

Appendix 2A: Stakeholder Database



DIGBY WELLS

ENVIRONMENTAL

UMCEBO MINING (PTY) LTD

ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED HENDRINA UNDERGROUND COAL MINE, MPUMALANGA

STAKEHOLDER DATABASE

Company	First Name	Last Name
Agri South Africa- Witbank Farmers Association	Gert	Smith
Coastal Hire	Z	de Man
Shanduka Coal	Hugo	Grobler
Kwandiyase Co - Operative	Mxolisi Evidence	Mthombeni
Leads 2 Business	Marcaine	Andersen
Masande Designs and Construction Solutions (PTY)LTD	Ladyzee	ThePoet
Chamber of Business	Nikisi	Lesufi
Eskom Park (Eskom Holdings)	Ntombi	Masango
Transnet Freight Rail (TFR)	Yuza	Chabalala
Sibusisiwe Homebase Care	Busisiwe	Motew
Sakhisizwe H.B.C	Nomthandazo	Sebanyoni
Sakhisizwe H.B.C	Sessie	Chivangue
Sakhisizwe H.B.C	Sibusiso	Sebanyoni
Chamber of Business	Stephinah	Mudau
Transnet	Tshilidzi	Mabulwane
Chamber of Commerce	Francois	van Niekerk
Eskom Park (Eskom Holdings)	Goodness	Ntuli
Chamber of Commerce	Anna	Mart Ott
Glencore Operations of South Africa (Pty) Ltd	Janine	Ingram
Glencore Operations of South Africa (Pty) Ltd	Kaizer	Khunwane
Glencore Operations of South Africa (Pty) Ltd	Arno	Lottering
Kwazamakuhle Community Forum	Cheppy	Masina
Ward 2	Abraham	Masango
	Nomvula	
Ward 2	Petrus	Mayisela
Ward 2	Amos	Msokodo
Ward 1	Dolly	Lukhele
Ward 2	Elizabeth	Sibuyi
Ward 2	Francinah	Msiza
Ward 2	Girly	Mnisi
Ward 14	Jabsile	Sibanyoni
Masiqhubeke Primary School	Josephina	Masango
Ward 2	Marwa	Bolose
Ward 1	Muduza	Lukhele
Ward 1	Sibindi	Fiiale
Ward 2	Sphiwe	Sebanyoni

Company	First Name	Last Name
Ward 2	Thembelihle	Mathe
Ward 2	Zanele	Bolose
Ward 2		Khanyile
Ward 2		Mathebula
	Joseph	
Digby Wells Environmental	Claire	Dendy
Digby Wells Environmental	Kasantha	Moodley
Anvin Beleggin Trust	Vincent	Schulze
Landowner	C	Coetzee
Landowner	A.C	Roux
Landowner	A.H	Roux
Landowner	A.J.B	Maree
Landowner	A.W	Coetzee
Landowner	J.J	Oosthuysen
Landowner	J.J	Nortje
Landowner	M.S (Andries)	Pretorius
Landowner	P.C	Oosthuysen
Landowner	W A	de Klerk
National Government Republic of South Africa		
South African National Roads Agency LTD	Victoria	Bota
Landowner	J.J	Lloyd
Landowner	A.J	Stoltz
Moregloed Trust	Boet	Engelbrecht
	G.W	De Clercq
Landowner	J.A	Breedt
Landowner	J.A.V	Schickerling
Riccor Boerdery (Pty) Ltd		
Voorsorg Plase (Pty) Ltd		
Dinganfees Genootskap-Hendrina		
Dirk Steyn Testamentere Trust		
Suid-Afrikaanse Nasionale Padagentskap Ltd		
Marmic Trust		
Makoliet Landgoed cc		
Mniwa Communal Prop Assoc		
Scheepers Familie Trust		
Mrabheli Communal Prop Assoc		
TjalaVuna Agribusiness Communal Prop Assoc		
Anton Pelser Eiendoms Tust		
Diesel	Johan	Saaiman
Landowner	A	Pretorius
	D	Stander
Grasfontein	Betsie	Janse van Rensburg
Landowner	Johan	van der Walt
Landowner	J.P	Stoltz
Smit and van Wyk Attorneys	Karel	Smith
Smit and van Wyk Attorneys	Kobus	Smit
Landowner	R.N	Eales
Tweefontein	Marie	Pretorius
Landowner	O.T	Steyn
Landowner	K.R	Eales
GRJ Davel Boerdery	Gerhard	Davel
Landowner	H.J.	Prinsloo

Company	First Name	Last Name
Landowner	Jack	de Clerk
Landowner	Jessica	van der Walt
Landowner	Riaan	Kuiper
Nkangala District Municipality	Solly	Links
Nkangala District Municipality	Vusi	Mahlangu
Nkangala District Municipality	Walter	Makgai
Nkangala District Municipality	Butie	Mathe
Nkangala District Municipality	Precious	Raputsoa
Nkangala District Municipality	Miilicent	Skosana
Nkangala District Municipality	Thomas	Ngwenya
Nkangala District Municipality	Andiswa	Thwala
World Wildlife Federation	Angus	Burns
Birdlife South Africa	Mark	Anderson
Federation of Sustainable Environment (FSE)	Dr Koos	Pretorious
BirdLife South Africa	Daniel	Marnewick
Lawyers for Human Rights	Kayan	Leung
Endangered Wildlife Trust (EWT)	Karryn	Morrison
Working for Wetlands	Lebogang	Ralepeli
Working for Wetlands	Marie	Mathebula
Olifants River Forum	Marianna	Niewoudt
Wildlife and Environment Society of South Africa (WESSA)	Rudzani	Nemukula
South African National Biodiversity Institute (SANBI)	Sagwata	Manyike
Birdlife South Africa	Pamela	Barrett
Inkomati Catchment Management Agency (CMA)	Marcus	Selepe
Birdlife South Africa	Simon	Gear
Lowveld Bird Club	Karen	Bullen
Endangered Wildlife Trust (EWT)	Yolan	Friedmann
Water Research Commission	Adriaan	Taljaard
Independent Municipal and Allied Trade Union (IMATU)	Charles	Antonio
Congress of South African Trade Unions (COSATU)	Norman	Mampane
South African Municipal Workers Union (SAMWU)	Vusi	Pilson
South African Transport and Allied Workers Union (SATAWU)	Solomon	Mahlangu
Elin 247 IS	James	Mngomezulu
Breyten Public Library	Charles	Joseph
Hendrina Public Library	Thea	Naude
Trichardt Public Library	Raffia	Fareed
Msukaligwa Local Municipality	Bongani	Zwane
Steve Tshwete Local Municipality	Elphus	Mathebula
Msukaligwa Local Municipality	Jerry	Thulare
Steve Tshwete Local Municipality	Kobus	Swart
Steve Tshwete Local Municipality		Masina
Steve Tshwete Local Municipality	M	Mahamba
Msukaligwa Local Municipality	ZT	Shongwe
Steve Tshwete Local Municipality	M	Nkosi
Steve Tshwete Local Municipality	S M	Mnguni
Msukaligwa Local Municipality	JS	Bongwe
Steve Tshwete Local Municipality	S N	Mabuza
Msukaligwa Local Municipality	Thabo	Motloun
Msukaligwa Local Municipality	Themba	Zwane
Steve Tshwete Local Municipality	Doctor	Khanyile

Company	First Name	Last Name
Steve Tshwete Local Municipality		Skosana
Department of Water and Sanitation (DWS)	Bashan	Govender
South African Heritage Resources Agency (SAHRA)	Godfrey	Tshivhalavhala
South African Heritage Resources Agency (SAHRA)	Itumeleng	Masiteng
Department of Environmental Affairs (DEA)	Lucas	Mahlangu
Department of Agriculture , Forestry and Fisheries (DAFF)	Lydia	Bosoga
Department of Agriculture, Forestry and Fisheries (DAFF)	Mashudu	Marubini
Department of Environmental Affairs (DEA)	Mark	Gordon
Department of Environmental Affairs (DEA)	Masina	Lintsoane
Department of Agriculture, Forestry and Fisheries (DAFF)	Mpume	Ntlokwana
Department of Environmental Affairs (DEA)	Millicent	Solomons
Department of Environmental Affairs (DEA)	Nyiko	Nkosi
Department of Environmental Affairs (DEA)	Nditsheni	Ramuhulu
Department of Water and Sanitation (DWS)	Senzo	Nyathikazi
Department of Environmental Affairs (DEA)	Obed	Baloyi
Department of Agriculture, Forestry and Fisheries (DAFF)	Portia	Khumalo
Department of Environmental Affairs (DEA)	Pumeza	Skepe
Department of Environmental Affairs (DEA)	Zingisa	Phohlo
Mpumalanga Provincial Heritage Resources Authority	Benjamin	Moduka
Department of Agriculture, Forestry and Fisheries (DAFF)	Doreen	Sithole
Mpumalanga Department of Economic Development, Environment (MDEDET) - Witbank	Dineo	Tswai
Mpumalanga Tourism and Parks Agency	Frans	Krige
Mpumalanga Department of Economic Development, Environment (MDEDET) - Witbank	Joe	Mabuza
Department of Public Works, Roads and Transport - Nelspruit	Matthew	Mohlasedi
Department of Water and Sanitation (DWS) - Bronkhorspruit	Standford	Macevele
Department of Water and Sanitation (DWS) - Bronkhorspruit	Bridget	Manamela
Department of Water and Sanitation (DWS) - Nelspruit	Luvuyo	Mqelenga
Department of Rural Development and Land Reform (DRDLR)	Ntokozo	Nkambule
Department of Mineral Resources – (DMR) Witbank	PN	Chuene
Department of Social Development (DSD) - Nelspruit	Ningi	Mlangeni
Department of Rural Development and Land Reform (DRDLR)	Phindile	Sibanyoni
Department of Rural Development and Land Reform (DRDLR)	Rendani	Lipadzi
Department of Mineral Resources (DMR) - Witbank	Samuel	Mathavhela
Department of Water and Sanitation (DWS)	Dean	Du Plessis-Sansam
Department of Agriculture, Rural Development, Land and Environment (DARDLEA)	Selby	Hlatshwayo
Department of Rural Development and Land Reform - Nelspruit	Thabile	Mkhabela
Department of Rural Development and Land Reform - Nelspruit	Thandeka	Ncamphalala
Mpumalanga Tourism and Parks Agency - Nelspruit	Kamogelo	Theko
Department of Mineral Resources - (DMR) - Witbank	Themba	Mazibuko
Department of Rural Development and Land Reform (DRDLR)	Thokozile	Gexa
Department of Water and Sanitation (DWS)	Nnzumbeni	Tshikalange
Department of Rural Development and Land Reform (DRDLR)	Victor	Madubanya

Company	First Name	Last Name
Department of Rural Development and Land Reform (DRDLR)	William	Nyoni
Department of Agriculture - Nelspruit	Zanele	Shongwe
Nzunza Mabhoko Tribal Authority	J S	Mahlangu
Afriplan Town and Regional Planners	Jaco	le Roux
ASASA	Jobha	Mthombeni
MTPA	Frans	Krige
Community	Goodwill	Msanago
Community	Madu	Hlatshwayo
Community	Cindokuhle	
Community	Giuem	
Community	M.T	Khanyile
Community	Nhlanhla	Vilakazi
Community	Henry	Sithole
Community	Sifiso	Mavuso
Community	Lerato	Mokone
Community	Angel	Mahlangu
Community	Nkosinathi	Masimini
Community	Samuel	Masilela
Community	V.M	Mahlangu
Community	M.N	Gondwe
Community	Sino	Mtankubu
Community	Ayanda	Gwebityala
Community	Nurse	Mcambule
Community	Thabiso	Thanjekwayo
Community	Skosana	Bangani
Community	Sanele	Simelane
Community	Aaron	Ndingwane
Community	Sabeth	Nkosi
Community	Siphiwe	
Community	Msizi	Vilakazi
Community	Thabethe Florence	
Community	Abram	Motha
Community	Thema A	Mkhaliyah
Community	Senzo	Mashibone
Community	Simon	Mahlangu
Community	Zinzile	Khumalo
Community	Sipho	Mncwango
Community	Miriam	Masgiloane
Community	Thandeka	Khumalo
Community	Wonderboy	Mthatjwa
Community	Xolisile Charlene	Maisela
Community	Gloria Busisiwe	Mnguni
Community	Sphiwe Patience	Shongwe
Community	Elias	Magagu
Community	Sfiso	Nkambule
Community	Wonder	Zulu
Community	T Fortune	Mabaso
Community	S.M Motam	
Community	R.Z	Mlambo
Community	M.B	Sibanyoni
Community	TM	Mokwena

Company	First Name	Last Name
Community	Sibusiso	Ndlela
Community	Betty	Mazibuko
Community	Ndumiso	Nkosi
Community	Themba	Mogola
Community	Jacky	Nkambinde
Community	Comfort	Mahlangu
Community	Jack	Mtswini
Community	Andrie	Lukhele
Community	Cecilia Nthabiseng	Rakhoele
Community	Thokozane	Mathibela
Community	Nkosinathi	Ngema
Community	Khehla	Masango
Community	Sydwen	Mashloane
Community	Xola	Magagula
Community	Nomvula	Nkosi
Community	Ndumiso	Mkhonto
Community	Peter	Motshoni
Community	Thabile	Mlothwa
Community	Sindane	Sabelo
Community	Sifiso	Mthembeni
Community	Qassin	Moola
Community	Pumisani Disign	Dembe
Community	Josia	Maluka
Community	January	Mashiloane
Community	Phathu P	Motau
Community	Malibongwe	Dlamini
Community	Vusi	Hlatshwayo
Community	Jabu	Mahlangwane
Community	Nompumelelo	Sibanyoni
Community	Sabelo	Ximba
Community	William	Mahlanga
Community	Ayabulela	Tshangela
Community	Bridgette	Mabunda
Community	Lunga	Khumalo
Community	Martha	Mlotshwa
Community	Oupa July	Mabona
Community	Mkhanyiselwa	Dlamini
Community	Bowiniie	Mahlangu
Community	Johanna	
Community	Nothando	
Community	Zweli	William
Community	Malefu	Koetle
Community	Thami	Mathebula
Community	Zandile	Mahlangu
Community	Bongani	Nkosi
Community	Thandeka	Twala
Community	Vuyo	Mbanza
Community	Josephinah	Mbokane
Community	Vusi	Ngxowa
Community	Bongani	Mnarini
Community	Thandeka	Zulu
Community	Phindile	Matsimane

Company	First Name	Last Name
Community	Prudence	Nkosi
Community	Lindelani	Mthalane
Community	Maseko	Happy
Community	Andries	Mokwena
Community	Gugulethu	Prinnet
Community	Sfiso	Skosana
Community	Gabile	Mahlangu
Community	Zandile	Sibiya
Community	Samuel	Mahlangu
Community	Poppy Ntazi	Mbokane
Community	Hilda	Sibanyoni
Community	Thabiso	Mabona
Community	Albert	Mahlangu
Community	Lovers	Mphukelrg
Community	Nompumelelo	Shongwe
Community	Patrick	Skhosana
Community	Sipho	Mdluli
Community	Masilela	Mthokozisi
Community	Duduzile	Sibanyoni
Community	Bongani	Thomo
Community	Nompumelelo	Mahlangu
Community	Albert	Kubheka
Community	Nozizwe	
Community	Muntuza	Lukhele
Community	Musa	
Community	Mxolisi Clement	Kubheka
Community	Maxwell	Mahlangu
Community	Sizwe	Mkhabela
Community	Mona	Mnguni
Community	Boy Patrick	Masango
Community	Johannes	Magagula
Community	Samuel	Diadla
Community	Nondumiso	Gininda
Community	Ntombi	Motungwa
Community	Ayanda	Nkonyane
Community	Zandile	Vilakazi
Community	Xolani	Shelembe
Community	Nomthandazo	Sebanyoni
Community	Thomas	Mahlangu
Community	Philip	Madibe
Community	Fakude	Jabulile
Community	Andile	Tshabalala
Community	Peter	Mokoena
Community	Nkululeko	Nkosi
Community	Xolane	Mlotshwa
Community	Harris	Mabanga
Community	Jonah	Malaza
Community	Nonkululeko	Buthelezi
Community	Velephi	Nkosi
Community	Vusmuzi	Mahamba
Community	Frank	Mokoena
Community	Sessie	Changule

Company	First Name	Last Name
Community	Norah	Mazibuko
Community	Popie	Simelane
Community	Bhekizenze	Zulu
Community	Phumzile	Phakathi
Community	Sidwell	Mahlangu
Community	P	Zulu
Community	Nontuthuko	Zwane
Community	Nomvula	Mazini
Community	Sithembiso	Ngubane
Community	Sibusiso	Ngoma
Community	Sthembiso	
Community	Matthews	Mashiloane
Community	Sfundo Ndumiso	Constable
Community	Musa	Masina
Community	Mokoea	Malesela
Community	Lucky	Zimu
Community	Petros	Nkambule
Community	Danisile	Zulu
Community	Lucas	Nhleko
Community	George	Maseko
Community	Mlungisi	Skosana
Community	Johannes	Mahlangu
Community	Penuel	Mtshweni
Community	Lawrence	Ndhlovu
Community	Lucky	Mokwena
Community	Betty	Moltywa
Community	Sydwel	Mashaloane
Community	Ishmond	Simelane
Community	Emmanuel Nkosinathi	Mngcuka
Community	Sphiwe	Masango
Community	Nobubinga	Sgudla
Community	Thomas	
Community	Maria	Mathibela
Community	Xolani	Nxumalo
Community	Thalasiziwe	Ndlazi
Community	Dumsane Innocent	Shoyisa
Community	Gilbert	Mahamba
Community	Sarah	Zikhali
Community	Phuzmzile	Mtshali
Community	Patrick	Nkosi
Community	Sibusiso	Sibanyoni
Community	Nontokoza	Masilela
Community	Syprian	Masango
Community	Thimonthy	Mashiloane
Community	Musawenkosi	Masina
Community	Everton	Mthimunye
Community	Fannie	Skodana
Community	Mzwenhianhis	Mathe
Community	Ayanda	Masmula
Community	Koos	Mnguni
Community	July	Mnguni
Community	Xolani	Gumbi

Company	First Name	Last Name
Community	Bili Elias	Motau
Community	Thapelo	Matsimane
Community	Petros N	Mashinini
Community	Frans	Sibiya
Community	Jafta	Nkosi
Community	Monica	Mahlangu
Community	Stanley	Mabona
Community	Sibusiso	Skhosana
Bekker Brink	Elaine	Thirion

Final EIA and EMP Report

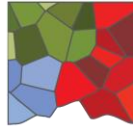
Proposed Hendrina Underground Coal Mine, Mpumalanga

XST3791



DIGBY WELLS
ENVIRONMENTAL

Appendix 2B: Background Information Letter, Announcement Letter and Comment Form



DIGBY WELLS

ENVIRONMENTAL

Project No: XST3791

13 April 2016

Umcebo Mining (Pty) Ltd

Integrated Environmental Process for the Proposed Hendrina Underground Coal Mine, Mpumalanga Province

DMR Reference Number: MP 30/5/1/2/2/10129 MR

Dear Stakeholder,

Umcebo Mining (Pty) Ltd (Umcebo), a subsidiary of Glencore Operations South Africa (Pty) Ltd (Glencore) is proposing the development and operation of a new underground coal mine and associated infrastructure at a site situated south east of Hendrina in Mpumalanga. This letter serves as early notification of the project. Further details of the project, and associated Environmental Impact Assessment (EIA) and Public Participation Process (PPP) will be communicated to stakeholders in due course.

