburden and spoils  | ha   | 0.25          | 112696.51           | 1                             | 1                          | 28 174.63                      |
| 8 (B)  | Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)          | ha   | 0.3           | 140363.65           | 1                             | 1                          | 42 109.19                      |
| 8 (C)  | Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)              | ha   |               | 407683.45           | 1                             | 1                          | -                              |
| 9      | Rehabilitation of subsided areas   | ha   |               | 94368.03            | 1                             | 1                          | -                              |
| 10     | General surface rehabilitation   | ha   | 1             | 89276.23            | 1                             | 1                          | 89 276.23                      |
| 11     | River diversions   | ha   |               | 89276.23            | 1                             | 1                          | -                              |
| 12     | Fencing  | m    |               | 101.84              | 1                             | 1                          | -                              |
| 13     | Water management   | ha   |               | 33945.33            | 1                             | 1                          | -                              |
| 14     | 2 to 3 years of maintenance and aftercare  | ha   | 1             | 11880.87            | 1                             | 1                          | 11 880.87                      |
| 15 (A) | Specialist study   | Sum  |               |                     |                               | 1                          | -                              |
| 15 (B) | Specialist study   | Sum  |               |                     |                               | 1                          | -                              |
|        |  |      |               |                     |                               | Sub Total 1                | 259 226.58                     |
| 1      | Preliminary and General  |      | 31107.18736   |                     |                               | weighting factor 2<br>1    | 31 107.19                      |
| 2      | Contingencies  |      |               | 25922.65613         |                               |                            | 25 922.66                      |
|        |  |      |               |                     |                               | Subtotal 2                 | 316 288.40                     |
|        |  |      |               |                     |                               | VAT (14%)                  | 44 275.90                      |
|        |  |      |               |                     |                               | Grand Total                | 360 532.30                     |

#### 4.4 Undertaking to provide financial provision

(Indicate that the required amount will be provided should the right be granted).

Attached hereto as Annexure 'B' find an undertaking by Westinryk to provide the required amount as calculated in the financial quantum.

### 5 REGULATION 52 (2) (e): Planned monitoring and performance assessment of the environmental management plan.

#### 5.1 List of identified impacts requiring monitoring programmes.

- Topography
- Soil
- Air quality
- Fauna
- Flora
- Noise

#### 5.2 Functional requirements for monitoring programmes.

The purpose of submission of information in this section is to inform the relevant government department of the impacts and the progress being made with respect to the mitigation of the impacts occurring from the current operation. The following information will be submitted to the respective Departments within the stipulated time frames:

##### Topography:

To ensure that rehabilitation post-mining slopes are stable, free draining and no slopes have an angle in excess of 20°. Monitoring will be done on an *annual basis* to ensure that the levels and the slopes are in order.

##### Soil

Monitoring will be done at rehabilitated areas on an *annual basis* or after a heavy rain event, where soil depth and chemical composition will be tested and possible erosion damage will be assisted and rectified.

##### Flora :

To ensure that the rehabilitated areas become self-maintaining, monitoring will be done at the rehabilitated areas on a *twice a year basis* (mid-summer and mid-winter), where species diversity and vegetation cover will be investigated.

##### Fauna:

To ensure that the species diversity and abundance is not significantly reduced, monitoring will be done at rehabilitated area on an *annually basis* to investigate species diversity and abundance.

##### Surface water:

No Monitoring will be done to monitor the quality of the surface water as there are no sources in the vicinity of the mine.

##### Ground water:

No Monitoring will be done to monitor the levels and quality of the groundwater as no ground water is used.

**Air quality:**

To ensure that the mine minimizes dust omissions, so that dust does not become a nuisance for affected parties and a health hazard. Visual inspections will be done and managed by dust suppression by a water tanker. Quarterly tests will also be conducted by a Safety, Health and Environmental consultant and submitted to Mine Health and Safety for monitoring purposes.

**Submission of the report**

- Monthly monitoring of all environmental management measures and the holder of the Mining right shall be carry out on components in order to ensure that the provisions of this programme are adhered to.
- *Yearly reporting* of the progress of implementation of this programme will be done.
- Various points of compliance will be identified with regards to the various impacts that the operations will have on the environment.
- The layout plan will be updated *annually* to indicate areas that were cleared and areas that have been rehabilitated. Updated copies will be submitted on an *annual basis* to the Regional Manager: DMR.
- Reports confirming compliance with various points identified in the environmental management programme will be submitted to the Regional Manager: DMR at the end of *every year* with special reference to the progress of vegetated areas.
- Any emergency or unforeseen impacts will be reported as soon as possible (within 24 hours).
- An assessment of environmental impacts that were not properly addressed or were unknown when the programme was compiled shall be carried out and added as a corrective action.

### **5.3 Roles and responsibilities for the execution of monitoring programmes.**

| <b>Environmental Element</b> | <b>Responsibility</b>                         |
|------------------------------|---|
| <b>Affected</b>              |   |
| Archaeology- if any          | Site Manager/ Foreman                         |
| Air Quality                  | Site Manager / appointed SHE consultant       |
| Noise                        | Site Manager/Foreman appointed SHE consultant |
| Surface and ground water     | Site Manager/ Water supply                    |
| Soils (pollution) and/ or    | Site Manager/ Plant operator and              |
| Erosion                      | vehicles operators                            |
| Topography                   | Site Manager / Environmentalist               |
| Visual                       | Site Manager / Environmentalist               |

The Mine Manager will be responsible for the execution of monitoring programmes.

### **5.4 Committed time frames for monitoring and reporting.**

Quarterly reports on fall-out and nuisance dust and noise monitoring will be conducted as required by legislation. The results of these studies will be compiled into annual reports and forwarded to the Principle Inspector of Mine Health and Safety, Department of Mineral Resources, Kimberley.

The fauna and flora will be monitored on an annual basis when the Performance Assessment Report is compiled.

Annual performance Assessment and financial quantum reports will also be conducted.

## 6 REGULATION 52 (2) (f): Closure and environmental objectives.

### 6.1 Rehabilitation plan

(Show the areas and aerial extent of the main Mining activities, including the anticipated prospected area at the time of closure).

The area will be backfilled and sloped to blend in with the natural topography and will return to grazing.

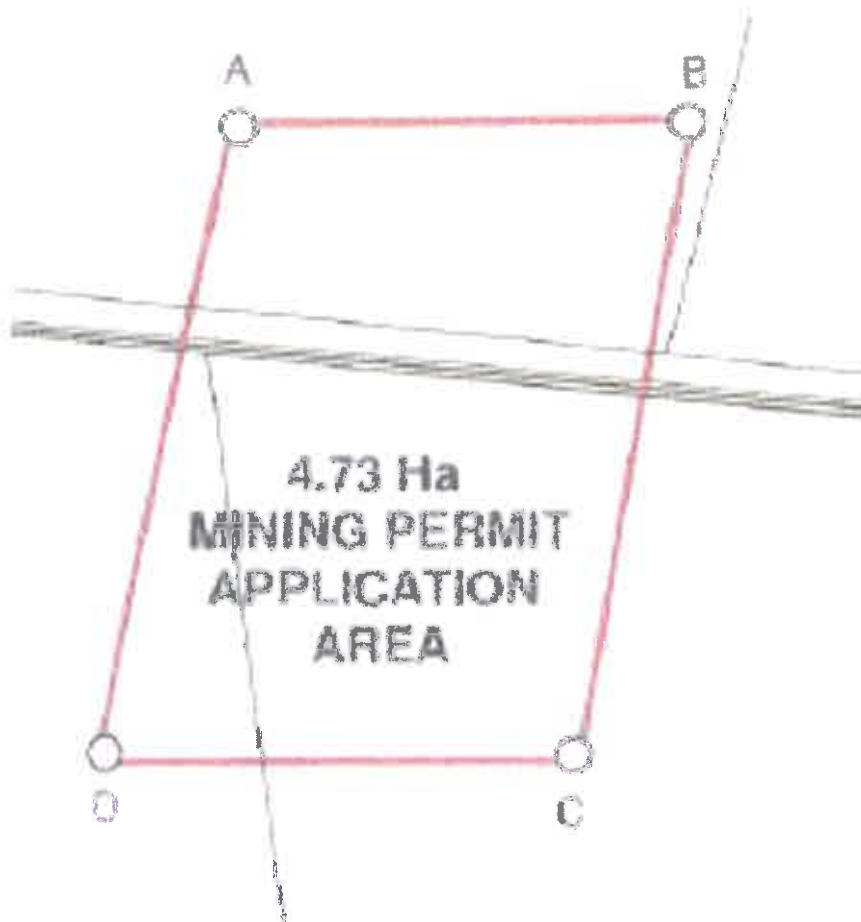


Figure 9 - Rehabilitation plan



## **6.2 Closure objectives and their extent of alignment to the pre-mining environment.**

### Closure objectives

- The main closure objective of Westinryk planned Mining operation is to restore the site to its current land capability in a sustainable matter.
- To prevent the sterilization of any ore reserves.
- To prevent the establishment of any permanent structures or features.
- To manage and limit any impact to the surface and groundwater aquifers in such a way that an acceptable water quality and yield can still be obtained, when a closure certificate is issued.
- The mine also has the objective to establish a stable and self-sustainable vegetation cover.
- To limit and rehabilitate any erosion features and prevent any permanent impact to the soil capability of the mine.
- To limit and manage the visual impact of the mine.
- To safeguard the safety and health of humans and animals on the mine.
- The last closure objective is that the mine is closed efficiently, cost effectively and in accordance with government policy.

