Table 8.3 Quantum Calculation

Environmental Management

The following costs may be incurred to comply with the requirements of section 39.

The following table indicates the calculation of the amount required for financial provision as provided by the applicant, should immediate closure and rehabilitation be required.

Removal of Sand Screen, Stone Crusher and Stone Screens	1	R	5,000.00	R	5,000.00
Breaking up and removal of 30m3 of concrete	1	R	2,500.00	R	2,500.00
Removal of steel container	1	R	1,100.00	R	1,100.00
Establishment on site – Bulldozer, Front End Loader	1	R	4,000.00	R	4,000.00
7 Days Bull Dozer hire – preparation of site for grassing @ rate per hour	63	R	500.00	R	31,500.00
5 Days Loader hire- spreading of top soil, @ Rate per Hour	45	R	400.00	R	18,000.00
Grass Seed	1	R	5,000.00	R	5,000.00
2 Laborers 10 days planting of grass, @ rate per day	20	R	100.00	R	2,000.00
Aftercare, 1 day per week for 6 months @ Rate / day	24	R	100.00	R	2,400.00
Supervision	1	R	10,000.00	R	10,000.00
SUB TOTAL				R	81,500.00
VAT				R	11,410.00
TOTAL				R	92,910.00
Current Balance of Bank Deposits					
Inzulu Mining FNB 1			16/11/2007	R	40,000.00
Inzulu Mining FNB 2			16/11/2007	R	20,000.00
DO Eales Std Bank			31/12/2007	R	90,000.00
Total				R	150,000.00
Excess - (Shortfall)				R	57,090.00

The total cost in respect of Financial Provision therefore amounts to approximately R150,000-00 in Year 1, and although this amount is already available as a guarantee, it is reflected as a direct cost in the cash flow forecast.

PART 3

Chapter 9 – Capacity to Manage and Rehabilitate the Environment:

MPRDA Section 37 (2)
MPRDA Section 39 (3) (d)
MPRDA Section 39 (4) (a) (iii)
MPRDA Section 39 (5)
MPRDA Regulation 11 (1) (g) (iv)

9.1 Mitigation Measures for Impacts Identified in Chapter 3:

The following table indicates the cost, management type and frequency of each mitigation measure:

ctivity:	Environmental Aspect:	Impact Significance:	Mitigation Measures:	Frequency:	Once-off Cost:	Quarterly Cost:	Annual Cost
opsoil Removal:	Topography:	Medium Impact	The negative impact on the topography of the mining site will be addressed during backfilling.	Continuous	R0-00	R0-00	R0-00
	Soil:	Medium Impact	The following design parameters will be taken into account when designing the topsoil stockpiles: Topsoil will be removed up to a depth of 300mm or the available depth. The stockpiles must be constructed on the most gradual slope possible and limited to a height of no more than 2m. The slope of the stockpile material must be kept as low as possible to avoid extensive erosion of the natural resource. The stockpiles must be vegetated when stored for a period longer than six months. If erosion does occur the stockpiles can be stabilized through re-vegetation with pioneering grass species. Species include Eragrostis curvula and Melinis repens. Soil fertility need to be assessed and ameliorated where necessary prior to revegetation in order to ensure optimal growth.	When required	R0-00	R10,000-00	R40,000-00
	Flora:	Medium Impact	Spreading topsoil over the disturbed areas during the closure phase, and then seeding the areas with an endemic seed mixture address the impact on vegetation. It is recommended that six monthly monitoring sessions be undertaken after the topsoil was restored to assess the success of the revegetation. During these monitoring sessions additional measures such as fertilisation can be implemented if necessary.	When required	R0-00	R0-00	R0-00
	Fauna:	Low Impact	After the rehabilitation of the mining area and successful re-vegetation, the displaced animal life will return in the time to come. It is however recommended that the mine manager needs to make it clear to labourers not to hunt or trap the local fauna especially the smaller mammals.	Continues	R0-00	R0-00	R0-00
	Surface Hydrology:	Medium Impact	The regulations promulgated in Government Notice No 704 of 4 June 1999, in terms of the NWA (the National Water Act, (Act No. 36 of 1998)) shall apply to the water management and pollution control at	Continues	R0-00	R2,000-00	R8,000-00

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			the mine. The mine will make use of beams and other structures surrounding the mine areas to ensure that clean and dirty water are separated. At any time if it is identified that soil erosion is the result of storm water run-off, the mine will rectify the erosion and implement measures to ensure that				
	Air Quality:	Low Impact	The following steps will be taken: A sprinkler system will be used. Water will be drawn from the holding dam on the existing mining area. The said holding dam is fed by water drawn form the Amanzi farm dam. The water will from there be pumped into the sprinkler system. Periodic watering of the access roads will be conducted if and when required, especially in August and September before the raining season commence. Speed limits will be instated within the boundaries of the site to minimize the dust impact as a result of heavy trucks. If dust levels on site are significantly impacted on and the dust level rise above 10mg/m³ dust masks must be made available to workers.	Daily	R0-00	R8,000-00	R32,000-00
	Noise:	Low Impact	All machinery will be kept in good working order, to ensure that no unwanted noise is generated. Noisy vehicles or machinery will be repaired immediately to dampen noise levels on site.	Quarterly	R0-00	R5,000-00	R20,000-00
Excavating:	Geology:	Medium Impact	The mine will be committed to optimise the use of the mined mineral in order to ensure no resources are wasted. No other management measures will be possible.	Continues	R0-00	R0-00	R0-00
	Topography:	Medium Impact	The negative impact on the topography of the mining site will be addressed during backfilling.	Continuous	R0-00	R0-00	R0-00
	Soil:	Medium Impact	The impacts of excavating soil will be addressed during the Replacing Topsoil activities.	When required	R0-00	R0-00	R0-00
	Surface Hydrology:	Medium Impact	The regulations promulgated in Government Notice No 704 of 4 June 1999, in terms of the NWA (the	Continuous	R0-00	R0-00	R0-00

