

## PLATREEF RESOURCES MOKOPANE PUBLIC MEETING - MEETING MINUTES FOR

### ENVIRONMENTAL AUTHORISATIONS FOR THE PROPOSED PLATREEF UNDERGROUND MINE PROJECT, NEAR MOKOPANE IN THE LIMPOPO PROVINCE

Project No: PLA1677

**Date:** 11 August 2013

#### 1 PRESENT:

Community members from the following villages were represented at the meeting.

- Mahwelereng
- Sekgakgapeng
- Mzombani (also known as 7 Miles)
- Maseshlaneng
- Masodi

The general public were also invited to attend this meeting. Attendance registers are attached (Appendix A)

**Table 1: Project Team** 

Name	Organisation	Capacity
Jacob Motswaledi	Platreef	Site General Manager
John Pumbo	Platreef	Government Community Liaison
Barbara Wessels	Digby Wells	Project Manager
Steve Horak	Digby Wells	Public Participation
Zanda Jakavula	Digby Wells	Public participation – Minute taker
Jimmy Mnisi	Di – idea	Facilitator
Lekau Kekana	Mogongoua Community	Interpreter

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#### 2 PRESENTATIONS

#### 2.1 Welcome, Introductions and Objectives

Everyone was welcomed and thanked for attending the meeting and for the opportunity provided to present the draft Scoping Report for the Mining Right Application (MRA) for Platreef's proposed underground mine. The project team was introduced and it was highlighted that Digby Wells will be presenting the Environmental and Social Impact Assessment (ESIA) process as the appointed independent Environmental Assessment Practitioner (EAP). The background and current status of the project was given.

#### 2.2 Meeting Proceedings

10:07 – 10:10	Mr Jacob Motswaledi – Welcoming and Introductions, Platreef Representative
10:10 – 10:30	Ms Barbara Wessels – Presentation, Digby Wells
10:30 – 11:00	Mr Steve Horak – Presentation, Digby Wells
11:00 – 13:10	Mr Jimmy Mnisi – Questions and Answers, Di-dea
13:10 – 13:19	Mr Jacob Motswaledi – Closing Remarks, Platreef Representative

The presentation made at the meeting is attached as (Appendix B).

#### 3 COMMENTS/ISSUES AND SUGGESTIONS

Comments raised by stakeholders during the meeting and responses provided are included as part of Table 2.



**Table 2: Stakeholder Comments** 

NAME AND SURNAME	VILLAGE/ORGANISATION	COMMENT	RESPONSE
Mr France Makgafela	Maseshlaneng	Platreef announced the acceptance of the Mining Right Application (MRA) application, which other applications were submitted by Platreef to the Department of Mineral Resources (DMR) in the past year? Has the community been informed of these applications?	The application being discussed today is for the mining right which was submitted to the DMR this year, but various other applications were submitted to other departments and accepted earlier in the year such as the National Environmental Management Act (NEMA) and National Environmental Management Waste Act (NEMWA) applications. The consultation for these applications was undertaken on 7 July 2013 and forms part of the consultation process of the MRA. The Bulk Sampling application was also submitted last year and is still under review with the DMR. The Integrated Water Use Licence Application (IWULA) will be submitted later in the year. All these applications will be supported by a public participation process.
Mr France Makgafela	Maseshlaneng	Was there an extension to the original Prospecting Right for additional minerals?	The application process for the prospecting right is to first submit an application, and comply with the consultation requirements of the application. If any other minerals are found in the area and the mining company is interested in prospecting for these minerals an amendment to the application can be made and a consultation process would need to be followed.
Mr France Makgafela	Maseshlaneng	Has Platreef compiled and submitted a Social Labour Plan for the Mining Rights Application, and has the community been given an opportunity to participate and share its views?	The Social Labour Plan is developed when applying for a Mining Right. This is a document between Platreef and the DMR which is only implemented if the Mining Right has been approved.
Mr Kekana	Masodi	Upon commencement of the meeting, it was announced that there would be a presentation on Broad Based Black Economic Empowerment (BBBEE), but that	BBBEE is a separate aspect and there have been consultation meetings taking place relating to BBBEE matters. This meeting is to discuss the Mining Right Application for the proposed project.