The closure objectives are aligned in such a manner as to ensure the current land capability is achieved upon closure.

## **6.3 Confirmation of consultation**

(Confirm specifically that the environmental objectives in relation to closure have been consulted with landowner and interested and affected parties).

The closure objectives have been consulted with the surface owner.

## **7 REGULATION 52 (2) (g): Record of the public participation and the results thereof.**

### **7.1 Identification of interested and affected parties.**

(Provide the information referred to in the guideline)

#### **Consulted**

- **Mr J Van der Westhuizen(owner) - e-mail and Public participation Meeting**
- **Mr - D Swart (neighbour) e-mail and Public Participation Meeting**
- **Mr M.S.W. Potgieter (farmer in the area) Public Participation Meeting**
- **Mr R.A. Cilliers (neighbour) e-mail and Public Participation Meeting**
- **Mr J.H. Coetzee (farmer in the area) Public Participation Meeting**
- **Mr J. Botha (farmer in the area) Public Participation Meeting**

An advert in the DFA was also placed in the DFA on 27 August 2014 order for other interested parties to come forward and to register as Interested parties in the project.

### **7.2 The details of the engagement process.**

### **7.2.1 Description of the information provided to the community, landowners, and interested and affected parties.**

The following was discussed with the surface owner:

- The planned mining operation;
- The existing status of the environment;
- The anticipated impacts of the planned mining operation;
- Current land uses; and
- Closure objectives

### **7.2.2 List of which parties identified in 7.1 above that were in fact consulted, and which were not consulted.**

An advert in the DFA was also placed in order for other interested parties to come forward and to register as interested parties in the project

#### **Consulted**

•Mr J Van der Westhuizen(owner) - e-mail and Public participation Meeting

•Mr - D Swart (neighbour) e-mail and Public Participation Meeting

Mr M.S.W. Potgieter (farmer in the area) Public Participation Meeting

Mr R.A. Cilliers (neighbour) e-mail and Public Participation Meeting

Mr J.H. Coetzee (farmer in the area) Public Participation Meeting

Mr J. Botha (farmer in the area) Public Participation Meeting

An advert in the DFA was also placed in the DFA on 27 August 2014 order for other interested parties to come forward and to register as Interested parties in the project.

### **7.2.3 List of views raised by consulted parties regarding the existing cultural, socio-economic or biophysical environment.**

The consultation is still on-going process.

Letters of agreement and/or comments from the interested and affected parties with regard to the proposed mining operation is attached as an appendix.

### **7.2.4 List of views raised by consulted parties on how their existing cultural, socio-economic or biophysical environment potentially will be impacted on by the proposed Mining or mining operation.**

The consultation is still on-going process.

Letters of agreement and/or comments from the interested and affected parties with regard to the proposed mining operation is attached as an appendix.

### **7.2.5 Other concerns raised by the aforesaid parties.**

The consultation is still on-going process. Letters of agreement and/or comments from the interested and affected parties with regard to the content of this report is attached as an appendix and will be attached on the EMP to be drafted and submitted to the DMR.

Proposals received during the consultation process are as follows;

- Rehabilitation and dust suppression - surface owner. Removal of rocky material from mined areas and rehabilitation to improve ground use and quality.
- Limit the dust - adjacent farm owners and do not compromise safety and security in the area

### **7.2.6 Confirmation that minutes and records of the consultations are appended.**

A copy of the submitted mine plan was discussed and delivered to the surrounding or adjacent parties and the mine plan was personally explained to them in detail on 9 September 2014 during a consultation meeting - comments attached as an appendix.

### **7.2.7 Information regarding objections received.**

No objections were received.

## **7.3 The manner in which the issues raised were addressed.**

A copy of the submitted mine plan was discussed and delivered to the surrounding or adjacent parties and the mine plan was personally explained to them in detail on 9 September 2014 during a consultation meeting - comments attached as an appendix.

## **8 SECTION 39 (3) (c) of the Act: Environmental awareness plan.**

### **8.1 Employee communication process**

(Describe how the applicant intends to inform his or her employees of any environmental risk which may result from their work).

- An environmental, health and safety induction programme will be provided to all employees prior to commencing work, and they will sign acknowledgement of the induction.
- A daily "toolbox talk" will be held prior to commencing work, which will include discussions on health, safety and environmental considerations. The toolbox talks should be led by the site manager.

## 8.2 Description of solutions to risks

(Describe the manner in which the risk must be dealt with in order to avoid pollution or degradation of the environment).

### Air quality:

- To control the incidence of unacceptable levels of dust pollution on site.

### Surface water:

- To conserve water; and
- To eliminate the contamination of run-off and sources of surface water.

### Ground water:

- To minimise and prevent as far as practically possible the contamination of ground water.

### Natural flora:

- To minimise the destruction of vegetation units; and
- To control invasion by exotic and invasive plant species.

### Fauna:

- To minimise vegetation destruction in drill areas, and therefore a habitat for wildlife; and
- To eliminate poaching and the extermination of animal species within the boundaries of the study area, as well as in the surrounding areas.

### Noise:

- To control the incidence of unacceptable noise levels on site.

### Aesthetics:

- To minimise aesthetic disturbance; and
- To reduce the visual impact of the proposed Mining operation through a process of on-going rehabilitation and reclamation.

### Soils:

- To prevent soil pollution;
- To limit soil compaction;
- To curb soil erosion; and
- To reinstate a growth medium able to sustain plant life.

### Land capability:

- To minimise the reduction of land capability.

### Sensitive landscapes:

- To protect sensitive landscapes from potential negative impacts.

### Surface environment - waste management:

- To ensure that the discarding of any waste material produced as a result of the proposed mining operation, including rubble, litter, garbage, rubbish or discards of any description, whether solid or liquid, takes place only at a site or sites demarcated for such purposes.
- To prevent waste material from being dumped within the borders or the vicinity of the Mining area.

### 8.3 Environmental awareness training.

(Describe the general environmental awareness training and training on dealing with emergency situations and remediation measures for such emergencies).

#### ENVIRONMENTAL AWARENES TRAINING PROGRAMME PROCEDURE

Natural resources are limited and not always renewable and it is the responsibility of management to ensure that all employees are trained to understand the impacts of their tasks on the environment and to reduce them wherever possible.

Environmental awareness training must be given to new employees on site and any contractors who may come onto site for a short period of time. Refresher training must be given to permanent employees on an annual basis.

The objective of this procedure is to ensure that all employees on the, including contractors, are competent to perform their duties, thereby eliminating negative impacts on their safety, health and the environment.

The Environmental topics to be covered in awareness training should include the following:

#### • **RESOURCE MANAGEMENT**

- a. The importance of saving water
  - i. South Africa is a water scarce country and rivers are polluted
  - ii. Do not throw litter into river or water drains
  - iii. Do not dispose of oils in sewers
- b. Air pollution - Climate change
  - i. The use of fossil fuels is increasing the amount of greenhouse gases that are discharged to the atmosphere. Share transport or use public transport
  - ii. Don't burn any rubbish, the smoke pollutes the air
  - iii. Plant trees, they clean the air, provide us with oxygen and remove the greenhouse gas carbon dioxide from the air.
- c. Soil conservation
  - i. Prevent overgrazing of farmlands, keep vegetation on the surface of the land to prevent soil erosion
  - ii. Plant trees

#### • **HAZARDOUS SUBSTANCE USE AND STORAGE**

- a. Solvents, petrol, diesel, insecticides, chlorine, detergents, chemical fertilisers are harmful to the environment and to your health. Use them sparingly and do not let them get into the water systems. Containers must be disposed of to a licensed hazardous waste disposal facility
- b. Hazardous substances must be stored and used correctly
- c. Ensure that 16 point Material Substances Safety Data Sheets (MSDS) are available at point of store
- d. Compressed gas storage requirements
- e. Flammable substances store requirements

#### • **INCIDENT & EMERGENCY REPORTING**

- a. The company must have an emergency / incident reporting system whereby environmental incidents can be reported and actioned to mitigate and follow up on.

- **OIL / DIESEL/ PETROL SPILL CLEAN UP**

- a. All employees who work with machines and vehicles must be instructed how to prevent and clean up an oil or diesel spill appropriately. Spill kits must be available on site, drip trays must be used when servicing vehicles

- **CONSERVATION OF WATER**

- d. Campaign to save water on site
- e. Clean water is expensive and potable water must be used carefully
- f. Prevent pollution of water by preventing spills and dispose of wastes properly

- **CONSERVATION OF VEGETATION**

Plants, grasses and trees are very important to our existence on the earth, they provide food, fuel, shelter, raw materials and they clean the air. Indigenous plants are especially important for muti and the whole ecology of life. Human activities are destroying the natural forests of the earth. The natural forests are the "lungs" of the planet and unfortunately they are being cleared faster than they can be regenerated.