1 Project Overview

The project area comprises three underground reserve blocks namely Mooivley East, Mooivley West and Hendrina South. The two Mooivley reserves comprise two incline shafts which will be developed to gain access to the two underground areas whilst the Hendrina South area comprises one incline shaft. Mooivley West and Hendrina South will be mined at the same time. Once Hendrina South is completed, Mooivley East mining activities will commence.

The project is proposed to commence with construction and development when all required environmental approvals have been granted. The estimated Life of Mine (LoM) will be 36 years for all mining areas with a production rate of 2.4 million tonnes per annum, with a total of approximately 78 million tonnes of Run of Mine (ROM). The grade of coal is poor and therefore not suitable for export. The coal product will then be transported to an Eskom power station; via road.

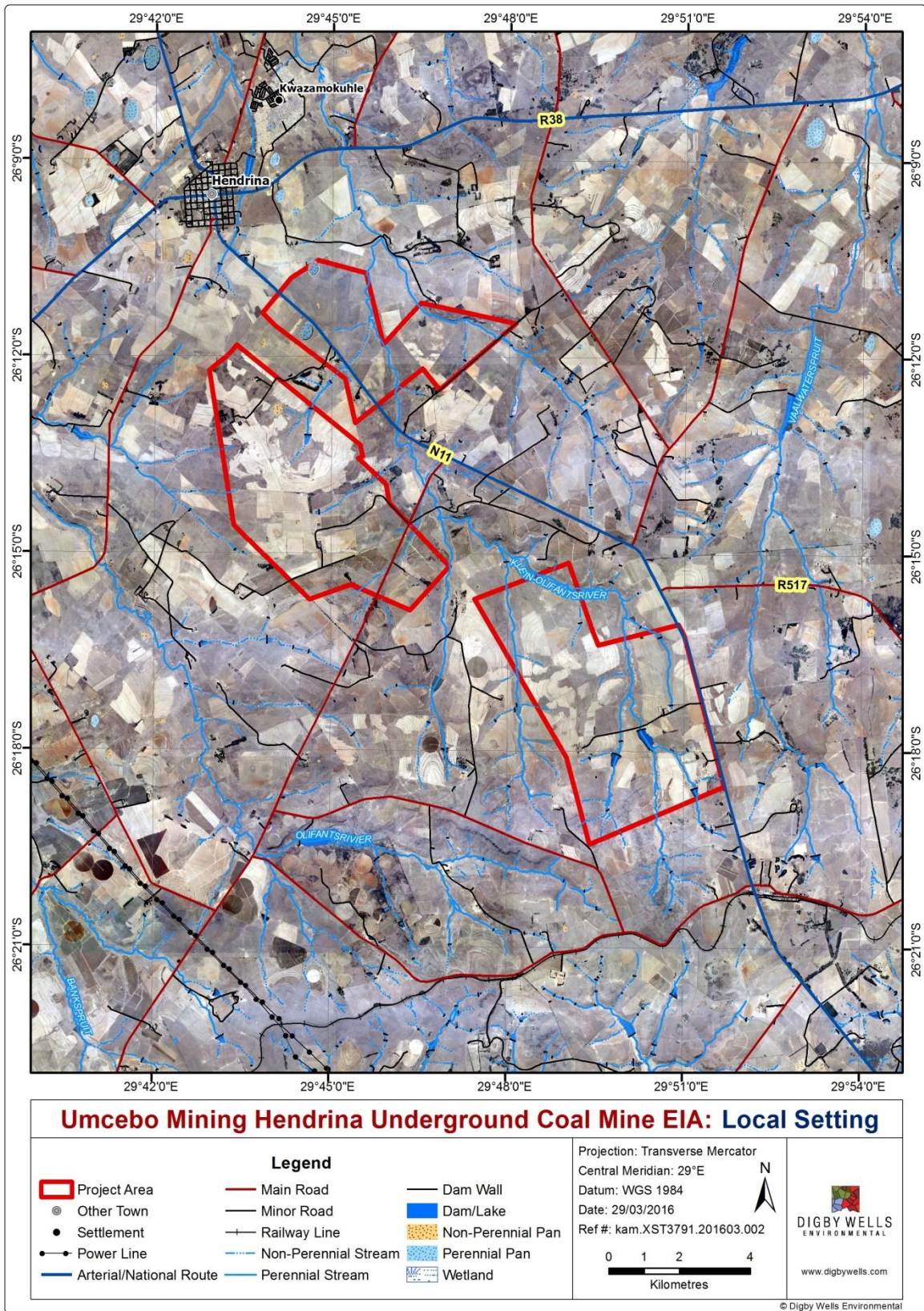
Underground mining will be used to access the ore body and the proposed mining method for the extraction of coal will be the bord and pillar mining method. In mechanised bord and pillar mining, extraction is achieved by developing a series of roadways (bords) in the coal seam and connects them by splits (cut-throughs) to form pillars. These pillars are left behind as part of primary roof support system. Infrastructure and services in the area will need to be upgraded which includes access roads, power and water supply. Infrastructure that will need to be constructed includes, but is not limited to: crushing and screening plant, offices, change houses (including ablution facilities), workshops, ventilation shafts, substations, overland conveyor, pollution control dam and silo bins.

The project is located in the Ermelo Coal Field within the Magisterial District of Middelburg. The project is situated on the Davel road approximately 10 – 22 km south east of Hendrina in the Mpumalanga Province. The project intends to mine across eight farms namely, the Mooivley Reserve (Mooivley 219 IS, Tweefontein 203 IS, Uitkyk 220 IS and Orange Vallei 201 IS) and the Hendrina Reserve (Elim 247 IS, Geluksdraai 240 IS, Orpenskraal 238 IS and Bosmanskrans 217 IS) and has a combined area of approximately 6 710 ha. Please refer to Plan 1 below.

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd). Co. Reg. No. 2010/008577/07. Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191. Private Bag X10046, Randburg, 2125, South Africa
Tel: +27 11 789 9495, Fax: +27 11 789 9498, info@digbywells.com, www.digbywells.com

Directors: AJ Reynolds (Chairman) (British)*, GE Trusler (C.E.O.), GB Beringer, LF Koeslag, J Leaver*, NA Mehlomakulu, DJ Otto

*Non-Executive



Plan 1: Regional Setting of the Hendrina Reserve



2 EIA Application Process

In terms of the requirements of the Minerals and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), (MPRDA) as amended, a Mining Right Application (MRA) must be submitted to the Department of Mineral Resources (DMR) for the project. In support of the MRA, an Environmental Impact Assessment (EIA) process must be undertaken in accordance with the new EIA Regulations (GN R. 982), December 2014 promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended (NEMA). The EIA process will also be undertaken in support of an application for Environmental Authorisation and Waste Management Licence (WML). Furthermore, an application for a Water Use Licence (WUL) will also be submitted as part of the process.

As part of the EIA process, various specialist studies will be undertaken to determine the potential environmental and social impacts of the project. These studies include:

- Air Quality
- Noise and Visual
- Blasting
- Social and Heritage
- Soil, Land Capability and Land Use
- Aquatic Ecology
- Surface Water and Groundwater
- Fauna, Flora and Wetlands
- Traffic

2.1 Public Participation Process

Stakeholders affected by the project or who are interested in the project are invited to register as an Interested and Affected Party (I&AP) to become involved in the consultation process. The following upcoming PPP activities are envisaged to take place as indicated below:

2.1.1 Scoping Report Availability

The Scoping Report will be available to the public from **20 April – 23 May 2016** at the places as indicated below.

Person	Location	Contact
Thea Naude	Hendrina Public Library (63 Church Street, Hendrina)	(013) 249 7249
Charles Joseph	Breyten Public Library (Cnr Breytenbach & Oos Streets)	(017) 801 3792
Qondile Monareng	www.digbywells.com (under Public Documents) or phone for CD copy	(011) 789 9495

2.1.2 Invitation to a Public Meeting

A Public Meeting will be held to discuss contents of the Scoping Report and to obtain stakeholder comments, as indicated below.

Venue	Cosmos Hall, Fountain Road, Hendrina
Date	5 May 2016
Time	14:00 – 16:00

Should you wish to be registered as an Interested and Affected Party, obtain additional information or comment on the proposed development, please contact Qondile Monareng at Tel: (011) 789 9495, Fax: 086 583 5715, Post: Private Bag X10046, Randburg, 2125 or email: gondile.monareng@digbywells.com or nestus.bredenhann@digbywells.com.

Regards,



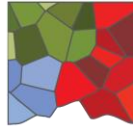
Qondile Monareng
Stakeholder Engagement Office

Enclosed

- *Registration and Comment Form*

Signature

Date



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ENVIRONMENTAL

Project No: XST3791

13 April 2016

Umcebo Mining (Pty) Ltd

Integrated Environmental Regulatory Process for the Proposed Underground Coal Mine, Hendrina, Mpumalanga Province

DMR Reference Number: MP 30/5/1/2/2/10129 MR

Dear Stakeholder,

Umcebo Mining (Pty) Ltd (Umcebo), a subsidiary of Glencore Operations South Africa (Pty) Ltd (Glencore), is proposing the development and operation of a new underground coal mine and associated infrastructure. The project is located within the Magisterial District of Middelburg approximately 10 – 22 km south east of Hendrina. It is proposed to commence with construction and development when all required licences and authorisations have been granted. The project has a 36 year Life of Mine

The project proposes to extract coal by the bord and pillar mining method. It involves eight farms namely, the Mooivley Reserve (Mooivley 219 IS, Tweefontein 203 IS, Uitkyk 220 IS and Orange Vallei 201 IS) and the Hendrina Reserve (Elim 247 IS, Geluksdraai 240 IS, Orpenskraal 238 IS and Bosmanskrans 217 IS) and has a combined area of approximately 6 710 ha. Infrastructure and services in the area will need to be upgraded which includes access roads, power and water supply. Infrastructure that will need to be constructed includes, but is not limited to: crushing and screening plant, offices, change houses (including ablution facilities), workshops, ventilation shafts, substations, overland conveyor, pollution control dam and silo bins, access roads, power and water supply.

An Environmental Impact Assessment (EIA) process will be undertaken in accordance with Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA) and the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) of which the Department of Mineral Resources (DMR) is the competent authority. An Integrated Water Use Licence Application will also be submitted in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) to the Department of Water and Sanitation (DWS) as competent authority. Digby Wells Environmental has been appointed by Umcebo as the independent Environmental Assessment Practitioner to undertake the EIA, Public Participation Process and specialist studies.

Scoping Report availability

The Scoping Report will be available to the public from **20 April – 23 May 2016** at the places as indicated below.

Person	Location	Contact
Thea Naude	Hendrina Public Library (63 Church Street, Hendrina)	(013) 249 7249
Charles Joseph	Breyten Public Library (Cnr Breytenbach & Oos Streets)	(017) 801 3792
Qondile Monareng	www.digbywells.com (under Public Documents) or phone for CD copy	(011) 789 9495

Invitation to a Public Meeting

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Venue	Cosmos Hall, Fountain Road, Hendrina
Date	5 May 2016
Time	14:00 – 16:00

How to comment

You are invited to provide inputs on the proposed project by addressing your comments, concerns or suggestions to Digby Wells through any one of the communication media below:

- Completing the Registration and Comment Form and submitting it to the Stakeholder Engagement Office;
- Attending the Public Meeting and submitting comments;
- A letter or other form of written submission; or
- By email, fax or telephone correspondence to the Stakeholder Engagement Office.

Should you wish to be registered as an Interested and Affected Party, obtain additional information or comment on the proposed development, please contact Qondile Monareng at Tel: (011) 789 9495, Fax: 086 583 5715, Post: Private Bag X10046, Randburg, 2125 or email: qondile.monareng@digbywells.com or nestus.bredenhann@digbywells.com.

Regards,



Nustus Bredenhann

Stakeholder Engagement Office

Enclosed

- *Background Information Document*
- *Registration and Comment Form*

Appendix 2C: Advert



DIGBY WELLS
ENVIRONMENTAL

Umcebo Mining (Pty) Ltd

Integrated Environmental Regulatory Process for the Proposed Underground Coal Mine, Hendrina, Mpumalanga Province

DMR Reference Number: MP 30/5/1/2/2/10129 MR

Umcebo Mining (Pty) Ltd (Umcebo), a subsidiary of Glencore Operations South Africa (Pty) Ltd (Glencore) is proposing the development and operation of a new underground coal mine and associated infrastructure. The project is located within the Magisterial District of Middelburg approximately 10 – 22 km south east of Hendrina. It is proposed to commence with construction and development when all required licences and authorisations have been granted. The project has a 36 year Life of Mine.

The project proposes to extract coal by bord and pillar mining method. It involves eight farms namely, the Mooivley Reserve (Mooivley 219 IS, Tweefontein 203 IS, Uitkyk 220 IS and Orange Vallei 201 IS) and the Hendrina Reserve (Elim 247 IS, Geluksdraai 240 IS, Orpenskraal 238 IS and Bosmanskrans 217 IS) and has a combined area of approximately 6 710 ha. Infrastructure and services in the area will need to be upgraded which includes access roads, power and water supply. Infrastructure that will need to be constructed includes, but is not limited to: crushing and screening plant, offices, change houses (including ablution facilities), workshops, ventilation shafts, substations, overland conveyor, pollution control dam and silo bins, access roads, power and water supply.

An Environmental Impact Assessment (EIA) process will be undertaken in accordance with the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA) and the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) for which the Department of Mineral Resources (DMR) is the competent authority. An Integrated Water Use Licence Application will also be submitted in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) to the Department of Water and Sanitation (DWS).

SCOPING REPORT AVAILABLE FOR COMMENT

Umcebo has appointed Digby Wells Environmental, as the independent Environmental Assessment Practitioner (EAP), to conduct the EIA, Public Participation Process and specialist studies. The Scoping Report will be compiled and will be available for public comment from **Wednesday, 20 April – Monday, 23 May 2016** at the respective public places as indicated in the table below.

Person	Location	Contact
Thea Naude	Hendrina Public Library (63 Church Street, Hendrina)	(013) 249 7249
Charles Joseph	Breyten Public Library (Cnr Breytenbach & Oos Streets)	(017) 801 3792
Qondile Monareng	www.digbywells.com (under Public Documents), phone and request a CD copy	(011) 789 9495

INVITATION TO PUBLIC MEETING

A Public Meeting will be held to discuss the content of the Scoping Report as indicated below.

Venue	Address	Date	Time
Cosmos Hall	Fountain Street, Hendrina	5 May 2016	14:00 – 16:00

REGISTRATION AS AN INTERESTED AND AFFECTED PARTY

The Public Participation Process has been initiated to share project information and gather comments about the proposed project from all Interested and Affected Parties (I&APs). Should you wish to be registered as an I&AP, obtain additional information, comment on the proposed development or confirm your attendance at the Public Meeting, please use the contact details below.

Digby Wells Environmental

Nestus Bredenhann and Qondile Monareng

Tel: 011 789 9495, Fax: 086 583 5715 Email: nestus.bredenhann@digbywells.com or qondile.monareng@digbywells.com

Postal Address: Private Bag X 10046, Randburg, 2125

Project Number: XST3791

Vuiste klap by skool

Onderwysers takel mekaar oor vloekery

Gerhard Rheeder

Aanrandingsklagtes is geopen, en toe teruggetrek, deur twee onderwysers wat mekaar voor leerlinge in 'n woeste vuisgeveg getakel het, by Belfast se Platorand Skool.

Die voorval verlede Woensdag, is bevestig deur 'n bron in die skool wat sê dit is skreiend dat twee volwassenes, die een wit en die ander swart, mekaar "so sleg gesê het voor die kinders dat die see hul nie sal skoon was nie, voor die vuiste geklap het".

Beide mnr. Herman Prinsloo en Jack Masimela het aanrandingsklagtes geopen. Die sake is intussen teruggetrek.

Volgens 'n getuie, het mnr. Frans Burger, 'n ander onderwyser, die mans uit mekaar probeer hou. Die geveg het eers gestop toe mnr. Masimela die hasepad gekies het.

Die onderonsie volg glo op 'n beledigende opmerking wat kort voor die voorval in 'n koshuisboek gemaak is.

