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Department:
Minerals and Energy
REPUBLIC OF SOUTH AFRICA

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From: Directorate: Mineral Development: Northern Cape Date: 09 October 2006
Enquiries: Mr. N.C. Fhedzisani E-mail: shadrack.fhedzisani@dme.gov.za
Ref: NC 30/5/1//3/3/2/1/1021EM

The Director
South African Heritage Resources Agency
PO Box 4637
CAPE TOWN
8000

Attention: MARY LESLIE

CONSULTATION IN TERMS OF SECTION 40 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002, (ACT 28 OF 2002) FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PLAN FOR MINING PERMIT ON THE REMAINING EXTENT OF THE FARM GONG-GONG NO. 317, SITUATED IN THE MAGISTERIAL DISTRICT OF BARKLY WEST: NORTHERN CAPE REGION.

APPLICANT: STOFFEL JACOBUS LOUW

Attached herewith, please find a copy of an EMP received from the above-mentioned applicant, for your comments.

It would be appreciated if you could forward any comments or requirements your Department may have to this office and to the applicant before **11 December 2006** as required by the Act.

Consultation in this regard has also been initiated with other relevant State Departments. In an attempt to expedite the consultation process please contact **Mr. N.C. Fhedzisani** of this office to make arrangements for a site inspection or for any other enquiries with regard to this application.

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REGIONAL MANAGER: MINERAL DEVELOPMENT

NORTHERN CAPE REGION

File number: NC 30/5/1/3/2/102/MP

DEPARTMENT OF MINERALS AND ENERGY

ENVIRONMENTAL MANAGEMENT PLAN

Submitted in support of application for a prospecting right or mining permit.

Section 39 and Regulation 52 of the Minerals and Petroleum Resources Development
Act, 2002 (Act 28 of 2002)



Application for a: Prospecting Right
Mining Permit
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B. BIOGRAPHIC DETAILS OF THE APPLICANT:

B 1.1 Full name (and surname) of person or company applying for permit or right	STOFFEL J LOUW
B 1.2 ID number of person or company/ CC registration number	5906015766085
B 1.3 Postal address	POBOX 292 BARKLY WEST 8375
B 1.4 Physical/ residential address	3109 MATHEW STR MATALENG BARKLY WES
B 1.5 Applicant's telephone number	053 5310 681
B 1.6 Applicant's cellular phone number	
B 1.7 Alternative contact's name	HAROLD DYKER
B 1.8 Alternative contact's telephone/cell phone numbers	078 - 371 2698
B 2.1 Full name of the property on which mining/ prospecting operations will be conducted	COMMONAGE DIKGATLONG MUNICIPALITY
B 2 2 Name of the subdivision	GONG GONG 371
B 2.3 Approximate center of mining/prospecting area: Latitude	24 ° 25 min 20.1 sec East
Longitude	98 o 99 min OI. Lisec South
B 2.4 Magisterial district	BARKLY WEST
B 2.5 Name of the registered owner of the property	DIKGATLONG MUNICIPAU TY
B 2.6 His/her Telephone number	053 .5310 671

3 2.7 His/ her Postal address	PRIVATE BAG 5
	BARKLY WEST
	8815
3 2.8 Current uses of surrounding areas NO ACTIVE	IVIES
	and places and the contract of
3.29 Are there any other existing land upon that impact on the	
3 2.9 Are there any other, existing land uses that impact on the nining/ prospecting area? No. This is a Non	
3 2.9 Are there any other, existing land uses that impact on the nining/ prospecting area? No. THIS IS A NON PIECE OF LAND. FAR FROM THE GONG G	- PRODUCTIVE

C. ENVIRONMENTAL IMPACT ASSESSMENT:

The information provided in this section will enable officials to determine how serious the impact of the prospecting/mining operation will be.