- a. EIA's are to be done before virgin bush can be cleared
- b. Vegetation cover reduces water and topsoil loss from the ground, do not clear vegetation unnecessarily
- c. Indigenous trees provide shade, attract wild birds
- d. Do not chop down indigenous trees without good reason
- e. Implement a tree planting programme
- f. Remove alien invasive trees in your area such as Prosopis, Syringa and Pepper trees, cactus plants.

- **WASTE MANAGEMENT**

- a. Employees must be instructed on how to tell the difference between hazardous waste and general waste
- b. They must know how to separate hazardous and general waste and where to dispose of these wastes in the correct way
- c. Examples of hazardous waste which must be recycled or sent to Waste Tech for disposal:
  - i. Oil, diesel, batteries, acids, paint, thinners, electronic waste
  - ii. Pesticides, jik, handy Andy
  - iii. Old oil, old oil filters, old paint is hazardous and must not be disposed of to a general land fill. Oilkol of the Rose Foundation will collect old oil.
  - iv. Mercury in fluorescent light bulbs is hazardous, fluorescent lights must be handled with great care so as not to break the glass and release the mercury vapour into the air which you breathe.
- d. Examples of general wastes which can go to the municipal landfill:
  - v. Wood, paper, plastic, glass, old PPE
- e. Recycle, Reuse, Reduce, Recover where ever possible

- **CONCLUSION**

The management of Westinryk will utilize the Environmental Awareness Plan to assure that all employees and contractors are aware of the environment and know how to manage it correctly.

**9 SECTION 39 (4) (a) (iii) of the Act: Capacity to rehabilitate and manage negative impacts on the environment.**

**9.1 The annual amount required to manage and rehabilitate the environment.**

(Provide a detailed explanation as to how the amount was derived)

The annual cost to manage and rehabilitate the environment was calculated to R360 532-30.

**9.2 Confirmation that the stated amount correctly reflected in the Mining Work Programme as required.**

It is hereby confirmed that the amount is correctly reflected in the Mining Work Programme as required.

**10 REGULATION 52 (2) (h): Undertaking to execute the environmental management plan.**

Herewith I, the person whose name and identity number is stated below, confirm that I am the person authorised to act as representative of the applicant in terms of the resolution submitted with the application, and confirm that the above report comprises EIA and EMP compiled in accordance with the guideline on the Departments official website and the directive in terms of sections 29 and 39 (5) in that regard, and the applicant undertakes to execute the Environmental management plan as proposed.

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Full Names and Surname</b> | Albert Johannes Jansen Van Rensburg |
| <b>Identity Number</b>        | 430620 5028 001                     |

**-END-**

**MIYERVA**  
**DENS:** 4 silk meent-  
 huis, 2 bedk met  
 dubbel afdak, lapa  
 met binnebraai, lug-  
 versorg. R7,800 per  
 maand. Kontak Jo-  
 hann Kriek 083-321-  
 8707.

**BRANDERBURY** R2 200  
 1 Bed, 1 bath.  
**CRD** R2 200  
 1 Bed, 1 bath.  
**DE ANNE** R1 200  
 1 Bed, 1 bath.  
**LISSBACH** R1 200  
 1 Bed, 2 bath.  
**LISSBACH** R1 200  
 Fully furnished flat.  
**SMITHS** R2 200  
 1 Bed, 1 bath.  
**ALBA PARK** R2 200  
 7/1000, 1 Bed, 1 bath.  
**ALBA PARK** R1 200  
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**WHEAT** R1 200  
 1 Bed, 1 bath.  
 And many more  
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 Fax: 082-448-0950  
 Lekker 082-448-1827

Bachelor flat with D.C.  
 kitchen, bath, carpet.  
 W&L and DSTV included.  
**Rivers:** R11 900 pm  
 3 Bed house with 2 bath,  
 living-r., dining-r., kitchen,  
 study, laundry, SQ, alarm,  
 electric fencing, double  
 garage.

**Bathurst Road** - R27 500 pm  
 440 m<sup>2</sup> Office space.  
**Hadison Park** - R17 600 pm  
 245 m<sup>2</sup> Office space.  
**CBD** - R11:000 pm  
 145 m<sup>2</sup> Third floor office  
 space.  
**CBD** - R10 000 pm,  
 144 m<sup>2</sup> Fifth floor office  
 space.  
**CCMA** - R20 000 pm  
 400 m<sup>2</sup> First floor office  
 space.  
**Kindurba** - R12 100 pm  
 Big store-room with 2  
 offices and separate  
 building with 2 offices  
 and bath, 4 undercover  
 parkings.  
**Kindurba** - R12 100 pm  
 5 Offices, big reception  
 area, 2 bath, 4 under-  
 cover parkings.  
**CBD** - R36 900 pm  
 420 m<sup>2</sup> @ R90 m<sup>2</sup>.  
**Hadison Park** - R5 643 pm  
 Shop to let.  
**Beaconsfield** - R4 386 pm  
 180 m<sup>2</sup> Store space.  
**Beaconsfield** - R13 660 pm  
 2 100 m<sup>2</sup> Open space.

**Alex Thornhill Properties**  
 (083) 638-6800

**Alex Thornhill Properties**  
 (083) 638-6800

**ULGRAVA** R1 700 000  
**NEW-RELEASE SOLE MANDATE**  
 Old meets new. Spacious 4 bed home with full  
 bath, lounge, dining room, TV room and study  
 nook, open-plan kitchen. PLUS: 1 bedroom flat,  
 pool. PLUS: PLUS: PLUS:  
 Please phone Arne - 082-550-1881

**SOLE MANDATES**  
**NEW HILLORET** R2 650 000  
**MOON VALLEY**  
 Low-maintenance, face-brick home with 4 bed, 4  
 bath, pool, double garage, bar, braai, staff accom-  
 modation. PLUS ALL THE EXTRAS WAITING  
 FOR YOU!

**HILLORET** R2 550 000  
**STAFF FAMILY HOME - NEW RELEASE**  
 Well loved and cared for home with 5 bed, 3 bath,  
 modern granite kitchen, entertainment area.  
 Double garage + double carport.  
 Please phone Curtis - 082-417-8670

27 August 2014

DEA

**LAASHUIS** R 4 400  
 1 km buite KBY. 4 Slaapkamer plaashuis met 2  
 kamers. Verskeie leefvertreke.

**LAASHUIS** R 3 180  
 1 km buite Kby. 3 slaapkamer, enkel badkamer  
 aashuis. Lieflike tuin.

**RNESTVILLE** R 3 850  
 2 etiese 1 slaapkamer tuinwoonstel. Klein tuin,  
 opkrag en water ingesluit. Onderdak parking.

**MARCHYSTRAAT** R 8 890  
 19 m<sup>2</sup> netjiese kantoorspasie beskikbaar.

**KLISSERVILLE** R 4 000  
 etjiese eenman woonstel, gemeubileerd met  
 later en krag ingesluit. Onderdak parking.  
 eskikbaar 1 Oktober 2014

**SASSANDRA** R 3 150  
 ruim 1 slaapkamer tuin woonstel met enkel  
 badkamer. Dopplan kombuis met leefvertrek.  
 bakpkrag. Water ingesluit. Opsie om te meubeleer.

**KLISSERVILLE** R 4 800  
 1 slaapkamer, tuinwoonstel met klein erf. On-  
 derdak parking. Koopkrag. Water ingesluit.

**RHODESEDENE** R 5 000  
 1 slaapkamer tuinwoonstel met enkel badkamer.  
 loopkrag. Water ingesluit. Loopafstand vanaf  
 rhodesdene Pick n Pay.

**BSK**  
 verskeie kantoorspasies beskikbaar

**ASHBURNHAM**  
 Pakhuise beskikbaar. Skakel gerus vir verder  
 infor.

**RHODESEDENE** R 4 200  
 Ruim 1 slaapkamer 1 badkamer tuinwoonstel.  
 loopkrag. Water ingesluit. Afdak

**MOUNT CURTIS** R 6 270  
 3 slaapkamer, 1 en 1/2 badkamer wooneenheid.  
 Met kombuis, leefvertrek en stoep area. Sentraal  
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Call  
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**Legals & Tenders**

**WESTINRYK DELWERVE CC**  
**ACCEPTANCE OF MINING PERMIT APPLICATION**  
 In terms of Section 27(1) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), the Department of Mineral Resources has accepted an application by Westinryk Delwerye CC to mine for Diamonds on a Portion of Erf 976, Erf 977 and Erf 1206 Prieska on 4,73 ha located in the Prieska district, Northern Cape Province.  
 Any interested or affected parties are hereby invited to register as such and any objections or inputs should be lodged, in writing, to the consultants mentioned below, by no later than 22 September 2014, for attention to:  
 Mr. WJOosthuizen  
 PO Box 110823  
 Hadison Park  
 Kimberley  
 8306  
 Tel 082-870-9973  
 Email woosthuizen950@gmail.com

