IVANHOE MINES
NEW HORIZONS

PROGRESS GALLERY / APRIL 2019

Building futures. Strengthening communities.

Left to right: Peter Zhou (Vice President, Corporate Development, Asia, Ivanhoe Mines), Yufeng "Miles" Sun (President, CITIC Metal Group / Chairman, CITIC Resources Holdings / Co-Chairman, Ivanhoe Mines), Robert Friedland (Executive Co-Chairman, Ivanhoe Mines) and Manfu Ma (Vice President, CITIC Metal Group).

April 25, 2019: CITIC Metal to invest an additional C$612 million (US$454 million) in Ivanhoe Mines at C$3.98 per share. Ivanhoe Mines' resulting cash position of C$1.3 billion (US$1.0 billion) is approximately twice the amount required to finance its share of construction costs for the Kakula copper mine in the Democratic Republic of Congo. Click here to read the news release.

Building what will be **3 of the world's best mines** and exploring for the **next copper giant** in Southern Africa's legendary mineral fields

WESTERN FORELAND

Copper exploration

Democratic Republic of Congo's Central African Copperbelt

KAMOA-KAKULA

Initial development of two mining areas on world's 4th-largest copper discovery

D.R. Congo's Copperbelt

PLATREEF

Mine projected to be Africa's lowest-cost producer of platinum-group metals, plus nickel, copper & gold

Northern Limb of South Africa's Bushveld Complex

KIPUSHI

Ultra-high-grade historic mine being upgraded to produce zinc, copper, silver, germanium & lead

D.R. Congo's Copperbelt

KAMOA-KAKULA and KIPUSHI, DRC

On April 8, 2019, Ivanhoe Mines and the Democratic Republic of Congo's President reaffirmed their joint commitment to support the development of the country's unrivalled mineral potential and to accelerate economic growth and employment.

Click here to read the news release.

Drilling holes for rock anchor bolts into the roof of Kakula's new, southern decline that will provide access and ventilation to the southern side of the underground, high-grade Kakula Deposit.

Mine geologist Micheline Kyenge taking rock-chip samples at one of five lateral drives now under development to access the northern side of the underground, high-grade Kakula orebody.

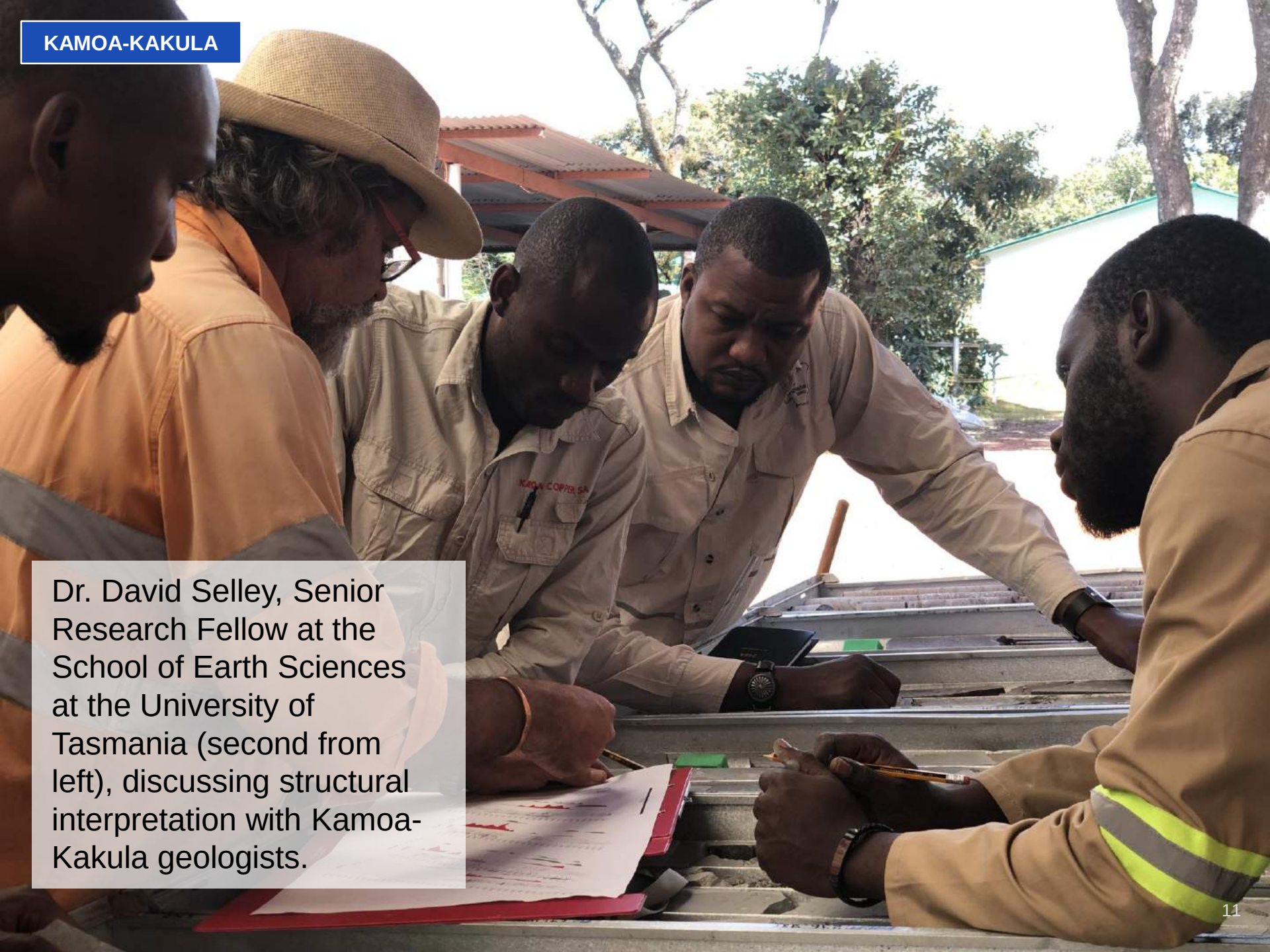
One of four rigs now drilling at the Kamoa North high-grade discovery area.