NAME AND SURNAME	VILLAGE/ORGANISATION	COMMENT	RESPONSE
		has not happened.	
Mr Dudu Phuti	Mosodi	Should a Smelter be needed in future, what will the plan of action be?	At this stage, Platreef will not build its own smelter but might build one in the future. Should it be decided to build a smelter, environmental authorisation will be required, including consultation with Interested and affected Parties (I&APs). This is outside of the processes being dealt with today.
Mr Dudu Phuti	Mosodi	Which route will the trucks use to access the site and what will be done to manage dust caused by vehicles?	The main road (N11) will be used to access the site and the traffic impact assessment will make recommendations for traffic management. A dust impact assessment will be conducted to provide mitigation measures for dust caused by vehicles.
Mr Charles Rokgomote	Maseshlareng	What does the community stand to gain from the project underway? Will the community obtain shares in Platreef?	Regarding Shares, the BBBEE transaction is ensuring that there are benefits for the local communities. There will be a main Trust in which money will be deposited and then distributed to the community.
Mr Thako Leseka	Mahwelereng Youth Council	The Skills Audit processes and activities conducted by the Department of Labour and Barstone are not explained to the people in detail.	Barstone's involvement with the Department of Labour is to develop a database where people all over the country can be registered so that future employers may have access to skilled people, and be able to identify the unemployed who have skills. This database will be made available to Platreef.
Mr Thako Leseka	Mahwelereng Youth Council	Water pollution is also a concern as the community is dependent on groundwater supply which is also at risk of being contaminated.	A detailed baseline survey is being conducted to test the quality and quantity of water, samples will be drawn from various locations to test the water. Continuous monitoring will then be undertaken throughout the life of the mine and an Environmental Management Plan (EMP) will be developed. The EMP will have details regarding the monitoring programs and mitigation measures to address water pollution.
Mr Thako Leseka	Mahwelereng Youth Council	We are concerned about the negative impact dust might have on the community.	A dust impact assessment will be undertaken which will include mitigation measures to address the impacts of dust.



NAME AND SURNAME	VILLAGE/ORGANISATION	COMMENT	RESPONSE
Mr Thako Leseka	Mahwelereng Youth Council	Some plants are used for medicinal purposes and this project poses a risk to these plants. Biodiversity (Act 10 is cited). All indigenous trees and plants with medicinal value should be considered. Traditional healers should be consulted to assist in identifying these plants	There will be a vegetation study done plant species will be identified including medicinal plants. A health impact assessments will also be conducted which will include consultation with traditional healers.
Ms Thako Leseka	Mahwelereng Youth Council	Mentioned is made of the Lebalelo Users Association and how will the community benefit from the water being supplied to the mine?	The focus at this point is to determine how water will be supplied to the mine for the operations. How the community may benefit from the water being supplied has not been determined at this stage.
Ms Mashilo	Mzombani	Is the skills survey that was undertaken by Digby Wells in 2012 still effective?	The skills survey undertaken previously by Digby Wells forms the basis of the current audit conducted by the Department of Labour. However, the community must still participate in the process undertaken by the Department of Labour. As far as we are aware the data will be consolidated.
Mr Ledwaba	Mzombani 7 Miles	We are only being given two hours to address something that will have lifelong consequences. Do not put a timeframe to the meeting. Was the invitation extended to Magongoua and where are the traditional leaders?	The meeting was advertised to start at 9 -11 but because we started at 10am, the time is now extended to 1pm. The first meeting was held in Magongoua and we are providing other communities the opportunity to attend/host the meetings. The leaders are always invited to the community meetings but the decision to attend lies entirely with them.
Mr Ledwaba	Mzombani 7 Miles	Platreef must use the income generated from this project to take care of the elderly in the community and give our children scholarships.	The process seeks to involve all members of the community with 2000 jobs being allocated for the project. We are still going to deliver on that promise. There is also a budget allocated for training so that the necessary skills are acquired.
Mr Oupa Kale	Masehlaneng	A two hour meeting is not enough to capture all the issues that should be dealt with for a 30 year project.	People are able to send additional comments to Digby Wells should they still wish to make additional comments after the meeting .