DESCRIBE THE ENVIRONMENT THAT WILL BE AFFECTED BY THE PROPOSED PROSPECTING/MINING OPERATIONS UNDER THE FOLLOWING HEADINGS:

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C 1.5 What animals naturally occur in the area?	room visual de crondouel belingarinkhmani europe				
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C 1.6 Are there any protected areas (game parks/nature	Ye	S	hamilijakaturni ti Jan	all and an analysis of the same of the sam	4
reserves, monuments, etc) close to the proposed operation?	v received and the second		sanii-irrenjija		
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C 1.7 What mineral are you going to prospect or mine for?	TO I WAT		カラ	himina Sistemani	i jednice or jakobjasa po
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C 1.8 Describe the type of equipment that will be used: B	inklikelineasi kyrile sestimos i kralija (astronasi ciana piengan	Anna de la company de la compa	elemporation or each our encounter your	ed-particular consequences and	Abbrication at the Assessment of the
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	VALUE	TICK	OFFICE USE
C 2.5 Will employees prepare food on the site and collect firewood?	Yes		4
THEY WILL PREPARE FOOD ON A	No	X	0
GAS STOVE. NO WOOD NEEDED	agrificação de transferência de la compressión de la compressión de la compressión de la compressión de la comp		and the second self-education of the second
C 2.6 Will water be extracted from a river, stream, dam or pan for use by the proposed operation?	Yes	X	4
GONG GONG STREAM	No		2
C 2.7 If so, what is the name of this water body? DEPT WATER AFFAIRS	and grade statement on the contraction of the contr	gang at Printing Balance at Annah Salagan Ang Annah Salagan Ang Annah Salagan Ang Annah Salagan Annah Salagan An Ang Annah Salagan Annah	
C 2.8 If water will not be extracted from an open surface source, where will it be obtained?	The state of the s	inderek menderi galainen geregai austri perda pata pata pata pata pata pata pata pa	under worder der eine geschaften der der Geschaft der gegen der geschaften der gegen der geschaften der gescha Bereitste der geschaften der der geschaften der geschaften der geschaften der geschaften der geschaften der ge
	A Strange of a company manipular participation and distribution and distribution of a company management of the company of the	TICK	OFFICE USE
C 2.9 How much water per day will the <i>mineral processing</i> operation require?	1000 – 10 000 Liters		2.
	20 000 - 40 000 L	and the second second second second second	anicomente de la comunicación de l Se comunicación de la comunicación
	40 000 - 60 000 L	Constitution of the Artist Action and Constitution of the Constitu	5
	60 000 - 100 000L		8
	More		10
C 2.10 How far is the proposed operation from open water (dam, river, pan, lake)?	0 - 15m	Wallion being a part of the land of the	enterviero escribilistico de la compania de la comp El compania de la co
	16 - 30m		6
	31 - 60m		4
	More than 60 metres	X	2
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C 2.11 What is the estimate depth of the water table/ borehole?		CW.	metres
C 2.12 How much water per day will the proposed operation utilize for employees?	CLEAN WATER BARKLY WEST	CONTROL OF	Liters
C 2.13 What toilet facilities will be made available to workers?	None		yk 2005 ter, egyeren blemente antzatun krister (selekt julik le
	Pit latrine (longdrop)	X	4
	Chemical toilet		ingenia de la composició d La composició de la composició
C 2.14 Would it be necessary to construct roads to access the proposed operations?	Yes		incomercia su conscionar dissiliante di serie di conscionario.
the proposed operations:	dentamente en la calacteria de la calact	X	0
	and the control of th	e de origina de manifesta que la con-	er teglegden krieger und ein der Stationbestrage ist station