Mnr. Prinsloo, wat teenaan die koshuis woon, het glo in die boek geskryf dat die koshuisvader aan diens, mnr. Masimela, moet toesien dat leerlinge nie deur sy eiendom skoolterrein toe loop nie. Die kinders loop glo selfs deur sy huis, na en van die skool.

Iemand het langs dié versoek gaan skryf "f*** you," wat die humeure onder die mans laat opvlam het.

Woensdag, terwyl mnr. Prinsloo en Burger op pad was na 'n werkwinkel op die skoolterrein, is mnr. Prinsloo glo van agter deur mnr. Masimela gegryp en 'n woordewisseling het ontstaan wat gou verander het in 'n volskaalse slegsê sessie.

"F*** jou ma!" en "f*** jou sussie" is onder andere gesê. Daarna het die vuiste geklap.

Mnr. Burger moes glo bontstaan om leerlinge van die skool, weg van die stoeiende mans te hou. "Hy moes in alle rigtings keer," het die bron gesê. Die leerlinge was glo "opgewek" deur die geveg.

Die skool word deur 'n provinsiale skoolgids beskryf as 'n instansie vir kindersbo13, waar halfvandieskooldag gebruik word vir akademiese, en die ander helfte vir ambagsontwikkeling, soos paneelkloppersy, werktuigkunde, naaldwerk en houtwerk.

Die polisie het die twee klagtes bevestig, en ook dat beide later teruggetrek is.

• In 2011 het die skool ook nasionale opslae gehaal nadat 'n 14-jarige wit seun deur 'n groep swart seuns met 'n hoëdruk pomp gesodomiseer is. Die seun het ernstige interne beserings opgedoen in die voorval.

Die skoolhoof, mnr. Everence Matshika, is sedert die intrapslag deur ouers en beheerliggaamslede gesystap nadat die voormalige hoof, mnr. Andrew Dick Watts, in Februarie 2007 deur die departement geskors is vir beweerde wanbestuur.

Die ondersoek het egter so gesloer dat Watts, wat die volle ondersteuning van die beheerraad gehad het, in Desember 2008 bedank het, en Matshika aangestel is.

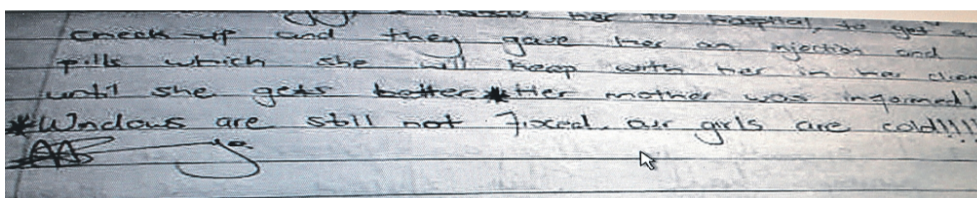
Die *Observer* het in Junie 2014 berig dat die koshuise vir weke sonder warm water was en kinders in emmers koue



Mnr. Everence Matshika, hoof van Platorand Skool, soos hy in Junie 2014 op die Middelburg Observer se webwerf verskyn het, na klagtes dat hy kinders se pleidoorie vir warm water, wat weke lank nie beskikbaar was in die koshuise nie, ignoreer.



Die emmers waaruit seuns en meisies van Platorand Skool glo weke lank in die hartjie van die winter, in koue water moes bad.



Een van die boekinskrywings deur 'n besorgde koshuisvoog in die meisieskoshuis.

water moes bad. 'n Ouer aan die skool wie se kind in die koshuis was, het die boekinskrywings van koshuisvoogde waar hulle vra "Wie lees die klagtes? Waarom word daar niks gedoen nie" afgeneem en aan die *Observer* verskaf. Die voogde het onder meer gevra vir 'n

siekeboek vir die meisieskoshuis, weens 'n uitbreking van diarree. Daar is ook in die voogdeboek gepleit - "maak asseblief die gebreke ruite reg, ons dogters is koud!". Soos mnr. Matshika, het mnr. Burger botweg geweier om met die media te praat.

Leerlinge wéér gestrand

Bestuurder sê sus, kontrakteur sê so

Gerhard Rheeder

Blinkpan leerlinge is weer gestrand nadat busvervoer gestaak is.

Hoërskool Middelburg moes die week hul busse inspan om die 14 leerlinge wat daar skoolgaan, agter die skoolbanke te kry.

Altesaam 13 leerlinge van HTS Middelburg word ook daagliks met die busse van Blinkpan, na Middelburg en terug vervoer.

Engelse leerlinge van Steelcrest en Eastdene Combined, maak ook gebruik van die busdiens.

Ouers het Maandag om 17:00 'n vergadering belê om die krisis te bespreek.

Hoërskool Middelburg hoof, mnr. Johan Stronkhorst het dadelik ingestem om skoolvervoer vir die leerlinge te reël, hoewel die skool

se bussies reeds ingespan word om plaaslike leerlinge by talle optelpunte te gaan oplaai.

Die gestrande leerlinge kan eers opgelaai word sodra die Middelburg roetes voltooi is.

HTS het Dinsdag ook tot die redding gekom, en die reëling is dat Middies die kinders gaan haal en HTS hulle weer gaan aflaai.

"Ons kan ook nie saamryklubs stig nie, want openbare vervoerlisensies is 'n vereiste," sê die ouer, en las by "talle ouers het eenvoudig nie vervoer nie, en min van ons kan privaat busdienste bekostig".

Ouers sê die provinsiale onderwys departement het 'n kontrak met 'n diensverskaffer, 'n mnr. Zacharia Mokwana, wat op sy beurt weer die busbestuurders moet betaal.

Die betrokke busbestuurder sê egter geld is aan hom verskuldig, en die buswiele sal nie rol alvorens hy sy geld kry nie.

"Die kontrakteur betaal ons bietjies-bietjies, en die kontrak met die departement verstryk einde Junie, ek is bang ek kry nie my geld nie," het die ongeïdentifiseerde bestuurder telefonies aan die *Observer* gesê.

Mnr. Mokwana sê egter die bestuurders in sy diens is ten volle betaal.

"Die Middelburg bus het gebreek en die parte is bestel, die bus sal Maandag weer op die pad wees," het mnr. Mokwana belowe.



Leerlinge van Blinkpan wat in Middelburg skoolgaan, is sedert Maandag weer gestrand omdat die bus staan. Die kontrakteur sê egter dienste sal komende Maandag weer hervat word.

UMCEBO MINING (PTY) LTD

INTEGRATED ENVIRONMENTAL REGULATORY PROCESS FOR THE PROPOSED UNDERGROUND COAL MINE, HENDRINA, MPUMALANGA PROVINCE

Umcebo Mining (Pty) Ltd (Umcebo), a subsidiary of Glencore Operations South Africa (Pty) Ltd (Glencore) is proposing the development and operation of a new underground coal mine and associated infrastructure. The project is located within the Magisterial District of Middelburg approximately 10 – 22 km south east of Hendrina. It is proposed to commence with construction and development when all required licences and authorisations have been granted. The project has a 36 year Life of Mine.

The project proposes to extract coal by bord and pillar mining method. It involves eight farms namely, the Mooivley Reserve (Mooivley 219 IS, Tweefontein 203 IS, Uitkyk 220 IS and Orange Vallei 201 IS) and the Hendrina Reserve (Elim 247 IS, Geluksdraai 240 IS, Orpenskraal 238 IS and Bosmanskrans 217 IS) and has a combined area of approximately 6 710 ha. Infrastructure and services in the area will need to be upgraded which includes access roads, power and water supply. Infrastructure that will need to be constructed includes, but is not limited to: crushing and screening plant, offices, change houses (including ablution facilities), workshops, ventilation shafts, substations, overland conveyor, pollution control dam and silo bins, access roads, power and water supply.

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Qondile Monareng	www.digbywells.com (under Public Documents), phone and request a CD copy	(011) 789 9495

INVITATION TO PUBLIC MEETING

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Venue	Address	Date	Time
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DIGBY WELLS ENVIRONMENTAL

Project Number: XST3791

Appendix 2D: Site Notice



DIGBY WELLS
ENVIRONMENTAL

Umcebo Mining (Pty) Ltd

Integrated Environmental Regulatory Process for the Proposed Underground Coal Mine, Hendrina, Mpumalanga Province

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Project Number: XST3791



DIGBY WELLS



ENVIRONMENTAL

UMCEBO MINING (PTY) LTD
ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT
PROGRAMME REPORT FOR THE PROPOSED HENDRINA UNDERGROUND COAL MINE,
MPUMALANGA

SAMRAD Reference Number: *MP 30/5/1/2/2/10129 MR*

SITE NOTICES

Site notices placed at publically accessible places on Tuesday, 19 April 2016

Public Place	Coordinates / Location	Photo
Hendrina Library	26°09'37.91"S; 29°42'58.40"E	
Hendrina Police Station	26°09'38.75"S; 29°42'51.62"E	

<p>KwaZamokuhle</p>	<p>26°07'58.84"S; 29°43'53.92"E</p>	
<p>Mkhomazi Primary School</p>	<p>26°19'04.17"S; 29°58'54.26"E</p>	
<p>Breyten Library</p>	<p>26°18'07.94"S; 29°59'10.81"E</p>	
<p>Breyten Police Station</p>	<p>26°17'59.07"S; 29°59'11.68"E</p>	

Appendix 2E: Public Meeting Scoping Phase



Umcebo Mining (Pty) Ltd Proposed Underground Coal Mine EIA

Scoping Phase
Stakeholder Engagement Meeting
05 May 2016



Agenda

1. Introduction to Project Team
2. Project Need
3. Project Description
4. Potential Impacts
5. Legal Requirements
6. EIA Process and Stakeholder Engagement
7. Open Discussion



Project Team

Umcebo Mining Project Applicant

A subsidiary of Glencore Operations South Africa (Pty) Ltd
Elmien Webb - Project Manager
Janine Ingram - Project Representative
Arno Lottering - Surface Rights Manager

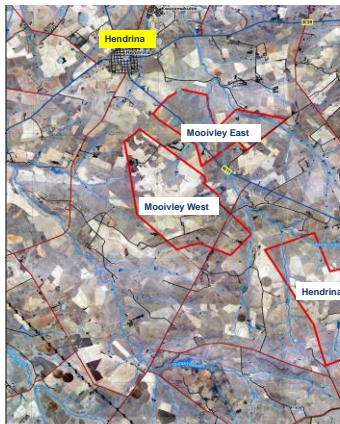
Digby Wells Independent Environmental Assessment Practitioner

Kasantha Moodley - Project Manager
Claire Dendy - Project Consultant
Nestus Bredenhann - Stakeholder Engagement Consultant
Qondile Monareng - Stakeholder Engagement Consultant



Project Need

1. Coal is the most widely used source of fuel for electricity generation and accounts for 36 % of the total fuel consumption globally
2. South Africa's energy resource is dominated by coal, approximately 77 % of South Africa's primary energy needs are provided by coal
3. Many of the existing coal-fired power stations will need a supply of coal well into the 2030's with a few stations needing significant volumes of coal beyond 2040



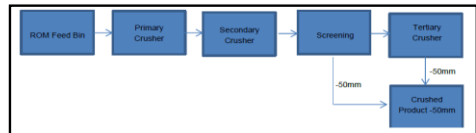
Project Overview

- Three Underground Coal Reserves (6714 ha)
- Affected Farms: Oranje Vallei 201 IS, Bosmanskrans 217 IS and Mooivley 219 IS
- Coal at depth of 32 to 128 m below ground – Low Grade
- Life of Mine: 30+ years
- 78 million tonnes of Run of Mine
- Production rate of 2.4 million tonnes per annum



Mine Overview

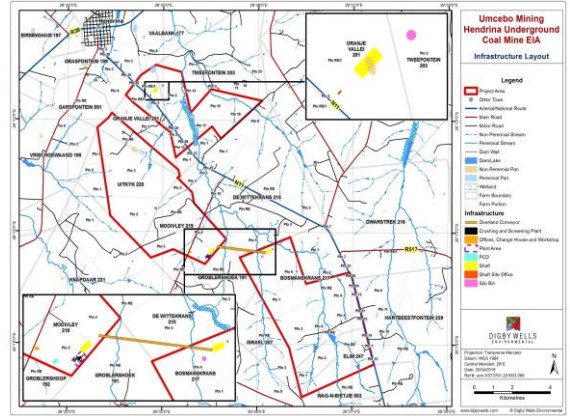
1. Bord and Pillar Mining Method
2. ROM will be sent to a Crushing and Screening Plant
3. Final coal product to be transported via road to surrounding Eskom Power Stations





Associated Mine Infrastructure (14 ha)

1. Three Incline Shafts
2. Roads (Access and Hauling)
3. Pollution Control Dam (PCD)
4. Package Sewage Treatment Plant
5. Two ROM Silo Bins located (at Shafts 2 and 3)
6. Overland Conveyor Belt
7. Three coal product stockpiles
8. Site Offices, Change House (including ablation facilities) and Workshop
9. Five Aboveground Diesel Storage Tanks
10. Waste Storage Facilities
11. Diesel Generator Set



Potential Project Impacts	
Project Activities	Potential Impacts
Site Clearance Activities: vegetation removal, stripping and stockpiling	<ul style="list-style-type: none"> Sedimentation of streams/rivers Loss of land capability Increase in dust emissions Loss of fauna and flora habitat
Development and Operation of Underground Mine	<ul style="list-style-type: none"> Deterioration of wetlands Increase in noise and vibration from blasting Loss of land capability Health and safety impacts Visual impacts Deterioration of ambient air quality
Development of Surface Infrastructure (i.e. haul roads and Crushing and Screening Plant)	<ul style="list-style-type: none"> Soil compaction resulting in erosion Sedimentation of streams/rivers Deterioration of wetlands, fauna and flora habitat Reduced water quality (surface and groundwater) Increase in ambient noise levels Increase in dust emissions Light disturbance (at night)

Potential Project Impacts	
Project Activities	Potential Impacts
Blasting	<ul style="list-style-type: none"> Release of nitrates from explosives resulting in reduced water quality Damage to infrastructure
Coal Stockpiling	<ul style="list-style-type: none"> Reduced water quality (i.e. AMD) Deterioration of aquatic systems and ecology
Water Abstraction and Use Mine Dewatering	<ul style="list-style-type: none"> Reduction of water quantity (in boreholes)
Hauling	<ul style="list-style-type: none"> Congestion on roads (N11, R542 and Davel Road) Damage to road infrastructure
Employment 86 - construction 371 - operation	<ul style="list-style-type: none"> Possible influx of job seekers Job creation (+) Loss of jobs on closure of the mine
Underground mining resulting in subsidence	<ul style="list-style-type: none"> Potential loss or alteration of a heritage site (Le graves, buildings older than 60 years) Loss of wetlands and connectivity between wetland areas



Legal Requirements

Legislation	License to be Applied for	Competent Authority
Mineral and Petroleum Resource Development Act, 2002 (Act No. 28 of 2002)	Mining Right	DMR
National Environmental Management Act, 1998 (Act No. 107 of 1998)	Environmental Authorisation	DMR
National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008)	Waste Management License	DMR
National Water Act, 1998 (Act No. 36 of 1998)	Water Use License	DWS
National Heritage Resources Act, 1999 (Act No. 25 of 1999)	Approval for Development	SAHRA



EIA Process

An EIA identifies and proposes mitigation measures for biophysical and socio-economic impacts associated with a project

In accordance with the EIA Regulations (December 2014)

Specialist Studies

Surface Water	Wetlands
Groundwater	Soils and Land Capability
Flora and Fauna	Air Quality
Aquatics	Traffic
Noise	Heritage
Blasting and Vibration	Visual
Rehabilitation and Closure	Social



Stakeholder Engagement

Date	Activity
20 April to 22 May 2016	Scoping Report Commenting Period <i>(Report available at the Breyten and Hendrina Public Libraries and Digby Wells Website)</i>
5 May 2016 from 11:00 to 13:00	Landowner Focus Group Meeting
5 May 2016 from 14:00 to 16:00	Public Meeting

All comments obtained during the meeting will feed into the Scoping Report and submitted to the DMR for their consideration



Open Discussion

1. Please state your name and organization you represent clearly before you speak and every time you speak for the record
2. Direct questions through the facilitator
3. One person to speak at a time



DIGBY WELLS
ENVIRONMENTAL

**UMCEBO MINING (PTY) LTD
ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT
PROGRAMME REPORT FOR THE PROPOSED HENDRINA UNDERGROUND COAL MINE,
MPUMALANGA**

SAMRAD Reference Number: *MP 30/5/1/2/2/10129 MR*

LANDOWNERS PUBLIC MEETING PHOTOS

PHOTOS TAKEN AT THE LANDOWNERS PUBLIC MEETING 5 MAY 2016

PHOTOS



PUBLIC MEETING PHOTOS

PHOTOS TAKEN AT THE PUBLIC MEETING 5 MAY 2016

PHOTOS





DIGBY WELLS
ENVIRONMENTAL

ATTENDANCE REGISTER FOR

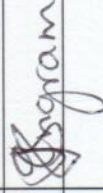


UMCEBO MINING (PTY) LTD

**INTEGRATED ENVIRONMENTAL REGULATORY PROCESS FOR THE PROPOSED UNDERGROUND COAL MINE, HENDRINA,
MPUMALANGA PROVINCE**

Project:	XST3791	Venue:	Cosmos Hall
Date:	Thursday, 5 May 2016	Time:	11:00 – 13:00



Title		Name and Surname	Organisation and Designation	Postal Address	Contact Details			
Mr	Nortus Beddenham	Digby Wells			Tel/Cell: 011 789 9495	Fax:		
					E-mail: nortus.beddenham@digbywells.com	Signature:		
Ms	Qondile Monarenes	Digby Wells	915X10046 Landsburg 2125'		Tel/Cell: 011 789 9495	Fax:		
					E-mail: qondile.monarenes@digbywells.com	Signature:		
Miss	Claire Dendy	Digby Wells	"		Tel/Cell: 011 789 9495	Fax:		
					E-mail: claire.dendy@digbywells.com	Signature:		
Ms.	Kasantha Moodley	"	"		Tel/Cell: .	Fax:		
					E-mail: Kasantha.moodley@digbywells.com	Signature:		