NAME AND SURNAME	VILLAGE/ORGANISATION	COMMENT	RESPONSE
Mr Lesetja Rakopela	Mzombani	Job opportunities during the construction of the shaft should be for local people. What is Platreef doing to ensure that the locals are employed?	The Social Labour Plan deals with Local Economic Development and Employment. As mentioned earlier, the Social Labour Plan will only come into effect if the Mining Right is awarded.
Mr Lesetja Rakopela	Mzombani	What will the rehabilitation process be after 30 years?	In modern mining, rehabilitation takes place from the day the mine starts operating and is a legislative requirement and will continue throughout the mine's lifecycle. Platreef has to make provision for a rehabilitation fund now. An estimation for the amount of money required is done through a closure cost assessment.
Mr Lesetja Rakopela	Mzombani	Will this project cause any health damage?	The Health Assessment will address the current state of the community as far as health is concerned and will make recommendations for how to mitigate health impacts.
Mr Mantsha	Mahwelereng	We are pleading that our houses be respected.	Thank you, your comment is noted.
Mr Mamotere	Masehlaneng	What skills are required for construction of the Tailings Storage Facility (TSF) and how many people will be employed? Can skills acquired from Platreef be used at other companies/institutions?	Digby Wells cannot comment on the amount of people that will be employed specifically for the TSF. Specialised contractors will be appointed to design and construct the TSF and related infrastructure. These contractors will have to comply will the requirements of the Social Labour Plan and appoint a certain percentage of people from the local community.
Mr Mamotere	Masehlaneng	What business opportunities will arise from the TSF?	The Enterprise Development Program will be rolled out in October 2012. Through this program, business opportunities will be identified.
Ms Elizabeth	Sekgakgapeng	What is Platreef doing with the CVs that were submitted? Will there be an opportunity to update my skills profile on the database.	The employment process will follow a specific process which includes that CVs on the database be screened for potential candidates for employment opportunities. There will be an opportunity for people to update the status of their skills on the database.
Mr Aubrey Langa	Masehlaneng	Government officials should be present in these meetings and represent the various	The comment is noted. Government is invited to these meetings however, it is up to them whether they decide to



NAME AND SURNAME	VILLAGE/ORGANISATION	COMMENT	RESPONSE
		Departments. The process must be transparent and involve everyone.	attend.
Mr Aubrey Langa	Masehlaneng	How did Platreef come to the amount that was paid for the mielie fields?	Digby Wells was not directly involved in this process but the field owners and Platreef together reached an agreement for payment for the fields.
Mr Victor Ruri	Development Forum	If the BBBEE issue is not addressed, a small number of people will benefit a great deal while many gain absolutely nothing.	The comment is noted.
Mr Victor Ruri	Development Forum	The N11 is already congested.	The traffic impact assessment will determine if the road should be upgraded.
Mr Phothumela Ngwako	Mzumbane	Will infrastructure placement result in people being forced out of their homes? If so, where will they go?	There is currently no plan for resettlements, but should this process be required, then the International Finance Corporation (IFC) process with regards to resettlement will be followed.
Mr Phothumela Ngwako	Mzumbane	Was compensation for the mielie fields a once off payment?	It was not a once off payment, an agreement was reached to pay R5250 per mielie field. How payments will work in the future is still to be decided.



## DIGBY WELLS ENVIRONMENTAL

# **ATTENDANCE REGISTER**

ACCEPTANCE OF MINING RIGHT APPLICATION PUBLIC MEETING FOR THE PROPOSED PLATREEF UNDERGROUND MINE PROJECT, NEAR MOKOPANE IN THE LIMPOPO PROVINCE

11 August 2013

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Directors: A Sing\*, AR Wilke, LF Koeslag, PD Tanner (British)\*, AJ Reynolds (Chairman) (British)\*, J Leaver\*, GE Trusler (C.E.O) \*Non-Executive

Attendance Register: Acceptance of Mining Right Application Public Meeting for the Proposed Platreef Underground Mine 11 August 2013 PLA1667

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Attendance Register: Acceptance of Mining Right Application Public Meeting for the Proposed Platreef Underground Mine 11 August 2013

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Attendance Register: Acceptance of Mining Right Application Public Meeting for the Proposed Platreef Underground Mine 11 August 2013

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## ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT FOR THE PROPOSED PLATREEF UNDERGROUND MINE





MPRDA ref no: LP30/5/1/2/2/10067MR

## PUBLIC MEETING August 2013

www.aigbyweiis.com

#### **AGENDA**

- Welcome, Introductions and Objectives
- Background and Description of the Project
- Content of the Draft Scoping Reports
- Public Participation Process
- Key Issues Raised to Date
- Questions and Answers