	VALUE	TICK	OFFICE
C 2.15 How long will these access road(s) be (from a public road to the proposed operations)	0 - 0,5 km		4
CURRENT ACCESS ROAD	0,6 - 1,5 km	resument in feritarious and receive and discuss constitution state.	and the second s
	116 ~ 3 km	X	15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
C 2.16 Will trees be uprooted to construct these access road(s)?	Yes	t kiki yanda galak kiri ang k	r, terio sidre transcrizzazione a reneculeura per la
	and individual and the control of th	X	
C 2.17 Will any foreign material, like crushed stone, limestone, or any material other than the naturally occurring topsoil be placed on the road surface?	Yes		- - - -
	NO	X	0
C.3 TIME FACTOR	Egging and the state of the sta	nor providenti u proposivacio e sona proposivacion	especialistica de la constitució de servicio de la constitució de la constitució de la constitució de la const
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C 3.1 For what time period will prospecting/mining operations be conducted on this particular site?	0 – 6 months	X	2
enterministrativa (interministrativa proportional proport	6 – 12 months	popto de Tiloresco - per vita : princesco	4
	12 - 18 months		6
	18 - 24 months		θ
	>24 months		10
C.4 HOW WILL THE PROPOSED OPERATION IMPACE ENVIRONMENT? (REGULATION 52(2)(b))	T ON THE SOCIO-E	erichen der	ing-wegge states i Arreit (withing) indigen on onch
en per establis de la composition del la composition de la composition del la composition de la composition del la compositio	VALUE	TICK	OFFICE USE
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C 4.1 How many people will be employed? C 4.2 How many men? C 4.3 How many women? C 4.4 Where will employees be obtained? (Own or employed from local communities?) L FROM GONG GONG. 30WN EMPLOYE L FROM BARKY WEST ➤ PAMPIERSTAD			
C 4.1 How many people will be employed? C 4.2 How many men? C 4.3 How many women? C 4.4 Where will employees be obtained? (Own or employed from local communities?) L+ FROM GONG GONG. BOWN EMPLOYED L+ FROM BARKY WEST → PAMPIERSTAD C 4.5 How many hours per day will employees work?	* TEN ONE Own Sources Sunrise - Sunset		
C 4.1 How many people will be employed? C 4.2 How many men? C 4.3 How many women? C 4.4 Where will employees be obtained? (Own or employed from local communities?) L FROM GONG GONG. 30WN EMPLOYE L FROM BARKY WEST ➤ PAMPIERSTAD			

	VALUE	TICK	OFFICE USE
C 4.6 Will operations be conducted within 1 kilometer from a residential area	Yes		6
	Programme of the control of the cont	**************************************	
C 4.7 How far will the proposed operation be from the nearest fence/windmill/house/dam/built structure?	0 – 50 metres		konsirrenis senerangan o kunyamatasa. B
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	150 or more metres	X	in in a si sul provinci comples consission. 2 compres consission de arrivation de la consission de la consission de la consission de la consission de la co
C.5 HOW WILL THE PROPOSED OPERATION IMPAC THE SURROUNDING ENVIRONMENT? REGULATION		L HERIT	AGE OF
	VALUE	TICK	OFFICE USE USE
C 5.1 Are there any graveyards or old houses or sites of historic significance within 1 kilometer of the area?	Yes	and the second of the second o	4 to propher to make the law of the law of

C.6 SPECIFIC REGULATORY REQUIREMENTS

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C.6.3 Noise co	h noise the op				he surrounding
environment, who					
					BOUNDS FROM
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			available for the above fluids: THE MINIMUM
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C.6.7 If significant impacts on any element of the environment mentioned in Section C.1 to C.6.5 above have been identified, summarise all of them have: (Regulation 52(2)(c))	C.6.8 How will the negative impacts on the environment be mitigated or managed (as described in C 6.11 to the left? (Regulation 57(2)(c))
Example. Section C.6.4 Blasting. have identified that the people living on the neighbouring property are sensitive to loud in ses as they have children that must study during the afternoons.	Example: I will mitigate the impact of my blasting operations on the interested Parties by limiting blasting operations to school hours, when no one in the affected area is at home.
OUR OPERATION WILL HAVE NO IMPACT	
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3 OVERGROWN WITH THORN BUSHES. THE VAAL RIVER (# 1KM) 19 NOT	
RESIDENTS ARE I SKMS IN GONG.	
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C.7 Financial provision: (Regulation 54)

The amount that is necessary for the rehabilitation of damage caused by the operation, both sudden closure during the normal operation of the project and at final, planned closure will be estimated by the regional office of the DME, based on the information supplied in this document. This amount will reflect how much will it cost the Department to rehabilitate the area disturbed in case of liquidation or abscondence.

Enter the amount of financial provision required here: R 15 000 - 00
What method will be used to furnish DME with this financial provision?
Cash deposit
Bank guarantee Trust Fund
Other: (specify) (Note: other methods must be approved by the Minister)

The standard formats for each of these types of guarantees are available from your regional office of the DME.