Title	Name and Surname	Organisation and Designation	Postal Address	Contact Details			
Mrs	Janine Ingram	Glencore Group Business Analyst		Tel/Cell:	Fax:	E-mail:	Signature:
				013 653 5381		Janine.Ingram@glencore.co.za	
				Tel/Cell:	Fax:	E-mail:	Signature:
				Tel/Cell:	Fax:	E-mail:	Signature:
				072 314 7564			
				Tel/Cell:	Fax:	E-mail:	Signature:
				017 811 6084 / 0768485693		Ernie@coastalhire.co.za	


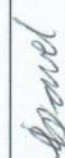

ASK
NESTUS



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Mrs	gent Davel	Elcas Eindhoven	P.O BOX 177 Hendriind	Tel/Cell: 0791 885507	Fax:	E-mail:	Signature: 	
Mr	H.J. Prinsloo	Pars Grenada	Box 12814 Nelspruit	Tel/Cell: 082 460 3856	Fax:	E-mail:	Signature: 	



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	<p>J.P. Stoltz Friseurwagte</p>			Tel/Cell:	Fax:	E-mail:	Signature:
	<p>A. Praetorius</p>		<p>Po Box 98 HENDEN 1095</p>	Tel/Cell:	Fax:	E-mail:	Signature:
	<p>Jessica van der Walt</p>		<p>BUS 272 Hending 1095</p>	Tel/Cell:	Fax:	E-mail:	Signature:



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Mr	Molisi Evidance Mthombeni	Kwandiyaase Co-operative	Po Box 575 Hendrina 1095	Tel/Cell: 079 414 5865	Fax:	E-mail: m.mthombeni@gmail.com	Signature: <i>[Handwritten Signature]</i>	
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				Tel/Cell:	Fax:	E-mail:	Signature:	



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

UMCEBO MINING (PTY) LTD

INTEGRATED ENVIRONMENTAL REGULATORY PROCESS FOR THE PROPOSED UNDERGROUND COAL MINE, HENDRINA,
MPUMALANGA PROVINCE

Project:	XST3791	Venue:	Cosmos Hall
Date:	Thursday, 5 May 2016	Time:	14:00 – 16:00

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd). Co. Reg. No. 2010/008577/07. Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191. Private Bag X10046, Randburg, 2125, South Africa
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Directors: AJ Reynolds (Chairman) * GE Trueter (C.E.O.), GB Berringer, LF Koestlag, J Leaver*, NA Mchomakulu, DJ Otto
*Non-Executive



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Mrs	Betsie Joransburg	Land eigenaar.	Paskus 335 Mendipa.	Tel/Cell:	076 716 7087	Fax:	
E-mail:	grasfontein@yaho.com						
Signature:							



DIGBY WELLS

ENVIRONMENTAL

ATTENDANCE REGISTER FOR

UMCEBO MINING (PTY) LTD

INTEGRATED ENVIRONMENTAL REGULATORY PROCESS FOR THE PROPOSED UNDERGROUND COAL MINE, HENDRINA,
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CIR	MATHIBUVA	0829001266	11	Signature:		Tel/Cell:	0115088339.
	Delly Lutise.	Ward 1 KWAZA	2111 KWAZA	Fax:		E-mail:	
	Mufuza Luthele	Ward 1 KWAZA	3279 KWAZA	Signature:		Tel/Cell:	072 8160811
				Fax:		E-mail:	
				Signature:			



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				Signature:		Tel/Cell:	
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				Tel/Cell:		Fax:		E-mail:		Signature:	



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MR.	R. N. ENLES	FARMING	P O Box 115 BREYTON 2330	Tel/Cell:	082 561 1460	Fax:	
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MRS	Josephina Masanga	Masigulabeke Prsch	P.O. Box 99 Hendrina 1095	Tel/Cell:	07204457703	Fax:	
				Signature:	J. Masanga	E-mail:	



Title	Name and Surname	Organisation and Designation	Postal Address	Contact Details			
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				E-mail:		Fax:	
				Signature:		Tel/Cell:	
				E-mail:		Fax:	
				Signature:		Tel/Cell:	

Final EIA and EMP Report

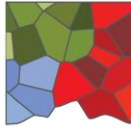
Proposed Hendrina Underground Coal Mine, Mpumalanga

XST3791



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Appendix 2F: Announcement of Final Scoping Report



DIGBY WELLS

ENVIRONMENTAL

PROJECT NO: XST3791

26 May 2016

Umcebo Mining (Pty) Ltd

Integrated Environmental Regulatory Process for the Proposed Underground Coal Mine, Hendrina, Mpumalanga Province

DMR Reference Number: MP 30/5/1/2/2/10129 MR

Availability of the updated Scoping Report for public comment

Dear Stakeholder,

Umcebo Mining (Pty) Ltd (Umcebo), a subsidiary of Glencore Operations South Africa (Pty) Ltd (Glencore), is proposing the development and operation of a new underground coal mine and associated infrastructure. The project is located within the Magisterial District of Middelburg approximately 10 – 22 km south east of Hendrina. It is proposed to commence with construction and development when all required licences and authorisations have been granted. The project has a 36 year Life of Mine.

Digby Wells would like to thank all stakeholders that have provided comments on the Scoping Report as part of the environmental regulatory process. The Scoping Report, together with the Comment and Response Report (CRR), has been updated and submitted to the Mpumalanga Department Mineral Resources (DMR).

The updated Scoping Report will be available for public comment from **27 May 2016 to 18 June 2016** on the Digby Wells website (www.digbywells.com) under Public Documents.

You are invited to comment on the updated Scoping Report by any of the following ways:

- Completing a Registration and Comment Form;
- Writing a letter, or producing additional written submissions; or
- Sending an email or phoning the Stakeholder Engagement Office.

You are also welcome to request a CD and contact us on Tel: 011 789 9495, Fax: 086 583 5715, Postal: Private Bag X10046, Randburg, 2125, email: gondile.monareng@digbywells.com or nestus.bredenhann@digbywells.com. Your input and feedback are valued.

Yours sincerely

Nestus Bredenhann

Stakeholder Engagement Office

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd), Co. Reg. No. 2010/008577/07. Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191. Private Bag X10046, Randburg, 2125, South Africa
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Directors: AJ Reynolds (Chairman) (British)*, GE Trusler (C.E.O), GB Beringer, LF Koeslag, J Leaver*, NA Mehlomakulu, DJ Otto

*Non-Executive

Final EIA and EMP Report

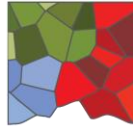
Proposed Hendrina Underground Coal Mine, Mpumalanga

XST3791



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Appendix 2G: Announcement of Draft EIA



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ENVIRONMENTAL

UMCEBO MINING (PTY) LTD

ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED HENDRINA UNDERGROUND COAL MINE, MPUMALANGA

Project Reference: No: XST3791

16 March 2017

SAMRAD Reference Number: *MP 30/5/1/2/2/10129 MR*

Availability of the Draft EIA/EMP Report for public comment

Dear Stakeholder,

Digby Wells thanks stakeholders who have contributed comments towards the Environmental Impact Assessment (EIA) process for the Proposed Umcebo Mine to date. This letter serves to inform you that the specialist studies have been completed and that the Draft Environmental Impact Assessment Report (DEIAR) and Environmental Management Plan (EMP) is now available for public comment.

The aforementioned reports will be available for public comment from **17 March 2017 to 19 April 2017** at the public places as indicated below.

Person	Location	Contact
Printed Copies		
Thea or Busisiwe	Hendrina Public Library (63 Church Street, Hendrina)	(013) 249 7247
Charles Joseph	Breyten Public Library (Cnr Breytenbach & Oos Streets)	(017) 801 3792
Electronic Copies		
Nondumiso Gwala	www.digbywells.com (under Public Documents) or phone and request CD copy	(011) 789 9495

How to comment on the reports

Comments on the various reports can be submitted through any of the following means:

- Completing a Registration and Comment Form that can be obtained from the Stakeholder Engagement Office;
- Writing a letter;
- Sending an email, fax or post, the details of which can be found at the end of this announcement letter;
- Providing comments at the Public Meeting; or
- Phoning the Stakeholder Engagement Office as per the details at the end of this announcement letter.

Invitation to Public Meeting

A Public Meeting will be held to discuss content of the DEIAR/EMP and to obtain stakeholder comments as indicated below.



Venue	Cosmos Hall, Fountain Road, Hendrina
Date	29 March 2017
Time	13:00 – 14:30

Stakeholders affected by, or who are interested in the proposed project, are invited to register as an Interested and Affected Party (I&AP). Please complete and return the attached Registration and Comment Form to Digby Wells to register as I&AP, to indicate your interest in receiving further information regarding the EIA process or to submit comments.

You are also welcome to contact the Stakeholder Engagement Office on Tel: 011 789 9495, Fax: 011 069 6801, Postal: Private Bag X10046, Randburg, 2125, Email nondumiso.gwala@digbywells.com. Your input and feedback are highly valued.

Yours sincerely

Nondumiso Gwala

Stakeholder Engagement Office

Enclosed:

- *Registration and Comment Form*

Final EIA and EMP Report

Proposed Hendrina Underground Coal Mine, Mpumalanga

XST3791



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Appendix 2H: Public Meeting EIA Phase



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Environmental Authorisation for the Hendrina Underground Coal Mine, Mpumalanga Province

Public Meeting

29 March 2017

Agenda

- Introduction: Project Team
- Guidelines for a Productive Discussion
- Meeting Objectives
- Project Overview
- Legal Requirements
- Specialist Study Findings and Mitigation Measures
- EIA and Public Participation Processes and Timelines
- Contact Details
- Open Discussion

Project Team

- Digby Wells Environmental
 - Mellerson Pillay - Facilitator
 - Barbara Wessels – Project Manager
 - Claire Dendy – Project Administrator
 - Nondumiso Gwala – Stakeholder Engagement Practitioner
- Umcebo Mining
 - Elmien Webb – Project Manager
 - Janine Ingram – Project Engineer

Guidelines for a Productive Discussion

- Please hold comments and questions until after the presentation
- Focus on issues, not people
- Courtesy
- One person and one question at a time
- Work through the facilitator
- State your name before asking a question
- Cell phones on silent, please

Meeting Objectives

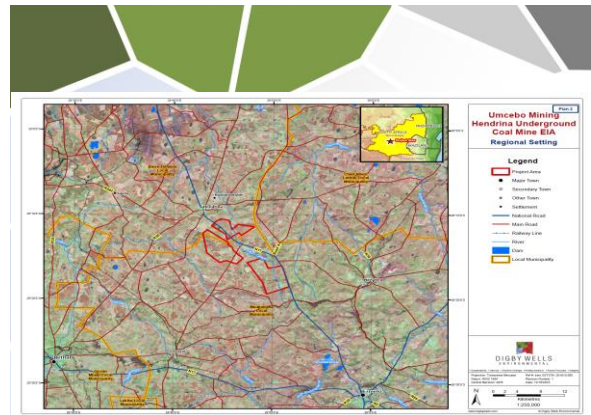
- To present an update of the EIA and PPP
- Brief project overview
- To present a summary of the content and findings of the Draft EIA/EMP Report and key specialist studies
- To present the proposed mitigation measures and the implementation thereof
- To obtain feedback and input from stakeholders on the Draft EIA/EMP Report

Project Overview

- Mining areas: Hendrina South, Mooivley East and Mooivley West
- Underground mining area: 3 015.77 ha
- Total infrastructure area: 42 ha
- Approximately 78 million tonnes of Run of Mine Coal
- Mining to occur between 32 m and 100 m
- One shaft complex per area (two access shafts and one ventilation shaft)
- Mooivley West & Hendrina South to be mined simultaneously; Mooivley East will be mined thereafter
- Life of Mine: 36 years
- Bord and pillar mining method
- The mined coal will be crushed and washed
- Coal to be supplied to Eskom via haul trucks (not for export)

Project Overview (continue)

- Two Prospecting Rights
- MP 1265 PR
 - Mooivley 219 IS: Portions 2, 4, 5 and RE
 - Tweefontein 203 IS: Portions 2, 15, 16, 17 & Portion of Portion 14
 - Uitkyk 220 IS: Portions 2 and 3
 - Orange Vallei 201 IS: Portions 1 and RE
- MP 1266 PR
 - Elim 247 IS: RE of the farm
 - Geluksdraai 240 IS: Portions 1 and 2
 - Orpenskraal 238 IS: RE of the farm
 - Bosmanskrans 217 IS: Portions 1, 3, 4, 6, 8, 9 and RE of the farm



Legal Requirements (summary)

- **Environmental Authorisation:** EIA Regulations, 2014 promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA)
- **Mining Right:** Minerals and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), (MPRDA) as amended
- **Waste Management Licence:** National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEM:WA)
- **Heritage Resources Management** Process in accordance with Section 38(8) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) (NHRA)
- **Integrated Water Use Licence:** National Water Act, 1998 (Act No. 36 of 1998) (NWA) (Still to be applied for)

Specialist Studies

Purpose:

- Determine the status quo of the project area
- Undertake studies to investigate project impacts on the physical and social environment
- Quantify and contextualise the physical and social environmental impacts
- Develop and propose mitigation and management measures

Studies Undertaken:

Air Quality	Soil, Land Capability and Land Use	Traffic
Noise	Rehabilitation and Closure	Aquatic Ecology
Blasting	Surface and Groundwater	Wetland
Social and Heritage	Fauna and Flora	Visual

Summary of Impacts

- Most significant impacts: Wetlands, surface water, groundwater and social
- Other potential impacts include:
 - Loss of utilisable soil through compaction and erosion
 - Dust generation
 - Gaseous emissions impacting on air quality
 - Loss of *Eragrostis* – dominant Grassland (made up 44.2% of project area; will loose approximately 0.1%)
 - Possible Alien Invasive Plant establishment
 - Loss of aquatic habitat
 - Runoff containing pollutants resulting in water and habitat quality degradation
 - Subsidence of land which can impact wetland and aquatic systems

Summary of Other Impacts (continue)

- Decant of contaminated water into local aquatic ecosystems
- Potential loss of integrity of rock art sites (will not be directly impacted)
- Damage to surface dressing of burial grounds and graves (current project design does not require the relocation of any graves)
- Infrastructure establishment can impact on visual receptors
- Noise will emanate from the machinery and vehicles
- Increase in traffic volumes and vehicle delays which can affect the road condition

Summary of Mitigation Measures

- Soil amelioration (cultivation) to enhance the growing capability of the topsoil stockpiles
- Soil replacement and the preparation of a seed bed to facilitate the re-vegetation program
- Implement dust suppression mechanisms
- Use of baghouse to collect underground emissions from the ventilation shaft
- Enclosure of crusher will be considered if emissions are in exceedance
- Dust monitoring
- An Alien Invasive Plant management plan should be implemented for two years post closure
- Diversion trenches and berms should convey dirty water to the PCDs

Summary of Mitigation Measures (continue)

- Ensure sufficient pillar support and safety factors
- Management of crossings to ensure no erosion through construction of gabions
- Where graves are at risk of direct impacts the graves may need to be relocated (monitoring)
- Environmental noise monitoring
- Fitting ventilation silencers to the ventilation fans
- Upgrade of the N11/Mooivley East Access Road
- New proposed Davel Road and Mooivley West intersection

Wetland Assessment

Findings

- 2 830.2 ha (42%) found within the project area
- Sensitive wetlands - Natural pans and the channelled valley bottom wetlands, including the Klein Olifants River
- No surface infrastructure is directly placed on any NFEPA wetlands except for the conveyor belt crossing
- All areas to mined at a depth of less than 40 m could have a risk of subsidence
- Wetlands potentially lost due to mining and infrastructure:
 - Surface Infrastructure - 18.71 ha
 - Underground Mining (below 40 m) – 1,155.64 ha
 - Underground Mining (above 40 m) – 147.54 ha
- Potential Impacts:
 - Loss of wetland soil and vegetation
 - Undermining of wetlands leading to hydrological and geomorphic changes to the functioning of the ecosystem (groundwater impacts)
 - The movement of coal over wetland will negatively impact water quality (conveyor belt) (accidental spills)
 - Post-mining decant of groundwater will have negative impacts on the wetlands as this water is likely to be of a poor quality

Wetlands: Mitigation/Monitoring

- Relocation of infrastructure away from wetlands (scoping phase)
- Abide by conditions in WUL for infrastructure not relocated out of wetlands/buffer zones
- Strict monitoring of wetlands
- Conveyor should be placed on plinths and covered
- Safety factor must be determined by a rock engineer and used for areas of shallow mining (35 to 100 m at least)
- Comprehensive geotechnical investigation
- Mining through underground dykes and sills could lead to the dewatering of wetlands
- Conveyor must be monitored and maintained to best operating standards
- Groundwater and wetlands must be monitored post-mining for potential decant
- Long-term water treatment options will need to be investigated

Groundwater Assessment

Findings

- 190 boreholes were recorded
- 10 of the 13 boreholes sampled are suitable for human consumption
- 3 boreholes found to have high levels of chloride, sodium, fluoride and manganese
- Sulfate concentration - Less than 20.6 mg/L. (Use as a baseline as sulfate levels increase during coal mining)
- Hendrina South is unlikely to generate acid, Mooivley East has sufficient sulfide to generate acid
- Potential Impacts:
 - Depletion of the groundwater resource and possible release of undesired contamination plumes
 - Lowering of the water table in the coal seam aquifer
 - Not expected to impact the Klein Olifants River or the boreholes in the top shallow aquifer
 - No-go areas is predicted to be largest in Hendrina South due to the relatively higher rock permeability detected from the pump testing
 - 1,010 m³/d total inflow rate at maximum capacity (cumulative)
 - Decanting of the closed mine after closure