			National Water Act, (Act No. 36 of 1998)) shall apply to the water management and pollution control at the mine. The mine will make use of beams and other structures surrounding the mine areas to ensure that clean and dirty water are separated. At any time if it is identified that soil erosion is the result of storm water run-off, the mine will rectify the erosion and implement measures to ensure that erosion does not re-occur.						
	Air Quality	Low Impact	 A sprinkler system will be used. Water will be drawn from the holding dam on the existing mining area. The said holding dam is fed by water drawn form the Amanzi farm dam. The water will from there be pumped into the sprinkler system. Periodic watering of the access roads will be conducted if and when required, especially in August and September before the raining season commence. Speed limits will be instated within the boundaries of the site to minimize the dust impact as a result of heavy trucks. If dust levels on site are significantly impacted on and the dust level rise above 10mg/m³ dust masks must be made available to workers. 	Daily	R0-00	Provide above	for	Provide above	for
	Noise	Low Impact	All machinery will be kept in good working order, to ensure that no unwanted noise is generated. Noisy vehicles or machinery will be repaired immediately to dampen noise levels on site.	Quarterly	R0-00	Provide above	for	Provide above	for
Hauling:	Air Quality	Low Impact	The following steps will be taken: • A sprinkler system will be used. Water will be drawn from the holding dam on the existing mining area. The said holding dam is fed by water drawn form the Amanzi farm dam. The water will from there be pumped into the sprinkler system. • Periodic watering of the access roads will be conducted if and when required,	Daily	R0-00	Provide above	for	Provide above	for

	Noise	Low Impact	especially in August and September before the raining season commence. • Speed limits will be instated within the boundaries of the site to minimize the dust impact as a result of heavy trucks. • If dust levels on site are significantly impacted on and the dust level rise above 10mg/m³ dust masks must be made available to workers. All machinery will be kept in good working order, to ensure that no unwanted noise is generated. Noisy vehicles or machinery will be repaired immediately to dampen noise levels on site.	Quarterly	R0-00	Provide for above	Provide for above
Replacing Topsoil:	Topography	Medium Impact	The negative impact on the topography of the mining site will be negated once all the stockpiled material is removed to the processing plants or backfilling into the quarry pit.	During closure phase	R20,000-00	R0-00	R0-00
	Surface Hydrology:	Medium Impact	The regulations promulgated in Government Notice No 704 of 4 June 1999, in terms of the NWA (the National Water Act, (Act No. 36 of 1998)) shall apply to the water management and pollution control at the mine. The mine will make use of beams and other structures surrounding the mine areas to ensure that clean and dirty water are separated. At any time if it is identified that soil erosion is the result of storm water run-off, the mine will rectify the erosion and implement measures to ensure that erosion does not re-occur.	Continuous	R0-00	R2,000-00	R8,000-00
	Air Quality	Low Impact	The following steps will be taken: A sprinkler system will be used. Water will be drawn from the holding dam on the existing mining area. The said holding dam is fed by water drawn form the Amanzi farm dam. The water will from there be pumped into the sprinkler system. Periodic watering of the access roads will be conducted if and when required, especially in August and September before the raining season commence. Speed limits will be instated within the boundaries of the site to minimize the	Daily	R0-00	Provide for above	Provide for above

			 dust impact as a result of heavy trucks. If dust levels on site are significantly impacted on and the dust level rise above 10mg/m³ dust masks must be made available to workers. 				
	Noise	Low Impact	All machinery will be kept in good working order, to ensure that no unwanted noise is generated. Noisy vehicles or machinery will be repaired immediately to dampen noise levels on site.	Quarterly	R0-00	Provide for above	Provide for above
Dust Suppression:	Noise	Low Impact	All machinery will be kept in good working order, to ensure that no unwanted noise is generated. Noisy vehicles or machinery will be repaired immediately to dampen noise levels on site.	Quarterly	R0-00	Provide for above	Provide for above
TOTAL:					R20,000-00	R27,500-00	R108,000- 00

9.2 Mitigation Measures for Impacts Identified by affected parties:

N/A, none were identified.

9.3 Mitigation Measures for Impacts Identified by State Departments:

No impacts were identified by any State Departments.

9.4 Mitigation Measures for Socio-economic Impacts:

Due to the lack of negative impacts in this regard, no mitigation measures are required.

9.5 Mitigation Measures for Cultural Impacts:

Due to the lack of negative impacts in this regard, no mitigation measures are required.

PART 4

Chapter 10 - Undertaking:

MPRDA Regulation 51 (b) (viii)

This ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT supersedes all other previously relevant Company policies, procedures, programmes or plans.

OBJECTIVES:

The objectives of this ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT are:

- To provide measures for effective and optimal mining and disposal of state or privately owned minerals as envisaged in the Minerals and Petroleum Resources Development Act (28/2002) and the Regulations;
- To provide measures for effective management of potential impacts, as well as measures to ensure that impacts on the biophysical, socio-economical, and cultural environments are kept to a minimum.
- To provide proof of financial provision for rehabilitation;
- To ensure the effective concurrent ongoing rehabilitation.
- We, Phillip Fitzpatrick Niven and Gavin Eales, the undersigned and duly authorised thereto by Inzulu Mining Co (Pty) Ltd and Sunshine Coast Crushers CC, respectively, undertake to"
- Actively ensure the adherence to the provisions of this ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT;
- Ensure the contents and requirements of this ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT are communicated to employees, where required;
- Promote a safe, effective and environmentally healthy operation;
- Regularly monitor the implementation of the Programme;
- Submit the prescribed reports to the relevant authorities.

Signed at Port Elizabeth on this 1 day of October 2009.

Designation: Director of Inzulu Mining Co (Ptv) Ltd

Signature of responsible person:

Designation: Member of Sunshine Coast Crushers CC

SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



ANNEXURE A

SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



MAP 1 – LOCALITY PLAN



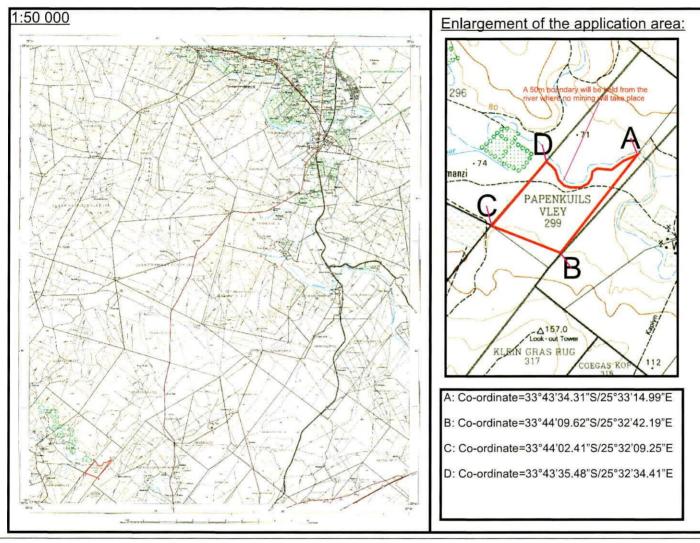
SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