C.8.1 Monitoring and performance assessment.

Regulation 55 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002) clearly describes the process and procedure as well as requirements for monitoring and auditing of the performance of this plan to adequately address environmental impacts from the operation. The following information must be provided:

C.8.2 Please describe how the adequacy of this programme will be assessed and how any inadequacies will be addressed. (Regulations 55(1) and 52(2)(e)) Example I will on a bi-monthly basis, check every aspect of my operation against the prescriptions given in Section F of this document and, if I find that certain aspects are not addressed or impacts on the environment are not mitigated properly. I will rectify the identified inadequacies immediately. A REGULAR MONTHLY INSPECTION WILL BE HELD REGARDING TRENCHES REHABILITATION. SAFE + HEALTHY ENVIRONMENT, A LOGBOOK WILL BE KEPT ON ALL WRONG FINIDINGS + ACTION TAKEN TO RECTIFY IT.

C.9 Closure and Environmental objectives: (Regulation 52(2)(f))

Clearly state the intended end use for the area prospected/mined after closing of operations

THIS LAND IS IN A TERRIBLE STATE. IT IS COMPLETELY COVERED WITH SMALL OLD DIGGING HEADS + OVERGROWN WITH HAAK+ STEEK THORN BUSHES. WE WILL HAVE TO PUT EVERYTHING THROUGH THE GRISSLEY THIS WILL ENSURE THE MIXING OF THE ROCKS + PORREL. AS THERE IS VIRTUALLY NO TOPSOIL + GOOD VEGITATION, WE CAN ONLY LEAVE IT IN A BETTER STATE THAT IT IS IN NOW!

phoning that are a	al de la completa de la Calda Calda Calda de la Malla de la completa del completa de la completa de la completa del completa de la completa del la completa del la completa de la completa de la completa del la completa de la completa del la completa d	STATEMENT AND ADDRESS OF THE PARTY OF THE PA	and the first of the second terminal to	productive and the section of the se	e entra più palentre e transitation.	containings with hos	indextration of transmissions in the company of the	والمتعادية والمتعادية والمتعادية والمتعادية	der series proprietation and	anderstand of the second		and the same of	فأخطأ الأعام والماء والماء والماء والماء	estracto
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Note. The proposed end-state of your area must be consulted with interested and affected parties in terms of Regulation 52(2)(g). Details of the acceptability of the end-state must appear in the section below.

C 10 CLOSURE

Regulations 56 to 62 outline the entire process of mine closure, and these are copied in Section F of this document both as a guide to applicants on the process to be followed for mine closure, and also to address the legal responsibility of the applicant with regard to the proper closure of his operation. In terms of Section 37 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002), the holder of a permit is liable for any and all environmental damage or degradation emanating from his/her operation, until a closure certificate is issued in terms of Section 43 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002)

C.11 Public Participation: (Regulation 52(2)(g))

In terms of the above regulation consultation with interested and affected person or persons must take place prior to the approval of the environmental management plan. This regulation is quoted below for ease of reference.

"a record of the public participation undertaken and the results thereof"

- C 11.1 Any comments lodged by an interested and affected person or persons in terms of section 10(1)(b) of the Act, must be in writing and addressed to the relevant Regional Manager.
- C 11.2 Any objections louged by an laterasted and affected parson or nersons analinst the application for a right or permit in terms of the Act, must set out clearly and concisely the facts upon which it is based and must be addressed to the relevant Regional Manager in writing.
- C 11.3 The Regional Manager must make known by way of publication in a local newspaper or at the office of the Regional Manager, that an application for a right or permit in terms of the Act has been received.

In the table below, please list the names of people or organisations likely to be influenced by the proposed operations (these might include neighbours, other water users, etc.) Kindly indicate how these people were consulted (eg. By letter or by phone) and provide proof of that consultation. What were the main concerns/ objections raised by the interested and affected parties to the proposed operation?

	me of Interested/ ected party	Contact details: Address & telephone number	How did consultation take place?	What were his/her main concern about the operation?		
1	the same of the sa	NEIGHBOURS	IN GONG GC			
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D SCORING OF EIA- FOR OFFICIAL USE ONLY

instructions for officials:

In this table, complete the totals of each section indicated below and do the calculation. Remember to first add all the values of sections C 1,2,4 and 5 and then to multiply it by the time factor in Section C 3

Note that the value for the time factor element of the impact rating appears in Section C3. This is the total amount of time that the operation is expected to impact on the environment and all other factors are MULTIPLIED by this value. Compare the score (impact rating) will, the table below to help you make a decision on the total impact of the operation and also on the sufficiency of this programme to address all expected impacts from the operation on the environment.

