

APPLICATION FOR MINING PERMIT

PORTION 8 OF THE VREYEGUNST FARM NO 440
DIVISION PAARL

Mine owner and operator:
Dirk Lochner Transport cc

VREYEGUNST SAND MINE

Representative:



PLANSCAPE cc
**CONSULTING TOWN AND
REGIONAL PLANNERS**

Martin Langenhoven
Pr. Pln. A/048/2007

Roeben Pienaar
C/8783/2018

❖
PO Box 557
Moorreesburg 7310
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❖
CC Reg: 2007/087087/23

July 2019

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1. INTRODUCTION

1.1 Applicant and consultants

Dirk Lochner Transport CC appointed Planscape to prepare and submit an application for a mining permit in terms of section 27(2) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)¹, for consideration by Department of Mineral Resources, in order to establish a sand mine.

The application is prepared and submitted in collaboration with Eco Impact Legal Consulting.

Dirk Lochner Transport cc, as detailed below, will be the mine owner and manager.

A copy of the power of attorney and company resolution are attached as annexure 6.1.

The completed application form for environmental authorisation in terms of the National Environmental Management Act, 1989 in respect of listed activities that have been triggered by an application in terms of the Mineral and Petroleum Resources Development Act, 2002, is attached as annexure 6.2.

1.2 Property details

Representative	Martin Langenhoven Planscape PO Box 557 Moorreesburg 7310 Cell: 0722026587 planscape@telkomsa.net
Mine owner and Mine manager	Dirk Lochner Transport cc. PO Box 1217 Wellington 7654 Tel: 0832618531 Fax: 0865715559
Registered owners	Marcal Homes CC
Property description	Portion 8 of Vreyegunst no 440, Division Paarl
LPI Code	C05500000000044000008
Extent	9.8207 ha
Title Deed	T9882/2019
Existing zoning	Agricultural zone

¹ As amended in terms of No. 49 of 2008: Mineral and Petroleum Resources Development Amendment Act, 2008.

There are no restrictive title conditions that adversely influence or prohibit the establishment of the proposed sand mine on the property.

Attached find the following annexure's:

- Annexure 6.3 – Copy of Title Deed
- Annexure 6.4 - Property diagram
- Annexure 6.5 – Company registration

2 SITE INFORMATION

2.1 Regional setting

The property is located approximately 15 kilometres west of Wellington, within the municipal jurisdiction of Drakenstein municipality.

The property can be accessed from Slent road (DR01123) located to the north-west of the property. (see annexure 6.6).

2.2 Surrounding land-use

The predominant land use in the surrounding area is agriculture and includes irrigated wine grapes, olives, citrus and vegetables.

Slent road separates the application property from the neighbouring farms to the north west where an egg production facility is found.

Further to the north east, closer to the Paardeberg, various wine cellars are found. (see annexure 6.7).

2.3 Land-use on site

The property is used for irrigated vegetable production and is not developed with any infrastructure such as a farmhouse's, sheds and labourer cottages that are usually associated with this land use (see annexure 6.8).

3 APPLICATION DETAIL

The applicant seeks permission to establish a dry-pit sand mine on the property. The extent of the mining area is depicted in annexure 6.9. The mining area in total is 5ha in extent.

Mine area coordinates:

Coordinate			
C1	Lat:	33°38'32.91"S	-33.642474°
	Long:	18°49'25.47"E	18.823742°
C2	Lat:	33°38'35.27"S	-33.643131°
	Long:	18°49'29.92"E	18.824978°
C3	Lat:	33°38'41.34"S	-33.644817°
	Long:	18°49'25.10"E	18.823638°
C4	Lat:	33°38'36.60"S	-33.643499°
	Long:	18°49'16.71"E	18.821307°
C5	Lat:	33°38'34.08"S	-33.642801°
	Long:	18°49'18.70"E	18.821862°

In order to determine the depth of the sand a total of 11 trail holes were dug at locations indicated on the attached map (annexure 6.10).

The average depth of mineable sand spread over the **mine area** (5ha) is estimated to be ± 41 cm deep.

The results are summarised in the table below:

Trail hole	Total sand depth (cm)	Mineable thickness of sand (-50cm)
1	60	10
2	80	30
3	90	40
4	90	40
5	90	40
6	90	40
7	90	40
8	100	50
9	100	50
10	100	50
11	110	60
Average over mine area	± 91	± 41

The underlying geology of the area is mainly Quaternary quartz sand of the Springfontein Formation, largely covering greywacke and phyllite of the Moorreesburg formation, Malmesbury group. Occasional granite outcrops and ferricrete occur. The soils have a slightly darker topsoil horizon underlain by bleached, light coloured sand, and are of the Kroonstad 1000 soil family, as classified by the South African soil classification system

The soils are limited by the low clay content and leaching of the upper soil horizons and therefore have a low water and nutrient holding capacity. As a result, they have a low to medium agricultural potential, and are rated between 4 and 5 out of 10 according to the system used by Western Cape soil scientists.

The land capability of the investigated area varies between land capability evaluation values of 8 and 9. The site is suitable for cultivation but is limited by the low water holding capacity of the sandy soil. Although wine grapes are cultivated in the area, the particular soils of the application area are not considered to have sufficient potential for quality wine production. They are too leached and sandy, and therefore do not have sufficient buffer capacity and water holding capacity for quality wine production. The future agricultural potential of the zone, Cape Town Winelands is rated as remaining high as long as dams fill up

The total volume of mine-able sand on the mining area is conservatively estimated to be $\pm 20\,500\text{m}^3$.

The mine must be operated in such a way that once sand resources are removed and the mine is closed, the site can be used for agricultural activities. The landowner farms citrus on the neighbouring farm, in similar soils that have previously been mined. He intends to plant citrus on this farm as well, after sand mining. The motivation to change from vegetables is due to water scarcity as the deep sandy soils are less water efficient than shallower sands where water is not as easily lost below the root zone.

Attached find as annexure 6.11 a preliminary mining layout plan depicting the phased mining operation and concurrent rehabilitation sequence.

The mining operator will first remove the topsoil layer (50cm) from block 1 and stockpile it on the to be mined block 2. The mineable sand will then be removed from block 1, up to the underlying clay layer, by a front-end loader and loaded onto tip-trucks.

When all mineable sand is removed from block 1, the stockpiled topsoil on block 2 is removed and immediately placed on block 1, leaving 50cm topsoil above the clay gravel layer.

Removal of topsoil from block 2 commences and is stockpiled on block 3, where after mining on block 3 commence.

Concurrent mining and rehabilitation continue until the sand resource on the 4 mining blocks is removed.

The mining process reduced the depth of the sand but, following the recommended rehabilitation measures, will leave a minimum of 50 cm of topsoil sand above the clay layer after rehabilitation.