MAP 2 - REGULATION 2(2) PLAN

Regulation 2(2) Plan Inzulu Mining co (PTY)Ltd Co Reg No 2003/010519/07





REFERENCE :1			
National Freeway: National Route	_	1	
Arterial Route		=	$\overline{}$
Main Road	_		
Secondary Road; Bench Mark	_		-
Other Road; Bridge	-	,	
Track and Hiking Trail			
Railway, Station or Siding	_	0	_
Other Railway; Tunnel	_		_
Embankment; Cutting		# 4	THE REAL PROPERTY.
Power Line	-	•	• •
Built-up Area		15/05	
Buildings; Ruin			L
Post Office; Police Station; Store		.PS	. W
Place of Worship; School; Hotel	•K	.5	• H
Fence, Wall			
Windpump;Monument	×		İ
Communication Tower		Y	
Mine Dump; Excevation	The same		ems
Trigonometrical Station, Marine Beacon	Δ		4
Lighthouse and Marine Light		*	
Cemetery; Grave		•	+

REFERENCE:2	
International Boundary and Beacon	
Provincial Boundary	
Game, Nature Reserve & State Forest Boundary	
Perennial River	-
Perennial Water	0
Non-perennial River	
Non-perennial Water	()
Dry Water Course	
Dry Pan	-
Marsh and Viei	
Pipeline (above ground)	Р
Water Tower; Reservoir; Water Point	SWT SR. OF
Coastal Rocks	musseum
Prominent Rock Outcrop	Water This is an agree
Erosion; Sand	prof. F. P.
Woodland	
Cultivated Land	
Orchard or Vineyard	
Recreation Ground	Rec
Row of Trees	2020200

Description:

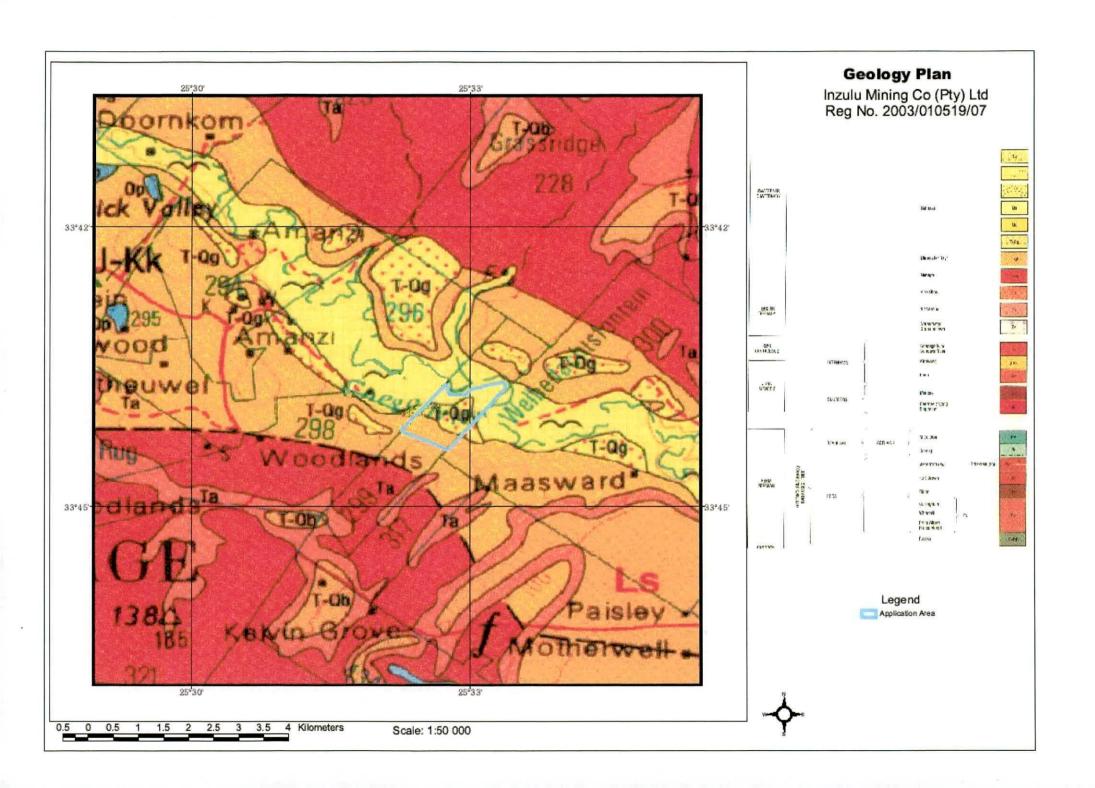
The figure A,B,C,D, middle of Couga river, A, represents the mining area in extent of 82.995 ha, namely a portion of the farm Papenkuils Vley 299, Magisterial District of Uitenhage, relating to an new application for a mining right in terms of section 22 of the MPRDA, for Sand and Stone.

Signed:	
Date:	
Approved:	
Date:	

SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



MAP 3 – GEOLOGY PLAN

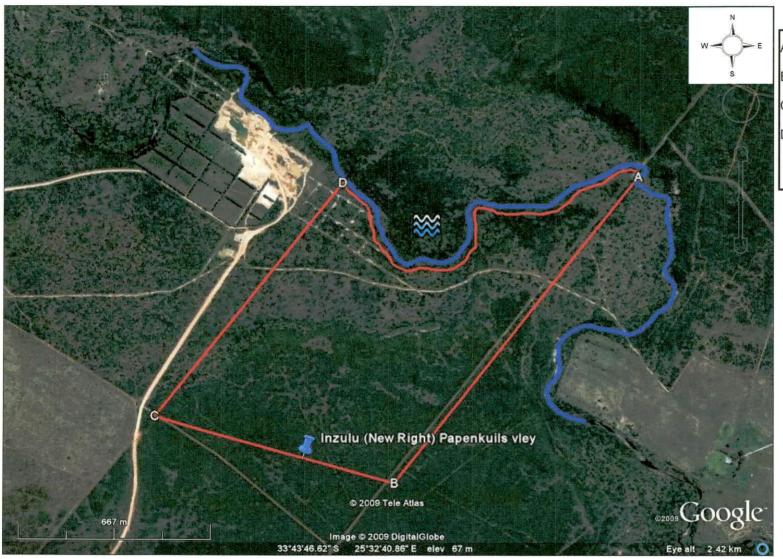


SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



MAP 4 – HYDROLOGY PLAN

Hydrology Plan: INZULU MINING CO (PTY)LTD CO REG NO 2003/010519/07



Co-ordinates of the mining area:

- A: Co-ordinate=33°43'34.31"S/25°33'14.99"E
- B: Co-ordinate=33°44'09.62"S/25°32'42.19"E
- C: Co-ordinate=33°44'02.41"S/25°32'09.25"E
- D: Co-ordinate=33°43'35.48"S/25°32'34.41"E
- D-A: Following the river.
- -River
- River flow
- -Mine area

Description:

The figure A,B,C,D,A represents the mining area, namely a portion of the farm Papenkuils Vley 299, Magisterial District of Uitenhage, relating to an new application for a mining right in terms of section 22 of the MPRDA, for Sand.

