

## Catherine Warburton

---

**From:** Gina Martin <gina@jaws.co.za>  
**Sent:** 20 February 2018 10:11 AM  
**To:** henkc@geoscience.org.za; Max Madubane  
**Cc:** Marius van Zyl; Bashan Govender  
**Subject:** RE: Summary of water barrier pillar and plug stability during re-watering of Ezulwini

**Importance:** High

Dear Henk and Max,

The below emails refer. Thank you for your consideration of this Information.

William Joughin (the specialist who drafted the *Summary of water barrier pillar and plug stability during re-watering of Ezulwini*) has confirmed that the document submitted to Max on 31 January 2018 does not contain new seismological information and was based on the information and data within the SRK reports submitted as appendices to the Final Basic Assessment Report (FBAR) in October 2017 (Appendices C1 and H4).

Copies of these reports were made available to the DMR for distribution to all commenting authorities (of which the Council for Geoscience is one). Additionally, the announcement of the FBAR availability and link to download the documents, was sent to Sifiso Ngubelanga of the Council for Geoscience.

If you do not have a copy of the Ezulwini FBAR submission, please let us know so that we may send you a CD. Alternatively, you can download the documents from our website:

<http://www.laws.co.za/public-review-documents/Sibanye-Gold-s-proposed-closure-of-the-underground-workings-of-the-Ezulwini-Operations/>

Kind Regards,

Gina Martin Pr Sci Nat  
Environmental Scientist, Jones & Wagener

---



C +27 72 997 8935 | T +27 11 519 0200 | gina@jaws.co.za  
P O Box 1434 Rivonia 2128 South Africa | www.jaws.co.za

---

**From:** Max Madubane [mailto:Max.Madubane@dmr.gov.za]  
**Sent:** 19 February 2018 14:49  
**To:** gina@jaws.co.za  
**Cc:** henkc@geoscience.org.za; Rudzani Ramatsekisa <Rudzani.Ramatsekisa@dmr.gov.za>; GovenderB@dws.gov.za; KeetM@dws.gov.za; Reuben Masenya <Reuben.Masenya@dmr.gov.za>  
**Subject:** Fwd: Summary of water barrier pillar and plug stability during re-watering of Ezulwini

Good day,

Please assist as requested in the below email and also communicate directly with CGS on this matter. Please copy me in all correspondences between yourselves and CGS.

Regards,

Max Madubane  
Tel: +27 11 358-9776 or +27 12 444-3661  
Cell: +27 82 459-6867 / +27 84 512-2761

**Max Madubane**

Mine Health & Safety

Tel : 011 358 9977

Email : [Max.Madubane@dmr.gov.za](mailto:Max.Madubane@dmr.gov.za)

Website :



**mineral resources**

Department  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Begin forwarded message:

**From:** Henk Coetzee <[henkc@geoscience.org.za](mailto:henkc@geoscience.org.za)>  
**Date:** 15 February 2018 at 09:26:34 SAST  
**To:** Max Madubane <[Max.Madubane@dmr.gov.za](mailto:Max.Madubane@dmr.gov.za)>, "[GovenderB@dws.gov.za](mailto:GovenderB@dws.gov.za)" <[GovenderB@dws.gov.za](mailto:GovenderB@dws.gov.za)>, "[KeetM@dws.gov.za](mailto:KeetM@dws.gov.za)" <[KeetM@dws.gov.za](mailto:KeetM@dws.gov.za)>, Sunday Mabaso <[Sunday.Mabaso@dmr.gov.za](mailto:Sunday.Mabaso@dmr.gov.za)>, Reuben Masenya <[Reuben.Masenya@dmr.gov.za](mailto:Reuben.Masenya@dmr.gov.za)>, Molefe Morokane <[Molefe.Morokane@dmr.gov.za](mailto:Molefe.Morokane@dmr.gov.za)>  
**Cc:** Elliot Letsoko <[Elliot.Letsoko@dmr.gov.za](mailto:Elliot.Letsoko@dmr.gov.za)>, Thabo Ngwenya <[Thabo.Ngwenya@dmr.gov.za](mailto:Thabo.Ngwenya@dmr.gov.za)>, Mthokozisi Zondi <[Mthokozisi.Zondi@dmr.gov.za](mailto:Mthokozisi.Zondi@dmr.gov.za)>, Funwell Nkuna <[Funwell.Nkuna@dmr.gov.za](mailto:Funwell.Nkuna@dmr.gov.za)>, Ian Saunders <[ians@geoscience.org.za](mailto:ians@geoscience.org.za)>  
**Subject:** RE: Summary of water barrier pillar and plug stability during re-watering of Ezulwini

Dear Max

I've passed the letter on to our Seismology Unit. They have asked if we can get access to the original reports which this is based on and the seismological monitoring data used to develop the recommendations.

Kind regards

Henk

**Dr. Henk Coetzee**  
Specialist Scientist  
Water and Environment - Applied Geoscience  
Tel: +27 (0)12 841 1398  
Email: [henkc@geoscience.org.za](mailto:henkc@geoscience.org.za) | Website: <http://www.geoscience.org.za>  
280 Pretoria Street, Silverton, Pretoria, 0001

This message is subject to the CGS's copyright terms and conditions, e-mail legal notice, and implemented Open Document Format (ODF) standard. The full disclaimer details can be found at [CGS Disclaimer](#). Please consider the environment before printing this email.

**From:** Max Madubane [<mailto:Max.Madubane@dmr.gov.za>]  
**Sent:** 31 January 2018 10:03 AM  
**To:** [GovenderB@dws.gov.za](mailto:GovenderB@dws.gov.za); [KeetM@dws.gov.za](mailto:KeetM@dws.gov.za); Sunday Mabaso <[Sunday.Mabaso@dmr.gov.za](mailto:Sunday.Mabaso@dmr.gov.za)>; Henk Coetzee <[henkc@geoscience.org.za](mailto:henkc@geoscience.org.za)>; Reuben Masenya <[Reuben.Masenya@dmr.gov.za](mailto:Reuben.Masenya@dmr.gov.za)>; Molefe Morokane <[Molefe.Morokane@dmr.gov.za](mailto:Molefe.Morokane@dmr.gov.za)>  
**Cc:** Elliot Letsoko <[Elliot.Letsoko@dmr.gov.za](mailto:Elliot.Letsoko@dmr.gov.za)>; Thabo Ngwenya <[Thabo.Ngwenya@dmr.gov.za](mailto:Thabo.Ngwenya@dmr.gov.za)>;

Mthokozisi Zondi <[Mthokozisi.Zondi@dmr.gov.za](mailto:Mthokozisi.Zondi@dmr.gov.za)>; Funwell Nkuna <[Funwell.Nkuna@dmr.gov.za](mailto:Funwell.Nkuna@dmr.gov.za)>  
**Subject: Summary of water barrier pillar and plug stability during re-watering of Ezulwini**

Good day All,

Please receive and study the attached document from Ezulwini and comment on the way forward with regard to their application to re-water the said mine.

### **Disclaimer**

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**, an innovator in Software as a Service (SaaS) for business. Providing a **safer and more useful** place for your human generated data. Specializing in; Security, archiving and compliance. To find out more [Click Here](#).