#### INTRODUCTIONS

#### **Platreef Resources**

Jacob Motswaledi

#### **Digby Wells Environmental**

- Steve Horak
- Barbara Wessels
- Jimmy Mnisi
- Zanda Jakavul

#### **Barnstone**

Werner Botha

#### **Translator**

Lekau Kekana





## GROUNDRULES

- Meeting time: 10 -12
- Meeting will not reconvene after a break
- 5 questions will be taken at a time and answers provided
- When asking a question, state clearly who you are and from which village/organisation





#### **ROLE OF CONSULTANTS**

- Digby Wells, together with Golder Associates, has been appointed as independent consultants to undertake the EIA/EMP, PP processes and relevant specialist investigations for the proposed Platreef Underground Mine for a Mining Right Application
- Digby Wells, supported by Barnstone, will independently facilitate the consultation process between Interested and Affected Parties (I&APs) and Platreef





#### **MEETING OBJECTIVES**

- To present to I&APs the Draft Scoping Reports content
- To capture comments from I&APs on the Draft Scoping Reports
- To obtain suggestions for the impact assessment and public participation processes going forward





# BACKGROUND TO THE PROPOSED PROJECT

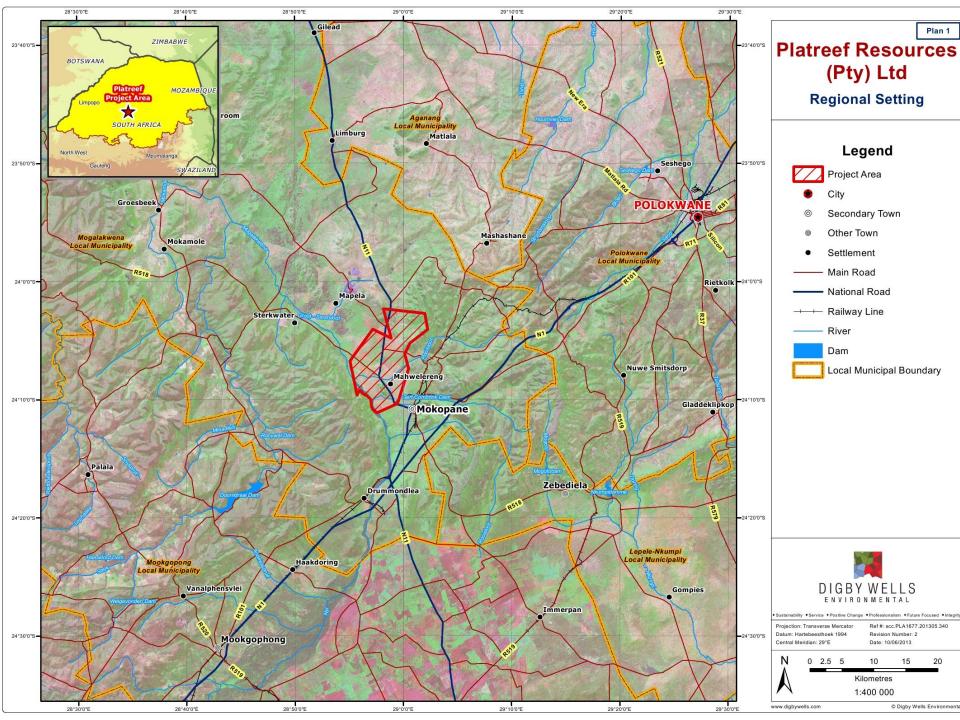




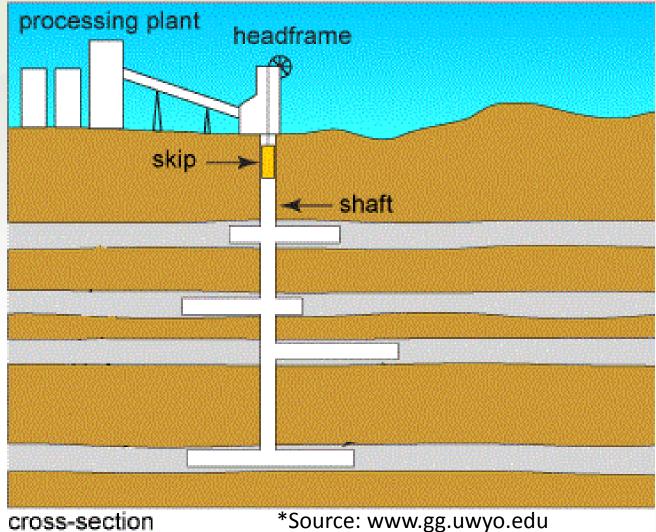
#### **BACKGROUND**

- Platreef is currently 90%-owned by Ivanplats and 10%owned by Itochu
- This structure will change should the Mining Rights be awarded to include the proposed BBBEE Partners (74%/26%)
- Platreef owns prospecting rights over these farms:
  - Turfspruit 241 KR
  - Macalacaskop 243 KR
- The DMR has accepted the Mining Right Application therefore Platreef is allowed to continue with Environmental and Social Studies. This is not a mining right





### MINING METHOD





\*Source: www.gg.uwyo.edu



#### PROCESSING AND LABOUR

- Initially, all the concentrate will be sold to local smelters for further beneficiation with the possibility of a Platreef owned smelter in the future
- The life of mine is expected to be 30 years based on a 3/4 million ton a year production rate
- In the order of ± 2,000 people will be employed at full production
- Platreef developed a Social and Labour Plan to addresses socio-economic development and employment



#### **INFRASTRUCTURE**

The proposed mine will have the following above ground structures, but is not limited to:

- Concentrator plant
- Shafts and headgear
- Waste rock dump
- Tailings storage facility
- Change houses
- A waste management site
- Raw water storage dams
- Pollution control dams
- Offices and training centre

- Workshops
- River crossings
- Pipelines
- Fuel storage facilities
- Power lines
- Roads
- Stores
- Control rooms
- Medical station







## WATER, POWER AND ROADS

- Amount of raw water required is approximately 8