The following is the sequence of recommended rehabilitation steps:

- The upper 50 cm of the soil across the entire mining area must be stripped and stockpiled before mining.
- Topsoil is a valuable and essential resource for rehabilitation, and it should therefore be managed carefully to conserve and maintain it throughout the stockpiling and rehabilitation processes.
- Topsoil stockpiles should be protected against losses by water and wind erosion. Stockpiles should be positioned so as not to be vulnerable to erosion by wind and water. The establishment of plants (weeds or a cover crop) on the stockpiles will help to prevent erosion. Stockpiles should be no more than 2 metres high.
- During mining, the outflow of run-off water from the mining excavation must be controlled to prevent any down-slope erosion. This must be done by way of the construction of temporary banks and ditches that will direct run-off water. These should be in place at any points where overflow out of the excavation might occur.
- To ensure minimum impact on drainage, it is essential that no depressions are left in the mining floor. A surface slope (even if minimal)

must be maintained across the mining floor in the drainage direction, so that all excavations are free draining. This means that mining depths will need to be controlled on the down-slope side of the mine, so that the mining floor remains free-draining and above the low point for drainage out of the mining area.

- After mining, any steep slopes at the edges of excavations, must be reduced to a minimum and profiled to blend with the surrounding topography.
- The stockpiled topsoil must then be evenly spread over the entire mining area, so that there is a minimum depth of 50cm of sandy topsoil above the underlying clay. The depth should be monitored during spreading to ensure that coverage is adequate and even.
- Topsoil spreading should only be done at a time of year when moisture is available for vegetation growth so that vegetation cover can be established as quickly as possible after spreading. This is to minimize erosion of returned topsoil by both rain and wind, before vegetation is established.
- Similar systems of ditches to the existing ones, must be re-established to ensure that drainage of the entire area is adequate.
- A cover crop must be planted and established immediately after spreading of topsoil, to stabilise the soil and protect it from erosion. The cover crop should be fertilized for optimum biomass production, and any soil chemical deficiencies must be corrected, based on a chemical analysis of the re-spread soil. A chemical analysis from an agricultural laboratory will include a recommendation of the appropriate quantities of chemical ameliorants (for example lime, phosphate etc) that should be applied to optimize the soil chemistry for the relevant crop. It is important that rehabilitation is taken up to the point of cover crop stabilisation. Rehabilitation cannot be considered to be complete until the first cover crop is well established.
- The rehabilitated area must be monitored for erosion, and appropriately stabilised if any erosion occurs.
- On-going alien vegetation control must keep the area free of alien vegetation after mining.

4 TECHNICAL AND FINANCIAL COMPETANCE

Attached find as annexure 6.12 financial and technical competence report and as annexure 6.13 bank statements of Dirk Lochner Transport cc as proof of financial ability and resources available to enable the applicant to carry out the mining activities and to mitigated and rehabilitate potential environmental impacts.

5 CONCLUSION

The activity entails the mining of building sand for use in the building industry and infrastructure development.

The enterprise will supply in the demand for sand from construction companies operating in the Cape metropolitan area.

The mine will provide secure employment on site and also contributes to the job opportunities generated by the construction industry for mostly previously disadvantaged males and females.

A favourable response from Department of Mineral Resources is requested.

---oo0oo---

ANNEXURE 6.1a

POWER OF ATTORNEY

POWER OF ATTORNEY

I / we Marné Fourie, the undersigned,
duly representative of MARCAL HOMES C C (199703391723), the registered
owner(s) of:

Portion 8 of the Farm VREYEGUNST no 440, Division Paarl, Western Cape
hereby nominate:

Planscape CC
13 Church Street
Moorreesburg
7310
Reg: 2007/087087/23

to be my / our legal agent to submit:

1. A departure application in terms of the Drakenstein By-law on Municipal Land Use, 2018
2. An application for a mining permit in terms of section 27(2) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)
3. A Notification of Intent to Develop in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)

to the authorities and in general to these applications, to obtain all information and carry out all actions for the realisation of such applications.

SIGNED at Paarl, Paarl on this 17 day of April 2019

in the presence of

[Signature]
Signature

Marné Fourie
Full name

WITNESSES

[Signature]
Signature

[Signature]
Signature

ANNEXURE 6.1b

CLOSE CORPORATION RESOLUTION

RESOLUTION

MARCAL HOMES C C (199703391723)

Address: Room 704 Commerce House
55 Shortmarket Street
Cape Town
8001

RE: PORTION 8 OF THE FARM VREYEGUNST NO 440, PAARL RD

We refer to the above property and hereby, being the owner thereof, resolve to authorize Mr. Morne Fourie (ID 7803095117084) to sign all relevant documents pertaining to, and give permission that the following applications can be submitted on our behalf:

1. A departure application in terms of the Drakenstein By-law on Municipal Land Use, 2018
2. An application for a mining permit in terms of section 27(2) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)
3. A Notification of Intent to Develop in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)

Yours sincerely



Signature (Member)



Full name

Signature (Member)

Full name

Date: 17/04/2019

Document to be signed by all CC members.

ANNEXURE 6.2

NEMA APPLICATION FORM

ANNEXURE 6.3

TITLE DEED

1506

MHI
P O BOX 4073
TYGERVALLEY
7536

Prepared by me

CONVEYANCER
RIËTTE SMUTS

Deeds Office Registration fees as per Act 47 of 1937		
	Amount	Office Fee
Purchase Price	R. 3,750,000	R. 1,522,00
Reason for exemption	Category Exemption	Exemption i to. Sec/Reg. Act/Proc.

T000009882 / 2019

DEED OF TRANSFER

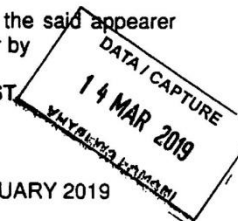
BE IT HEREBY MADE KNOWN THAT

TERTIA LIZETTE KRIEL

appeared before me, REGISTRAR OF DEEDS at CAPE TOWN, the said appearer being duly authorised thereto by a Power of Attorney granted to her by

The Trustees for the time being of DE CLAPMUTS TRUST
Registration Number T395/82

which said Power of Attorney was signed at BELLVILLE on 14 JANUARY 2019



Lexis® Convey 17.0.5.5

Page 2

And the appearer declared that her said principal had, on 10 December 2018, truly and legally sold by Public Auction, and that she, the said Appearer, in her capacity aforesaid, did, by virtue of these presents, cede and transfer to and on behalf of:

MARCAL HOMES CC
Registration Number 1997/033917/23

its Successors in Title or assigns, in full and free property

1. PORTION 7 OF FARM VREYEGUNST NUMBER 440 IN THE DRAKENSTEIN MUNICIPALITY, DIVISION PAARL PROVINCE OF THE WESTERN CAPE

IN EXTENT 33,9790 (THIRTY THREE COMMA NINE SEVEN NINE ZERO) Hectares

FIRST TRANSFERRED by Deed of Transfer Number 12322/1946 with Diagram Number 6288/45 annexed thereto and held by Deed of Transfer Number T6364/1983.

SUBJECT to the conditions referred to in Deed of Transfer Number 4360 dated 6 May 1918.

