

24 July 2019

Company Announcements Office
ASX Limited
Exchange Centre
20 Bridge Street
SYDNEY NSW 2001

Dear Sir/Madam

IMDEX TECHNOLOGY UPDATE – POSITIVE TRIALS WITH NEW DRILLING PRODUCTIVITY AND MINING TECHNOLOGIES

IMDEX Limited (IMDEX or the Company), a leading mining-tech company, is pleased to provide an update regarding its new drilling productivity and mining technologies.

Commenting on the progress of the Company's technology development, IMDEX Managing Director, Mr Bernie Ridgeway said:

"We have an exciting pipeline of new technologies and connected devices to support our growth strategy. The new technologies have the potential to grow our core business by enhancing technical leadership; and extending our capabilities into the larger adjacent mining market, to create an additional non-cyclical revenue stream.

"Our new technologies – including the COREVIBETM, MAGHAMMERTM and BLAST DOGTM – have the ability to deliver important advancements in drilling methods and mining workflows. New deposits are likely to be deeper and under cover; and resource companies are embracing innovation to achieve greater productivity. These new technologies position our Company to benefit from changing industry dynamics."

Drilling Productivity Technologies – COREVIBETM & MAGHAMMERTM

As announced on [18 January](#) 2018, IMDEX has an exclusive Option Agreement to acquire Flexidrill and its patent protected drilling productivity technologies, the COREVIBETM & MAGHAMMERTM.

The Company has been progressing the development of these technologies based on strong demand from drilling contractors and resource companies, IMDEX undertook successful trials at the Company's test site in New Zealand, which concluded that COREVIBETM generated a productivity gain of 33% over conventional coring. These results were also validated by SGS, the world's leading inspection, verification, testing and certification company.

More recently, IMDEX conducted client trials with the COREVIBETM in New South Wales, Queensland and Western Australia. These trials were successful and supported the results achieved at IMDEX's test site.

When discussing the COREVIBETM trials, a Field Supervisor involved in these trials said:

"I personally believe this technology to be the most significant change to drilling methods in a long time, which is a very significant achievement."

Further trials with another large drilling contractor in Arizona are scheduled for late July 2019 and IMDEX expects to have COREVIBETM units on rent in the current quarter.

Development of the MAGHAMMERTM at IMDEX's test site in New Zealand is also progressing well and the Company intends to commence client trials in 2H20.

The first iteration of the MAGHAMMERTM will be targeting high speed pre-collar drilling through barren rock to the coring zone. This eliminates the need for multiple drill rigs at site and accordingly, the MAGHAMMERTM will significantly reduce the cost of drilling these targets. Additional development of the MAGHAMMERTM will provide geological samples.

On the basis of continued positive development of the drilling productivity technologies and ongoing successful client trials with COREVIBETM, IMDEX anticipates exercising its Option to acquire Flexidrill in December 2019.

IMDEX Mining Technologies – BLAST DOGTM

IMDEX's development of mining technologies for Drill & Blast applications is advancing and remains on track to increase mine to mill efficiency for clients globally. The leveraging of the Company's technical sensing capabilities into mining has the potential to provide IMDEX with non-cyclical global revenue streams.

The deployment of BLAST DOGTM is commodity agnostic. IMDEX is conducting trials in multiple commodities with global resource companies. To date, successful trials have been undertaken in Nevada in the United States and in Queensland, Australia. Additional trials are planned in Chile and Australia in 1H20.

The Company continues to have strong support from industry partners including: Orica; Anglo American; Teck Resources; and METS Ignited and expects to generate revenue from the drill and blast technologies in FY20.

FY19 Full Year Results Presentation – 19 August 2019

IMDEX will present its full year results for the 2019 financial year on 19 August 2019, via a live teleconference and webcast at 10:00am (AWST).

Mr Ridgeway will provide an overview of the Company's FY19 performance and a further update regarding operational news. He will be joined by Chief Financial Officer and Company Secretary, Paul Evans and Chief Operating Officer, Paul House. Mr Ridgeway, Mr Evans and Mr House will be available to answer any questions following the presentation.

Teleconference and webcast details are available on the Company's website.

ABOUT IMDEX

IMDEX is a leading mining-tech company, which enables successful and cost-effective operations from exploration to extraction. www.imdexlimited.com.

The Company develops cloud-connected devices and drilling optimisation products to improve the process of identifying and extracting mineral resources for drilling contractors and resource companies globally.

ABOUT FLEXIDRILL

New Zealand based Flexidrill is a leading developer of vibration and magnetic field assisted drilling technologies. www.flexidrill.co.nz

COREVIBE™ & MAGHAMMER™

The COREVIBE™ utilises high frequency energy pulse assisted drilling for wireline coring and provides a significant advancement in core drilling productivity.

This unique technology can deliver significant benefits to clients including: less hole deviation with higher penetration rates – up to 90%; fewer inner tube blockages and associated tripping; and longer drill bit life.

The MAGHAMMER™ utilises a new hybrid drilling technique, which combines rotary diamond drilling with fluid driven percussive drilling to achieve higher penetration rates compared to conventional coring. The technology enables an entire drill hole to be completed with a coring rig where RC and diamond drilling is required.

Benefits for clients include: the ability to drill deeper faster and with lower cost – the MAGHAMMER™ is not affected by water intrusion and is only limited in depth by the pullback capacity of the rig; rapid drill case setting; lower rig mobilisation and demobilisation costs; and a safer operating environment with substantially less dust than compressed air RC drilling.

IMDEX BLAST DOG™

The IMDEX BLAST DOG™ is an autonomous system for logging material characteristics of blast holes, which allows automated spatial domaining of physical properties and fracturing.

IMDEX's co-development project with Orica – the world's largest provider of commercial explosives and innovative blasting systems including the BlastIQ™ – enables optimised blasting outcomes based on high-resolution 3D material models and material tracking in the pit.

Benefits for clients include: predictable fragmentation of blasted ground; controlled vibration, dust, fumes and heave; increased processing intensity (greater throughput at the processing plant); and enhanced productivity for resource companies.

Yours faithfully

Imdex Limited



Paul Evans

Company Secretary

FOR FURTHER INFORMATION PLEASE CONTACT:

Bernie Ridgeway, Managing Director

Paul Evans, Chief Financial Officer and Company Secretary

Kym Clements, Investor Relations Officer and Corporate Communications

kym.clements@imdexlimited.com

+61 8 9445 4010