**Legals & Tenders**

|                           |                            |                          |                              |                            |                             |                            |
|---------------------------|----------------------------|--------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|
| <br>Agnie<br>082-821-9888 | <br>Herman<br>082-482-7584 | <br>Belt<br>081-602-7611 | <br>Annatjie<br>082-349-2896 | <br>Stoney<br>083-485-6819 | <br>Martene<br>074-715-4799 | <br>Helsen<br>082-832-7909 |
|---------------------------|----------------------------|--------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|

|  |  |  |  |  |   |  |   |
|--|--|--|--|--|---|--|---|
| <b>10 000</b><br>3 Bed, 2 Bath, 2 Living areas, 2 balconies.<br>082-821-9888 | <b>New Park - R840 000</b><br>2 Bedrooms, 2 bathrooms, TV/living-room, air-cons.<br>Opportunity written all over this property!<br>Bats 084-602-7611 | <b>Alba Park - R1 220 000</b><br>3 Bedrooms, 2 bathrooms, 2 garages, open-plan.<br>BRAND NEW!<br>Annatjie 082-349-2896 | <b>Rondebosch - R380 000</b><br><b>NEAT, COSY HOME!</b><br><b>IDEAL FOR BEGINNERS!</b><br>Offering 2 bedr, lounge, kitchen and 1 bedr.<br>Martene 074-715-4799 | <b>CBD - R470 000</b><br>1 bedroom flat, 1 bathroom, large living area, kitchen, dining, balcony.<br>Neat as a pin. FANTASTIC OPPORTUNITY FOR INVESTORS OR FIRST TIME BUYERS.<br>Stoney 083-485-6819 | <b>New Park - R950 000</b><br>3 Bedr, 2 bathr, open-plan, 1 x garage, municipal electricity | <b>EL FOR DEVELOPERS</b><br>OPPORTUNITY! Over 9 000 m <sup>2</sup> . Municipal approval for business | <b>Wynburg - R5 210 000</b><br>4 Bedr, 3 bathr, 2 living areas, 3 carports, lanuzzi plus 1 bedr flat. |
|--|--|--|--|--|---|--|---|

PLACING A CLASSIFIED AD HAS NEVER BEEN EASIER!



Datum / Date: 25 August 2014

Westinryk Delwerye CC

PO Box 564

Jan Kempdorp

8550

J Van der Westhuizen

excelsior.prieska@gmail.com

Geagte/Dear Mnr./Mr./Mev./Mrs.

**KENNISGEWING AAN EN RAADPLEGING MET GRONDEIENAARS, WETTIGE OKKUPEERDERS EN ANDER GEAFFEKTEERDE PARTYE IN VERBAND MET 'N MYNPERMIT AANSOEK / CONSULTATION WITH OWNERS, LAWFUL OCCUPIERS, INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A MINING PERMIT:**

**PORSIE VAN ERF 976,977 EN ERF 2016 PRIESKA/PORION OF ERF 976,977 AND ERF 1206 PRIESKA**

Ons stel u graag hiermee in kennis dat Westinryk Delwerye CC ("Die Applikant") aansoek gedoen het vir 'n Mynpermit vir Diamante ten opsigte van die bogenoemde eiendom in die Landdrostrik van Jan Kempdorp, Noord Kaap Provinsie soos aangedui op die aangehegte kaart.

Die aansoek is ingedien by die Streekbestuurder, Departement Minerale Hulpbronne ("DMR") Geleë te Mabijastraat 65 P, Kimberley, 8301 met Kontaknommer 053-8071700.

Die genoemde aansoek is aanvaar op 30 Julie 2014 onder verwysingsnommer NC 30/5/1/3/2/10404 MP en die voorgeskrewe Omgewingsbewaringsplan sal ingedien word voor of op 24 Oktober 2014. Dit neem die DMR gewoonlik ongeveer ses maande vanaf datum van aanvaarding van die aansoek om 'n Mynpermit toe te staan of te weier.

Ons ontvang graag u kommentaar ten

We are pleased to inform you that Westinryk Delwerye CC ("The applicant") has submitted an application for a Mining Permit for Diamonds in respect of the above mentioned farm situated in the Magisterial District of Jan Kempdorp, Northern Cape Province as indicated on the attached map.

The application was submitted to the Regional Manager, Department of Mineral Resources ("DMR") situated at 65 P Majiba Street, Kimberley, 8301 with contact number 053-8071700.

The Mentioned application was accepted on 30 July 2014 under reference number NC 30/5/1/3/2/10404 MP and the prescribed Environmental Management Plan will be submitted on or before 23 October 2014. The granting or refusal process of the DMR usually takes approximately six months from date of acceptance.

We hereby invite you to comment on the

opsigte van die applikant se aansoek op die genoemde eiendom en sluit vir daardie doeleindes hierby in 'n vorm om voltooi te word en aan ons teruggestuur te word binne 14 dae na ontvangs daarvan. Ingeval ons niks van u verneem in hierdie tydperk nie sal aanvaar word dat u geen beswaar het teen die toestaan van die Mynpermit aan die applikant deur die DMR nie. Hierby aangeheg is ook 'n kaart van die eiendom met die detail van die beplande operasie.

Indien u verlang dat u in persoon besoek word ten einde die Prospekterreg aansoek te bespreek moet u ons asseblief onverwyld skakel, waarna so 'n besoek gereël sal word.

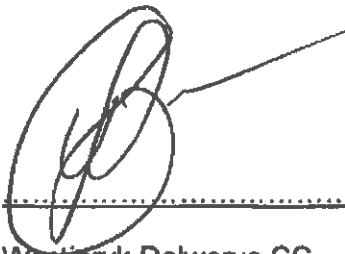
U is dan ook welkom om ons aangestelde konsultant te kontak of om u kommentaar/besware te e-pos te stuur na Mnr W. Oosthuizen by [woosthuizen950@gmail.com](mailto:woosthuizen950@gmail.com) of te skakel by 082 870 9973.

above application and we attach for your convenience a comment form. Should be not receive your comments within 14 days from the day of receipt of this letter, it will be accepted that you have no objection to the issuing of the Mining Permit to the applicant. Attached to this letter is a map for the property containing details of the planned operations.

We also invite you to contact us should you wish to arrange for a meeting in order to discuss the application.

You are also welcome to forward any comments to our appointed consultants on e-mail, for attention Mr. W. Oosthuizen on [woosthuizen950@gmail.com](mailto:woosthuizen950@gmail.com) or you can contact him on 082 870 9973.

Die uwe / Yours faithfully



Westinryk Delwerye CC

Please forward this page with comments to woosthuizen950@gmail.com/  
Stuur asb. die bladsy met kommentaar na woosthuizen950@gmail.com

**Developer: Westinryk Delwerye CC**

The following comments and/or concerns were received from/Die volgende  
kommentaar was ontvang vanaf:

Name and surname/Naam en Van: .....

Designation/Posisie : .....

Institution/Instansie: .....

Address/Adres: .....  
.....  
.....

Contact Number/ Kontak nr: .....

Comments/Kommentaar:  
.....  
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.....  
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.....

