



Mine geologists Didier Masengo and Kally Mbumba with high-grade samples from Kakula's Access Drive 2. The drive began mining in a zone of +5% copper in early November.

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

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Copper exploration
Democratic Republic of Congo's
Central African Copperbelt

KAMOA-KAKULA

Copper mine development
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PLATREEF

Mine development at
platinum-group elements, gold,
nickel and copper discovery
South Africa's
Bushveld Complex

KIPUSHI

Zinc, copper, silver
and germanium at historic,
high-grade mine
Democratic Republic of Congo's
Central African Copperbelt



A 3-D model of Kakula's processing plant flotation area

Ivanhoe Mines issues third quarter financial results. Ivanhoe and Zijin Mining have made excellent progress developing the Kakula Copper Mine in the Democratic Republic of Congo (DRC), with initial production on track for Q3 2021. Capacity of Kakula's processing plant modules increased by 26%, from 3.0 Mtpa to 3.8 Mtpa each, significantly boosting projected early-stage copper production. Click [here](#) to read the news release.

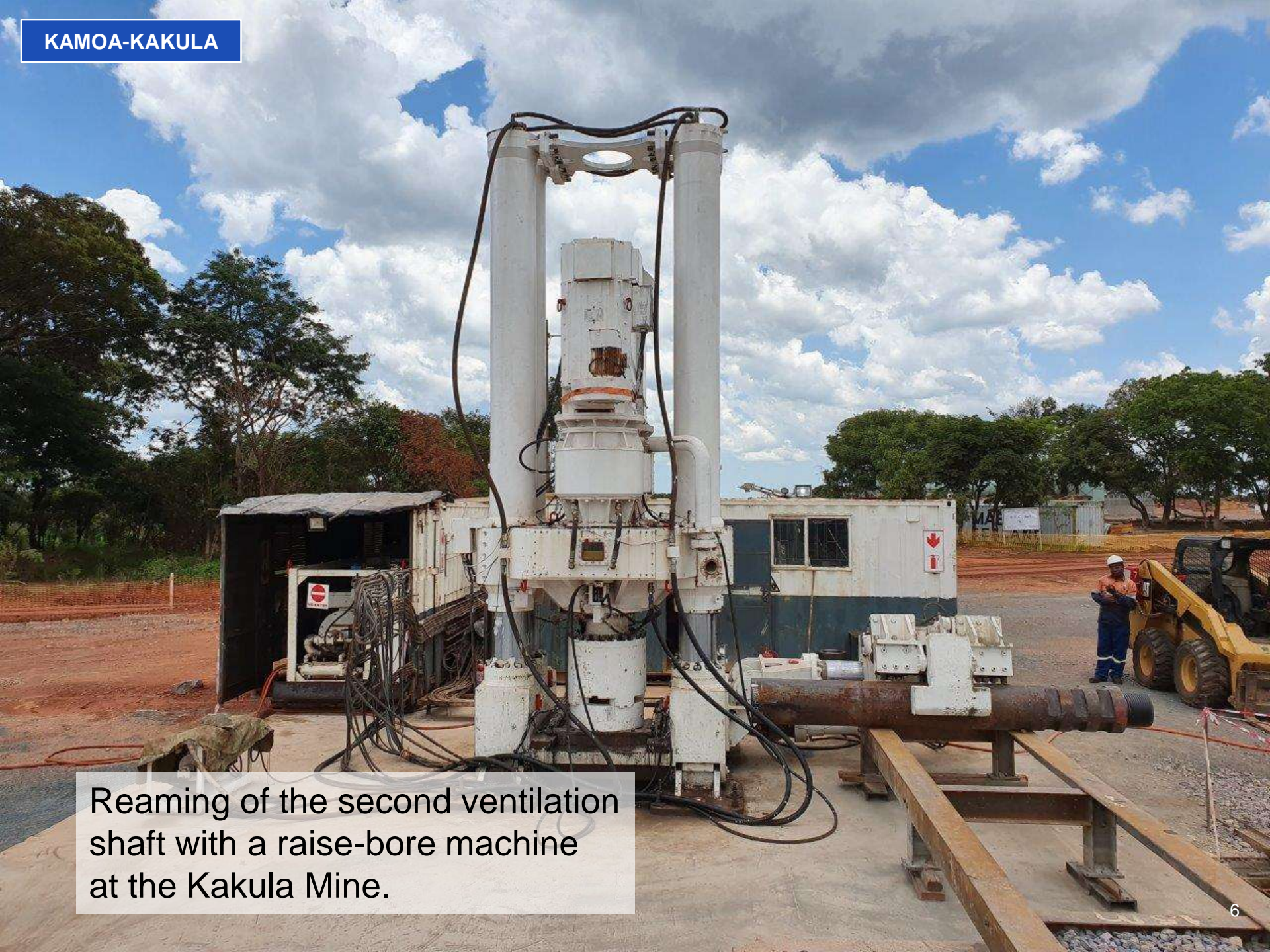


First phase of the Kakula village (foreground) is nearing completion and 360 of the 1,000 rooms now are occupied.

Civil construction works on the first 3.8 million-tonne-per-annum module of the Kakula processing plant (circled in red) is underway. The contract for the SMPP (structural, mechanical, piping and platework) supply and erection portion of the plant construction recently was awarded.



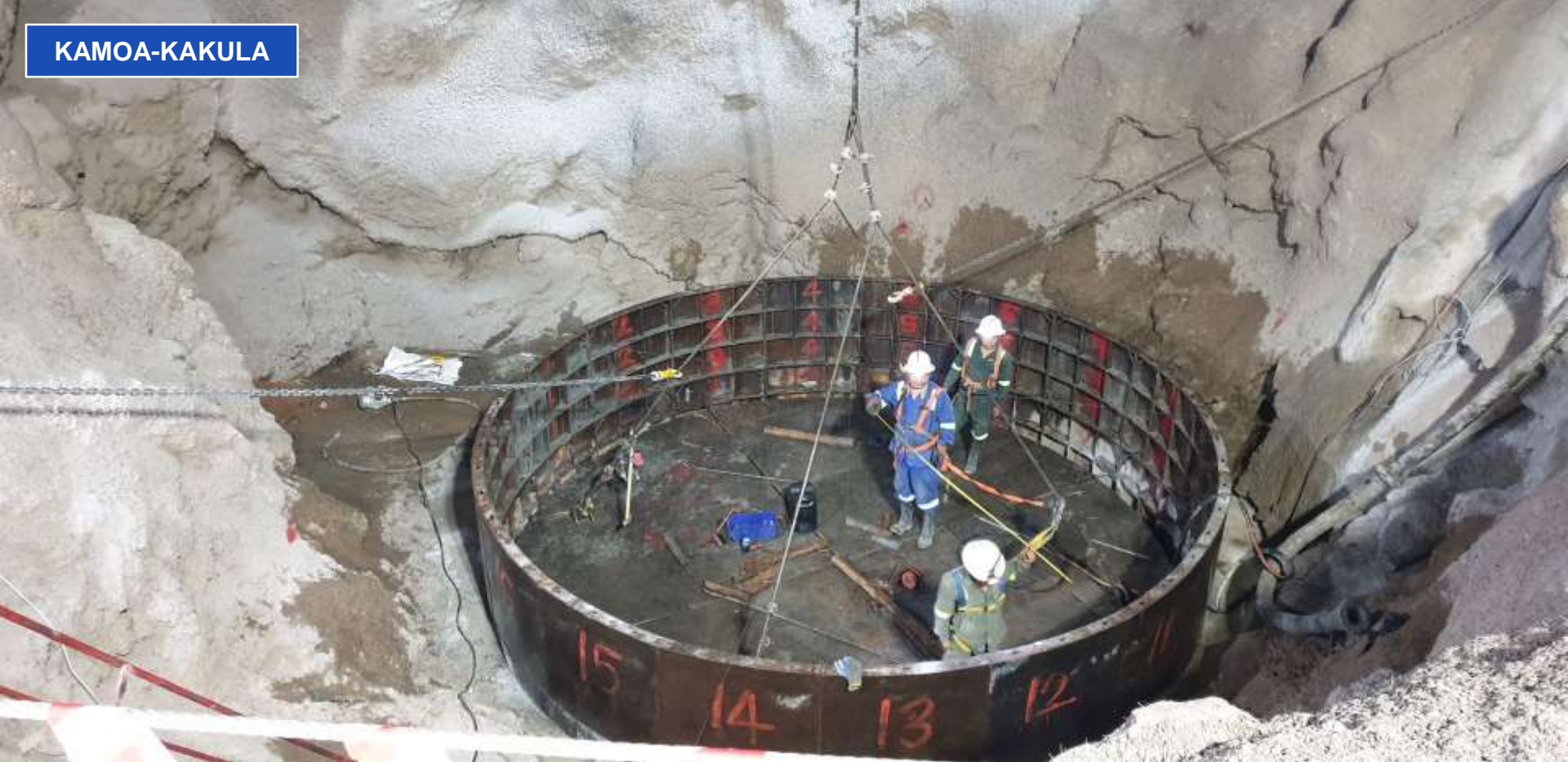
Aerial view of high-capacity fans at Kakula's ventilation Shaft 1 and stockpiles of ore near Kakula's main northern declines. During the past week, approximately 3,500 tonnes of ore, at an average grade of 5.32% copper, was stockpiled on surface from underground development.