SUBMITTED IN SUPPORT OF AN APPLICATION FOR A MINING RIGHT IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE.



ANNEXURE B

ADVERTISE IN CLASSIFIEDS ONE 041 991

KERK TYE:

olle Evangelie kerk Despatch Kerk straat Oggenddiens - 09h30 Aanddiens - 18h30 Kinder Kerk - 8h30 Navrae: Ps. A Kelso 083 225 5435 041 933 1287

0001 **SERVICES**

All plumbing

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ROPERTY

NHAGE

4 BEDROOMS: W/Hoek Drive: R4500 VANES+ POOL: R5750

3 BEDROOMS: F/Bridge: R2800 Vallesig: R3820 R3350 Central VALLESIG wat R3500 Vanes Estate: Sch/Hoogte: STRELIZIA: R3200 ROSEDAL F R2860 V/R/HOOGTE: SENTRAAL: R4680 R3500 R3500 R3300 SENTRAAL: DEMIST

2 BEDROOMS:

Central: R2500 R3430 Dr Braun+Flat: R Flat Upper central: R2800

G/FLAT

V/R/Hoogte batch R1700

DESPATCH

4 BEDROOMS:

HEUWELKRUIN: R3900

3 BEDROOMS:

PA R4000 ВО SRUS: R3800 (end July) BOTHASRUS+SWEMBAD +FLAT: R5720 2 BEDROOMS:

RIVER VIEW ESTATE R3000-R3500 MANORHEIGHTS: R2630

G/FLAT

RETIEF 1BEDR: R1700 HOOFSTRAAT: R1830

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BAIE BESIGHEIDS IN UTH. /DESP./ PE KOTIE: 076 996 5408 MARIAAN: 084 812 6439 ANINE: 083 419 3071

DESPATCH

Four bedroom house near primary school. ThreeBathrooms, swimming pool, kitchen, entertainment area, lounge, dining room anddouble carport. Immediately available. Prize R4600.00pm plus R4600,00 deposit. Tel

072 337 3328

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Spacious Garden flat. 2 Bedrooms, lounge, bathroom includes M-net and water. Private entrance. Access to swimming pooland braai area. Available 1 July 2009. Regret no animals. Prize R3300,00and R3300,00 deposit. Tel 072 337 3328

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LOSIES PER PERSOON OP KLEINHOEWE 2 KM VANAF UITENHAGE R1600 PER MAAND **ETES INGESLUIT** KONTAK MARY BY

071 352 7763 CARS WANTED

WANTED CARS LDV'S ,TRAILERS FOR CASH TEL/FAX 041 991 1076 082 656 8822

Jesus new of Peter <u>≥</u> dead hope through



Laerskool Innes se BUILLET, IJE RUGBY Span Saam met Sam Gerber Buite Senter van Bayonn Rugby Club in FRANKRYK.

Sam Gerber is die seun van Sollie Gerber Oud Springbok Danie Gerber se broer

NOTICE OF PROPOSED MINING ACTIVITIES

DME File Ref No: EC 30/5/1/2/2/0211 MR

Notice is hereby given of the intention to undertake sand and stone mining activities in terms of Section 22 of the Mineral and Petroleum Resources Development Act 28 of 2002 on a portion of the farm Papenkuils Vley 299 in the Uitenhage Magisterial District:

Inzulu Mining Co (Pty) Ltd

All interested and affected parties are hereby notified to register as an interested or affected party by contacting the appointed consultant through fax or e-mail. Please include your contact details and any concerns, objections or support for the project together with an indication as to why you are either affected or interested.

Future Mining Consultants

- futuremining@gmail.com
- Fax: 086 691 2411

Please note that the closing date for receiving your registration, comments, concerns and objections is 31 May 2009.

For any further enquiries please contact the consultant (André Richter 083 5757671)



Benji Breytenbach saam met sy oom Sam Gerber en sy beste vriend Nathan Lisher altwee in Graad 1 in Laerskool Innes op Uitenhage. In die agtergrond sit Stanley

Sam Gerber, Jamie-Leigh Lisher en Jamie se ouma Marietiie Fourie



E -mail adlprop@telkomsa.net

STRELITZIA:R780 000 UPPER SENTR: R350 000

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D/GARAGE

3BEDR,KITCH,2BATH, 3 L/ A,GAR,LOVELY GARDEN LOVELY 2BEDR, MODR KITCH + HOBCALL NOW UPPER SCH:Bargain R300'S

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K,IGK D/M/H ONDERDAKBRAAI

SENTRAAL -R550 000 3S/K, 2L/A, IGK GROOT K/BUIS

. WOONSTEL ENS ERWE TE KOOP TEEN R200 000 EN R140 000

HUISE TE HUUR@ R5000 , R3500 KONTAKT ONS RINA 083 270 6515 JO 076 787 9948

SANTIE 082 574 4381

IGK KOMBUIS ENS HEUWELKRUIN-R550 000 3/SK SKAMER EET/KL/ KAMER ,IGK M/HUIS. AZALIA PARK-R550 000 SIERSTEEN 3 S/K HUIS, 2 B/

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- SAIDA & SAIA Approved Monitoring Control Centre
- SAIDA & SAIA Approved Armed Response Units 24 Hour Guarding Division

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a few available in this upmarket

suburb. Ronnie Vogel 072 285 0318 Ro

R 800 's ! Fitted kitch, 2 l/rooms, 3 bed(bic), a/ con, 2 garage on remote, Plus lovely 1 bedroo flat with c/port+++ Ronnie Vogel 072 285 0318