.....  
Signature/Handtekening

.....  
Date/Datum

**APPLICANT:  
WESTENRYK DELWERY  
(PTY) LTD**

DESCRIPTION OF LAND UNDER  
APPLICATION FOR A

**MINING PERMIT**

IN TERMS OF REGULATION 2(2)  
OF THE MPRDA, ACT 28 OF 2002

**NORTHERN CAPE PROVINCE  
ADMINISTRATIVE DISTRICT:  
PRIESKA**

THE FIGURE A LETTERED A - D  
REPRESENTS THE MINING AREA  
WHICH CONSISTS OF

A PORTION OF ERF 976, ERF 977  
AND ERF 1206, PRIESKA

IN EXTENT: 4,73 Ha

MAP SCALE: 1:5,000  
LOCALITY MAP: 1:110,000  
OVERVIEW MAP: 1:45,000

**Legend**

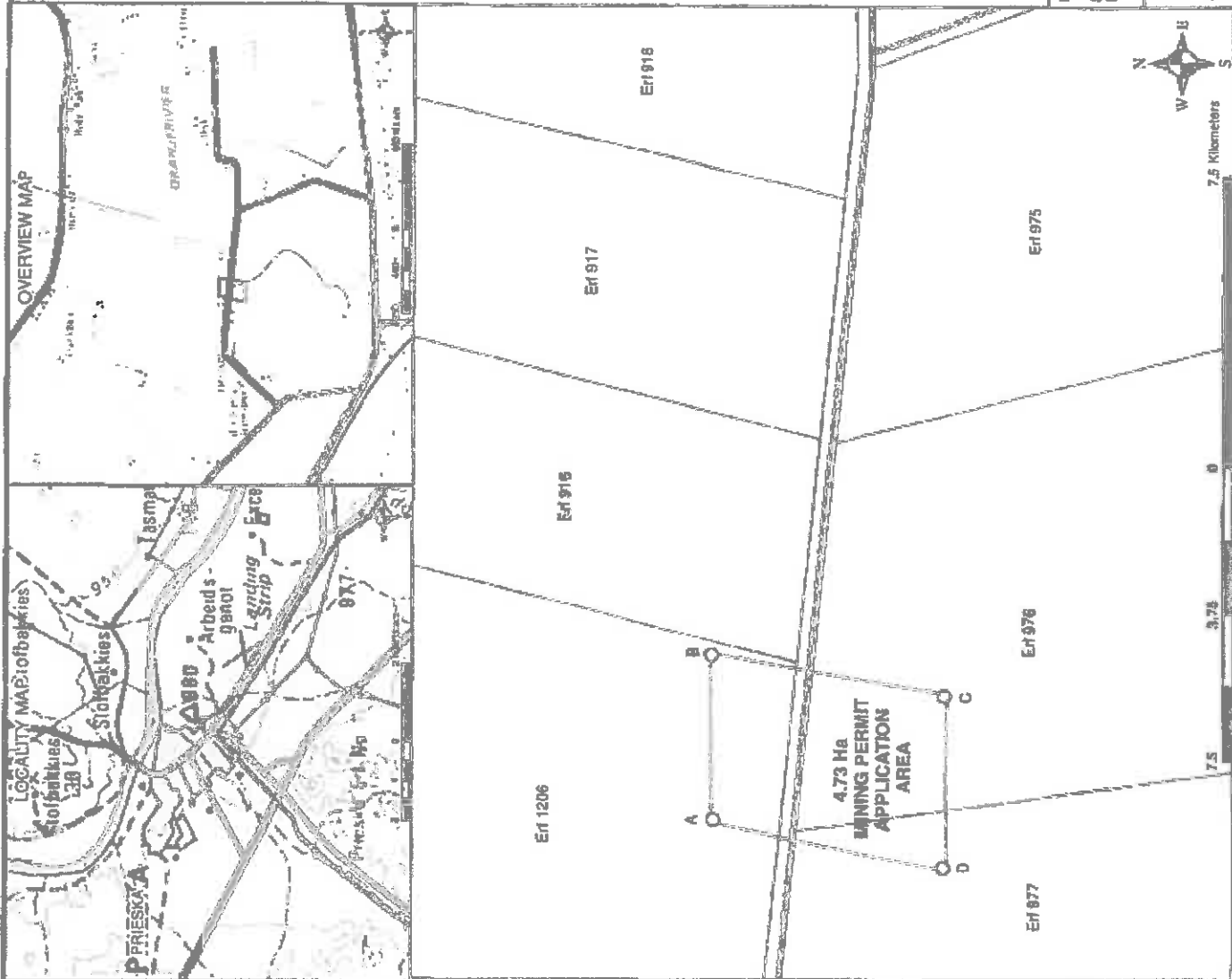
-  Westenryk MP area
-  Railways
-  Roads

DRAWN BY: JH POSTHUMUS  
CERTIFIED BY: JH POSTHUMUS - GIS&C TECHNICIAN

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

FNS No: GT 0916  
JH POSTHUMUS - GIS&C TECHNICIAN - Tel: 27827875819

MPT NUMBER:



| COORDINATES |            |
|-------------|------------|
| LONG        | LAT        |
| A 22.801075 | -29.684234 |
| B 22.802836 | -29.684222 |
| C 22.802405 | -29.686673 |
| D 22.800556 | -29.686671 |

SURVEY SYSTEM: TRANSVERSE MERCATOR  
CENTRAL MERIDIAN: 23°  
GCS\_WGS\_1984  
DATUM: D\_WGS\_1984

MAP: NEW FARM BOUNDARIES  
(SURVEYOR GENERAL DATA)

WGS2922DB

NAME OF APPLICANT: Westenryk Delwery (Pty) Ltd  
SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

PLAN APPROVED:  
REGIONAL MANAGER NORTHERN CAPE PROVINCE  
SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_



Datum / Date: 25 August 2014

Westinryk Delwerye CC

PO Box 565

Jan Kempdorp

8550

B. Cilliers

Plaas Brandwag

Prieska

8940

bob.brandwag@gmail.com

Geagte/Dear Mnr./Mr./Mev./Mrs.

**KENNISGEWING AAN EN RAADPLEGING MET GRONDEIENAARS, WETTIGE OKKUPERDERS EN ANDER GEAFFEKTEERDE PARTYE IN VERBAND MET 'N MYNPERMIT AANSOEK / CONSULTATION WITH OWNERS, LAWFUL OCCUPIERS, INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A MINING PERMIT:**

**PORSIE VAN ERF 976,977 EN ERF 2016 PRIESKA/PORION OF ERF 976,977 AND ERF 1206 PRIESKA**

Ons stel u graag hiermee in kennis dat Westinryk Delwerye CC ("Die Applikant") aansoek gedoen het vir 'n Mynpermit vir Diamante ten opsigte van die bogenoemde eiendom in die Landdrostrik van Jan Kempdorp, Noord Kaap Provinsie soos aangedui op die aangehegte kaart.

Die aansoek is ingedien by die Streekbestuurder, Departement Minerale Hulpbronne ("DMR") Geleë te Mabijastraat 65 P, Kimberley, 8301 met Kontaknommer 053-8071700.

Die genoemde aansoek is aanvaar op 30 Julie 2014 onder verwysingsnommer NC 30/5/1/3/2/10404 MP en die voorgeskrewe Omgewingsbewaringsplan sal ingedien word

We are pleased to inform you that Westinryk Delwerye CC ("The applicant") has submitted an application for a Mining Permit for Diamonds in respect of the above mentioned farm situated in the Magisterial District of Jan Kempdorp, Northern Cape Province as indicated on the attached map.

The application was submitted to the Regional Manager, Department of Mineral Resources ("DMR") situated at 65 P Majiba Street, Kimberley, 8301 with contact number 053-8071700.

The Mentioned application was accepted on 30 July 2014 under reference number NC 30/5/1/3/2/10404 MP and the prescribed Environmental Management Plan will be

voor of op 24 Oktober 2014. Dit neem die DMR gewoonlik ongeveer ses maande vanaf datum van aanvaarding van die aansoek om 'n Mynpermit toe te staan of te weier.

Ons ontvang graag u kommentaar ten opsigte van die applikant se aansoek op die genoemde eiendom en sluit vir daardie doeleindes hierby in 'n vorm om voltooi te word en aan ons teruggestuur te word binne 14 dae na ontvangs daarvan. Ingeval ons niks van u verneem in hierdie tydperk nie sal aanvaar word dat u geen beswaar het teen die toestaan van die Mynpermit aan die applikant deur die DMR nie. Hierby aangeheg is ook 'n kaart van die eiendom met die detail van die beplande operasie.

Indien u verlang dat u in persoon besoek word ten einde die Prospekterreg aansoek te bespreek moet u ons asseblief onverwyld skakel, waarna so 'n besoek gereël sal word.

U is dan ook welkom om ons aangestelde konsultant te kontak of om u kommentaar/besware te e-pos te stuur na Mnr W. Oosthuizen by [woosthuizen950@gmail.com](mailto:woosthuizen950@gmail.com) of te skakel by 082 870 9973.

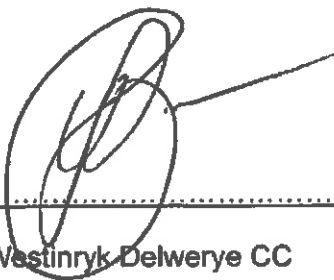
submitted on or before 23 October 2014. The granting or refusal process of the DMR usually takes approximately six months from date of acceptance.

We hereby invite you to comment on the above application and we attach for your convenience a comment form. Should be not receive your comments within 14 days from the day of receipt of this letter, it will be accepted that you have no objection to the issuing of the Mining Permit to the applicant. Attached to this letter is a map for the property containing details of the planned operations.

We also invite you to contact us should you wish to arrange for a meeting in order to discuss the application.

You are also welcome to forward any comments to our appointed consultants on e-mail, for attention Mr. W. Oosthuizen on [woosthuizen950@gmail.com](mailto:woosthuizen950@gmail.com) or you can contact him on 082 870 9973.

Die uwe / Yours faithfully



1

Westinryk Delwerye CC

**Please forward this page with comments to woosthuizen950@gmail.com/**  
**Stuur asb. die bladsy met kommentaar na woosthuizen950@gmail.com**

**Developer: Westinryk Delwarye CC**

The following comments and/or concerns were received from/Die volgende  
kommentaar was ontvang vanaf:

Name and surname/Naam en Van: .....

Designation/Posisie : .....

Institution/Instansie: .....

Address/Adres: .....  
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Contact Number/ Kontak nr: .....