Reaming of the second ventilation shaft with a raise-bore machine at the Kakula Mine.



Reinforcing one of three bases for the drawpoint of Kakula's run-of-mine ore stockpile. Concrete for a second base has been poured, and rebar fixing for the third base is under way.



Constructing the east tip bin that will form part of the Kakula underground ore handling infrastructure.

A large geotechnical drilling rig is positioned on a dirt clearing in a savanna landscape. Several workers in high-visibility vests and hard hats are gathered around the base of the rig. To the right, a yellow flatbed trailer carries a large white cylindrical container. The background features a line of trees and a distant view of a valley under a cloudy sky.

Geotechnical drilling at the Kamoa North Bonanza Zone. Approximately 50,000 metres of drilling has been completed at Kamoa-Kakula so far this year. Work is well underway to prepare an initial mineral resource estimate for the Bonanza Zone.



Members of engineering firm SRK Consulting review drill core with members of Kamoakakula's geological team.



A member of Kakula's future workforce, a miner trainee "operating" a piece of heavy equipment on a simulator at Kamoa-Kakula's new training centre.



Workers put the finishing touches on the new training centre expansion at Kansoko. The training centre is part of Kamoa-Kakula's commitment to train a highly-skilled Congolese workforce to operate the Kakula mine.



Condemnation drilling (geological sterilization work) at the site of the new 220 kilo-volt (kV) electrical substation near Kolwezi, which will connect the 220kV Kamoa-Kakula mine supply power line to the national grid. The construction of the substation will be done by German-based Siemens & Ray Group.



Community tomato harvest taking place near the Kamoa-Kakula Project. The Livelihood Program at Kamoa-Kakula helps local farmers grow and sell their own maize and vegetables. The program is an essential part of the livelihood restoration program undertaken by the Kamoa-Kakula Project.



Development is progressing on the eastern side of the 950-metre-level station of Shaft 1.



Shaft 1 barrel and 950-metre-level station breakaway.



Members of ITOCHU, Ivanhoe Mines' partner on the Platreef Project, visit Shaft 1's 950-metre-level station.