2. PORTION 8 (A PORTION OF PORTION 6) OF FARM VREYEGUNST NUMBER 440 IN THE DRAKENSTEIN MUNICIPALITY, DIVISION PAARL PROVINCE OF THE WESTERN CAPE

IN EXTENT 9,8207 (NINE COMMA EIGHT TWO ZERO SEVEN) Hectares

FIRST TRANSFERRED by Deed of Transfer Number 12323/1946 with Diagram number 6289/45 annexed thereto and held by Deed of Transfer Number T6364/1983.

SUBJECT to the conditions referred to in Deed of Transfer Number 16932 dated 30 November 1944.

3. PORTION 3 (PORTION OF PORTION 1) OF THE FARM KERSBOSLAAGTE NUMBER 921 IN THE CITY OF CAPE TOWN, DIVISION MALMESBURY PROVINCE OF THE WESTERN CAPE

IN EXTENT 8214 (EIGHT THOUSAND TWO HUNDRED AND FOURTEEN) Square metres

FIRST TRANSFERRED by Deed of Transfer Number 12323/1946 with Diagram Number 6290/45 annexed thereto and held by Deed of Transfer Number T6364/1983.

SUBJECT to the conditions contained in Deed of Grant dated 5 April 1923 (Malmesbury Quitrents Volume 11, Number 22):

V.

VI.

Lexis® Convey 17.0.5.5

Page 3

WHEREFORE the said Appearer, renouncing all rights and title which the said

The Trustees for the time being of DE CLAPMUTS TRUST
Registration Number T395/82

heretofore had to the premises, did in consequence also acknowledge them to be entirely dispossessed of, and disentitled to the same, and that by virtue of these presents, the said


MARCAL HOMES CC
Registration Number 1997/033917/23

or its Successors in Title or assigns, now is and henceforth shall be entitled thereto, conformably to local custom, the State, however reserving its rights, and finally acknowledging the purchase price to be the sum of R3 750 000,00 (THREE MILLION SEVEN HUNDRED AND FIFTY THOUSAND RAND) .

IN WITNESS WHEREOF, I the said Registrar, together with the Appearer, have subscribed to these presents, and have caused the Seal of Office to be affixed thereto.

THUS DONE and EXECUTED at the Office of the REGISTRAR OF DEEDS at CAPE TOWN on

13 MAR 2019



q.q.

In my presence


REGISTRAR OF DEEDS



ANNEXURE 6.4

PROPERTY DIAGRAMS

Application for Mining Permit: Portion 8 Vreyegunst no 440, Paarl RD
(Reference number: 228-8-440-DRK)

Sect. 24 (b), Act No. 9 of 1927.

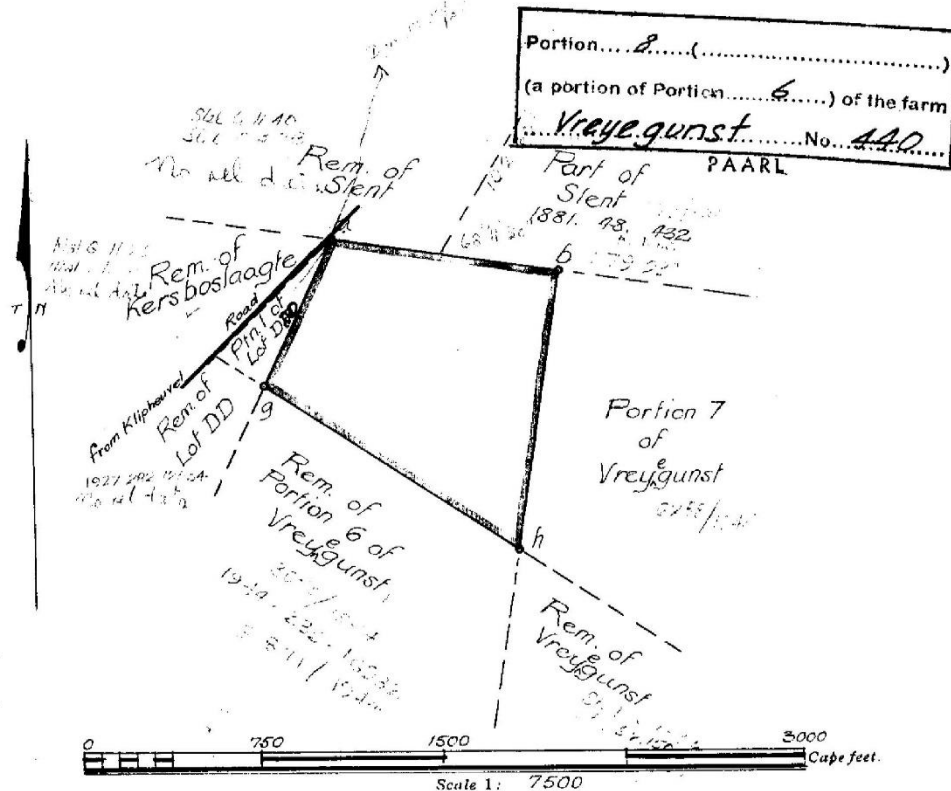
SIDES		ANGLES OF DIRECTION	SYSTEM 18 19° CO-ORDINATES	
Cape	Feet		y	x
			+ 50000.0	+ 11826000.0
bh	1179.4	9. 02. 50	b + 1274.6	+ 672.7 ✓
hg	1266.3	123. 35. 50	h + 1460.0	+ 1836.8 ✓
ga	681.3	205. 49. 50	g + 2514.8	+ 1136.0 ✓
ab	955.2	278. 59. 30	a + 2218.0	+ 522.8 ✓

S. G. No. 6185/45

Approved

Ken. C. Jombani
Surveyor-General.

a: heavy iron rail corner post ✓
b, g, h 3' iron bar 6" above ground ✓



The figure a.b.h.g

represents 11.4656 Morgen of land being
Portion 8 (a part of Portion 6) of the farm Vreyegunst
situate in the Division of PAARL Province of Cape of Good Hope.

Surveyed in Oct. 1945 by me

J. F. Stewart
Land Surveyor.

This diagram is annexed to D/T
No. 12322 d. 29.7.1946
i.f.o. H.R. and G.R. Malan
in equal shares.