Groundwater: Mitigation/Monitoring

- Dewatering to keep mine workings dry
- Abstracted water can be use for dust suppression during operational phase in dirty areas
- Groundwater monitoring
- Water to be stored in PCDs
- Line PCDs to prevent contamination
- Capture decant water post closure before it joins any streams

Surface Water Assessment

Findings

- Collected water samples from the Klein Olifants River and other streams
- Predominant water use around the project area is agriculture (irrigation)
- High pH, Chlorine, Ammonia and Sodium levels were recorded
- All samples have elevated TDS levels
- Mine will use approximately 2,000 m³/day and obtain 1,000 m³/day from underground workings. Mine will need an additional 1,000 m³/day (This will vary depending on the season)
- Potential Impacts:
 - Dirty water runoff from infrastructure to nearby streams and Klein Olifants River resulting in contamination
 - Siltation of surface water resources leading to deteriorated water quality
 - Reduction of Catchment Yield as dirty water runoff within the mine will be contained in the PCDs
 - Mine decant resulting in contamination of surface water bodies. The levels of Sulfate, Sodium and TDS could affect agricultural and domestic uses downstream

Surface Water: Mitigation/Monitoring

- Topsoil and overburden stockpiles must be covered or vegetated to limit/prevent erosion
- Contaminated storm water runoff should be routed through trenches to silt trap sumps then to PCDs
- Water quality monitoring (PCD and up and down stream)
- Dust suppression on the haul roads and cleared areas
- All dirty water channels must be constructed and placed within the dirty water infrastructure areas
- The proposed channels should be lined and sized to cater for the 1:50 year storm event
- All fuel storage areas should be appropriately bunded
- Capture decant water before it flows into stream(s)
- The decant should be treated to the acceptable water quality levels (Olifants RWQO) before being discharged

Social Assessment

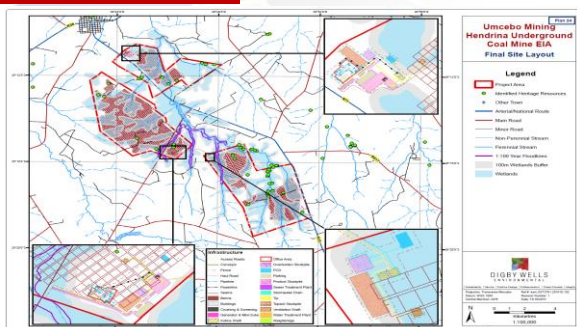
Findings

- A number of low income households are located within the mining right area
- Land is mostly private with some state owned land
- Livelihood is generated through agriculture
- Potential Impacts:
 - Employment creation during construction and operational phases
 - Multiplier effects on the local economy
 - Community development and social upliftment
 - Displacement and influx related impacts
 - Impacts on community health and safety
 - Loss of farm/other labour to the mine
 - Opposition because of perceived negative impacts
 - Economic growth and diversification
 - Dependency on mine for sustaining local economy (Decommissioning)

Social: Mitigation/Monitoring

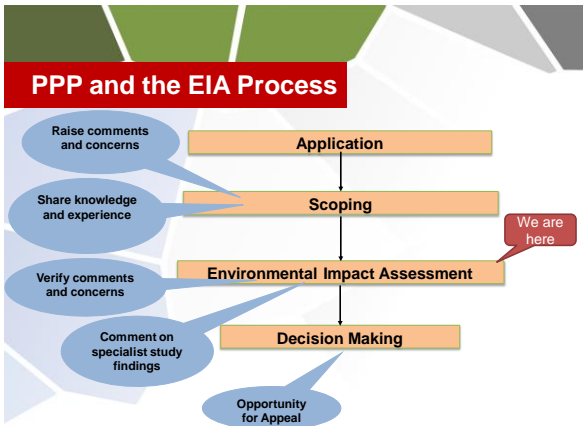
- Employment preference should be given to the current farming workforce (skilled labour) or they should be fairly compensated
- Promote the creation of employment opportunities for locals
- Give preference to suitable local service suppliers
- Identify required skills and align and implement training and skills development initiatives for workers and communities
- Appoint a community liaison officer to enhance communication
- Establish community forums and a grievance mechanism

Final Site Layout



Public Participation Process

Activity	Details
Stakeholder database	A stakeholder database has been developed which includes I&APs from various sectors of society – this includes directly affected and adjacent landowners, in and around the proposed project area
Distribution of Announcement Letter and BID	A BID, Announcement Letter with Registration and Comment Form was distributed on 13 April 2016
Placing of newspaper advertisement	An English advert was placed on 15 April 2016 in the Middleburg Observer
Placement of site notices	English site notices were put up at the proposed, project site, local libraries and municipal offices on 19 April 2016
Announcement of Scoping Report (SR)	Announcement of availability of the SR was distributed to stakeholders on 14 April 2016
Scoping Stakeholder Meetings	A Public Meeting during the 30-day public comment was held at Kosmos Hall Hendrina on 5 May 2016



Schedule to Date

Activity	Date
Draft Scoping Report Public Review Period	20 April – 22 May 2016
Scoping Phase Public Meeting	5 May 2016
Submission of Updated Scoping Report	30 May 2016
DMR Acceptance of Updated Scoping Report	2 November 2016
EIA Report Public Review Period	17 March - 19 April 2017
Submission of Updated EIA Report	26 April 2017

Going Forward

- Contributions from stakeholders assist with informed decision making for authorities and provide information to be considered by the project team and specialists that are conducting studies
- EIA/EMP Report with an updated Comment and Response Report (CRR) for the project is available for comment from 17 March to 19 April 2017

Contact person	Venue	Contact number
Ms Thea Naude	Hendrina Public Library	(013) 249 7249
Mr Charles Joseph	Breyten Public Library	(017) 801 3792

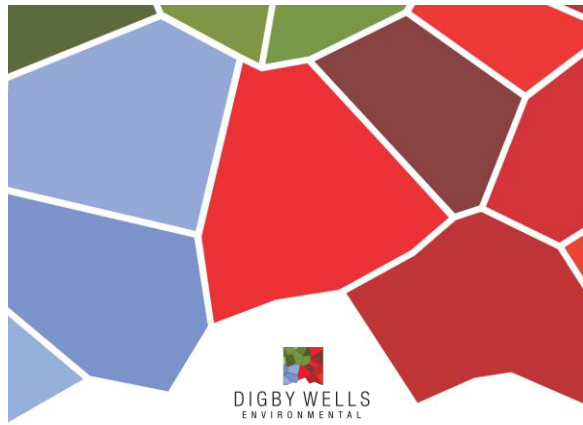
www.digbywells.com/en/public-documents or phone and request CD copy (011 789 9495)

Contact Details

Stakeholder Engagement

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- ### Open Discussion
- Please hold comments and questions until after the presentation
 - Focus on issues, not people
 - Courtesy
 - One person and one question at a time
 - Work through the facilitator
 - State your name before asking a question
 - Cell phones on silent, please





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UMCEBO MINING (PTY) LTD
ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT
PROGRAMME REPORT FOR THE PROPOSED HENDRINA UNDERGROUND COAL MINE,
MPUMALANGA

SAMRAD Reference Number: *MP 30/5/1/2/2/10129 MR*

LANDOWNERS PUBLIC MEETING PHOTOS

PHOTOS TAKEN AT THE LANDOWNERS PUBLIC MEETING 29 MARCH 2017

PHOTOS



PUBLIC MEETING PHOTOS

PHOTOS TAKEN AT THE PUBLIC MEETING 29 MARCH 2017

PHOTOS





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ATTENDANCE REGISTER FOR

UMCEBO MINING (PTY) LTD

**ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE
PROPOSED HENDRINA UNDERGROUND COAL MINE, MPUMALANGA**

Project:	XST3791	Venue:	Cosmos Hall
Date:	Wednesday, 29 March 2017	Time:	13:00 – 14:30

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd), Co. Reg. No. 2010/008577/07, Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191, Private Bag X10046, Randburg, 2125, South Africa
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Directors: AJ Reynolds (Chairman) (British)*, GE Trusler (C.E.O), GB Beringer, LF Koeslag, J Leaver*, NA Mehlomakulu, DJ Otto






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	WONPERBOY Mthajwa	Community	STAND 417 SIBEKO STR KwaZulu Natal	Tel/Cell: 0729845944 Fax: E-mail: Signature: <i>[Signature]</i>





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**ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED
HENDRINA UNDERGROUND COAL MINE, MPUMALANGA**

Project:	XST3791	Venue:	Cosmos Hall
Date:	Wednesday, 29 March 2017	Time:	10:00 – 11:-30

Digby Wells and Associates (South Africa) (Pty) Ltd (Subsidiary of Digby Wells & Associates (Pty) Ltd), Co. Reg. No. 2010/008577/07, Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191, Private Bag X10046, Randburg, 2125, South Africa
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Directors: AJ Reynolds (Chairman) (British)*, GE Trusler (C.E.O), GB Beringer, LF Koeslag, J Leaver*, NA Mehlomakulu, DJ Otto

*Non-Executive

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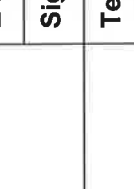

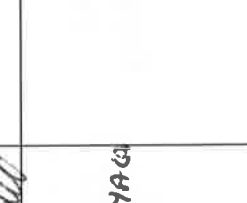

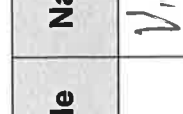
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	AYANDA CHEBITA		No 1 De Jager Street HEMDEUNA	Tel/Cell: 082 623 7495	Fax:	E-mail: ayas4mp888@gmail.com	Signature: 

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Appendix 2I: Comment and Response report



DIGBY WELLS
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UMCEBO MINING (PTY) LTD
ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED
HENDRINA UNDERGROUND COAL MINE, MPUMALANGA

SAMRAD Reference Number: *MP 30/5/1/2/2/10129 MR*

Comment and Response Report

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
William Nyoni Department of Rural Development and Land Reform	Written Comments	18-Apr-16	There are emerging farmers who have been leasing the affected properties. These lessees are primarily using the properties for maize production, cash crop production, natural grazing and grazing pastures for their livestock.	Thank you for the comment, it is noted and has been considered as part of the Social Impact Assessment that has been compiled during the EIA phase. The emerging farmers referred to will not be directly impact by mining infrastructure. As the mine is an underground mine it will not have a direct impact to the farming activities located within the mining right area. It is not anticipated that dust or noise will have a significant impact to the farmers. Additionally if the boreholes are located in the shallow aquifer it is not anticipated that the yield of the boreholes will be affected. However if a boreholes becomes dry, a grievance mechanism has been put in place which will compensate the farmers if it was caused by mining activities.	Agriculture

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
William Nyoni Department of Rural Development and Land Reform	Written Comments	18-Apr-16	Please also note that there are occupiers who are occupying these properties. Thus the Department would appreciate it if a session with the lessees and the occupiers can be arranged wherein the proposed mining operations would be clearly explained to them for their understanding going forward as these people will be directly affected by the proposed mining operation.	Thank you for the comment. As part of the Stakeholder Engagement Process, stakeholders are invited to attend meetings where the project is presented and stakeholders are provided with an opportunity to raise concerns regarding the project. During the Scoping Phase a public meeting was held on 5 May 2016 where all stakeholders including landowners and occupiers were invited to attend. A few directly affected occupiers did attend this public meeting. An additional public meeting was held during the Environmental Impact Assessment (EIA) Phase. (Refer to Section 9 of the EIA Report for feedback on the stakeholder engagement process during the Scoping Phase and EIA phase).	Public Participation
William Nyoni Department of Rural Development and Land Reform	Written Comments	18-Apr-16	Should you wish to gain access to the above mentioned properties, please inform the Department well in advance so same can be conveyed to the lessees well in advance to avoid any inconvenience and unnecessary conflicts.	Thank you for the understanding, Digby Wells will ensure that advanced notice is provided to ensure that there is no inconvenience caused.	Environmental Impact Assessment

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Hermanus Prinsloo Landowner	Written Comments	20-Apr-16	As my farm is only a small portion with mining activities on at least two sides, the farm will be swallowed by noise, dust and other nuisances. This will have a negative impact on my property.	As part of the EIA process, a Noise and Air Quality Impact Assessment as well as other specialist studies (i.e. Groundwater, Surface Water and Social to name a few) have been undertaken to determine the potential impacts on surrounding landowners and land occupiers. During the Scoping Phase a baseline investigation was undertaken to understand the current environment. It is expected that the main impacts specifically noise and dust will be associated with the construction and operational phase. It is noted that air quality will be impacted upon by mining activities, however should the proposed mitigation measures be undertaken the impact is considered to be negligible specifically referring to where your farm is located. A monitoring programme has also been compiled which will monitor the dust levels around the mine during the construction, operational and decommissioning phase. The noise levels are considered to be high during the construction phase 45 dBA and 65 dBA however will decreased during operational phase. It is anticipated that the noise levels will be 45 dBa during the operational phase. Should the noise or dust levels exceed recommended standards additional measures will have to be implemented to reduce these levels. (<i>Refer to Part A Section 10,11 and Part B 5, 6, 7 and 9 of the EIA Report</i>).	Environmental Impact Assessment
Hermanus Prinsloo Landowner	Written Comments	20-Apr-16	It will be impossible to farm with activities of this extent all around your property. We produce maize, soya and cattle. Do not mine here.	Your comment is noted.	Need and Desirability for the Project

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Hermanus Prinsloo Landowner	Written Comments	20-Apr-16	Various wetlands will be impacted.	<p>Your comment is noted. As part of the EIA process, a Wetland Impact Assessment has been undertaken. During the Scoping Phase, a baseline investigation was completed to understand the current environment and wetlands on the proposed project site. It is noted that there are several pans and the Klein Olifants River with various tributaries that traverse the proposed project site. The Wetland Assessment has delineated all identified wetlands that will be potentially impacted and has undertaken an in-depth investigation into what the impact will be on the wetlands. The wetland study indicated that wetlands would be impacted by the mine. The wetlands within the area where identified to be NFEPA wetlands however these wetland will not be directly impacted. The impact to the wetland was originally noted to be moderate but have since been reduced as the infrastructure has been relocated outside of the wetlands and buffer zones except for certain infrastructure which was unable to be relocated. Mitigation measures have also been proposed to reduce the impact on wetlands. The only impact that remains a significant impact relates to potential decant of water post closure (Refer to Part A Section 10,11 and Part B 5, 6, 7 and 9 of the EIA Report).</p>	Wetlands / Biodiversity

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Elsabé Engels Smit & Van Wyk Attorneys	Written Comments	20-Apr-16	All the clients I represent are farmers; the concern is largely effect on the farming in the long term especially the water supply.	Thank you for the comment. Surface Water and Groundwater Impact Assessments have been undertaken as part of the EIA process. During the Scoping Phase a baseline investigation was undertaken to understand the current environment and identify potential impacts that may affect the water environment. In particular, a hydrocensus was undertaken for boreholes on and around the proposed project site to determine the existing borehole yields. The water requirements at the mine show that a total of 2 000 m3/day is required to operate the three mining areas. This water will be obtained from groundwater from the underground mine. It is noted that a total of 1 000 m3/day will still be required by the mine. This water will have to be sourced from other catchments. It must be noted that the water will be continuously reused and recycled and therefore these values are based on a conservative approach. It is recommended that the water balance be updated should mining commence (Refer to Section 11.2, 11.3, Appendix 5 and Appendix 6 of the EIA Report).	Environmental Impacts
Elaine Thirion Bekker Brink & Brink Inc	Written Comments	22-Apr-16	Our clients however request that the proposed shaft on their properties be moved slightly so that it will only be situated on one of the properties and not on both. Our client therefor request that the proposed shaft only be placed on the farm Orange Valleï and not on both Orange Valleï and Tweefontein.	Digby Wells has forwarded this request to the Umcebo project team, who has confirmed that the infrastructure layout will be amended, as per the request. During the scoping phase, alternatives are investigated to ensure that the potential impacts to the environment are minimised and that stakeholder comments are considered when finalising the project infrastructure layout. The proposed final layout of the infrastructure is provided in the EIA report. (Refer to Section 9.1 and 14.1.1 of the	Environmental Impacts

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				<i>Scoping Report)</i>	
Elaine Thirion Bekker Brink & Brink Inc	Written Comments	22-Apr-16	Our clients are willing to participate as interested and affected parties.	Thank you for the comment, it is noted. You have been added to the database.	Public Participation
Ansie Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	What are the potential impacts we can expect from the project?	There are several potential impacts that have been identified during the scoping phase including impacts to water quality and quantity, deterioration of air quality, increase in noise levels, loss of vegetation and disturbance to fauna as well as socio-economic impacts associated with employment and procurement of services. During the EIA phase these impacts were verified by the various specialist studies and assessed. The negative impacts identified included the loss of utilisable soil, generation of gaseous emissions, loss of grassland, deterioration of the wetland and aquatic environment and a visual impact due to the change in land use and generation of dust. Although it is expected that there will be significant negative impacts as a result of the project it is also expected that the proposed project will contribute to job creation and local economic development (Refer to Section 11 and the various specialist studies of the EIA Report).	Environmental Impact Assessment