Comments/Kommentaar:  
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Signature/Handtekening

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Date/Datum

**APPLICANT:  
WESTENRYK DELWERY  
(PTY) LTD**

DESCRIPTION OF LAND UNDER  
APPLICATION FOR A

**MINING PERMIT**

IN TERMS OF REGULATION 2(C)  
OF THE MPRDA, ACT 28 OF 2002

**NORTHERN CAPE PROVINCE  
ADMINISTRATIVE DISTRICT:  
PRIESKA**


THE FIGURE A LETTERED A - D  
REPRESENTS THE MINING AREA  
WHICH CONSISTS OF

A PORTION OF ERF 976, ERF 977  
AND ERF 1206, PRIESKA

IN EXTENT: 4.73 Ha

MAP SCALE: 1:5,000  
LOCALITY MAP: 1:110,000  
OVERVIEW MAP: 1:45,000

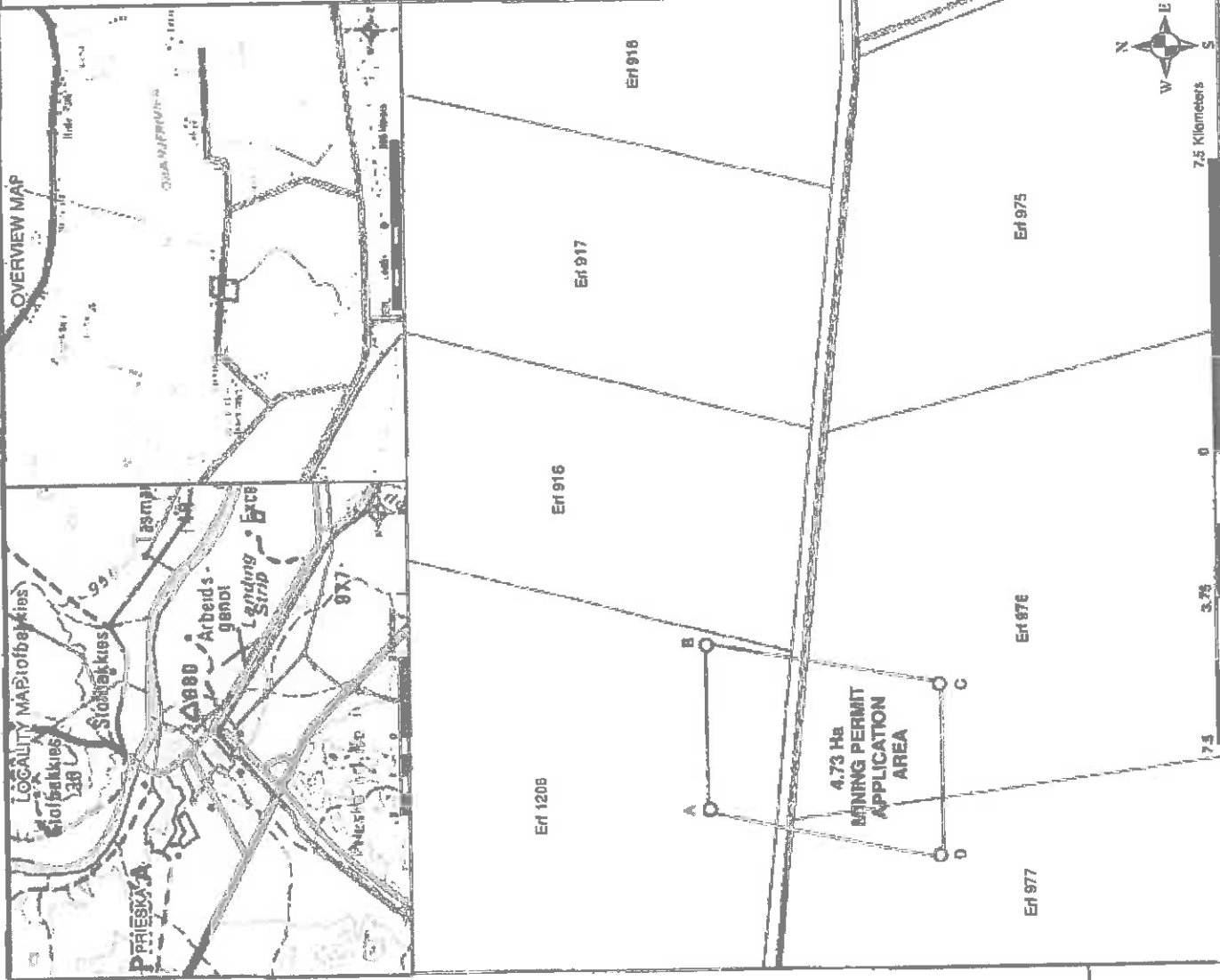
**Legend**

-  Westernryk MP area
-  Railways
-  Roads

DRAWN BY: JH POSTHUMUS  
CERTIFIED BY: JH POSTHUMUS - GISc TECHNICIAN

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

PMS No: GT 0816  
JH POSTHUMUS - GISc TECHNICIAN - Tel: 278276759 19



MPT NUMBER:

| COORDINATES |            |
|-------------|------------|
| LONG        | LAT        |
| A 22.801075 | -29.684234 |
| B 22.802836 | -29.684222 |
| C 22.802405 | -29.686673 |
| D 22.800556 | -29.686671 |

SURVEY SYSTEM: TRANSVERSE MERCATOR  
CENTRAL MERIDIAN: 23°

GCS\_WGS\_1984

DATUM: D\_WGS\_1984

MAP: NEW FARM BOUNDARIES  
(SURVEYOR GENERAL DATA)

WGS2922DB

NAME OF APPLICANT: Westenryk Delwery  
SIGNED: [Signature]  
DATE: 13/11/16

PLAN APPROVED:  
REGIONAL MANAGER NORTHERN CAPE PROVINCE

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_



7.5 Kilometers





Willie Oosthuizen <woosthuizen950@gmail.com>

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**Geïnteresseerde en geïmpakteerde party skakeling: Westinryk Delwerye  
CC - Mynpermit aansoek**

1 message

---

Willie Oosthuizen <woosthuizen950@gmail.com>

Tue, Aug 26, 2014 at 8:06 AM

To: bob.brandwag@gmail.com, Roelina Oosthuizen <roosthuizen950@gmail.com>, westinryk@telkomsa.net

Goediedag Mnr. Cilliers,

Ons gesprek gisteraand in bogenoemde verband verwys.

Aangeheg is die brief met die besonderhede en kaart van die beplande aansoek en operasie.

Ons sal dit waardeer as u die brief deurlees en dan die laaste bladsy voltooi met enige kommentaar en vir ons terug kan stuur na woosthuizen950@gmail.com. As u geen kommentaar of beswaar het nie - dui asb. dit so aan op die vorm. U kan dit ook faks na 053 833 7337.

As u enige vrae het is u ook welkom om my te skakel op 082 870 973

Groete

Willie Oosthuizen



IAPC B Cilliers Buurman 2.pdf  
821K

Datum / Date: 25 August 2014

Westinryk Delwerye CC

PO Box 566

Jan Kempdorp

8550

D Swartz

Plaas Harmonie

Prieska

8940

[danle.prieska@gmail.com](mailto:danle.prieska@gmail.com)

Geagte/Dear Mnr./Mr./Mev./Mrs.

**KENNISGEWING AAN EN RAADPLEGING MET GRONDEIENAARS, WETTIGE OKKUPERDERS EN ANDER GEAFFEKTEERDE PARTYE IN VERBAND MET 'N MYNPERMIT AANSOEK / CONSULTATION WITH OWNERS, LAWFUL OCCUPIERS, INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A MINING PERMIT:**

**PORSIE VAN ERF 976,977 EN ERF 2016 PRIESKA/PORION OF ERF 976,977 AND ERF 1206 PRIESKA**

Ons stel u graag hiermee in kennis dat Westinryk Delwerye CC ("Die Applikant") aansoek gedoen het vir 'n Mynpermit vir Diamante ten opsigte van die bogenoemde eiendom in die Landdrosdistrik van Jan Kempdorp, Noord Kaap Provinsie soos aangedui op die aangehegte kaart.

Die aansoek is ingedien by die Streekbestuurder, Departement Minerale Hulpbronne ("DMR") Geleë te Mabijastraat 65 P, Kimberley, 8301 met Kontaknommer 053-8071700.

Die genoemde aansoek is aanvaar op 30 Julie 2014 onder verwysingsnommer NC 30/5/1/3/2/10404 MP en die voorgeskrewe Omgewingsbewaringsplan sal ingedien word

We are pleased to inform you that Westinryk Delwerye CC ("The applicant") has submitted an application for a Mining Permit for Diamonds in respect of the above mentioned farm situated in the Magisterial District of Jan Kempdorp, Northern Cape Province as indicated on the attached map.

The application was submitted to the Regional Manager, Department of Mineral Resources ("DMR") situated at 65 P Majiba Street, Kimberley, 8301 with contact number 053-8071700.

The Mentioned application was accepted on 30 July 2014 under reference number NC 30/5/1/3/2/10404 MP and the prescribed Environmental Management Plan will be

voor of op 24 Oktober 2014. Dit neem die DMR gewoonlik ongeveer ses maande vanaf datum van aanvaarding van die aansoek om 'n Mynpermit toe te staan of te weier.

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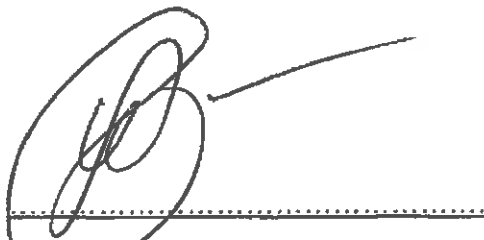
submitted on or before 23 October 2014. The granting or refusal process of the DMR usually takes approximately six months from date of acceptance.

We hereby invite you to comment on the above application and we attach for your convenience a comment form. Should be not receive your comments within 14 days from the day of receipt of this letter, it will be accepted that you have no objection to the issuing of the Mining Permit to the applicant. Attached to this letter is a map for the property containing details of the planned operations.

We also invite you to contact us should you wish to arrange for a meeting in order to discuss the application.

