**PRESS RELEASE**

End-of-life planning for mines requires careful planning and assessment

**13 March 2024:** Due to the nature of mining, the Minerals and Petroleum Resources Development Act (No. 28 of 2002) requires mines to have an environmental management programme in place, with the necessary funds allocated to it for closure before a mining permit is issued.

Mining and heavy industry are always evolving as new technology results in new methods and optimised operations. As such, consultation may occur in multiple stages during a facility’s lifespan, most notably after major upgrades or changes to on-site infrastructure.

“Wherever there is industry, there is a need for end-of-life planning. Africa’s rich and diverse mineral reserves are perfect for continuous improvement in systems and processes, in turn leading to more challenging and exciting planning opportunities,” comments **Kate Bester**, Project and Contracts Manager at Jet Demolition.

The company provides professional on-site demolition assessments to large mining houses and industrial clients whereby experienced staff conduct on-site investigations of existing infrastructure. The main aim is to determine the cost, resources, and schedule details relating to the demolition aspects of future closures.

More crucially, however, it is an opportunity for early involvement in final closure planning, which may ultimately result in an optimised closure approach. Such an assessment extends beyond measuring and quantifying what is present.

It affords the opportunity to identify, record and plan for heritage on-site conditions that may require special attention, allows for the identification of assets that may be transferred or sold prior to closure, and also considers options with regard to the timing, sequencing, and execution of closure.

The highly experienced members of the engineering and operations department at Jet Demolition who carry out these assessments possess various qualifications such as MSc degrees and engineering diplomas, combined with extensive practical experience.

The safety and environmental teams also contribute to these studies, enabling full turnkey consultation with clients. This process ensures that all major items are carefully considered during pre-closure planning, aligning budgetary provisions with the final adopted approach.

While on-site assessments do not necessarily translate into additional scope of work, they do build on existing client relationships. “We have always focused on providing comprehensive, turnkey services to our clients. Demolition assessments are part and parcel of our turnkey demolition solutions,” highlights Bester.

“There have been many projects throughout Africa where on-site assessments have been carried out successfully at large mining houses and heavy industrial plants. We provide practical, cost-effective and safety-centric solutions to technically demanding projects. Our reputation and experience in industry is well-suited to assist clients with preparatory works and detailed planning in order to best plan for end-of-life of large facilities,” she concludes.

***Ends***

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**Notes to the Editor**To download hi-res images for this release, please visit <http://media.ngage.co.za> and click the Jet Demolition link to view the company’s press office.

**About Jet Demolition**

Jet Demolition has been undertaking industrial demolition works since 1994, and is the leading, largest, and most technically-advanced demolition company in Africa. It offers in-house, full-range demolition services, including advanced mechanical solutions and controlled implosions. It actively pursues ongoing development of skills and equipment suited to the changing needs of the industry.

Jet Demolition is a technically-based company, with various staff members holding MSc, BSc, and BTech Degrees, as well as National Diplomas, in various engineering fields. This expertise gives it the technical foundation to successfully engineer solutions for large and complex demolition projects, and furthermore fuels its drive to deliver quality projects safely. Jet Demolition strives to offer its clients innovative and technical solutions to demanding demolition challenges.

**Jet Demolition Contact**

Kate Bester (NDip Civil Engineering - PMP)

Project and Contracts Manager

Phone: (011) 495 3800

Cell: 072 811 5310

Email: kate@jetdemolition.co.za

Web: [www.jetdemolition.co.za](http://www.jetdemolition.co.za)

**Media Contact**

Rachel Mekgwe

NGAGE Public Relations

Phone: (011) 867 7763

Fax: 086 512 3352

Cell: 074 212 1422

Email: rachel@ngage.co.za

Web: [www.ngage.co.za](http://www.ngage.co.za/)

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