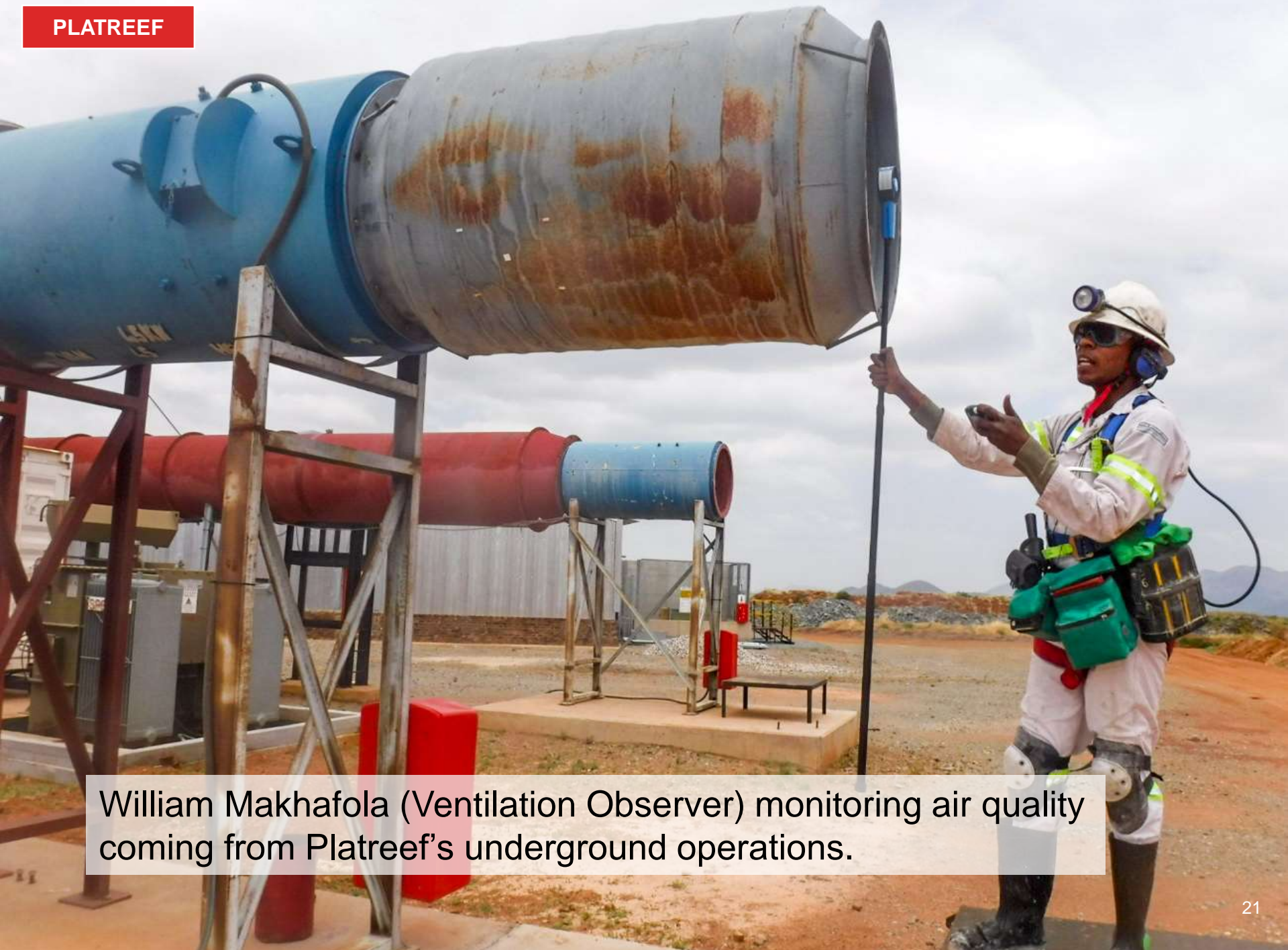
Ivanhoe executives and investors with the underground crew at the 950-metre-level station.