   000 – 10 000 cubic litres per day (m³/day) – Lebalelo
   Water Users Association will supply the water
- Power supply is currently being investigated with Eskom, to increase the power supply to 63 Mega Watts (MW)
- The project site will be accessed from the N11 and the R518 to transport equipment onto and off the site





# ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT PROCESS





#### **PURPOSE**

- In order for any mining and mining related activities to commence, Environmental Authorisation is required
- An Environmental and Social Impact Assessment (ESIA) must be conducted

Identify alternatives and potential impacts requiring more detailed investigation in the EIA phase

#### Based on:

- Literature reviews
- Professional input (technical and environmental)
- Public input

Forms basis for Plan of Study for ESIA





## REGULATORY REQUIREMENTS

- Legislative requirements for the ESIA include:
  - Minerals and Petroleum Resources Development Act (Act No. 28 of 2002) (MPRDA)
  - National Environmental Management Act (Act No. 107 of 1998) (NEMA)
  - National Environmental Management: Waste Act (Act No. 59 of 2008) (NEM:WA)
  - National Water Act (Act No. 36 of 1998) (NWA)
  - National Heritage Resources Act (Act No. 25 of 1999)
     (NHRA)
  - Various other legislation





#### **ESIA PROCESS**

June – August 2013

July – November 2013

December 2013 - April 2014

#### **SCOPING**

- Application
- Announcement
- Stakeholder Meetings
- Draft and Final Scoping Report

#### IMPACT ASSESSMENT

- Conduct specialist studies
- Draft and Final EIA Report (and EMPR)
- Stakeholder meetings

#### AUTHORITY REVIEW

- Environmental Authorisation
- Notification of decision
- Opportunity to appeal





# SUMMARY OF ENVIRONMENTAL STUDIES





# SUMMARY OF BASELINE ENVIRONMENT

- Relatively flat area with mountains in north-east
- Predominant land use: Include agriculture and housing, with agriculture dominated by grazing
- 4 main water courses drain across the project area: Rooisloot, Dorps River, Ngwaditse River and Dithokeng stream. All flow towards the Mogalakwena River





## SUMMARY OF BASELINE ENVIRONMENT

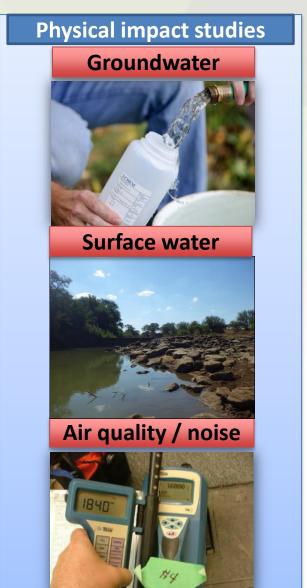
- Vegetation is predominantly bushveld
- Animals: Domesticated animals (cattle etc.) and some wild animals
- Archaeology and heritage resources: Include tangible, physical material culture that was left behind and intangible, living heritage of the people that still inhabit the region





#### **SPECIALIST STUDIES**







#### PUBLIC PARTICIPATION PROCESS

The Public Participation Process is an essential component for any ESIA process to ensure I&APs are provided with an opportunity to contribute meaningfully to the ESIA process. Digby Wells, supported by Barnstone, will facilitate the PPP and any comments received from I&APs will be recorded.