The original diagram is
No. 3650/44 annexed to
D/T 1944. 339.16932
C. Jombani
30.11.44

S. G. File No. 12571
S. R. No. E. 1592/45
Dag. Sht BH 6
Stel. Q 13-25

ANNEXURE 6.5

CERTIFICATE TO COMMENCE BUSINESS

Afskrif aan Dirk Lochner 23/9/05
CK1

Certificate issued by the Registrar of Companies & Close Corporations on Wednesday, September 21, 2005 11:44
Certificate of Incorporation



COMPANIES AND INTELLECTUAL
PROPERTY REGISTRATION OFFICE

a member of the dti group

Registration number 2005 / 134413 / 23
Enterprise Name DIRK LOCHNER TRANSPORT
Enterprise Shortened Name None provided.
Enterprise Translated Name None provided.
Registration Date 21/09/2005
Business Start Date 21/09/2005
Enterprise Type Close Corporation
Enterprise Status In Business
Financial year end February
Number of members 3
Aggregate members' contribution R 100.00
Description of principal business ALGEMENE VERVOER EN AANVERWANTE DIENSTE
Postal address POSBUS 54
WELLINGTON
7654
Address of registered office OUDE PONTSTRAAT 23
WELLINGTON
7654

Accounting Officer

Name DE VILLIERS BROODRYK (WELLINGTON) ING
Postal Address P O BOX 54
WELLINGTON
7654
Profession Chartered Accountants
Membership/Practice No 958271

Active Members

Surname and first names	ID number or date of birth	Contrib. (R)	Interest (%)	Appoint-ment date	Addresses
LOCHNER, BEVERLEY HAZEL	4804020062080	5.00	5.00	21/09/2005	Postal: POSBUS 1217, WELLINGTON, 7654 Residential: STUCKISTRAAT 12, WELLINGTON, 7655
LOCHNER, DIRK FRANCOIS HENDRIK	7606065082080	44.00	44.00	21/09/2005	Postal: WELVANPAS 33, WELLINGTON, 7655 Residential: WELVANPASWEG 33, WELLINGTON, 7655



COMPANIES AND INTELLECTUAL PROPERTY REGISTRATION OFFICE


Registrar of Companies & Close Corporations

P O BOX 429, PRETORIA, 0001, Republic of South Africa. Dook 256, PRETORIA

Call Centre Tel 096 194 3164. Website www.cipro.co.za, WAP www.cipro.co.za/mobile

CK1

Certificate issued by the Registrar of Companies & Close Corporations on Wednesday, September 21, 2005 11:44
Certificate of Incorporation



COMPANIES AND INTELLECTUAL
PROPERTY REGISTRATION OFFICE
a member of the dti group

Registration number 2005 / 134413 / 23

Enterprise Name DIRK LOCHNER TRANSPORT

Active Members

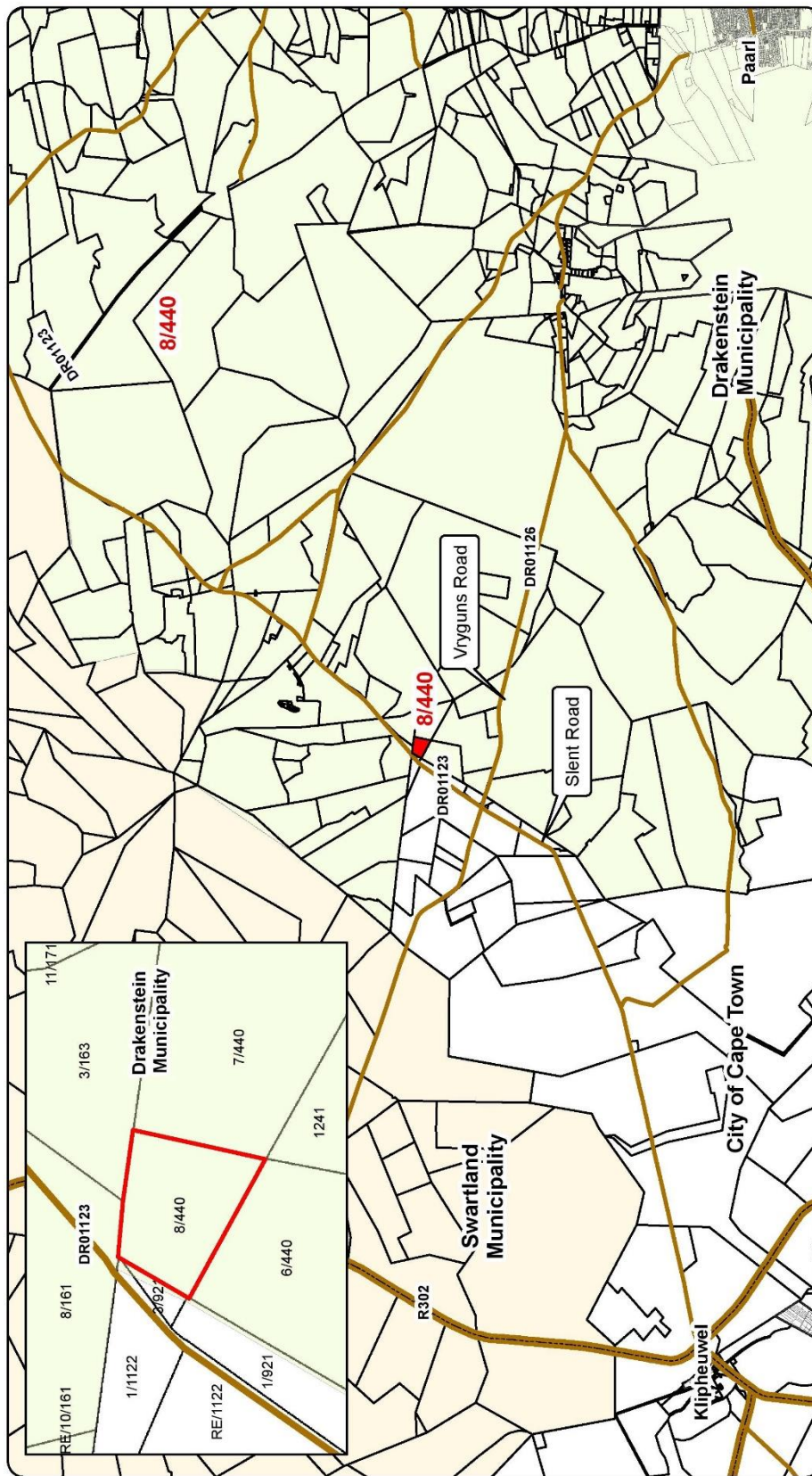
Surname and first names	ID number or date of birth	Contrib. (R)	Interest (%)	Appoint-ment date	Addresses
LOCHNER, DIRK FRANCOIS HENDRIK	4512235070083	51.00	51.00	21/09/2005	Postal: POBUSH 1217, WELLINGTON, 7655 Residential: STUCKISTRAAT 12, WELLINGTON, 7655

 COMPANIES AND INTELLECTUAL PROPERTY REGISTRATION OFFICE
Registrar of Companies & Close Corporations
P.O. BOX 439, PRETORIA, 0001, Republic of South Africa. Docer 256, PRETORIA.
Call Centre Tel 086 154 3384, website www.cipro.co.za, VCAP www.cipro.co.za/mobile