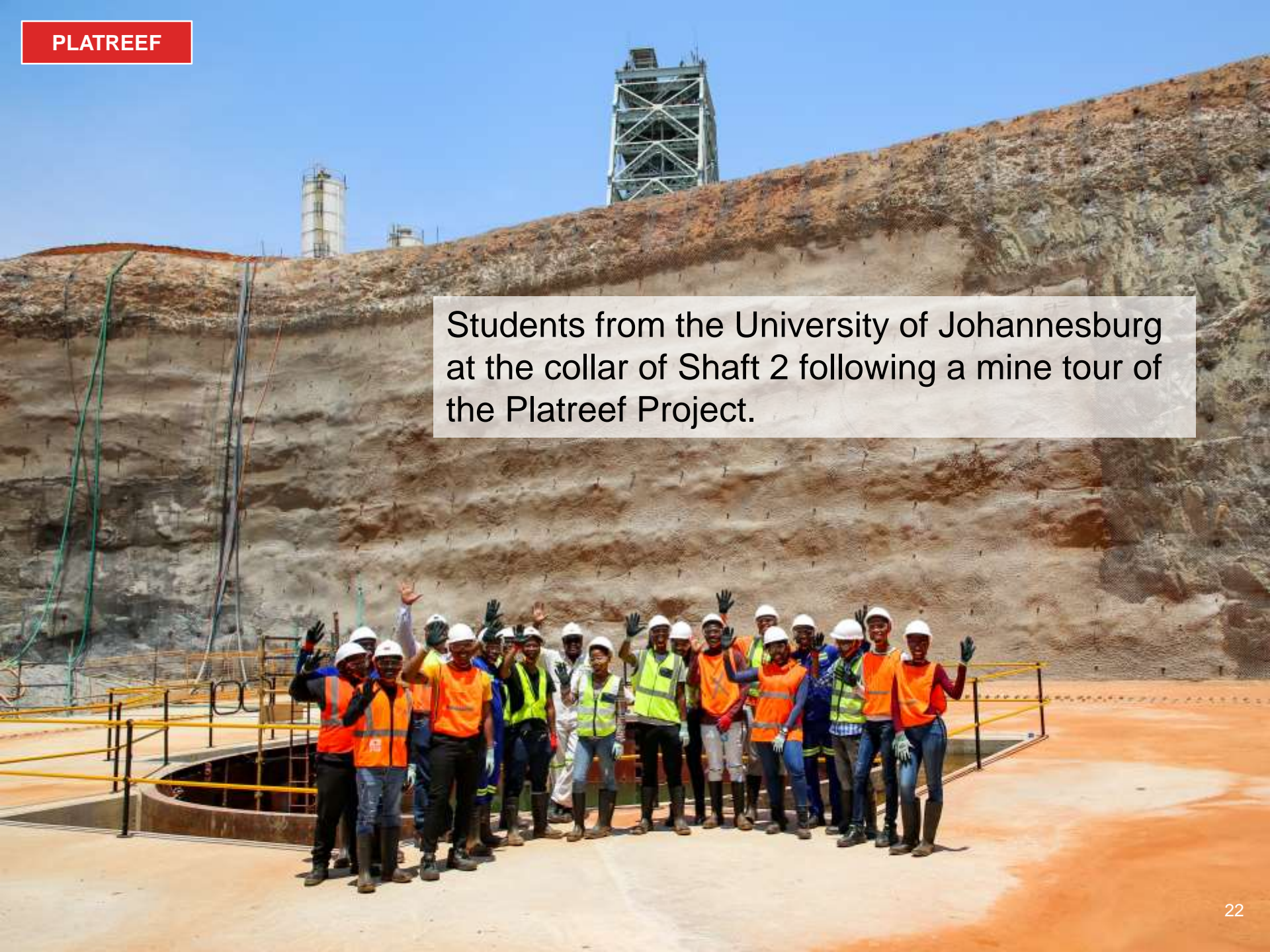
Fabian Fredericks (Geologist) and Raisibe Ntini (Geology Intern) conducting an underground geological inspection.



Lesetsi (Rock Drill Operator) conducting rock scaling following a blast at the 950-metre-level station.



William Makhafola (Ventilation Observer) monitoring air quality coming from Platreef's underground operations.

A group of approximately 18 people, mostly young adults, are posing for a group photo in front of a massive, reddish-brown rock face. They are wearing safety gear: white hard hats, orange high-visibility vests, and some are wearing blue jeans and boots. Many are waving at the camera. To the left, a circular concrete structure with yellow safety railings is visible. In the background, a tall, white, cylindrical structure and a metal lattice tower are visible against the sky. The ground is a flat, reddish-brown surface.

Students from the University of Johannesburg at the collar of Shaft 2 following a mine tour of the Platreef Project.



Ivanplats (Ivanhoe Mines' South African subsidiary) and Aurecon were awarded the IAP2 (International Association for Public Participation) “Members at Large Project of the Year” at the 2019 Core Values Awards for the Bonega Communities Trust project.

As part of its community outreach, Ivanplats established an umbrella trust called the Bonega Communities Trust aimed at promoting local projects and development in partnership with twenty surrounding communities.



Ivanhoe's Kipushi zinc-copper-germanium-silver joint-venture project continues to advance towards production. Click [here](#) to watch a video on the progress.



(From left to right) Ivanhoe Mines' Louis Watum, DRC Country Manager and President of the Board of Directors of Kamoa Copper and Kipushi Corporation; Tony Giardini, President; and Matthieu Bos, Senior Vice President Corporate Development, answer questions from media following meetings with top DRC government officials in Kinshasa on November 21 to provide updates on progress at Kamoa-Kakula and Kipushi.