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Die uwe / Yours faithfully



Westinryk Delwerye CC

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Stuur asb. die bladsy met kommentaar na woosthuizen950@gmail.com

**Developer: Westinryk Delwerye CC**

The following comments and/or concerns were received from/Die volgende  
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Signature/Handtekening

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Date/Datum

**APPLICANT:  
WESTENRYK DELWERY  
(PTY) LTD**

DESCRIPTION OF LAND UNDER  
APPLICATION FOR A

**MINING PERMIT**

IN TERMS OF REGULATION 2(2)  
OF THE MPRDA, ACT 28 OF 2002

**NORTHERN CAPE PROVINCE  
ADMINISTRATIVE DISTRICT:  
PRIESKA**

THE FIGURE A LETTERED A - D  
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WHICH CONSISTS OF

A PORTION OF ERF 976, ERF 977  
AND ERF 1206, PRIESKA

IN EXTENT: 4.73 Ha

MAP SCALE: 1:5,000  
LOCALITY MAP: 1:110,000  
OVERVIEW MAP: 1:45,000

**Legend**

-  Westenryk MP area
-  Railways
-  Roads

DRAWN BY: JH POSTHUMUS  
CERTIFIED BY: JH POSTHUMUS - GIS & TECHNICIAN

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

PMS No: GT 0616  
JH POSTHUMUS - GIS & TECHNICIAN • Tel: 27827875819

MPT NUMBER:



| COORDINATES |            |
|-------------|------------|
| LONG        | LAT        |
| A 22.801075 | -29.684234 |
| B 22.802836 | -29.684222 |
| C 22.802405 | -29.686673 |
| D 22.800556 | -29.686671 |

SURVEY SYSTEM: TRANSVERSE MERCATOR  
CENTRAL MERIDIAN: 29°  
GCS WGS\_1984  
DATUM: D\_WGS\_1984

MAP: NEW FARM BOUNDARIES  
(SURVEYOR GENERAL DATA)

WGS2922DB

NAME OF APPLICANT: Westenryk Delwery  
SIGNED: \_\_\_\_\_  
DATE: 23/06/16

PLAN APPROVED:  
REGIONAL MANAGER NORTHERN CAPE PROVINCE

SIGNED: \_\_\_\_\_  
DATE: \_\_\_\_\_

# AGENDA – MEETING 09 September 2014

**Activity:** KENNISGEWING AAN EN RAADPLEGING MET GRONDEIENAARS, WETTIGE OKKUPEERDERS EN ANDER GEAFFEKTEERDE PARTYE IN VERBAND MET 'N MINING PERMIT AANSOEK / CONSULTATION WITH OWNERS, LAWFUL OCCUPIERS, INTERESTED AND AFFECTED PARTIES WITH REGARD TO AN APPLICATION FOR A MINING PERMIT :

**Place:** A portion of Erf 976, 977 and Erf 2016 Prieska

**Developer:** WESTINRYK DELWERYE PTY LTD

**Submission:** Ons stel u graag hiermee in kennis dat WESTINRYK DELWERYE CC ("Die Applikant") aansoek gedoen het vir 'n Myn Permit vir Diamante (alluviaal en algemeen) ten opsigte van die bogenoemde eiendom in die Landdrosdistrik van Prieska, Noord-Kaap Provinsie soos aangedui op die aangehegte kaart.

We are pleased to inform you that WESTINRYK DELWERYE CC ("The applicant") has submitted an application for a Mining Permit for Diamonds (alluvial and general), in respect of the above mentioned farm situated in the Magisterial District of Prieska, Northern Cape Province as indicated on the attached map.

|    |                           |       |
|----|---------------------------|-------|
| 1. | Welcome and Introduction  | 11h30 |
| 2. | Attendance Register       | 12h00 |
| 3. | Discussion / Presentation | 12h30 |
| 4. | Questions                 | 13h00 |
| 5. | Closure of the Meeting    | 13h30 |

**WESTINRYK DELWERYE CC**

**BACKGROUND INFORMATION DOCUMENT**

**Public participation process**

**NC30/5/1/1/2/10404 MP**

**WESTINRYK DELWERYE CC**

## BACKGROUND INFORMATION DOCUMENT

### 1. INTRODUCTION

Westinryk Delwerye CC have received notice of acceptance from the DMR in respect of their application for the Mining Permit for Diamonds on the following farm

- A portion of Erf 976, 977 and Erf 2016 Prieska

The proposed mining area falls within the District of Prieska, Northern Cape, Westinryk Delwerye CC is required to comply with the requirements of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 Of 2002), "MPRDA", in terms of section 10(1) (b) and section 27 (5)(b) of the MPRDA, the company is required to :

- o Submit online a copy of an Environmental Management Plan
- o To notify in writing and consult with the landowners (Traditional and Title Deed Owners), lawful land occupier, any other person (incl. adjacent and non-adjacent properties) those whose socio-economic conditions may be directly affected, local municipalities, relevant Government Departments and Agencies and submit the results of such consultation to the Department of Mineral Resources on or before 10 September 2014. Wadala Mining and Consulting (PTY) LTD have been appointed as the independent consultant to conduct the Public Participation Process as part of the Environmental Management Plan Process (EMP). As stipulated in terms of Section 27 (5) (b) (4) of the MPRDA (Act 28 of 2002), I&APs need to be notified and consulted with, as part of a Mining Permit Application (MPA).



## **2. Purpose of the background information document**

- The purpose of this document is:
- To notify potential stakeholders of the Mining permit application- Department of Mineral Resources Reference NC 30/5/1/1/2/10404 PR
- Provide background information regarding the proposed Mining permit for Westinryk Delwerye CC for a Period of 2 years.
- Invite potential stakeholders to register themselves as interested and affected parties and to raise issues of importance, share their input, comments and or concerns to inform the scope of studies that forms part of the Environmental Management Plan.
- To provide information on the initial environmental work to be done to meet requirements of the Environmental and Prospecting Legislative.
- To inform the Affected and Interested Parties of the requirements in terms of all Governing legislation.

Wadala Mining and Consulting (PTY) LTD seeks to gather comments, suggestions, issues and concerns of stakeholders.

## **3. A Brief Overview**

Wadala Mining and Consulting Pty Ltd lodged an application for Mining permit with the Department of Mineral Resources and the acceptance were received. Environmental Management Plan will be drafted and submitted to the Department of Mineral Resources.

### **Proposed activity description**

The mining activities are divided into three categories:

### **A. Compliance period**

This includes the investigation and studies done to compile and submit the EMP to the Department of Mineral Resources.

### **B. Operational period**

This includes the construction phase, operational and decommissioning phase

#### **Construction phase Westinryk Delwerye (PTY) LTD**

The proposed operation site will be established during this phase where by the dedicated areas will be demarcated. This phase will include erecting temporary structures, e.g. toilets and the construction of access roads and rotary pan plant.

During this phase consultation is required with the surface owners on the construction of temporary roads during the construction phase, as well as the routes to be used and mining machinery and vehicles.

The operational phase itself will have impacts on the environment and these impacts will have immediate effects (e.g. noise, dust and pollution). If the site is monitored on a continual basis during the operational phase, it is possible to identify these impacts as they occur. These impacts can then be mitigated.

#### **3.1 Foreseen Impacts**

**Air quality deterioration:** Dust generation through the use of access roads and tracks. Air pollution through vehicle entrainment is expected to be negligible due to the small scale of the project. Air pollution from exhaust fumes.

**Loss of topsoil:** Topsoil could be compacted and sterilised by movement of staff and vehicles (very limited area).

**Biodiversity:** Loss of natural vegetation and habitat for fauna (very small scale). Possible road kills and worker's harvesting of flora and fauna could also result in a loss of biodiversity.

**Noise:** Noise generated by the vehicles and prospecting equipment. This is particularly relevant to IAPs that reside in close proximity to the mining site and excavation location.

**Land use:** Loss of economic function of disturbed area during mining activities and potential loss of land capability post mining (very limited area)

#### **4. Decommissioning phase/ Closure Period:**

The decommissioning phase will only commence once all the prospecting is completed. During decommissioning all this phase all erected structures, e.g. chemical toilets, fences on demarcated areas, equipment, drill sites, excavation and access roads on permission of the surface owners will be rehabilitated to their previous state. Although rehabilitation will be done concurrently with the prospecting, filling of the final void and re-instatement of roads will be done after the completion of the prospecting operation.