3

ANNEXURE 6.6

LOCATION MAP



Date: 02/07/19

LOCATION MAP

Portion 8 Vreyegunst no 440, Division Paarl

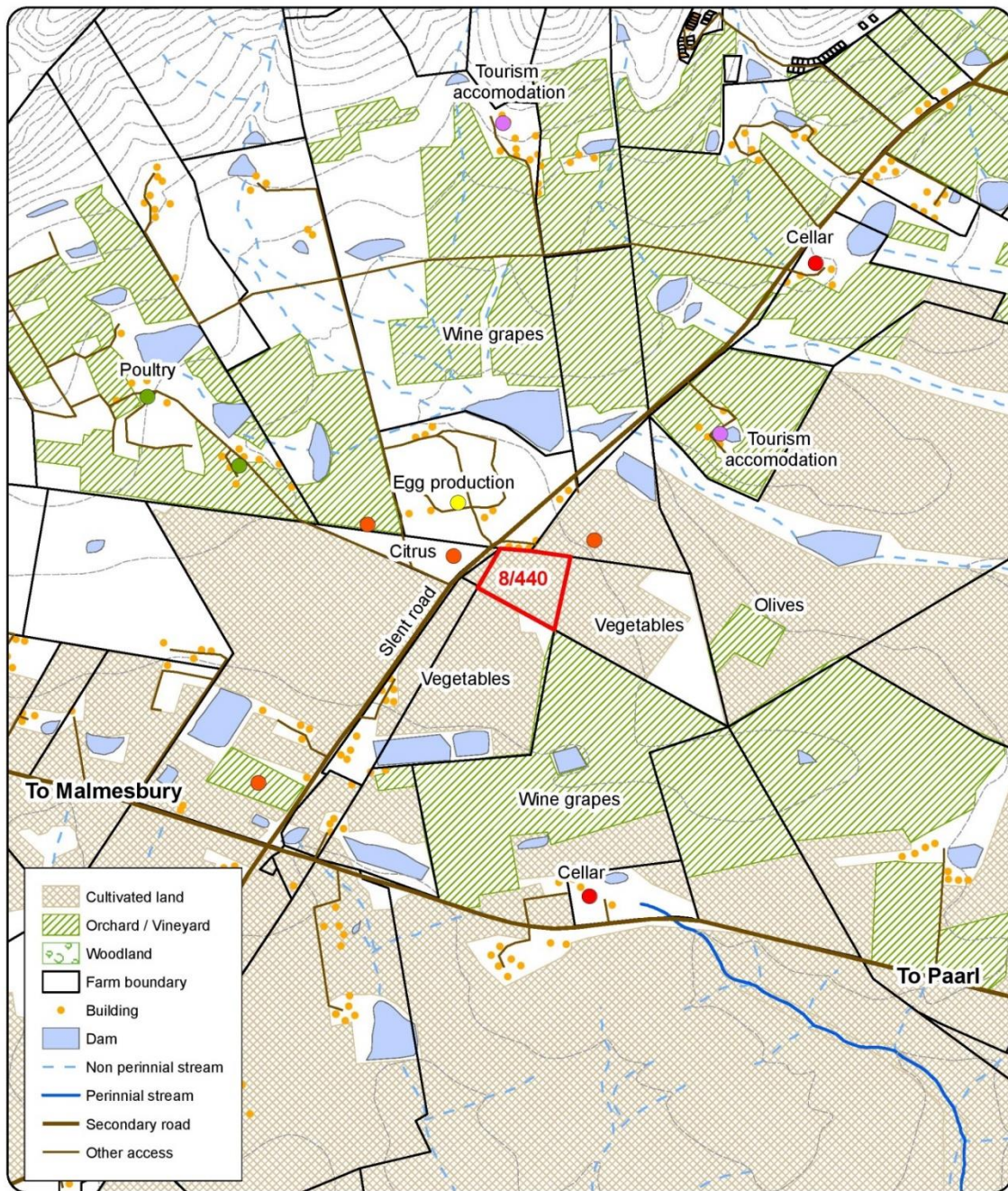


PLANSCAPE
URBAN PLANNERS

PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net

ANNEXURE 6.7

SURROUNDING LAND-USE



SURROUNDING LAND USE

Portion 8 Vreyegunst no 440, Division Paarl

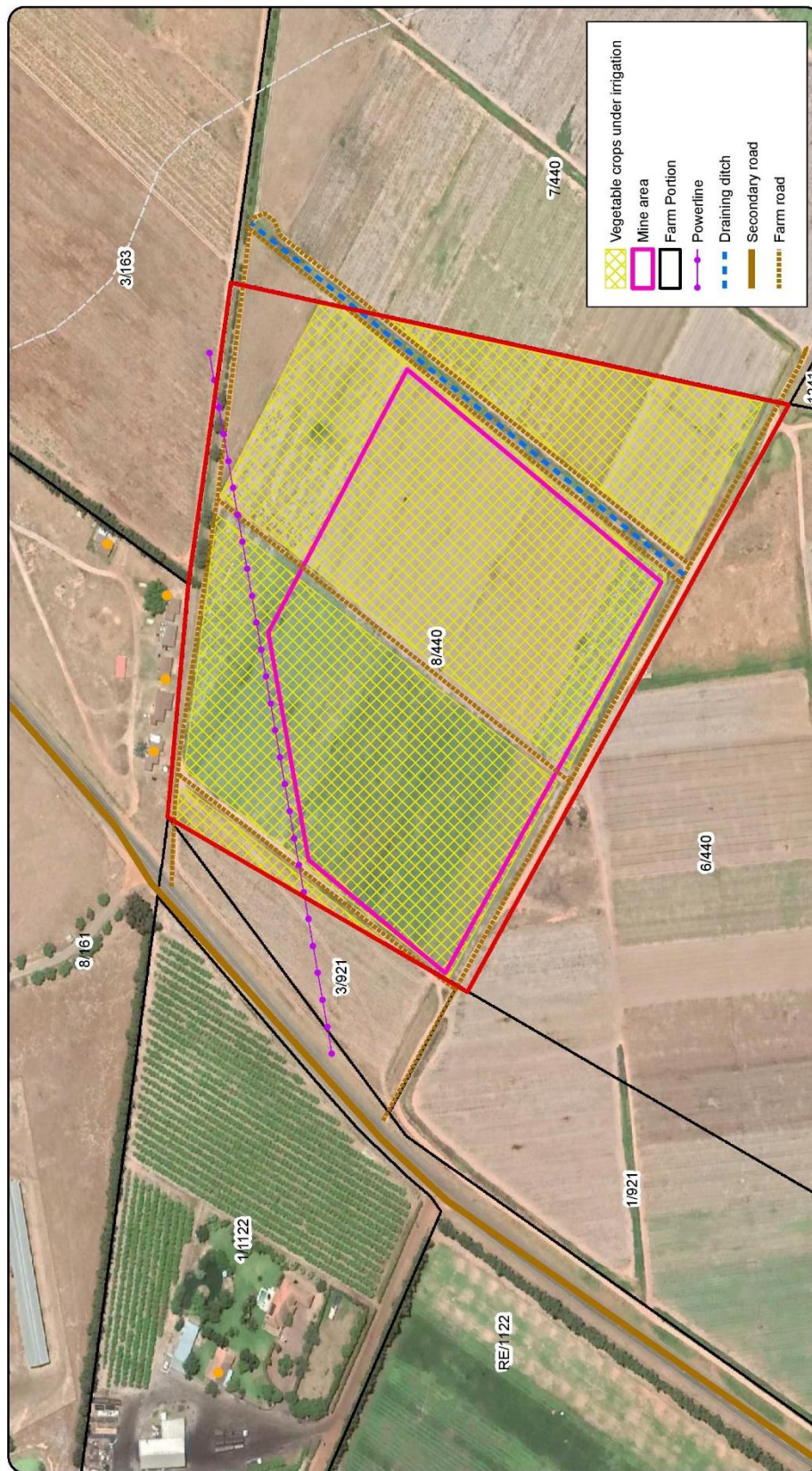


Date: 02/07/19

PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net