KOM TREE AF IN DIE PRATIGE SONDAGSRIVIER VALLEA 4 SLAAPKAMER B&B EN 5 SELFSORG EENHEDE 2 KARAWAAN SLAPPLEKKE VOLLEDIG TOEGERUS SLAAPPLEK VIR 5 VOERTUIE VOLLEDIG

TOEGERUS

PRAGTIGE TUINE ALLES OP 8 HEKTAAR WATER EN KRAG VOLLEDIG, NABY DIE ADDO OLIFANT NASIONALE PARK: ALLES VIR 6.5MILJOEN ONDERHANDELBAAR. KONTAK: HESTER GROENEWALD

SEL: 082 472 2534 KANTOOR: 042 230 0070



PAM GOLDING **PROPERTIES** RENTALS

TEL (041) 933 5301, FAX (041) 933 5116 Cell Nr 076 421 6387

EMAIL: debbie.thompson1@pamgolding.co.za

UITENHAGE

Scheepershoogte – 2 bedrooms – R3000 Fairbridge Heights - Garden Flat - R1800 Valleisig - 3 bedrooms - R3000 Vanes - 3 bedrooms - R4500

DESPATCH

Campher Park - 3 bedrooms - R4800 Azalea Park -3 bedrooms - R3500 Bothasrus (+Flat) - 3 bedrooms - R5500

Heuwelkruin - 3 bedrooms - R3500

GENTLY LOOKING FOR RENTALS IN ALL AREAS. WE HAVE A WELL-ESTABLISHED RENTAL DIVISION. QUALIFIED TENANTS.



Gavin Eales

From:

Desmond Eales [desmond@glendoresand.co.za]

Sent:

19 August 2009 03:15 PM

To:

Andre Richter

Cc.

inzulumining@gmail.com

Subject: Contact details - Amanzi

Good afternoon Andre

The adjacent landowner details for the Amanzi application for the 2nd phase are as follows:

Mr. Heine Stumpke, Aalwynhoek, P.O.Box 442, Uitenhage 6232

PPC Cement, Attention: Mr. Kerneels Grundlingh, Private Bag X2016, North End, Port Elizabeth, 6056

Mr. Grant Ranger, 34 Constitution Road, Uitenhage. 6230

Nu Way Housing Development, Coega Project, Attention: Mr. Jordan Mann, P.O.Box 650, Randburg 2125

Dubula Properties, 81 Brighton Drive, Summerstrand, Port Elizabeth 6001

Kings Crest Housing Development, 81 Brighton Drive, Summerstrand, Port Elizabeth 6001

As you know, these need to be sent off as a matter of urgency as the EMP has to be in by 1 October 2009. Please advise if you will attend to this or if you wish us to send the letters, please e-mail a copy of the letter so that we can post tomorrow.

Regards

Desmond Eales

Managing Director Glendore Group Tel: (041) 366 1917 Fax: (041) 366 1193 Direct Fax: 086 545 5804 Cell: 082 555 2458

×	
<u></u>	



PO Box 650, Randburg 2125 Block A, 367 Surrey Ave. Ferndale, Randburg Tel: (011) 789-3334 Fax: (011) 886-2801 Toll Free: 0800 118 982 E-mail: info@nuway.co.za Website: www.nuway.co.za

25 September 2009

AS Richter trading as FUTURE MINING CONSULTANTS PO Box 53287 WIERDA PARK 0149

ATT: Mr. André Richter

CELL: 083 575 7671 FAX: 086 691 2411

RE: NOTICE OF APPLICATION FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 OF 2002) ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

DME Ref# EC30/5/1/2/2/0211 MR

Good day Sir,

We would like to raise our concerns and objection regarding the biodiversity aspects of the proposed mining area.

Herewith a biodiversity study concluded by our Environmental Scientist, Warrick Stewart from SRK Consulting, Port Elizabeth.

The following biodiversity issues are of importance regarding the proposed site for mining within Papenkuils Vley 299:

- 1. The entire property is in a natural state;
- The systematic Final Conservation Assessment and Plan for Nelson Mandela Bay (SRK Consulting, 2009) was updated during 2007/8 and finalised in 2009. In terms of this plan, the northern part of the site has been identified as a Critical Biodiversity Area (see Figure 1 below) and part of the NMBM's Conservation Network.

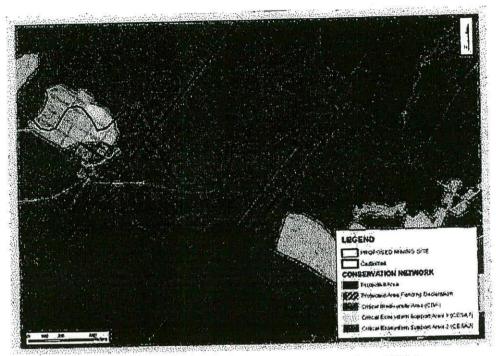


Figure 1: Proposed mining site and the location of Critical Biodiversity Areas (CBAs).

This network extends between 200 and 320 m south of the Coega River on the property. Furthermore, the guidelines for Critical Biodiversity Areas are as follows:

- No further loss of natural habitat should occur i.e. all land in this category should be maintained as natural vegetation cover.
- These areas of land can act as possible offset receiving areas.
- Mimic or maintain natural ecological processes; for example fire in Fynbos, Grassland and Dune Thicket vegetation types.
- Prioritise these areas for land care projects, WfW, Working for Wetlands and NGOs to direct their conservation projects, programmes and activities;
- An Environmental Management Plan should be compiled, where possible, to include, e.g. alien plant control, fire management etc.;
- CBAs not formally protected (public or private) should be rezoned to POS 3, declared as a
 protected areas in terms of NBM: Protected Areas Act and incorporated into the protected area
 network through a Conservation Agreement with the NMBM. Title deed restrictions must be
 attached to these. Rates rebates may be available in return.;
- Degraded or disturbed CBAs will require restoration or rehabilitation through programmes such as Working for Water, Working for Wetlands;
- Rezoning of properties to afford additional land use rights should not be granted;
- Developments should be limited to existing developed/degraded footprints, if present;
- Permitted number of units per erf or per ha to be based on existing land use rights. However, a
 maximum of 2 dwelling units per erf permitted at a combined maximum footprint of 1 500m²;
- Units carefully dispersed or clumped to achieve least impact, particularly with regard to habitat loss and fragmentation;
- The following minimum buffers are recommended between CBAs and proposed development nodes
 - Forest: outside urban edge: minimum of 100m, urban areas minimum of 30m; and
 - Other biomes: minimum of 50m;
- The installation of infrastructure in CBAs is not desirable and should only be considered if all
 alternative alignment and design options have been assessed and found to be non-viable. Under such
 conditions, a Basic Assessment should be undertaken, and if approved a comprehensive EMP must
 be developed and best-practice restoration efforts strictly implemented;

From: jordan +27118867519 25/09/2009 12:39 #639 P. 002

 Green Architecture & Technology, e.g. Enviro-loos, solar panels, water & energy saving devices, rainfall harvesting;

Specialist Ecologist to conduct the environmental assessment, in consultation with DEDEA, NMBM,

and DWAF;

Where infrastructure is within close proximity to aquatic ecosystems refer to 'CBA - Aquatic Ecosystems' below to ensure appropriate buffers:

The Target Water Quality Range (TWQR) (range of concentrations or levels) should ensure that no measurable adverse effects are expected on the health of aquatic ecosystems, and should therefore ensure their protection.