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Jannie Davel Landowner	Landowners Focus Group Meeting	05-May-16	How can the amount of coal that is available be anticipated, since limited drilling was done on the Mooivlei Farm? How many holes were drilled as part of the exploration and what is the seam thickness where the coal is located?	During prospecting drilling, all areas were considered however due to the limited drilling undertaken, estimations for the reserve data were collected and used to understand the larger area. A total of 182 boreholes were drilled in the Mooivley Prospecting Rights areas (PR1265) and 36 boreholes inside the Hendrina Prospecting Rights area (PR1266). The coal deposit is situated within the Karoo Sequence and varies between 32 to 128 meters (m) below ground level (mbgl) (Refer to Section 5.2.2 of the EIA Report).	Project Specific
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	What is the minimum height of the underground mining machinery (i.e. continuous miner)	The machinery height will be determined by the seam height. Typical low-seam equipment continuous miners cut between 1.35 and 2.5m, but some equipment can mine even lower than that. For seams that are thicker, another set of section equipment will be chosen that typically mines between 2.1 and 4.6m.	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	How will the mining be undertaken underground without damaging the Klein Olifants river?	During the EIA phase a groundwater, surface water, wetland and aquatic impact assessment was undertaken to assess the impact underground mining will have on the Klein Olifants River and its associated tributaries. Through the wetland and floodline delineation it was determined that underground mining of the Klein Olifants River; wetlands and associated buffer zones could potentially impact these water systems if subsidence takes place, especially in shallower areas. However it is recommended that a geotechnical investigation be undertaken and all high risk areas for subsidence that coincide with wetlands and their buffers, particularly channeled valley bottom wetlands linked to the Klein Olifants River, should potentially be excluded from the mine plan if design factors cannot address the high risks. The safety factor for underground mining should be determined by the geotechnical specialist for all remaining areas (Section 11 and 14 of the EIA Report).	Project Specific
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	If it rains, the groundwater volume will increase and also impact the flow of the river. With the flow of this water into the underground cavities, the land capability will be negatively impacted.	Only areas that are cleared for infrastructure purposes will result in the loss of land capability. As part of these infrastructure areas, stormwater management structures will be established to control clean and dirty water around the site. Clean water that is not impact by the mine will be directed back to the Klein Olifants and associated tributaries while dirty water will be directed into PCDs which will be reused within the mining operation. All water that enters the underground mine as a result of rainfall will be pumped out into the PCDs (Section 5.2.5.3 and Appendix 5 of the EIA Report).	Water

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
J.P Stoltz Landowner	Landowners Focus Group Meeting	05-May-16	Specialist studies will be done, but who will be held responsible for impacts like road deterioration, loss of groundwater (boreholes) as well as cracking of infrastructure?	Umcebo will be required to develop and implement a grievance mechanism where I&APs can register complaints and claim damages to boreholes, road deterioration and infrastructure. A procedure will be developed to deal with these claims.	Environmental Impacts
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	Will there be a baseline blasting survey undertaken for the affected households? Will the baseline be available to stakeholders?	A Blasting and Vibration Specialist Study was undertaken as part of the EIA process. It should be noted that there will be limited surface blasting during the development of the shafts during construction and limited underground blasting other than when a geological anomaly is encountered, such as a dyke. During such instances, the DMR will be notified if there are structures located within the blasting radius and the necessary communication with the landowners and land-users will also be done. A blasting impact assessment was compiled and attached as Appendix 16 and is available for public review along with this EIA report. The original report was considered a worst case scenario for the influences evaluated. However the possible impact from drilling and blasting operations had to be reviewed due to a change in development of the decline shafts. The first 5 to 10 blasts are expected still to have some effect from sound, ground vibration, and air blast within the immediate vicinity of the shaft but will start subsiding thereafter. Further assessment was not required (Refer to Section 11.13. and Appendix 16 of the EIA Report).	Blasting
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	When will the studies be done for the project?	Specialist studies have been finalized. These specialist studies were available for public review with the EIA report for a period of 30 days from the 17 March 2017 to 19	Environmental Impact Assessment

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				April 2017.	
Ansie Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	The land will be left in ruins and we won't be able to use it for agricultural activities. By that time we will not be able to get hold of the people responsible for the project.	In accordance with Section 41 (1) of the MPRDA has been repealed and in terms of Section 24P in the NEMA as amended, which provides that the holder of a mining right must make financial provision for rehabilitation of negative environmental impacts. Therefore it is Umcebo's responsibility to ensure all rehabilitation and closure costs are updated on an annual basis and provided for in terms of the new Financial Provisioning Requirements. This ensures that sufficient funding is retained so that effective rehabilitation is implemented once the LoM is reached. A rehabilitation and closure assessment has been included as part of the EIA process and has been made available for stakeholder comment (Refer to Section 24 in Part A and Section 8 in Part B and Appendix 17 of the EIA Report).	Environmental Impacts
Ansie Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	They promise that they won't do any drilling, but they don't stick to these promises. Can the landowners say no?	Yes the landowners can object to the proposed project. The EIA process currently being undertaken for this project gives stakeholders the opportunity to object and raise comments or issues of concern during the stakeholder engagement process. These comments are captured in a CRR and submitted to the DMR alongside the EIA report for consideration and final decision making. (Refer to Section 9 of the EIA Report).	Environmental Impact Assessment

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Marnus Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	There are multiple mines in the area, all having different approaches and process timelines. We are never certain about what is happening and how to evaluate what the impact will be for these.	During the EIA phase, the cumulative impacts of current and proposed project operations have been assessed by each specialist. A number of mines, industrial activities, agricultural communities and towns have been considered when assessing these impacts. (Refer to Section 11.15 of this EIA report). In terms of the timeframes, Digby Wells will ensure stakeholders are kept informed of the process for the duration of the project.	Environmental Impact Assessment
Marnus Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	How will water be supplied - will it be piped or by means of boreholes?	It is currently proposed that water will be obtained via dams and boreholes on site. The best suited option will be evaluated as part of the Water Use License Application (WULA) which will take into consideration all specialist studies including the Surface Water and Groundwater Studies. (Refer to Section 5.2.7 and 14 in the Scoping report).	Water

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Marnus Prinsloo Landowner	Ansie Coetzee Landowner	05-May-16	We have an old house - if blasting takes place it will be impacted.	<p>A Blasting and Vibration Specialist Study was undertaken as part of the EIA process. It should be noted that there will be limited surface blasting during the development of the shafts during construction and limited underground blasting other than when a geological anomaly is encountered, such as a dyke. During such instances, the DMR will be notified if there are structures located within the blasting radius and the necessary communication with the landowners and land-users will also be done. A blasting impact assessment was compiled and attached as Appendix 16 and is available for public review along with this EIA report. The original report was considered a worst case scenario for the influences evaluated.</p> <p>However the possible impact from drilling and blasting operations had to be reviewed due to a change in development of the decline shafts. The first five to 10 blasts are expected still to have some effect from sound, ground vibration, and air blast within the immediate vicinity of the shaft but will start subsiding thereafter. Further assessment was not required (Refer to Section 11.3. and Appendix 16 of the EIA Report).</p>	Blasting

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Johan Saaiman Landowner	Landowners Focus Group Meeting	05-May-16	Unwanted activities will take place as a result of the mine, such as fires, damage to structures (e.g. fencing) and unsafe conditions such as theft. How will this be managed?	The EMP which has been compiled contains management and control measures for potential risks, as mentioned. These include barbed wire galvanised steel fencing around the site and access control mechanisms. Emergency procedures have also been developed to address situation such as fires. Umcebo being a subsidiary of Glencore Operations South Africa (Pty) Ltd will also adhere to the company's security and safety procedures and protocols (Refer to Section 5.2.5.8 in Part A and 4.2 in Part B of the EIA Report).	General
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	Further prospecting borehole drilling to be done - how far will it be done from wetlands and rivers?	The buffer zone currently proposed is 100 m away from rivers and/or wetlands.	Wetlands / Biodiversity
Christo Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	Has the mine been approved yet and what are the steps required?	The project has not yet been approved. The Final Scoping Report was submitted to the DMR on 27 May 2016. The DMR reviewed the report and accept the scoping report on 2 November 2016. Specialist studies were undertaken and the EIA / EMP has been compiled and placed on public review. It is anticipated that the EIA report will be submitted to the DMR on 26 April 2017.	Environmental Impact Assessment

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Christo Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	We do not want mining at all. Our concerns are that plans for our own development and progression are impacted since the mines don't stick to their commitments. Responsible rehabilitation isn't done and the land will be unusable.	Your objection is noted. The holder of a mining right must make financial provision for rehabilitation of negative environmental impacts. Therefore it is Umcebo's responsibility to ensure all rehabilitation and closure costs are updated on an annual basis and provided for in terms of the new Financial Provisioning Regulations. This ensures that sufficient funding is retained so that effective rehabilitation is implemented once the Life of Mine (LoM) is reached. A rehabilitation and closure assessment has been included as part of the EIA report and has been made available for stakeholder comment (Refer to Section 24 in Part A and 8 in Part B and Appendix 17 of the EIA Report).	Rehabilitation and Closure
Christo Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	In 2007 prospecting was done by other mines close to existing boreholes I own. Since then the borehole's yield has decreased and it was eventually proven that the decrease was caused by the prospecting activities.	Thank you for the comment. A Surface Water and Groundwater Impact Assessment have been undertaken as part of the EIA process. During the Scoping Phase a baseline investigation was undertaken to understand the current environment and identify potential impacts that may affect the water environment. In particular, a hydrocensus was undertaken for boreholes on and around the proposed project site to determine the existing borehole yields. The results of the yields of these boreholes will be utilised as a baseline to understand if changes in the yields vary as a result of the proposed mining activities. A monitoring project has been developed to ensure regular monitoring of these borehole yields occur, mitigation measures will be required should changes in borehole yields be detected. Additionally a grievance mechanism will be developed to address	Water

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				any possible issues that may arise. (Refer to Section 11.2, 11.3 in Part A, and Section 9 in Part B, Appendix 5 and Appendix 6 of the EIA Report).	
Christo Coetzee Landowner	Landowners Focus Group Meeting	05-May-16	Currently I can easily leave a harvester in the mealie fields without any concern of theft, but with the project it is possible that my machinery, and that of the mine, will be stolen.	Your comment regarding theft is noted. Measures to mitigate risks associated with theft can be identified between Umcebo and the surrounding landowners and land-users.	Health and Safety
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	What type of fencing will be used for the mine?	Security fencing will be barbed wire galvanised steel which will be utilised to restrict access to the mining area (refer to Section 5.2.5.8).	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Tielman Landowner	Landowners Focus Group Meeting	05-May-16	Boreholes from other areas i.e., close to Kendal don't provide groundwater anymore due to mining activity.	Thank you for the comment. A Surface Water and Groundwater Impact Assessment have been undertaken as part of the EIA process. During the Scoping Phase a baseline investigation was undertaken to understand the current environment and identify potential impacts that may affect the water environment. In particular, a hydrocensus was undertaken for boreholes on and around the proposed project site to determine the existing borehole yields. The results of the yields of these boreholes will be utilised as a baseline to understand if changes in the yields vary as a result of the proposed mining activities. A monitoring project has been developed to ensure regular monitoring of these borehole yields occur, mitigation measures will be required should changes in borehole yields be detected (Refer to Section 11.2, 11.3 in Part A, Section 9 in Part B, Appendix 5 and Appendix 6 of the EIA Report).	Water - Ground
Tielman Landowner	Landowners Focus Group Meeting	05-May-16	The commitments made by the Umcebo - should they be taken over by another mining group, will the commitments also be taken over or will it dissolve?	Yes, legally all the responsibilities will be carried over to the new mine owner, which will be done by means of a Section 11 Cession of Rights under the MPRDA.	General
J.P Stoltz Landowner	Landowners Focus Group Meeting	05-May-16	There should be some indication of the direction of mining that will take place. There should be an indication of the placement of rescue chambers.	A mine infrastructure plan (Plan 24 in Appendix 3) has been developed which provides an understanding of the location of all surface infrastructure proposed. Plan 25 in Appendix 3 provides a Life of Mine plan which indicates which areas will be mine over the 36 years.	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	Because of mining there will be a loss of meales as a result of deteriorating land capability and availability of water. Agricultural business is very expensive as is and it will be better to just buy out the farmers.	Your comment is noted. Further discussions will need to be held between landowners and Umcebo Mining regarding compensation should the project be approved. Underground mine as the chosen mining method will result in minimal disturbance in relation to open pit mines. A soil, land use and land capability specialist study has been undertaken to assess the impact the mine will have on the land capability. The impacts varied between moderate during construction phase and minor during operational and decommissioning however with the mitigation measures that are provided these impacts were reduced to a negligible impact. Therefore it can be concluded that the impact on the soil, land use and land capability environment is not considered significant as long as the management measures are rigorously adhered to for both the Shaft Complex areas as well as the proposed conveyancing servitude, while more detailed site placement of the conveyer plinths is considered necessary based on the wetland delineation and a more detailed assessment of the wet base soils as part of the pre-construction planning (Refer to Section 10 and Appendix 4 in the EIA Report).	Agriculture

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	Should mining occur and if borehole water depletes as a result of mining, how will water be provided to us and of what quality?	Thank you for the comment. A Surface Water and Groundwater Impact Assessment have been undertaken as part of the EIA process. During the Scoping Phase a baseline investigation was undertaken to understand the current environment and identify potential impacts that may affect the water environment. In particular, a hydrocensus was undertaken for boreholes on and around the proposed project site to determine the existing borehole yields. The water requirements at the mine show that a total of 2 000 m ³ /day is required to operate the three mining areas. This water will be obtained from underground water from the underground mine. It is noted that a total of 1 000 m ³ /day will still be required by the mine. This water will have to be sourced from other catchments. It must be noted that the water will be continuously reused and recycled and therefore these values are based on a conservative approach. It is	Water

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Manie Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	How will water be supplied, will it be piped or borehole?	recommended that the water balance be updated should mining commence (Refer to Section 11.2, 11.3, Appendix 5 and Appendix 6 of the EIA Report).	Water

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Marnus Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	How will dust impact the environment, and specifically the crops, since it is located right next to the conveyer belt where loading will take place?	An Air Quality Specialist Study has been undertaken as part of the project. In particular, an emissions inventory has been developed to understand the sources of dust (i.e. stockpiles, access roads, crushing and screening plant). The potential impact from dust has been predicted through impact modelling. The predictive model indicates the extent of the dust generation impact. All impacts have been rated to determine the severity. The study showed that the impact associated with the generation of dust resulting in a minor impact during the construction and decommissioning phase however with mitigation measures implemented this impact was reduced to a negligible impact. During the operational phase the dust generated as a result of stockpiling resulted in a moderate impact however with mitigation measures the impact was reduced to a negligible impact (Refer to Section 11.4 and Appendix 7 of the EIA Report).	Air Quality
James Lloyd Landowner	Landowners Focus Group Meeting	05-May-16	What distance from the mine will boreholes be impacted on by mine dewatering?	A groundwater model has been developed to understand the cone of depression (i.e. at what distance and depth boreholes will be affected by mine dewatering. Plan 20 and 21 in Appendix 3 provides an illustration of which boreholes may be impacted upon by the proposed project. (Refer to Appendix 6 of the EIA Report). It is predicted that the cone of depression will remain within the mining right boundary and does not extend past this area.	Water - Ground

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
James Lloyd Landowner	Landowners Focus Group Meeting	05-May-16	I am leasing the farm from the Government, what will the compensation be?	This will only happen if the property needs to be purchased. Normal activities can still proceed on the surface, whilst underground mining occurs. Further discussions will need to be held between landowners and Umcebo Mining regarding compensation.	Land Value / Use and Ownership
James Lloyd Landowner	Landowners Focus Group Meeting	05-May-16	What is the purpose of the EIA?	The purpose of an EIA is to identify and assess the potential impacts of the project and to determine the mitigation measures required to avoid or reduce the significance of the impacts assessed. The EIA process also allows stakeholders to become involved and submit comments or request specific information. An independent Environmental Assessment Practitioner must be appointed as per the EIA Regulations to undertake the EIA and associated specialist studies.	Environmental Impact Assessment
Alpheus Pretorius Landowner	Landowners Focus Group Meeting	05-May-16	Will the soil analysis be correctly done? Umcebo might need to spend more money if the soil potential is lost.	Underground mine as the chosen mining method will result in minimal disturbance in relation to open pit mines. A soil, land use and land capability specialist study has been undertaken to assess the impact the mine will have on the land capability. The impacts varied between moderate during construction phase and minor during operational and decommissioning however with the mitigation measures that are provided these impacts were reduced to a negligible impact. Therefore it can be concluded that the impact on the soil, land use and land capability environment is not considered significant as long as the management measures are rigorously adhered to for both the Shaft Complex areas as well as the proposed conveyancing servitude, while more detailed site placement of the conveyer plinths is considered necessary based on the wetland delineation and a more detailed assessment	Soil