ANNEXURE 6.8

LAND-USE ON SITE



Date: 02/07/19

Land Use on site

Portion 8 Vreyegunst no 440, Division Paarl



PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net



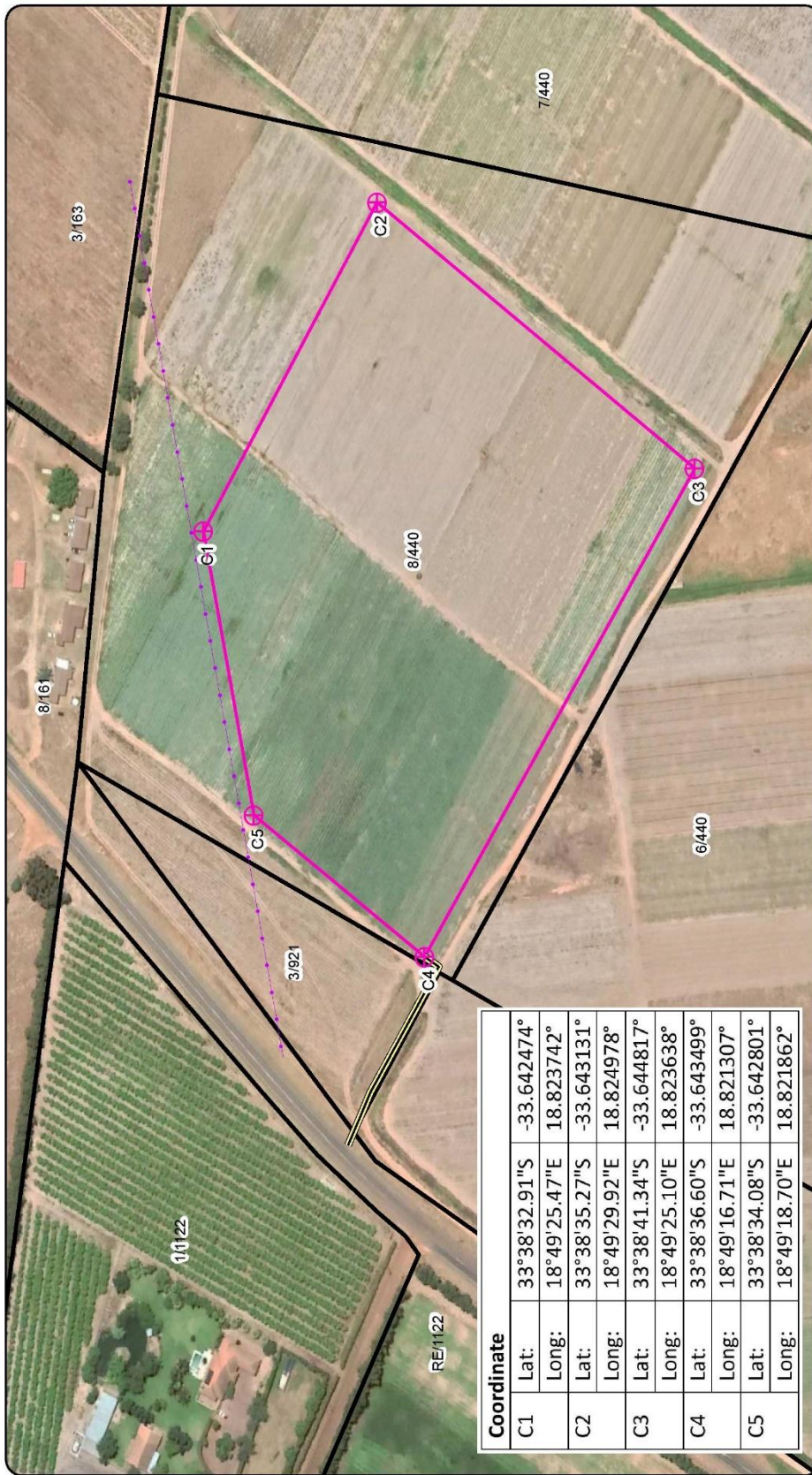
View of mine area in northern direction with Paardeberg in the background.



View of mine area in easter direction.

ANNEXURE 6.9

MINE AREA



Date: 02/07/19

MINE AREA (Regulation 2.(2) plan)