- A precautionary approach is required to protect the health of aquatic ecosystems, which means that active measures are taken to avert or minimise potential risks of undesirable impacts on the environment.Do not permit infilling, excavation, drainage, hardened surfaces (including buildings and asphalt), intensive agriculture or any new developments within a river, wetland or estuary, their buffers, the 1:100 year floodline or highest flood line of the delineated edge, whichever is the greatest.
- 3. The southern and central part of the property is also in a natural state, but does not fall within the NMBM's conservation network. However, a minimum of a 50 m conservation buffer should be maintained south of the CBA corridor. The NMBM Conservation Plan guidelines also state that "For vegetation types outside of CBAs and CESAs 1 and 2, development should be subject to biodiversity offsets if the impact of habitat loss is of a medium significance or greater in the following ratios:

Endangered Areas should be subject to an offset ratio of 20:1.

Vulnerable Areas should be subject to an offset ratio of 10:1.

Least Threatened Areas is not subject to offset investigation or offset ratios".

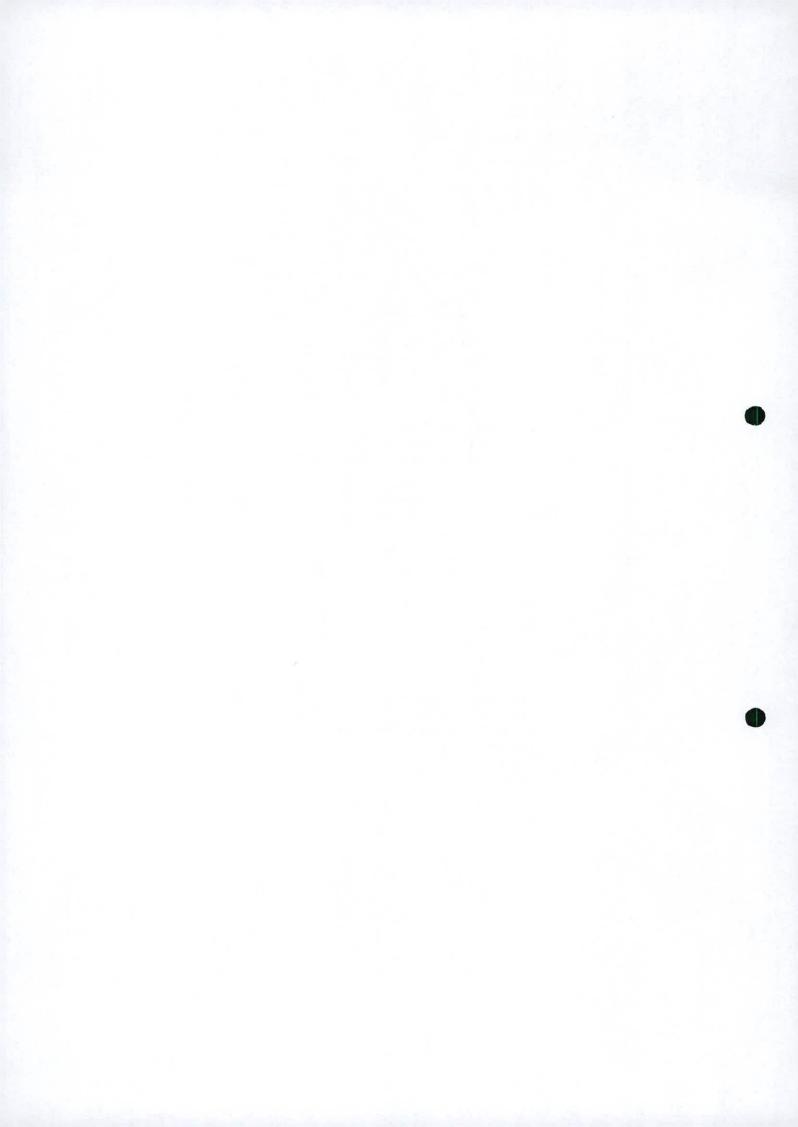
4. It is therefore requested that the recommendations and guidelines of the Municipal Council approved Final Conservation Assessment and Plan for Nelson Mandela Bay (SRK Consulting, 2009) and the Final NMBM Spatial Development Framework (2009) be complied with.

Regards

JORDAN MANN DIRECTOR

CC.