D 1.1 CALCULATION TABLE

in the same of the	Section C 1 Total	***************************************	Section C2 +	Section C 4 Total	*	Section C5 = Sc Total	station of X	Time Factor Section C 3	#	Score (impact rating)	Contraction of the contraction o
1	7 delegiología y	- 10 personal pro-	•	STEP ATTENDED AND ADMINISTRATION OF THE PROPERTY OF THE PROPER		s, the first service reconstruction of the control	X	entreplantical international control of the control	Sign No.	or in the same of the same	

D 1.2 IMPACT RATING SCALE

phentil	SCORE	IMPACT	REMARKS
Section (Section)	ATTAINED	RATING	Projection (Projection Control of
Pagarage *	46 m 300	erioleonicopological de la constitución de la const	No additional objectives needed - this programme is sufficient
4	301 - 800	Medium	Some specific additional objectives to address local areas of concern may be set.
polypring-	801 - 1160	Service Constitution of the Constitution of th	Major revision of Environmental Management Plan for adequacy and full revision of objectives.

HANDING WALLES

Based on the information provided by the applicant and the regional office's assessment thereof, combined with the interpretation of the scoring and impact rating attained for the particular operation above, the Regional Manager of the regional office of the DME may now determine additional objectives irrequirements for the mine owner/manager to comply with. These measures will be specific and will address specific issues of concern that are not adequately covered in the standard version of this document. These requirements are not listed here, but are specified under Section G of this document, so as to form part of the legally binding part of this Environmental Management Plan.

	UNDERTAKING:
h th b 9	ereby declare that the above information is true, complete and correct. I undertake to implement the measures as described in Sections F and G hereof. I understand that this undertaking is legally inding and that failure to give effect hereto will render me liable for prosecution in terms of Section 8 (b) and 99 (1)(g) of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 002). I am also aware that the Regional Manager may, at any time but after consultation with me, take such changes to this plan as he/she may deem necessary.
S	signed on this . G. th.day of October 200.6 at BARKLT MASTER)
	ignature of applicant

F 5.5 NOTES ON LEGAL PROVISIONS

NOTE: The holder of a prospecting right, mining permit or reconnaissance permission must also take cognisance of the provisions of other legislation dealing with matters relating to conservation, and which include, inter alia, the following:

- National Monuments Act, 1969 (Act 28 of 1969).
- National Parks Act, 1976 (Act 57 of 1976).
- Environmental Conservation Act, 1989 (Act 73 of 1989)
- National Environmental Management Act, 1998 (Act No. 107 of 1998)
- Atmospheric Pollution Prevention Act, 1965 (Act 45 of 1965)
- * The National Water Act, 1998 (Act 36 of 1998).
- Mine Safety and Health Act, 1996 (Act 29 of 1996).
- The Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983).

G. SPECIFIC ADDITIONAL REQUIREMENTS DETERMINED BY THE REGIONAL MANAGER.

Officials in regional offices may use the following matrix to determine the necessity for additional objectives to be included in this Section of the document:

POTENTIAL ENVIRONMENTAL IMPACTS OF MINING										
Activity		Disturbance			Pollution				Visual	
nterior en	Landform	Soil	Flora	Fauna	Heritage	Land	Water	Air	Noise	en e
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Workforce										erana na najiwa jiyahirinti yezingin 14

Please indicate VL, L, M, H, and VH for Very Low, Low, Medium, high and Very High in each column to determine the main area and severity of impact.