Portion 8 Vreyegunst no 440, Division Paarl

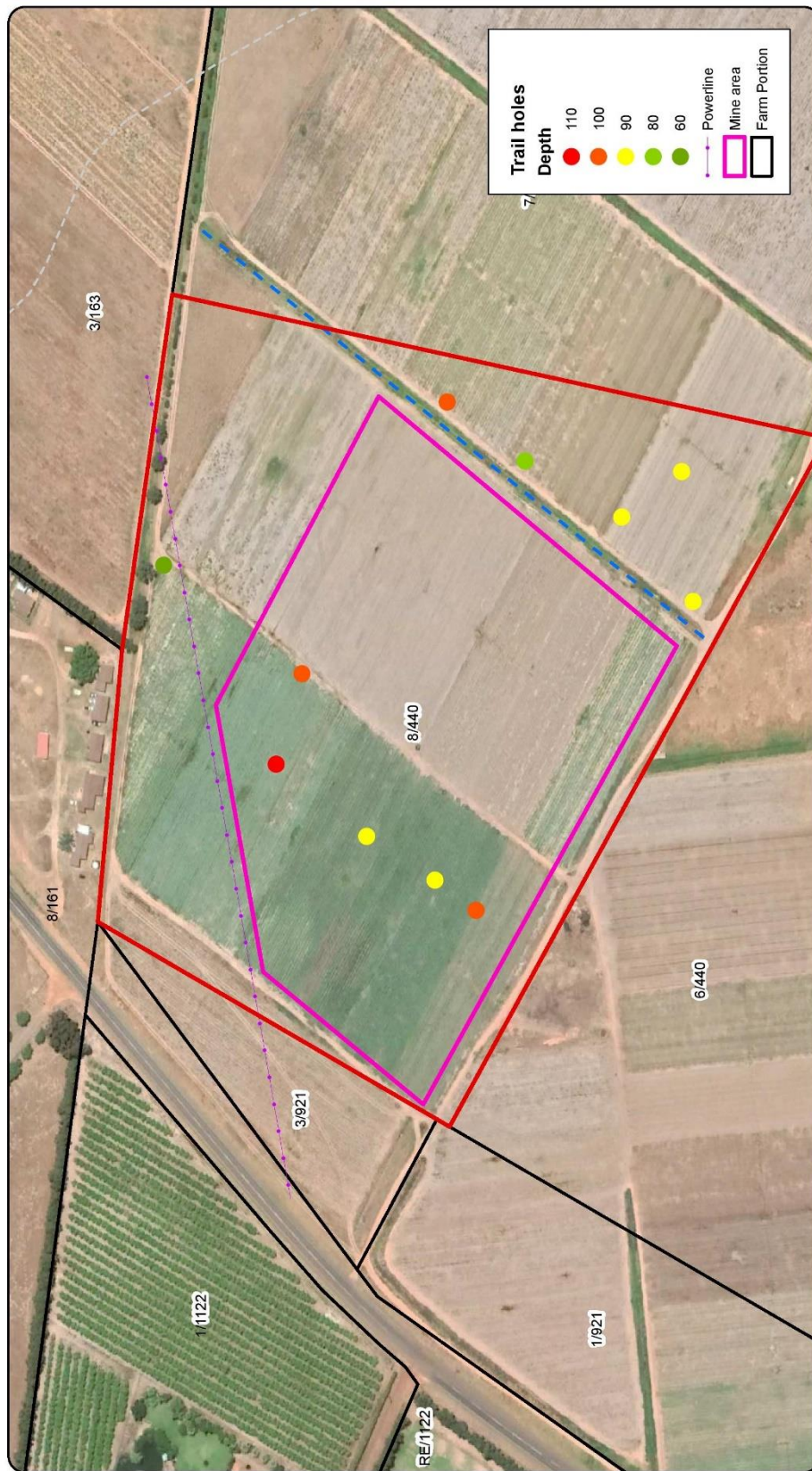


PLANSCAPE
URBAN PLANNERS

PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net

ANNEXURE 6.10

TRAIL HOLES



Date: 02/07/19

TRAIL HOLES

Portion 8 Vreyegunst no 440, Division Parl

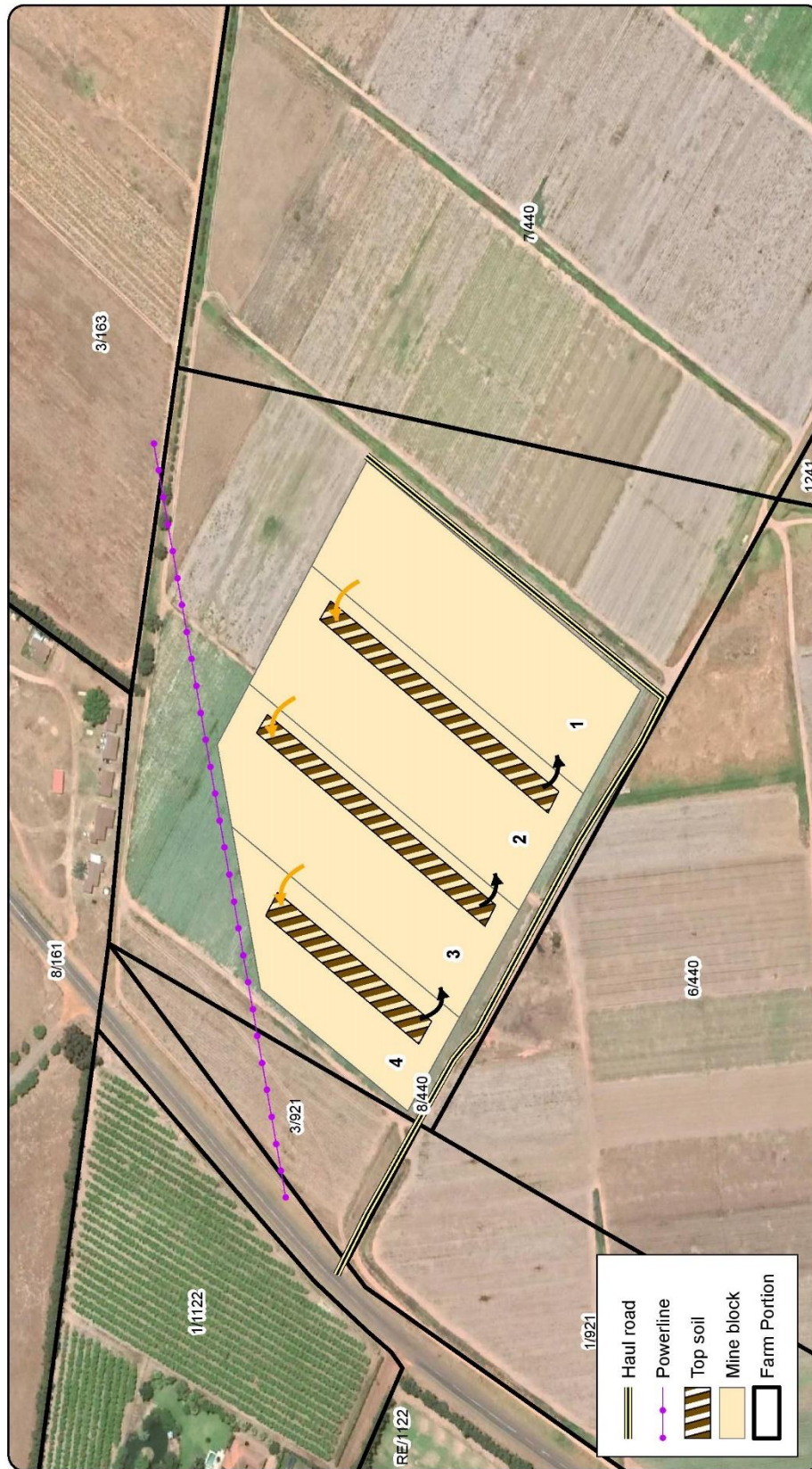


PLANSCAPE
URBAN PLANNERS

PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net

ANNEXURE 6.11

PRELIMINARY MINE PLAN



Date: 02/07/19

Preliminary mine plan

Portion 8 of Vreyegunst no 440, Division Paarl



PLANSCAPE
URBAN PLANNERS

PO Box 557, Moorreesburg, 7310, Cell 0722026587, Fax 086 697 2069, planscape@telkomsa.net

ANNEXURE 6.12

FINANCIAL AND TECHNICAL COMPETANCE REPORT

NAME OF APPLICANT: Dirk Lochner Transport CC

REFERENCE NUMBER: Vreyegunst sandmine

FINANCIAL AND TECHNICAL COMPETENCE REPORT

SUBMITTED FOR A MINING PERMIT APPLICATION

AS REQUIRED IN TERMS OF ITEM B OF FORM F, ANNEXURE I OF THE REGULATIONS FOR THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT (ACT 28 of 2002), AND IN ACCORDANCE WITH THE STANDARD DIRECTIVE FOR THE COMPILATION THEREOF AS PUBLISHED ON THE OFFICIAL WEBSITE OF THE DEPARTMENT OF MINERAL RESOURCES.



mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

STANDARD DIRECTIVE

All applicants for mining permits are herewith, in terms of the provisions of Section 29 (a) of the Mineral and Petroleum Resources Development Act, directed to submit a report strictly in accordance with the following format, and as informed by the guideline posted on the Departments Official Website, together with an application for a mining permit.