### ISSUES RAISED - DIGBY WELLS ESIA

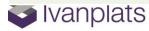
Issue	Response
Where will the rock dump and other infrastructure be situated?	The specialist studies undertaken for the ESIA will assist to determine where the infrastructure will be situated.
Why does Rietfontein not appear in the list of farms in the mining right application?	Rietfontein does not appear because there are no mining rights or mining right application on this property. However, it forms part of National Environmental Management Act (NEMA) application as it will be used for mine surface infrastructure.
Will dust from the mining area / activities cause diseases?	A detailed air quality impact assessment will be undertaken to determine the air quality as well as potential dust which mining operations may cause.
ivan piats	ENVIRONMENTAL

## ISSUES RAISED - DIGBY WELLS ESIA

Issue	Response
Platreef is currently drilling and some people in the area are not able to use the water which is already polluted with chemicals from the drilling activities.	The ground water is constantly monitored the family has been supplied with an alternative water supply.
Compensation for fields.	The rate of compensation was determined looking at the yield of the mielie fields and the value is to compensate the owners for the loss of harvests.
Identification of fields.	Identification of the fields was done with the headmen and the affected field owners.
Digby Wells threatened people with taking away their pension monies.	Digby Wells has never threatened anyone with taking away their pension. Those who have information must please come forward.

### **ISSUES RAISED – DIGBY WELLS ESIA**

Issue	Response
Will blasting activities affect nearby houses?	A baseline housing survey will be undertaken prior to the commencement of mining activities. Blasting will be undertaken according to legal requirements by professionals.
When will feedback be given on the bulk sample application?	Feedback will be given to communities as soon as feedback is received from the authorities.
Why was a separate meeting held with Tshamahansi?	A separate meeting was held with Tshamahansi on the request of the leadership of Tshamahansi.
There are also resettlement issues not being addressed. Tshamahansi and Madiba villages will be relocated. Why is this not communicated to these villages?	Initially (2004-2006) there were talks of resettlement in the proposed open pit area but since the mine plan has changed to underground mining there is currently no resettlement planned for any of the villages.



### **ISSUES RAISED - DIGBY WELLS ESIA**

Response

As required by legislation (The Constitution,

MPRDA NEMA) the meetings need to be

Issue

Only affected parties must be invited to the

meeting and not interested narties

meeting and not interested parties.	public meetings and everyone should be free to participate.
People do not understand the presentations due to lack of information.	The Draft Scoping report was made available to the public for review before the public meetings.
Is there an alternative land available for the landowners for them to proceed with the farming activities?	A social impact assessment will be undertaken as part of the ESIA. This study will make recommendations as to how land owners should be compensated. Land Affairs with the Traditional Authorities will investigate the alternatives.
What will the strategy be to ensure minimal impacts on the river systems in the area – avoid water pollution?	A detailed surface water study will be undertaken from this study recommendations will be made in the EMP to manage the potential for water pollution. A monitoring program will be implemented.

#### **ISSUES RAISED – DIGBY WELLS ESIA**

Issue	Response
What will happen to the graves found in the project area?	Digby Wells is working hand in hand with the South African Heritage Resources Agency (SAHRA). All grave sites will be identified and marked and feedback given to SAHRA. The authorities will be consulted to request permission to relocate the graves. Once this is done, the affected families will be consulted. Thus, there will be no relocation of graves without consultation and agreement with the affected families.





#### WAY FORWARD AND NEXT STEPS

- Finalise Scoping Report for EIA and submit to Authorities – 16 August 2013
- Final Scoping Report will be available for review –
   August/September 2013
- Complete specialist studies July to August 2013
- Compile draft EIR October 2013
- Next Public Meeting October 2013





## **THANK YOU**

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