#### **5 Who are the interested and affected parties?**

- Any person, company or authority that will be directly affected by the proposed prospecting activity can register as an interested and affected party (I&AP). This includes, but is not limited to landowners, tenants, municipal and provincial Government.
- As stipulated in section 27 of Act 28 of 2002 of the MPRDA, interested and affected parties, also often referred to as stakeholders, need to be notified and consulted with, as part of the application process for a mining permit. All identified potential stakeholders will be notified of the mining permit application and are requested to register themselves as interest and affected parties if they feel it is relevant.
- Interested and affected parties are invited to share their input, concerns, comments and or suggestions throughout the process. Please note that the

process is structured according to specific timeframes and we kindly request that you keep to the specified timeframes which will be communicated to registered interested and affected parties throughout the process. Input received will be included in the Consultation Report and EMP to be submitted to the Department of Mineral Resources

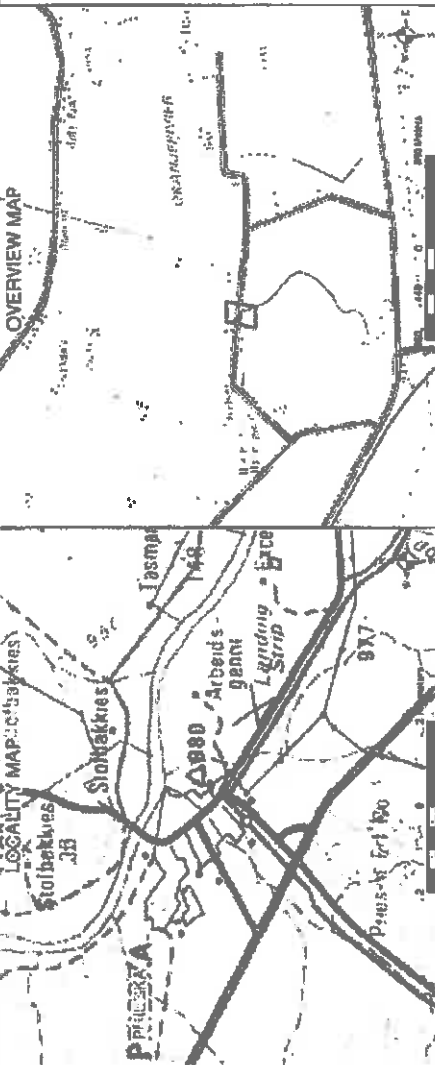
## 6. IMPORTANT

- Please contact Wadala Mining and Consulting (PTY) LTD register yourself as an interested and affected party on or before 10th September 2014.
- Only registered interested and affected party will receive further information and
- Notification regarding this Mining Permit application of Westinryk Delwery CC.

Kindly send your comments and or concerns, preferably in writing to Wadala Mining and Consulting (PTY) LTD, P.O. Box 110823, Hadisonpark, 8306 or by email to [woosthuizen950@gmail.com](mailto:woosthuizen950@gmail.com)

You are welcome to use the attached Registration and Comment sheet or to write a letter, email or send a fax to 053 833 7337.

MPT NUMBER:



| COORDINATES |            |
|-------------|------------|
| LONG        | LAT        |
| A 22.801075 | -29.684234 |
| B 22.802836 | -29.684222 |
| C 22.802405 | -29.686673 |
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SURVEY SYSTEM: TRANSVERSE MERCATOR  
 CENTRAL MERIDIAN: 23°  
 GCS\_WGS\_1984  
 DATUM: D\_WGS\_1984

MAP: NEW FARM BOUNDARIES  
 (SURVEYOR GENERAL DATA)

WGS2022DB

NAME OF APPLICANT: Westenryk Delwery  
 SIGNED: [Signature]  
 DATE: 17/1/14

PLAN APPROVED:  
 REGIONAL MANAGER NORTHERN CAPE PROVINCE  
 SIGNED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

THE FIGURE A LETTERED A - D  
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 A PORTION OF ERF 976, ERF 977  
 AND ERF 1206, PRIESKA  
 IN EXTENT: 4.73 Ha

MAP SCALE: 1:5,000  
 LOCALITY MAP: 1:110,000  
 OVERVIEW MAP: 1:45,000

**Legend**

- Westenryk MP area
- Railways
- Roads

DRAWN BY: JH POSTHUMUS  
 CERTIFIED BY: JH POSTHUMUS - GIS: TECHNICIAN  
 SIGNED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

PNS No: GT 0816  
 JH POSTHUMUS - GIS: TECHNICIAN - Tel: 27627875919



**CONSULTATION FOR COMMENTS AND CONCERNS BY INTERESTED AND AFFECTED PARTIES IN TERMS OF REGULATION 52(G) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002 (ACT 28 OF 2002)**  
**DEVELOPER: WESTINRYK DELWERYE CC**

**CONSULTATION MEETING/KONSULTASIE VERGADERING : PRIESKA**

The following comments and/or concerns were received from/Die volgende kommentaar was ontvang vanaf:

Name and surname/Naam en Van:

LANYK BOERDART (DANIE SWART)

Designation/Posisie :

BUURMAN

Institution/Instansie:

PRIVAAT.

Address/Adres:

HARMONIE

PRIESKA

8940

Contact Number/ Kontak nr:

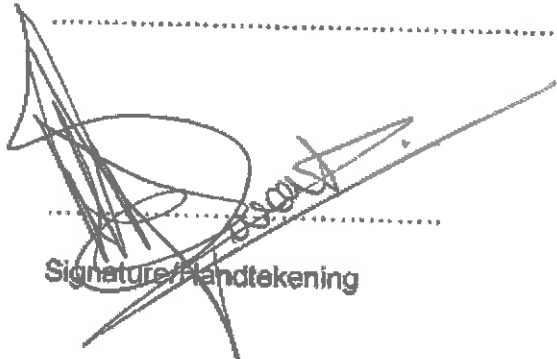
083 297 8356

Support Mining/  
Ondersteun Aansoek

Do not support Application/  
Maak beswaar teen Aansoek

Comments/Kommentaar:

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Signature/Handtekening

9/9/2014  
Date/Datum

**CONSULTATION FOR COMMENTS AND CONCERNS BY INTERESTED AND AFFECTED PARTIES IN TERMS OF REGULATION 52(G) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002 (ACT 28 OF 2002)**  
**DEVELOPER: WESTINRYK DELWERYE CC**

**CONSULTATION MEETING/KONSULTASIE VERGADERING : PRIESKA**

The following comments and/or concerns were received from/Die volgende kommentaar was ontvang vanaf:

Name and surname/Naam en Van: MSW Potgieter (Trustee)  
Designation/Posisie: Martel Trust  
Institution/Instansie: Oranje Oos Boudoir  
Address/Adres: Postbus 389  
Prieska  
8960

Contact Number/ Kontak nr: 079 8475039

Support Mining/ Ondersteun Aansoek  Do not support Application/ Maak beswaar teen Aansoek

Comments/Kommentaar:  
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MSW Potgieter  
Signature/Handtekening

9/9/14  
Date/Datum

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**CONSULTATION MEETING/KONSULTASIE VERGADERING : PRIESKA**

The following comments and/or concerns were received from/Die volgende kommentaar was ontvang vanaf:

Name and surname/Naam en Van: <sup>Bob</sup> R. A. GILLIERS. via P. R. A. GILLIERS

Designation/Posisie : Verreker

Institution/Instansie: Boerdery

Address/Adres: Postbus 257

Brandwag

Prieska

Contact Number/ Kontak nr: 0826956321

Support Mining/  
Ondersteun Aansoek



Do not support Application/  
Maak beswaar teen Aansoek



Comments/Kommentaar:

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Signature/Handtekening

Date/Datum



**CONSULTATION FOR COMMENTS AND CONCERNS BY INTERESTED AND AFFECTED PARTIES IN TERMS OF REGULATION 52(G) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002 (ACT 28 OF 2002)**  
**DEVELOPER: WESTINRYK DELWERYE CC**

**CONSULTATION MEETING/KONSULTASIE VERGADERING : PRIESKA**

The following comments and/or concerns were received from/Die volgende kommentaar was ontvang vanaf:

Name and surname/Naam en Van: A.H. Coetzee

Designation/Posisie : Landheer

Institution/Instansie: Witvliet

Address/Adres: Matielokke

box 410

Prieska

Contact Number/ Kontak nr: 077 403 8717

Support Mining/  
Ondersteun Aansoek

Do not support Application/  
Maak beswaar teen Aansoek

Comments/Kommentaar:  
Alles goed, slegs ooreenstemmende kommentaar.

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[Signature]  
Signature/Handtekening

09/09/14  
Date/Datum

**CONSULTATION FOR COMMENTS AND CONCERNS BY INTERESTED AND AFFECTED PARTIES IN TERMS OF REGULATION 52(G) OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002 (ACT 28 OF 2002)**  
**DEVELOPER: WESTINRYK DELWERYE CC**

**CONSULTATION MEETING/KONSULTASIE VERGADERING : PRIESKA**

The following comments and/or concerns were received from/Die volgende kommentaar was ontvang vanaf:

Name and surname/Naam en Van: John R. Bertha

Designation/Posisie: leier

Institution/Instansie: Boerdery Omgewings

Address/Adres: Boks 298

Prieska

Contact Number/ Kontak nr: 082 208 4129

Support Mining/  
Ondersteun Aansoek

Do not support Application/  
Maak beswaar teen Aansoek

Comments/Kommentaar:  
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Bertha  
Signature/Handtekening

9 9 2014  
Date/Datum

Excelsior Trust IT 80/99

Posbus 535

Prieska

8940

25 Augustus 2014

The Members

Westinryk Delwerye CC

Po Box 564

Jan Kempdorp

8550

**TOESTEMMING VIR DIE MYN VAN DIAMANTE: PORTION OF ERF 976, ERF 977 AND ERF 2016  
PRIESKA**

Ek Johannes Hendrik Van Der Westhuizen met ID nr 660312 5209 085 as die aangestelde persoon vir Excelsior Trust IT 80/99, die geregistreerde eienaar van bogenoemde eiendomme, gee hiermee toestemming aan Westinryk Delwerye CC om vir diamante te myn.

Enige navrae in bogenoemde verband kan aan my gerig word by bg. posadres of ek kan gekontak word op 082 820 0404. U kan my ook kontak per e-pos adres op [excelsior.prieska@gmail.com](mailto:excelsior.prieska@gmail.com).



Geregtigde persoon

Excelsior Trust IT80/99