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				of the wet base soils as part of the pre-construction planning (Refer to Section 0 and Appendix 4 in the EIA Report).	
Jannie Davel Landowner	Landowners Focus Group Meeting	05-May-16	Should the petrol price increase, will you use a powerline instead of a generator onsite?	Umcebo will investigate if sufficient power will be generated through the use of generators. It is unlikely that powerlines will be installed to obtain power for the project (Refer to Section 5.2.5.5 of the EIA Report). Should power be required, the necessary applications will be lodged to obtain approvals.	Project Specific
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	Where will the waste be stored?	It is expected that minimal general and hazardous waste will be generated as part of the project. A designated waste storage area with waste skips will be developed and managed as per the Waste Regulations. Waste will be removed and transported to a registered waste disposal site by a registered waste handler (Refer to section 5.2.5.4 in the EIA Report).	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Vincent Shulze Landowner	Landowners Focus Group Meeting	05-May-16	A major concern is that, should mining happen, the water will be affected and we are very reliant on borehole water for our livelihood. On average, what is the impact on borehole water (quality and quantity) from such a project?	<p>A groundwater model has been developed to understand the cone of depression (i.e. at what distance and depth boreholes will be affected by mine dewatering). Plan 20 and 21 in Appendix 3 provides an illustration of which boreholes may be impacted upon by the proposed project. The boreholes that may be impacted upon are located within the mining right area (Refer to Appendix 6 of the EIA Report).</p> <p>The study concluded that the water table will drop as a result of dewatering of the underground mining area. However the boreholes located in the upper aquifer will not be impacted by the underground mine. Mining is likely to alter the natural geochemistry by exposing the sulfides for oxygenation. This could result in sulfate contamination as observed in the coal mines in the region, where the concentration could reach up to 2500 mg/L.</p> <p>Mitigation measures have been proposed which ensure that the groundwater will not be contaminated by the mine. Additionally should boreholes become dry as a result of the mine dewatering, compensation from the mine will need to be investigated where the mine will have to provide water to the farmers. A monitoring programme has also been proposed where the boreholes will continue to be tested to ensure the mine does not impact the groundwater.</p>	Water - Ground
Jannie Davel Landowner	Landowners Focus Group Meeting	05-May-16	Will mining occur underneath the N11 highway on the western side?	During the Scoping Phase it was proposed that the N11 will be undermined however the infrastructure layout and mining area has been moved 100 m away from the N11 at Mooivley East to avoid undermining of	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				this national route.	
Jannie Davel Landowner	Landowners Focus Group Meeting	05-May-16	I disagree with the current location of the shaft on my farm since it is located on a pan and needs to be moved.	Various specialist studies have been undertaken to identify areas of sensitivity based on these sensitivities infrastructure have been repositioned in an effort to avoid these no go areas. Where infrastructure could not be repositioned mitigation measures have been proposed to reduce the potential impact. More specifically the shaft proposed to be located on your farm has been shifted out of the wetland and its associated buffer however the ventilation shaft is still located within the wetland buffer. The shaft has not been relocated off your property (Refer to Section 8 Part A and Section 5, 6 and 7 Part B of the EIA Report).	Project Specific
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	As part of the application undermining will occur at the N11 and river. If the application is rejected, will the resource be left?	An application was submitted on 14 April 2016, and subsequently accepted by the DMR. It is now required that a scoping and EIA phase be undertaken to assess the impacts of the project and provide the DMR with sufficient information to make a decision. A WULA and IWWMP will also be submitted to the DWS for final decision. This decision can either be positive or negative from the DMR and DWS. Should a rejection of the project be received from the DMR or DWS, no mining activities will be allowed to take place by Umcebo.	Project Specific
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	Will the various seams on different levels be mined or only at one level?	There are four (A, B, C and D) coal seams, but only B seam will be mined. (Refer to Section 5.2.2 of the EIA Report).	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Marnus Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	The conveyer belt is running through mealie fields and a wetland. Will there be proper access management and what is the servitude for the conveyer belt?	During the EIA phase the impact the conveyer belt would have on the environment was assessed by various specialist studies specifically air quality, wetlands, aquatics and visual. These studies identified areas of high sensitivity and no go areas. The relocation of the conveyer belt reduces the impact through the avoidance of a stream and wetland. The final infrastructure layout is provided in Plan 24 in Appendix 3). The conveyer belt will be accessed via a service road and security fencing will be placed alongside to prevent unauthorised access.	Project Specific
Marnus Prinsloo Landowner	Landowners Focus Group Meeting	05-May-16	How will the mine affect the grazing fields for cattle and sheep?	Underground mine as the chosen mining method will result in minimal disturbance in relation to open pit mines. A soil, land use and land capability specialist study has been undertaken to assess the impact the mine will have on the land capability. The impacts varied between moderate during construction phase and minor during operational and decommissioning however with the mitigation measures that are provided these impacts were reduced to a negligible impact. Therefore it can be concluded that the impact on the soil, land use and land capability environment is not considered significant as long as the management measures are rigorously adhered to for both the Shaft Complex areas as well as the proposed conveyancing servitude, while more detailed site placement of the conveyer plinths is considered necessary based on the wetland delineation and a more detailed assessment of the wet base soils as part of the pre-construction planning (Refer to Section 0 and Appendix 4 in the EIA Report).	Agriculture

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Gert Davel Landowner	Landowners Focus Group Meeting	05-May-16	Will the Klein Olifants River be dammed?	The Klein Olifants River will not be dammed.	Water - Surface
Tielman Landowner	Landowners Focus Group Meeting	05-May-16	Will the underground pillars put in place during the mining operations be affected? Will it be able to support the surface?	Yes, the pillars will be engineered and established to uphold the surface. This will be done according to the stipulated legislated requirements for safety.	Project Specific
Kobus van Wyk Smit & Van Wyk Attorneys	Public Meeting	05-May-16	Will the air quality modelling be undertaken to determine the impacts on all the areas proposed for mining? What are the timeframes for these studies to be completed?	An Air Quality Specialist Study has been undertaken as part of the project. In particular, an emissions inventory has been developed to understand the sources of dust (i.e. stockpiles, access roads, crushing and screening plant). The potential impact from dust has been predicted through impact modelling. The predictive model indicates the extent of the dust generation impact. All impacts have been rated to determine the severity. The study showed that the impact associated with the generation of dust resulting in a minor impact during the construction and decommissioning phase however with mitigation measures implemented this impact was reduced to a negligible impact. During the operational phase the dust generated as a result of stockpiling resulted in a moderate impact however with mitigation measures the impact was reduced to a negligible impact (Refer to Section 11.4 and Appendix 7 of the EIA Report).	Air Quality
Cllr Doctor Khanyile Ward 2 Kwaza	Public Meeting	05-May-16	Where is the project site and when will the project go ahead?	The project is situated on the Davel road approximately 10 – 22 km south east of Hendrina and next to the N11 highway (in the direction of Ermelo). The project may only proceed if the needed regulatory licenses are granted by the relevant competent authorities, which can take between two - five years. (Refer to Section 3 of the EIA report).	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Cllr Doctor Khanyile Ward 2 Kwaza	Public Meeting	05-May-16	What will the benefits be to communities?	A Social and Labour Plan (SLP) has been developed as part of the Mining Right Application. Potential benefits to communities include direct and indirect employment, skills development, local enterprise development through procurement and possible infrastructure development. A Social Specialist Study has been undertaken to assess the benefits of the project which specifically relates to job creation and economic development in the local markets. (Refer to Section 11.9 of the EIA Report).	Socio-economic
Cllr Doctor Khanyile Ward 2 Kwaza	Public Meeting	05-May-16	How will coal be transported?	Coal will be transported from Hendrina South to Mooivley West via conveyer belt. The coal will then be crushed and screened. The final Coal product will be transported via haul trucks on the existing road network.	Roads and Transport
Cllr Doctor Khanyile Ward 2 Kwaza	Public Meeting	05-May-16	When did exploration occur?	Prospecting was undertaken in 2009.	Project Specific
Ockert Steyn Landowner	Public Meeting	05-May-16	Even if I do ask a question, Digby Wells will not provide an answer but only indicate "noted" in the Comment and Response Report.	Responses to comments are provided in this Comment and Responses Report which provides a response based on the information that is currently available. Further studies have been completed to provide more detailed responses and have been included in this report.	Public Participation
K R Eales Landowner	Public Meeting	05-May-16	How many coal seams are located underground?	There are two upper and two lower coal seams (Refer to Section 5.2.2 of the EIA Report).	Project Specific
K R Eales Landowner	Public Meeting	05-May-16	Which coal seams will be targeted for mining?	Coal seam B will be targeted for underground mining. (Refer to Section 5.2.2 of the EIA Report).	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
K R Eales Landowner	Public Meeting	05-May-16	What is the quality of coal to be mined?	The quality of coal makes it suitable for use in the domestic thermal market (Eskom). (Refer to Section 5.2.1 of the EIA Report).	Project Specific
K R Eales Landowner	Public Meeting	05-May-16	Was project advertised in the local newspaper because I saw a poster at a local Police Station?	Yes, the project was announced in the Middelburg Observer in addition to erecting site notices in the project area (Refer to Appendix C3 of the EIA Report).	Public Participation
Dereen Sithole Department of Agriculture Forestry and Fisheries	Written Comments	01-Jun-16	The Department of Agriculture Forestry and Fisheries does not have any comment at the stage. Comments will be made on the EMP Report	Your comment is noted.	General

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Mr M Montsha Department of Mineral Resources	Written Comments	02-Nov-17	<p>It should be noted that the Department requires the following to be undertaken and form part of the final EIR and EMPR to be submitted.</p> <p>A) A map at an appropriate scale which superimposes the proposed activity and its associated infrastructure on the environmental sensitivities of the preferred site indicating any areas that should be avoided, including buffers;</p> <p>B) Details of financial provisions for the rehabilitation, closure and ongoing post decommissioning management of negative environmental impacts;</p> <p>C) Feasible and reasonable alternatives based on the different types / categories of alternatives must be identified and assessed, so that the Department can be able to make an informed decision;</p> <p>D) Public Participation Process must be transparent an all comments received during the process must be incorporated into the comments and response report of the final Environmental Impact Report;</p> <p>E) Proof of correspondence with the various stakeholders must be included in the EIAR. Should you be unable to obtain comments, proof of the attempts that were made to obtain comments should be submitted to the Department;</p> <p>F) All comments from interested and affected parties must be adequately addressed in the final Environmental Impact Report;</p> <p>G) For linear activities such as roads and pipelines, a description of the co-ordinates of the corridor in which the proposed activities are to be</p>	<p>The issues that have been raised by the DMR have been addressed in the following Sections as discussed below:</p> <p>A) A sensitivity map has been compiled and included in Appendix 3 Plan 7;</p> <p>B) The financial provision and closure report has been discussed in Section 24, 8 and Appendix 17. The mitigation measures for the decommissioning phase has been included in Section 11;</p> <p>C) Feasible and reasonable alternative have been investigated and discussed in Section 8;</p> <p>D) A public participation process has been completed in a transparent manner. It has been documented in detail in Section 9 and Appendix 2;</p> <p>E) All comments have been captured in the CRR (Appendix 2) and Section 9;</p> <p>F) All comments have been adequately addressed in the CRR (Appendix 2) and Section 9;</p> <p>G) The roads proposed to be constructed will be located within the mining right area. All linear activities have been assessed and discussed in Section 11;</p> <p>H) The EIA and EMPR have been compiled in accordance with the DMR format and Appendix 3 (3) and Appendix 4 (1) of the EIA Regulation 2014</p>	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
			<p>undertaken. The impacts of these linear activities must be thoroughly assessed; H) Any other matters required in terms of Appendix 3 (3) and Appendix 4 (1) of the EIA Regulation 2014.</p> <p>The applicant is hereby reminded to comply with the requirements of regulation 3 of the EIA regulations, 2014 with regards to the time and period allowed for complying with the requirements of the regulations.</p>		

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Mr M Montsha Department of Mineral Resources	Written Comments	02-Nov-17	<p>Please ensure that the EIAR includes the A3 size locality maps of the area and illustrates the exact location of the proposed development. The maps must be of acceptable quality and as a minimum, having the following attributes:</p> <ul style="list-style-type: none"> ■ Maps are related to one another; ■ Co-ordinates; ■ Legible legends; ■ Indicate alternative; ■ Scale; and ■ Vegetation types of the study area. <p>Your attention is drawn to Section 24F of the NEMA which stipulates “that no activity may commence prior to an environmental authorisation being granted by the component authority.</p>	The final locality map has been included in Appendix 3 Plan 24	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Frans Krige	MTPA	15-Apr-16	<p>Please register MTPA as a IAP and forward the hardcopies of the application to Komilla Narasoo for registration.</p> <p>Kind Regards Frans Krige LUA Scientist MTPA Send to: Komilla Narasoo</p> <p>MTPA N4 Halls Gateway Mataffin Nelspruit 1200</p> <p>Attention :Komilla Narasoo Block G Room G28</p>	Your comment is noted. MTPA was registered as an I&AP and has been included on the database. Additionally a CD was submitted to the department for comment on the EIA report on 16 March 2017.	Registration
Cheppy Masina	Kwazamokuhle Community Forum	08-Jun-16	<p>I'm Cheppy Masina from Hendrina Kwazamokuhle.</p> <p>I am the Chairperson of Kwazamokuhle Community Forum, which deals mainly with recruitment of local people for employment and business opportunities including skilling of local people. I'm glad to know of your proposal for Mining in Hendrina. We wish to work and establish relationship with you on behalf of the community and ensure all issues related to public participation are properly attended to.</p> <p>Cheppy Masina Kwazamokuhle Community Forum</p>	Your comment is noted. You have been registered on the I&AP database and will receive notifications with regards to the progress of the project.	

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
			Chairperson 0799530208		
Mr Vincent Schulze	Landowner Meeting	29-Mar-17	Concern with regards to the impact that mining could have on his boreholes and availability of groundwater. There are no dams on the property and he is therefore dependent on groundwater for some household use and livestock	The study concluded that the water table will drop as a result of dewatering of the underground mining area. However the boreholes located in the upper aquifer will not be impacted by the underground mine. Mining is likely to alter the natural geochemistry by exposing the sulfides for oxygenation. This could result in sulfate contamination as observed in the coal mines in the region, where the concentration could reach up to 2500 mg/L. Mitigation measures have been proposed which ensure that the groundwater will not be contaminated by the mine. Additionally should boreholes become dry as a result of the mine dewatering, compensation from the mine will need to be investigated where the mine will have to provide water to the farmers. A monitoring programme has also been proposed where the boreholes will continue to be tested to ensure the mine does not impact the groundwater.	Groundwater

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Mr Vincent Schulze	Landowner Meeting	29-Mar-17	He stated that the borehole water is not always used for drinking. It has a strong smell; and is blackish (when it is left to stand then residue collects at the bottom)	Should any quality or quantity issues be picked up that is as a result of the mining activity then these issues will have to be raised and possible compensation will have to be negotiated with the mine (i.e. mine supply water or compensation)	Groundwater
Mr Vincent Schulze	Landowner Meeting	29-Mar-17	Question regarding the Davel road that will be diverted on his property - I would prefer for the road to be for private use -The mine representative have met with me before regarding this -I want to be involved in the process going forward	Your comment is noted. The road diversion although mentioned in the EIA report does not form part of the EIA application. It will be dealt with separately and involve the Roads department. The mine will be made aware of the issue raised.	Land Value / Use and Ownership
Mr Vincent Schulze	Landowner Meeting	29-Mar-17	During the prospecting that was undertaken it was communicated that open cast mining was being considered next to the Klein Olifants River. If this is the case what will the impact be on groundwater?	The Hendrina mine will be an underground mine only. The resource is currently located between 32 to 128 metres (m) below ground level. Therefore it is not feasible to conduct open cast mining.	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Albert	Public Meeting	29-Mar-17	How is the mine going to impact the water quality? How is the impact on water quality investigated? Why does the presentation not provide the results on water quality?	<p>The presentation could not present all information included in the EIA Report. The results have been shown in the EIA report which has been placed on public review to give I&APs the opportunity to comment on the report. It can be confirmed that a surface and groundwater specialist study has been undertaken to investigate the impact the mine will have on water quality. During the investigation, samples were taken to understand the baseline environment. These results will be utilised as a baseline to understand whether the water quality is being impacted by the mine. This will be undertaken through monitoring of the surface and groundwater during the construction, operational and decommissioning phases. The results of the samples taken to assess water quality is also presented in the surface and groundwater specialist studies (Refer to Appendix 5 and 6)</p> <p>It was noted that the mine will impact the surface and groundwater quality however through effective mitigation measures this impact has been reduced to a negligible impact.</p>	Water
Albert	Public Meeting	29-Mar-17	Roads will be affected and the private sector will want to run away from this responsibility. The standard of the road will decrease	Your comment is noted. It can be agreed that an increase in coal trucks utilising the road network will result in deterioration of the road network. The upgrade of this road does however fall upon the roads agency. The mine will ensure communication with the road agency is established to ensure maintenance and upgrades of the road occurs. It must be noted that the Mine cannot upgrade or make changes to the roads without consulting the road agency.	Roads and Transport

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Albert	Public Meeting	29-Mar-17	How will the mine ensure that the roads are upgraded or maintained by the government when the road is damaged. The mine must play a role	Your comment is noted. It can be agreed that an increase in coal trucks utilising the road network will result in deterioration of the road network. The upgrade of this road does however fall upon the roads agency. The mine will ensure communication with the road agency is established to ensure maintenance and upgrades of the road occurs. It must be noted that the Mine cannot upgrade or make changes to the roads without consulting the road agency.	Roads and Transport
Sam	Public Meeting	29-Mar-17	I am happy that a Social Impact Assessment was undertaken. The study showed that there will be an increased growth within the local economy. Therefore this will have a positive impact on our businesses. So thumbs up. I understand that the N11 will be upgraded however what about the Central District Business (CBD) roads? Mitigation measures will need to be included to ensure the road is not damaged by the mine this includes the roads being utilised to go through Bethel and Middelburg.	Your comment is noted. A traffic impact assessment has been completed as part of the EIA phase. The study ensured that mitigation measures for the road network has been proposed and will be implemented. It can be confirmed that where the road joins the N11 will be upgraded. All upgrades must comply with the relevant legislation.	Roads and Transport
J.M Mahlangu	Public Meeting	29-Mar-17	Concern is around the safety after closure as we have seen in previous communities where accidents have happen and we want to know what will the mine do in a situation like this	As part of the EIA process a rehabilitation and closure plan has been compiled which has been attached as Appendix 17. The report provides a rehabilitation plan which must be implemented once the mine closes to prevent potential health and safety incidents occurring. The study indicates that the shafts will be backfilled with material from the mine. The shaft will then be sealed with a concrete slab and vegetated to a natural state. The incidents mentioned are related to old abandoned shafts that have not be closed properly.	Social

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
J.M Mahlangu	Public Meeting	29-Mar-17	The concern is around blasting and the affect it has on housing	A Blasting and Vibration Specialist Study was undertaken as part of the EIA process. It should be noted that there will be limited surface blasting during the development of the shafts and limited underground blasting.	Blasting
J.M Mahlangu	Public Meeting	29-Mar-17	How will the community benefit from the mine?	The social and labour plan (SLP) has been compiled. The report includes specific conditions relating to job creation, community projects and training programs which will need to be implemented. This SLP is submitted to the DMR alongside the mining right which must be implemented should the mining right be accepted.	Socio-economic
J.M Mahlangu	Public Meeting	29-Mar-17	This meeting should be done first with me. There has been no verbal communication with me. A prior meeting needs to be done.	Your comment is noted.	Public Participation