41

NOTE ! If any person (including the applicant) provides services in any job or skills category at a reduced rate or free of charge, then such person's Curriculum Vitae (CV) must be attached as documentary proof of the technical ability available to the applicant.

TABLE 1

[illegible]

2. ABILITY TO MANAGE AND REHABILITATE RELEVANT ENVIRONMENTAL IMPACTS

TABLE 2 Environmental cost estimate.

ACTIVITY Mark with X which activities are applicable	POTENTIAL IMPACT	MITIGATION MEASURE	STATE QUARTERLY COST OF MITIGATION MEASURES IN THE AVAILABLE SPACE BELOW, IN RANDS	STATE THE ESTIMATED REHABILITATION COST RELATED TO THE ACTIVITY IN THE AVAILABLE SPACE BELOW, IN RANDS
Excavating	Surface disturbance	Rehabilitation		80 000,00
	Dust	Dust control measures	0	
	Noise	Noise control measures	0	
	Contaminated Drainage	Storm water system	0	
Blasting	Fly Rock	Access control measures	0	
Stockpiles	Surface disturbance	Rehabilitation		0
	Dust	Dust Control Measures	0	
	Contaminated Drainage	Storm water system	0	
Discard dumps or dams	Surface Disturbance	Rehabilitation		0
	Dust	Dust control Measures	0	
	Contaminated Drainage	Storm water system	0	
	Noise	Noise control measures	0	
Loading, hauling and transport	Dust	Dust control Measures	0	
	Surface disturbance	Rehabilitation		0
Water supply dams and boreholes.	Surface disturbance	Rehabilitation		0
Accommodation, offices, ablation, stores, workshops etc.	Surface disturbance	Rehabilitation		
	Noise	Noise control measures	0	
	Dust	Dust control Measures	0	
	Contaminated Drainage	Storm water system	0	
Processing Plant	Surface disturbance	Rehabilitation		0
TOTAL				80 000,00

3. FINANCIAL COMPETENCE

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TABLE 3.1 : Financial implications of the project

CASH FLOW FORECAST									
(Complete the quarterly information and totals as specified by the "ITEM" column below)									
ITEM	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 5	Quarter 6	Quarter 7	Quarter 8	TOTAL
PRODUCTION The mass or volume of the product to be produced in each quarter, either in tons, m ³ , grams, carats, etc., whichever is applicable.	2562.5	2562.5	2562.5	2562.5	2562.5	2562.5	2562.5	2562.5	20 500
PRICE The expected price that will be received for the abovementioned product	R'000	R'000	R'000	R'000	R'000	R'000	R'000	R'000	R'000
REVENUE The mass or volume of production multiplied by the price	410	410	410	410	40	410	410	410	3280
OPERATING COST Estimated quarterly operating cost (as shown in table 4.2 herein) of stores, materials, electricity, water, fuel and other (Excluding labour and environmental cost)	110	110	110	110	110	110	110	110	880
TECHNICAL COMPETENCE COST TO BE PROVIDED FOR Estimated quarterly cost shown in table 1 above, i.e. salaries, wages, labour, service providers, subcontractors, etc.	72	72	72	72	72	72	72	72	576
ENVIRONMENTAL COST Estimated quarterly cost shown in table 2 above and divide the total rehabilitation cost among the quarters. The total of the environmental cost must equal all the quarterly environmental costs and the total rehabilitation cost combined.	10	10	10	10	10	10	10	10	80
CAPITAL AND OTHER The cost (as shown in table 4.1 herein) of land, machinery, the plant, buildings and infrastructure and any other costs.	0	0	0	0	0	0	0	0	0
WORKING PROFIT / LOSS The revenue minus all the costs listed above	218	218	218	218	218	218	218	218	1744

NOTE! If the total is a working loss, then it means that the applicant cannot provide for the technical ability or mine the mineral optimally in a period of two years.

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TABLE 3.2- FINANCING THE PROJECT

CATEGORY	AMOUNT	SUPPORTING INFORMATION
State the amount required to fund the project	80 000	
State the amount the applicant has available to fund the project	See annexure 6.13	Attach documentary proof that the amount is available in the form of a bank statement,.
State the outstanding amount required to fund the project	0	

CATEGORY	DESCRIPTION	SUPPORTING INFORMATION
State how the outstanding amount will be financed, e.g. Loan, investor, etc.	n/a	Attach documentary proof of any financing agreement, or other relevant evidence

NOTE ! If the applicant does not have sufficient financial resources readily available (or cannot provide) for the working losses, and for the operating, technical competence and working cost of the first quarter stated in the cash flow forecast above, it cannot be concluded that the applicant has or can provide for the necessary financial resources to carry out the mining activities and to mitigate and rehabilitate relevant environmental impacts.

4. SUPPORTING INFORMATION

TABLE 4.1- CAPITAL COST ESTIMATE: Complete the information required in the table below

COST CATEGORY	QUARTERLY RENTAL WHERE APPLICABLE R'000	OUTRIGHT PURCHASE AMOUNT
Land	0	0
Buildings and infrastructure	0	0
Processing plant	0	0
Machinery	0	0 (machinery is available)
Other (specify) n/a	0	0
TOTAL (to be reflected in the cash flow forecast in table 3.1 above)	0	0

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TABLE 4.2- OPERATING COSTS: Complete the information below:-

COST CATEGORY	Quarterly cost R'000
Fuel	50
Electricity	0
Water	0
Stores and materials	0
Other (specify)	Vehicle reparations and licenses
	60
TOTAL QUARTERLY COST (must be reflected in the cash flow forecast in table 3.1 above)	110

TABLE 4.3- BACKGROUND TO OPERATING COSTS: Complete the information below:-

CATEGORY	REQUIREMENT	COMPLETE THIS COLUMN
MINERAL	State the mineral to be mined	Sand
	State volume or tonnage of earth to be excavated per quarter	2562.5 cubic meter
FUEL	State number of excavators to be used	1
	State number of loaders to be used	1
	State number of trucks to be used	0
ELECTRICITY	State volume or tonnage of material to be processed in the plant	n/a
	List plant or equipment that requires electricity	n/a
WATER	State volume of water to be used	n/a
	Where will the water be obtained?	n/a
OTHER	Describe other operating costs to be incurred, if applicable	n/a

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5. IDENTIFICATION OF THE REPORT

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 and appendices comprise the details and documentary proof of the Financial and Technical ability required to be submitted with this application in terms of form F, annexure I of the MPRDA Regulations.

Full Names and Surname	Martin Langenhoven
Identity Number	6712125009

.....END.....

ANNEXURE 6.13

BANK STATEMENT



DIRK LOCHNER TRANSPORT BK
ACCOUNT NUMBER : 40-6448-1206
ACCOUNT NAME :

ABSA
WELLINGTON

CURRENT BALANCE	:	4 517 776,61	
PLUS OVERDRAFT LIMIT	:	550 000,00	

AVAILABLE BALANCE	:	5 067 776,61	AS AT 05/07/2019

*** END OF ENQUIRY 05/07/2019 13:11:05 ***