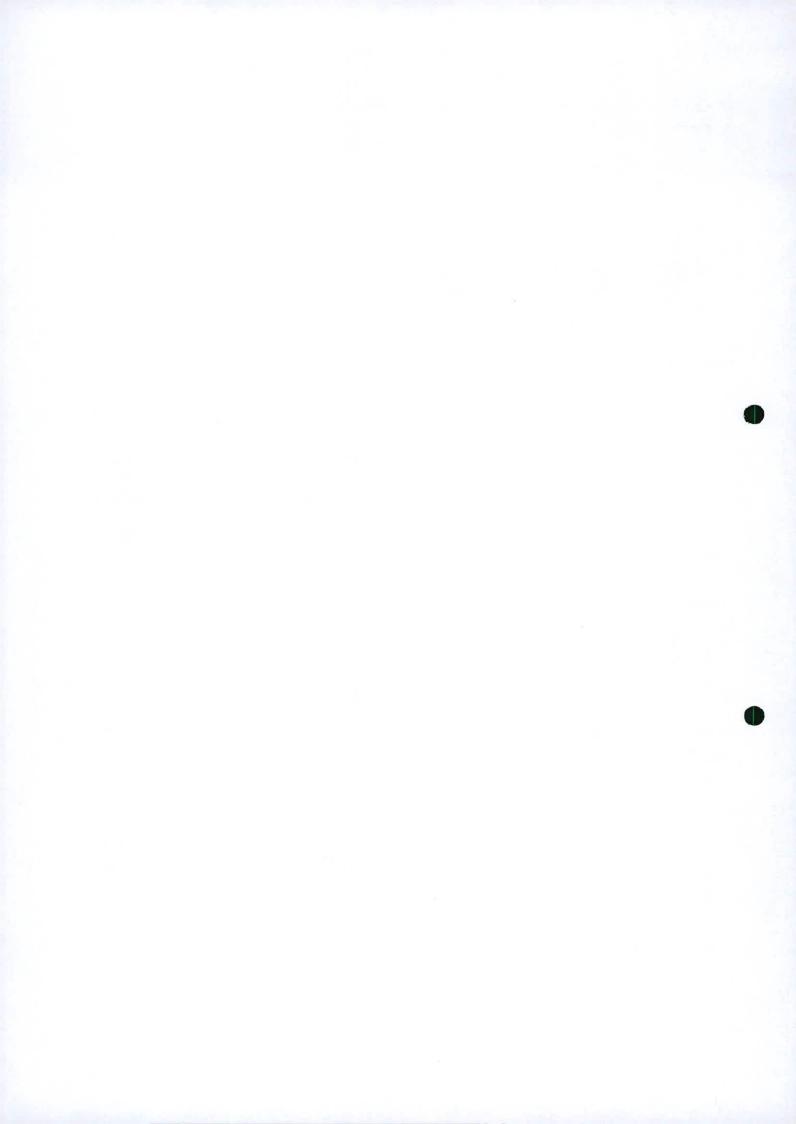
Acting Regional Manager
Estern Cape Region
Department of Minerals and Energy
Private X6076
Port Elizabeth
1035



CONFIRMATION OF CONSULTATION AND STATEMENT BY AFFECTED PARTY (FOR INCLOSURE IN THE ENVIRONMENTAL MANAGEMENT PROGRAMME)

APPLICATION FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

DME REF NUMBER:	EC30/5/1/2/2/0211 MR
	AFFECTED PARTY:
	(Please indicate your title, initial(s), surname name, capacity, company, local municipality, postal address and contact number in the space provided below)
Title, Name and Surname:	PHILLY FITZ PATRICE NIVEN
Capacity (for instance land owner,	DIRECTOR. SHAREHULDER
neighbour, company name, local	AMENZI ESTATE (STY) WO
municipality, etc):	LITENHAGE NELSON MANDELA METROPOLE
Postal and/residential address:	1.0. Box 644
	UITENHAGE 6230.
	041 5836942
Contact number:	082 3271577



The Director: Mineral Development Eastern Cape Region Department of Minerals and Energy Private Bag X6076 PORT ELIZABETH 6000

Sir/Madam

CONFIRMATION OF CONSULTATION IN RESPECT OF APPLICATION FOR A FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

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EC30/5/1/2/2/0211 MR

1 HILLP FITZPATEICK	Nivey	(ID NO 6204275007088
representatives of Inzulu Mining proposed mining project and info	Co (Pty) Ltd per ormed me in sh	affected party, hereby confirm that one of the sonally consulted me in regard to the above ort regarding the proposed mining methods, to its intended mining and related activities on

I further wish to state that I have no objection to raise against the above proposal, provided that the provisions of all mining and related legislation/regulations be adhered to by the said applicant.

I hereby reserve all my rights as to scrutinise the Environmental Management Programme to be submitted to your office by the said applicant.

Yours faithfully,

Prum (Signiture)

P.F. NWEN (Initials and Surname)

15th Annut 2009. (Date and Place)

CONFIRMATION OF CONSULTATION AND STATEMENT BY AFFECTED PARTY (FOR INCLOSURE IN THE ENVIRONMENTAL MANAGEMENT PROGRAMME)

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DME REF NUMBER:	EC30/5/1/2/2/0211 MR
	AFFECTED PARTY:
	(Please indicate your title, initial(s), surname name, capacity, company, local municipality, postal address and contact number in the space provided below)
Title, Name and Surname:	PHILIP FITZ PATRICK NIVEN.
Capacity (for instance land owner,	DIRECTOR SHAREHUDER.
neighbour, company name, local	Kinus Crest Howing Derewoment
municipality, etc):	0
Postal and/residential address:	BI Porglton Drive Summersonsons PORT ELIZASETH
	PORT ELIZABETH
Contact number:	60.13

The Director: Mineral Development Eastern Cape Region Department of Minerals and Energy Private Bag X6076 **PORT ELIZABETH** 6000

Sir/Madam

CONFIRMATION OF CONSULTATION IN RESPECT OF APPLICATION FOR A FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

DME REF NUMBER:	EC30/5/1/2/2/0211 MR

FITZPATRICK NIVE (ID NO 62 OY 275007)OKE. the undersigned and in my above capacity as an affected party, hereby confirm that one of the representatives of Inzulu Mining Co (Pty) Ltd personally consulted me in regard to the above proposed mining project and informed me in short regarding the proposed mining methods, access, possible impacts, rehabilitation, etc, relating to its intended mining and related activities on the above mining area.

I further wish to state that I have no objection to raise against the above proposal, provided that the provisions of all mining and related legislation/regulations be adhered to by the said applicant.

I hereby reserve all my rights as to scrutinise the Environmental Management Programme to be submitted to your office by the said applicant.

Yours faithfully, (Signiture) F. NWEN. (Initials and Surname) 2∞9 o9 o1 (Date and Place)

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EC30/5/1/2/2/0211 MR

AFFECTED PARTY:

(Please indicate your title, initial(s), surname name, capacity, company, local municipality, postal address and contact number in the space provided below)

litte, Name and Surname:	MR MASON CHARLES KANGER
Capacity (for instance land owner,	ADDINING LAND OWNER
neighbour, company name, local	
municipality, etc):	***************************************
Postal and/residential address:	34 CONSTITUTION RD
	UITENHAGE
Contact number:	041 9924239

The Director: Mineral Development Eastern Cape Region Department of Minerals and Energy Private Bag X6076 PORT ELIZABETH 6000

Sir/Madam

CONFIRMATION OF CONSULTATION IN RESPECT OF APPLICATION FOR A FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

DME REF NUMBER:

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I hereby reserve all my rights as to scrutinise the Environmental Management Programme to be submitted to your office by the said applicant.