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
J.M Mahlangu	Public Meeting	29-Mar-17	It is requested that you do not communicate with the municipality. If information is sent to the municipality the mine will have a problem when it needs to come back to the people. The mayor should not be informed because people in high positions are the only ones who benefit. This is similar to Glencore	Your comment is noted. To obtain a mining right a SLP needs to be undertaken and submitted to the DMR for consideration. This SLP stipulates the labour to be used and programmes to be started to help empower the local communities. These programmes include training and skills development. The SLP currently stipulates that local labour should be given first preference. To compile the SLP, it is legally required that consultation must be undertaken with the municipality first who stipulate what social initiatives should be undertaken. The mining house is required in terms of legislation to inform all affected parties which includes the municipality. In terms of the EIA phase the DMR has 107 days to make a decision on the Authorisation (positive or negative). Should the Authorisation be obtained, capital must be secured before the mine begins construction Once these funds are secured a recruitment process will be initiated which will focus on local labour employment.	Public Participation
J.M Mahlangu	Public Meeting	29-Mar-17	I agree, understand and expect that local labour will be given first preference. Additionally I understand that training and skill development will be provided through the various initiatives proposed by the mine. I also understand that certain skills are required by the mine which may not be available within the local community. I should have been the first one to be consulted, now it looks like I am selling these people and I am not going to support that	Your comment is noted. As we are in the EIA phase, this is the last meeting Digby Wells will have with the community. Therefore it has been communicated to the mining house that should further engagement with the community be required, the community leaders will be the first to be contacted.	Public Participation

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Barry	Public Meeting	29-Mar-17	Will the community benefit? Yes or No	Yes, it can be communicated that the local community will benefit, directly and indirectly from the construction and operation of the mine. During the construction and operational phases, a variety of skills will be required including skilled, semi-skilled and unskilled. Local employment will be given first priority however should specific skills be required that cannot be obtained from the community, these skills will be sourced elsewhere. It must also be noted that not only will the community benefit directly by the mine (labour), indirect benefits will also be created such as increased capital within the community, economic growth and diversification.	Socio-economic
Barry	Public Meeting	29-Mar-17	There are rumours that Eskom is going to close, what will be the benefit for the community? Do not refer us to the government as they are not here	This public meeting is specifically for the proposed Hendrina underground mine. Therefore Digby Wells cannot comment on the closure of Eskom power stations.	Socio-economic
Barry	Public Meeting	29-Mar-17	When will this project start?	The EIA report is currently out for public review for a period of 30 days. It is proposed that the final EIA report is submitted to the DMR on 26 April 2017. The DMR then has 107 days to consider the application and make a decision. Should the authorisation be obtained, capital must still be sourced before the mine considers moving into the construction phase of the project.	Project Specific
Renee Mathibela	Public Meeting	29-Mar-17	There are rumours that Eskom is planning to shut down some of its power stations. The community needs to know about this.	This public meeting is specifically for the proposed Hendrina underground mine. Therefore Digby Wells cannot comment on the closure of Eskom power stations	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Vusi	Public Meeting	29-Mar-17	I would like to follow up on the question raised earlier. The communality is aware that Eskom is closing various power stations in the area. If you are unaware of this information then your information is outdated.	Eskom requires coal and power stations to operate. The power stations that are closing down are considered to be old and no longer able to be maintained. Coal is continuously in demand and therefore new power stations will be constructed to keep up with south Africa power demand.	Project Specific
Vusi	Public Meeting	29-Mar-17	So what will happen with exporting the coal? There are no details on supply chain and procurement.	The quality of coal makes it suitable for use in the domestic thermal market (Eskom) therefore no coal will be exported. The supply chain and procurement for labour will only be completed should the mining right be granted	Project Specific
Vusi	Public Meeting	29-Mar-17	We often find that the system is not in our favour and we are not able to benefit	The SLP has been compiled which is provides an understanding of what the mine is required to do to give back to the community. The report includes specific conditions relating to job creation, community projects and training programs which will need to be implemented. This SLP is submitted to the DMR alongside the mining right which must be implemented should the mining right be accepted.	Project Specific
Vusi	Public Meeting	29-Mar-17	The social responsibility on shares is not clear and associations on how the share responsibility in terms of BBBEE and Social	The SLP has been compiled which is provides an understanding of what the mine is required to do to give back to the community. This SLP is submitted to the DMR alongside the mining right which must be implemented should the mining right be accepted. Should authorisation be received further investigation into this issue will be undertaken during later community liaison.	Socio-economic

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
July Mnguni	Public Meeting	29-Mar-17	The mining right is needed. These people here are all unemployed. People in Hendrina often do not get the jobs as they do not have experience. How will the mine make sure people are trained to obtain the jobs created by the mine?	Your comment is noted. As part of this proposed project, Umcebo has drafted a Social and Labour Plan (SLP) which outlines the Local Economic Development (LED) programmes set for the surrounding community. The main priority of the LED programmes is to improve the educational facilities within the surrounding communities. As part of its LED planning, Umcebo also intends to implement measures to advance procurement from HDSA suppliers and will continually seek to allocate an amount of annual expenditure in services and consumables to suppliers with this status. The commitment to purchasing will also extend to create long term partnerships with suppliers so as to mentor and support local HDSA-owned businesses. Over a five year period, just over R 1.9 million will be spent on Human Resource Development (HRD), and R 500 000 on LED. A total of almost R 2.6 million has been assigned to the execution of the SLP for the first five years of the proposed project.	Public Participation
July Mnguni	Public Meeting	29-Mar-17	The people on the farms should get first preference to job opportunities by the mine. Why did you not call them to come here?	Your comment is noted. The EIA process was undertaken in according with the EIA Regulations 2014. The public participation process was followed which included notifying I&APS through adverts, background information documents as well as site notices. A public meeting was held during both the Scoping and EIA phase to provide information to the community. Additional it can be confirmed that the local community will be given first priority to job opportunities. We rely on the community to assist us in obtaining further details of people that you feel will need to be notified.	Public Participation

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July Mnguni	Public Meeting	29-Mar-17	<p>In Zulu to the public: Let us do it ourselves people because these people are going to give us problems. The councilors who are meant to be here are not here and we do not want them to be here.</p>	Your comment is noted.	Public Participation
Musawenkosi Masina	Public Meeting	29-Mar-17	How will the mine contribute to climate change have mitigation measures been included to prevent the mines contribution to climate change?	The mine may impact climate change through the generation of greenhouse gases from generators and haul trucks at the mine. It will be proposed that catalytic converters are utilised on trucks and generators to reduce the generation of these gases.	
Musawenkosi Masina	Public Meeting	29-Mar-17	The mine will result in pollution of the environment. Therefore, will a clinic or hospital be established to provide support to the community should they become sick from the mine.	It is not anticipated that they mine will contribute negatively to the health of the community as the coal will not be processed to release unwanted emissions. As stated in the SLP In terms of LED: The mine will consult with the Steve Tshwete Local Municipality regarding priority projects within the IDP.	Environmental Impacts

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Musawenkosi Masina	Public Meeting	29-Mar-17	Will there be blasting and have mitigation measure been included to prevent damage to the buildings and prevent impact to the people living in the community.	<p>A Blasting and Vibration Specialist Study was undertaken as part of the EIA process. It should be noted that there will be limited surface blasting during the development of the shafts during construction and limited underground blasting other than when a geological anomaly is encountered, such as a dyke. During such instances, the DMR will be notified if there are structures located within the blasting radius and the necessary communication with the landowners and land-users will also be done. A blasting impact assessment was compiled and attached as Appendix 16 and is available for public review along with this EIA report. The original report was considered a worst case scenario for the influences evaluated. However the possible impact from drilling and blasting operations had to be reviewed due to a change in development of the decline shafts. The first 5 to 10 blasts are expected still to have some effect from sound, ground vibration, and air blast within the immediate vicinity of the shaft but will start subsiding thereafter. Further assessment was not required (Refer to Section 11.13. and Appendix 16 of the EIA Report).</p>	Blasting

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Musawenkosi Masina	Public Meeting	29-Mar-17	Skills development- does the mine have these skills for the people?	<p>Your comment is noted.</p> <p>To obtain a mining right a SLP needs to be undertaken and submitted to the DMR for consideration. This SLP stipulates the labour to be used and programmes to be started to help empower the local communities. These programmes include training and skills development. The SLP currently stipulates that local labour should be given first preference. During the construction and operational phases, a variety of skills will be required including skilled, semi-skilled and unskilled. Local employment will be given first priority however should specific skills be required that cannot be obtained from the community, these skills will be sourced elsewhere. It must also be noted that not only will the community benefit directly from the mine (labour), indirect benefits will also be obtained such as increased capital within the community, economic growth and diversification.</p>	Socio-economic
Musawenkosi Masina	Public Meeting	29-Mar-17	What is the estimated figure on the number of people who will benefit	<p>It is anticipated that the proposed project will likely provide a total of 86 jobs during the construction phase and 371 jobs during the operational phase which will ultimately contribute to the surrounding communities through job creation and procurement of goods and services. Umcebo's recruitment policy is based on an employment ratio of 70:30 Historically Disadvantaged South Africans (HDSAs) to non-HDSAs unless business requirements such as maintenance of the company's Mining Charter credentials necessitate differently. Employees recruited from local historically disadvantaged communities should also represent vulnerable groups such as women</p>	Socio-economic

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
				and people with disabilities.	
Musawenkosi Masina	Public Meeting	29-Mar-17	How will the mine benefit the community directly.	It can be communicated that the local community will benefit, directly from the construction and operation of the mine. During the construction and operational phases, a variety of skills will be required including skilled, semi-skilled and unskilled. Local employment will be given first priority. Additionally services and goods will need to be sourced by the mine which will encourage economic development within the local economy through the growth of businesses.	Social
Musawenkosi Masina	Public Meeting	29-Mar-17	Will there be education development programmes for matriculates such as bursaries?	In accordance with the SLP, LED programmes will need to be set up for the community. The main priority of the LED programmes is to improve the educational facilities within the surrounding communities. Additional training and skill development programmes will also be set up to advance the community and provide them with the skills required to obtain the various jobs offered at the mine. It will be suggested to the mine that a bursary program should be set up to assist school pupils and matriculates obtain the required education.	Social
Musawenkosi Masina	Public Meeting	29-Mar-17	If there is a future meeting please bring speakers	Your comment is noted	Public Participation
Musawenkosi Masina	Public Meeting	29-Mar-17	What is the duration of the mine?	The project is proposed to commence once the environmental authorisation; IWUL and WML have been granted. The estimated LoM will be in excess of 30 years but the environmental authorisation will be required for an initial period of 36 years.	Project Specific
July Mnguni	Public Meeting	29-Mar-17	To the councilor: (In Zulu) I do not want to disrespect you. I did not see you were at the meeting	Your comment is noted	Internal community engagement

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Sipho	Public Meeting	29-Mar-17	What mines do is present us with so many opportunities in the SLP and then do not implement them and the community then suffers. It is proposed that after you get the right you must come back to the community to discuss how the SLP will be implemented including training and skill development programmes	Your comment is noted and a recommendation to this extent has been included in the EIA report.	Socio-economic
Zandile	Public Meeting	29-Mar-17	We need to get assurance for when opportunity comes up that the person hired is from this community. How are you going to employ us? How is the community services going to be recognised	Should the mine obtain the environmental authorisation, notices will be sent detailing the jobs and services required by the mine. The local communities will be required to register on the registry as well as on a vendor list. If further engagement is required, the community should communicate with the mine directly.	Project Specific
July Mnguni	Public Meeting	29-Mar-17	When are we going to register? You must tell us everything	The EIA report is currently out for public review for a period of 30 days. It is proposed that the final EIA report is submitted to the DMR on 26 April 2017. In terms of the EIA phase the DMR has 107 days to make a decision on the Authorisation (positive or negative). Should the Authorisation be obtained, capital must be secured before the mine begins construction Once these funds are secured a recruitment process will be initiated which will aim to focus on local labour employment.	Project Specific
Gilbert	Public Meeting	29-Mar-17	There have been a number of questions asked. Go and have your DMR license as you are currently not giving us something tangible.	Your comment is noted.	Project Specific

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Nokukhanya Khumalo (South African Heritage Resources Agency)	Written Comments	21-Apr-17	<p>SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit agrees with the recommendations contained in the Heritage impact Assessment report and has no objections to the proposed development on the following conditions: A CMP must be commissioned by the mine to be written by a heritage specialist and submitted to SAHRA for approval. The CMP must detail potential direct and indirect impacts to all the heritage resources identified within a distance of a 100 m from the proposed surface infrastructure development and within the 500 m blast zone radius.</p> <ul style="list-style-type: none"> ■ The CMP must ensure that a status quo report is in place for all the rock art sites. ■ The CMP must allow for the annual monitoring of all heritage resources within the mine right area by the relevant heritage specialist. ■ It must contain the responsible persons to initiate monitoring of all the heritage resources and submit the subsequent reports to SAHRA. ■ The CMP should contain the procedure to allow for family members to gain access to their respective grave sites. <p>All burial grounds within the mine right area must be fenced with an access gate to allow for family visitation. A palaeontologist must train the ECO and the mine geologist to identify the local fossilised flora. The Fossil Finds Procedure must be included in the EMP for implementation. The following additional conditions apply to the</p>	Your comments are noted and have been attached to the EIA report for DMR consideration (Appendix 18)	Heritage

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
			<p>development: If the newly discovered heritage resources prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary, and a permit will be needed before mitigation. You may contact SAHRA APM Unit for further details: (Nokukhanya Khumalo/Phillip Hine 021 202 8652), - and if any unmarked human burials are uncovered then please contact the SAHRA BGG Unit (Mimi Seetelo 012 320 8490). If any damage or disturbances to the heritage resources identified in the HIA are foreseen and the recommendations within this Final Comment cannot be adhered to then a motivation letter should be submitted to SAHRA as an additional documents in a new permit application for mitigating the sites. Should you have any further queries, please contact the designated official using the case number quoted above in the case header.</p>		

Name of Individual	Consulted	Date of comments received	Issues Raised	EAPs response to issues as mandated by the applicant	Category
Mr J.J Eksteen (Mpumalanga Tourism and Parks Agency)	Written Comments	20-Apr-17	<p>With reference to your correspondence reference Umcevo Mining MP30/5/1/2/2/10129 MR, of march 2017 herewith our comments:</p> <p>Attached is figure 1, a MBSP map indicating the terrestrial biodiversity status of the mining area. Please ensure that all the above ground infrastructure of the underground coal mine are placed outside the CBA (Critical Biodiversity Areas). The CBA terrestrial biodiversity area must be conserved to meet the biodiversity conservation targets.</p> <p>Furthermore figure 2, a MBSP freshwater biodiversity map indicates the ESA (Ecological Support Area) Wetlands. These wetlands must be conserved in order to provide clean water to the source of the Klein Olifants River</p> <p>MTPA is also concerned about the following negative effects of underground mining, on the water resources and associated biodiversity above ground:</p> <ol style="list-style-type: none"> 1. Subsidence, how will this be mitigated if it occurs under the wetlands? 2. Dewatering of the aboveground wetlands and grasslands, how ill dewatering be monitored and how will the negative effects thereof be mitigated during the mining phases? 3. How will the AMD decant after the decommissioning phases be dealt with and if there are no decant predicted how will the dirty underground water be treated so that nearby boreholes can still be used? 	A Response letter will be compiled by Digby Wells to address the issues raised and submitted to the Mpumalanga Tourism and Parks Agency directly.	Biodiversity

Final EIA and EMP Report

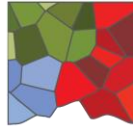
Proposed Hendrina Underground Coal Mine, Mpumalanga

XST3791



DIGBY WELLS
ENVIRONMENTAL

Appendix 2J: Announcement of Final EIA



DIGBY WELLS

ENVIRONMENTAL

Project Reference: XST3791

26 April 2017

UMCEBO MINING (PTY) LTD

**ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL
MANAGEMENT PROGRAMME REPORT FOR THE PROPOSED HENDRINA
UNDERGROUND COAL MINE, MPUMALANGA**

SAMRAD Reference Number: MP 30/5/1/2/2/10129 MR

AVAILABILITY OF FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Dear Stakeholder,

Umcebo Mining (Pty) Ltd (Umcebo) is proposing the development and operation of a new underground coal mine and associated infrastructure (proposed project) at sites situated between approximately 10 to 22 kilometres (km) south east of Hendrina in the Mpumalanga Province of South Africa (project site).

We would like to thank the various stakeholders who have commented on the Draft Environmental Impact Assessment (EIA) Report. Digby Wells Environmental (Digby Wells) on behalf of Umcebo hereby gives notice to stakeholders of the availability of the Final EIA and Environmental Management Programme (EMP) Report for public comment.

The Final EIA/EMP Report will be submitted to the Department of Mineral Resources (DMR) for consideration and decision making on 26 April 2017. The Final EIA/EMP will be available for public comment for a period of 21 days from **Wednesday, 26 April 2017** until **Monday, 22 May 2017** on the Digby Wells website (www.digbywells.com) under Public Documents.

Should you wish to comment further on the Report, comments can be forwarded directly to the responsible government official. Additionally please copy Digby Wells Environmental in your correspondence using the contact details provided.

Attention: Mr Redwin Tshisudzungwane

Directorate: Mine Environmental Management: Mpumalanga Region

Postal Address: Private Bag X7279, Emalahleni, 1035

Physical Address: Saveways, Crescent Centre, Mandela Drive, Emalahleni, 1035

Telephone Number: (013) 653 0500

Fax Number: (013) 656 0932

Stakeholders will be notified of the authorities' decision for the proposed project. You are also welcome to contact us on Tel: 011 789 9495, Fax: 011 069 6801, Postal: Private Bag X10046, Randburg, 2125, Email: nondumiso.gwala@digbywells.com.

Yours sincerely

Stakeholder Engagement Office

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Tel: +27 11 789 9495, Fax: +27 11 069 6801, info@digbywells.com, www.digbywells.com

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*Non-Executive