Kamoa-Kakula geologists Christelle Nkulu (left) and Paul Kazadi (centre), and Barry Rowe of Titan Drilling (right) inspecting a piece of copper-rich drill core from hole DD1511 recently drilled at the Kamoa North discovery area.

Massive native copper in hole DD1520 drilled in the Kamoa North discovery area. The core is from a depth of 197 metres below surface.

Semi-massive and disseminated high-grade copper mineralization (chalcopyrite) in hole DD1508 at a depth of 203 metres below surface, drilled in the Kamoa North high-grade discovery area.

Geologists Lydia Makong (left) and Christelle Nkulu logging copper-rich drill core from the Kamoa North high-grade discovery area.



Dr. David Selley, Senior Research Fellow at the School of Earth Sciences at the University of Tasmania (second from left), discussing structural interpretation with Kamoa-Kakula geologists.

KAMOA-KAKULA

A resident in one of the small communities near the Kamoa-Kakula Project proudly showing a fresh tilapia weighing 1.2 kilograms (2.6 pounds) harvested from one of the two local, community fish-farming ponds. The fish-farming initiative is part of the Kamoa-Kakula Sustainable Livelihoods program that is committed to sustainable development in the communities within the project's footprint.

View of the Platreef Mine site.

Limpopo Premier Stanley Chupu Mathabatha (centre) cutting a ceremonial ribbon, alongside members of the Platreef shaft-sinking team, to signify the completion of the 850-metre top-cut station development.

Ongoing construction of the foundation that will support Shaft 2's 103-metre-tall concrete headframe.

Anthony Baloyi, Mokopane Micraas, Abatian Manmela and Ruddy Malete (left to right), of South Africa-based Malecombo Steel Fixers, installing steel rebar for Shaft 2's concrete foundation, which is expected to be completed mid-2019.

Thabang Khalo (left) and Judas Ledwaba, of South African-based Concor Construction, working on Platreef's Shaft 2.

Jan Mojapelo, Ivanplats' Ventilation Officer, measuring the flow of fresh air coming from surface to Shaft 1's 850-metre-level station.

Daphney Maleke, Leah Puiri, Prudence Kekana and Lebogang Masemini (left to right), of Malecombo Steel Fixers, working on the Shaft 2 foundation.

On April 1, 2019, a ceremony was held at Masodi Secondary School where recipients of the Ivanplats Scholarship Program received new uniforms and school supplies.

Fully automated start-up of the main pump no. 1 at the 1,200-metre level.
This is part of the testing phase to get all 5 pumps commissioned in 3 months.
Watch the video here.

KIPUSHI

Newly safety gates installed at all underground shaft entrances, as underground mine upgrading work nears completion at the Kipushi Mine.

The new truck-tipping bin on Kipushi’s 1,150-metre level. Ore from the Big Zinc Deposit will be trucked here, then dumped into the bin, which feeds into the large-capacity rock crusher located directly below.

Kahudi Mununga connecting up a new hydraulic power pack for the brakes on the P3 hoist.

KIPUSHI

Kipushi employees receiving first-aid training. The health, safety and well-being of our people are core priorities within our organization, and we are proud that our safety-focused work culture has helped us to improve our safety performance year-over-year.

KIPUSHI

As part of Ivanhoe's initiative to encourage more women to seek employment opportunities in the mining sector, a career and development session recently was held at Kipushi for women from the local communities.

More than 300 women have participated in reading and writing classes as part of the Women Literacy Project, one of Kipushi’s community development initiatives.

KIPUSHI

Maize field preparation at a demonstration farm at Kikonke village, near the Kipushi Mine. Ivanhoe is working with the Food and Agriculture Organization of the United Nations to assist local community members in the pilot project.

KIPUSHI

Two 5,000-litre fresh water tanks, a solar panel and pump being installed at Kikonke village as part of Ivanhoe's community support program.