Yours faithfully,

All Ry (Signiture)

M.C. RANGER (Initials and Surname)

25/08/09 UITKNHAGE (Date and Place)

CONFIRMATION OF CONSULTATION AND STATEMENT BY AFFECTED PARTY (FOR INCLOSURE IN THE ENVIRONMENTAL MANAGEMENT PROGRAMME)

APPLICATION FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

DME REF NUMBER:	EC30/5/1/2/2/0211 MR
	AFFECTED PARTY:
	(Please indicate your title, initial(s), surname name, capacity, company, local municipality, postal address and contact number in the space provided below)
Title, Name and Surname:	Than tuxolo Vusani
Capacity (for instance land owner,	Ward Caunalla
neighbour, company name, local	NMMM
municipality, etc):	
Postal and/residential address:	32381 Maakruane Str
	Morth Adalo Road
	Mothorwell
Contact number:	0717840261
	Evuseni. @ hmmm. Gov. Co. 29

The Director: Mineral Development Eastern Cape Region Department of Minerals and Energy Private Bag X6076 PORT ELIZABETH 6000

Sir/Madam

CONFIRMATION OF CONSULTATION IN RESPECT OF APPLICATION FOR A FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

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Yours faithfully,

submitted to your office by the said applicant.

(Signiture)

26 68 69 (Date and Place)

EC30/5/1/2/2/0211 MR

the undersigned and in my above capacity as an affected party, hereby confirm that one of the representatives of Inzulu Mining Co (Pty) Ltd personally consulted me in regard to the above proposed mining project and informed me in short regarding the proposed mining methods, access, possible impacts, rehabilitation, etc, relating to its intended mining and related activities on the above mining area.
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I hereby reserve all my rights as to scrutinise the Environmental Management Programme to be

CONFIRMATION OF CONSULTATION AND STATEMENT BY AFFECTED PARTY (FOR INCLOSURE IN THE ENVIRONMENTAL MANAGEMENT PROGRAMME)

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DME REF NUMBER:	EC30/5/1/2/2/0211 MR
	AFFECTED PARTY:
	(Please indicate your title, initial(s), surname name, capacity, company, local municipality postal address and contact number in the space provided below)
Title, Name and Surname:	H. Stunke
Capacity (for instance land owner,	Owner
neighbour, company name, local	
municipality, etc):	
Postal and/residential address:	Box 442
	Uiten hage
	6230
Contact number:	072 701 9270

The Director: Mineral Development Eastern Cape Region Department of Minerals and Energy Private Bag X6076 PORT ELIZABETH 6000

Sir/Madam

DME REF NUMBER:

the above mining area.

CONFIRMATION OF CONSULTATION IN RESPECT OF APPLICATION FOR A FOR A MINING RIGHT FOR SAND AND STONE IN TERMS OF SECTION 22 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, 2002 (ACT 28 of 2002), ON PORTION OF THE FARM PAPENKUILS VLEY 299, MAGISTERIAL DISTRICT OF UITENHAGE: INZULU MINING CO (PTY) LTD

EC30/5/1/2/2/0211 MR

$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	
Heirrich Stunke	(ID NO 600919 D87 087
the undersigned and in my above capacity as an affected part	v. hereby confirm that one of the
representatives of Inzulu Mining Co (Pty) Ltd personally consi	ulted me in regard to the above
proposed mining project and informed me in short regarding	the proposed mining methods,

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I hereby reserve all my rights as to scrutinise the Environmental Management Programme to be submitted to your office by the said applicant.

Yours faithfully,

(Signiture)
 (Initials and Surname)
 (Date and Place)

FAXED THIS ACKNOWLEDMENT AND STATEMENT THROUGH TO MR MANN AT THE END OF ANNUAL ACKNOWLEDGEMENT OF RECEIPT I, the undersigned,, representative of Pretoria Portland Cement, hereby acknowledge receipt of Notification of Application for a Mining Right for sand and stone on Portion of the farm Papenkuils Vley 299, Magisterial district of Uitenhage: Inzulu Mining Co (Pty) Ltd.

Date.....

Nu WAY HOUSING DEVELOPMENT

011 789 3334.

CO JORDAN MANN.

367 SURREY AVE

FERNOALE

PO Box 650 Pandling

2125

FAX 086 544 7453.

ACKNOWLEDGEMENT OF RECEIPT

Signed. Signed. Date. 07/09/09

MR PAUL MAKE PPC SANDTON 6 8 2601 9448 (011) 386-9000

Gavin Eales

From:

Stewart, Warrick [WStewart@srk.co.za]

Sent:

02 October 2009 02:36 PM

To:

Andre Richter

Cc:

inzulumining@gmail.com; Gardiner, Rob

Subject:

RE: Inzulu Mine: Amanzi Estate, Uitenhage District

Attachments: 398370_NuWay_Mining_Site_21Sep09.pdf

Dear Andre

Attached please find the figure as requested.

Kind regards Warrick Stewart

Warrick Stewart Senior Environmental Scientist SRK Consulting

Ground Floor, Bay Suites 1a Humewood Road Humewood, Port Elizabeth

P.O. Box 21842 Port Elizabeth 6000 South Africa

Tel: +27 (41) 5094800 Fax: +27 (41) 5094850 Cell: +27 (0) 83 2991977 Email: wstewart@srk.co.za

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"... if we don't act [soon], the overall costs and risks of climate change will be equivalent to losing at least 5% of global GDP each year, now and forever" (Stern 2007).

From: Andre Richter [mailto:futuremining@gmail.com]

Sent: 02 October 2009 01:56 PM

To: Stewart, Warrick

Subject: Fwd: Inzulu Mine: Amanzi Etate, Uitenhage District

Mr W Stewart

I received the attached letter by fax from Nu-Way Housing, which is self explanatory. Future Mining Coconsultants did the public participation and drafted all the documents pertaining to the application. I did however not consult them, but they apparently obtained my details and the

consultation notice from PPC. Elize from Nu-Housing gave me your Email address and as to obtain a **colour copy** of the map, as I am not able to interpreter same. Can you please email me same ASAP as the EMP must be in by the end of the week.

As I have to finilise the draft EMP by Monday afternoon, please forward the map to me ASAP.

Tanks

Andre Richter

Future Mining Consultants

Home Page: http://sites.google.com/site/futureminingconsultants/

Email : futuremining@gmail.com
Email2 : rich08@absamail.co.za

Cell no :083 575 7671 Fax no :086 691 2411