Regional Manager. Addition opinion that there are specified the provisions set with requirements form part	the specific additional requirements that may be set for the operation by the specific additional requirements will only have been set if the Regional Manager is of the specific impacts on the environment which will not be adequately mitigated in the standard version of the Environmental Management Plan. The of the Environmental Management Plan and all elements and instructions complied with by the applicant.	line by se

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*	ation/Municipality (Delete that which is not applicable) have studied a	
	of this document in it's entirety and hereby duly undertake to adhere to the rein including the amendment(s) agreed to by the Regional Manager	
	I on	\$1 B
n e	ESTINIS GTH day of OCTOBER 2006	#)
Silina Lacas	า ************************************	
Signature of applicant	Designation	
Agency declaration:	This document was completed byon behalf	
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J. APPROVAL

Approved in terms of Section 39(4) of th 2002 (Act 29 of 2002)	e Mineral and Petroleum	Resources Development Ac	ŧ,
Signed atthi	S	day of2	20
REGIONAL MANAGER	VX		
REGION:			

This document has been compiled by the Directorate: Mine Environmental Management of the Department of Minerals and Energy at their Head Office in Pretoria. Any comments, suggestions or inputs will be sincerely appreciated. If you have any comments or suggestions regarding this document or its application, please forward your contribution to:

The Director: Mine Environmental Management

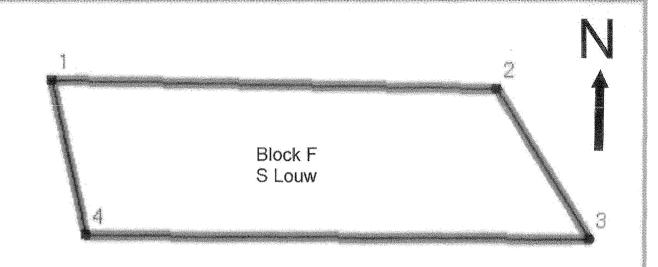
Private Bag X 59

PRETORIA

0001

Tel: 012 317 9288 Fax: 012 320 6786

E-mail: dorothy@mepta.pwv.gov.za



Scale: 1:700

1: S 28 29.007 E 24 25.253

2: S 28 29.006 E 24 25.387

3: S 28 29.043 E 24 25,419

4: S 28 29.043 E 24 25.281

Distance:

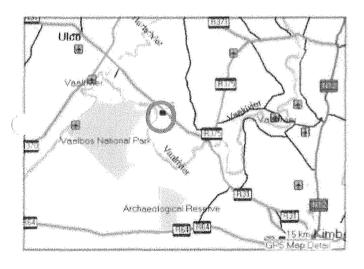
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2 - 3: 86,4m

3-4: 228,0m

4 - 1: 81,0m

GPS Map Detail



Mining Permit: S Louw

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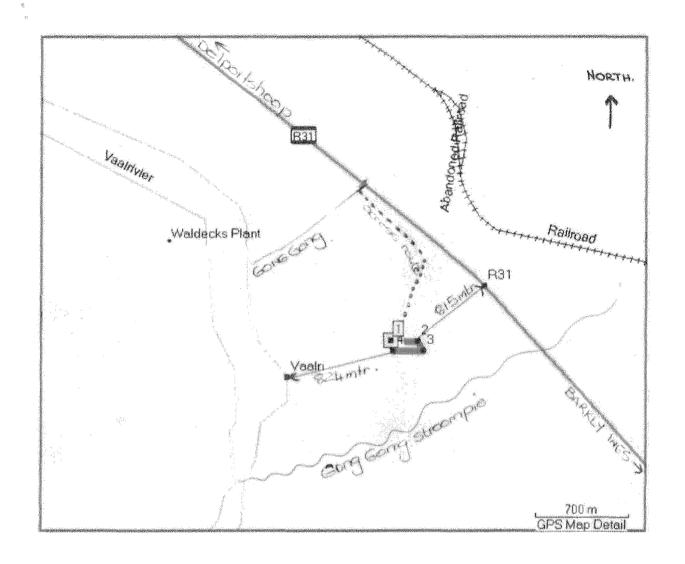
Size of Area: 1,50ha.

WGS 84 Geographic

Signature:

Date:

NC 30/5/1/3/2/1021 MP



Stoffel J Louw

NC 30/1/3/2/1021 MP