



Excavation of a surface box cut now underway as part of early-works construction for Shaft 2 at the Platreef Mine in South Africa. Shaft 2 will have a hoisting capacity of six million tonnes a year.

Ivanhoe Mines hosted
the **Official Site Visit**
of the **Mining Indaba conference**
in early February to showcase
our mine developments
in Southern Africa's
legendary mineral fields.

KAMOA-KAKULA

Copper discoveries
& mine development
**Democratic Republic
of Congo's Central
African Copperbelt**

PLATREEF

Platinum-group elements, nickel,
copper & gold discovery
& mine development
**South Africa's
Bushveld Complex**

KIPUSHI

Zinc, copper, silver
& germanium
at upgraded, historic,
high-grade mine
**D.R. Congo's
Copperbelt**



Kamoa-Kakula, DRC – Kakula Mine

International investors inspecting the Kamoa-Kakula Copper Project gather with members of the development team working on the Kakula underground mine and Ivanhoe's management.



Kamoa-Kakula – Kakula Mine



Robert Friedland, Ivanhoe's Executive Chairman and founder (top left), and David Edwards, Geology Manager, Kamoa-Kakula Copper Project, provided an overview of the Kakula Copper Discovery to investors who viewed work in progress at the Kakula underground decline tunnels.



Kamoa-Kakula – Kakula Mine

Christo Marais, Ivanhoe Mines' Head of DRC Operations, showed visiting investors a jumbo drill rig being used to advance development of Kakula's conveyor decline tunnel.



Kamoa-Kakula – Kakula Mine

Ongoing construction of access declines for the high-grade Kakula Mine at the Kamoa-Kakula Copper Project. Underground development has advanced each of the service and conveyor declines more than 200 metres toward the mineralized zone.



Subaru Tsukoka, Senior Manager, Mitsubishi Corporation (left), and David Edwards, Geology Manager with the Kamoa-Kakula Copper Project, beside a symbolic piece of rock from the November 2017 initial blast that marked the start of construction of access declines for the Kakula Mine.



Kamoa-Kakula – Kakula Mine

Members of Kakula's geology team with Guy Muswil, Head of Sustainability with the Kamoa-Kakula Copper Project (centre), and Pierre Olombe, DRC Transport Manager (right), at a drill-core shed near one of Kakula's 10 active drilling sites.



Kamoa-Kakula – Kakula Mine

High-grade drill core, rich in chalcocite and bornite, being prepared for logging and analysis by an Ivanhoe geologist at one of the company's drill rigs operating at Kakula.

An updated Mineral Resource estimate for Kakula, based on drilling completed to the end of December 2017, is expected to be issued later this month.

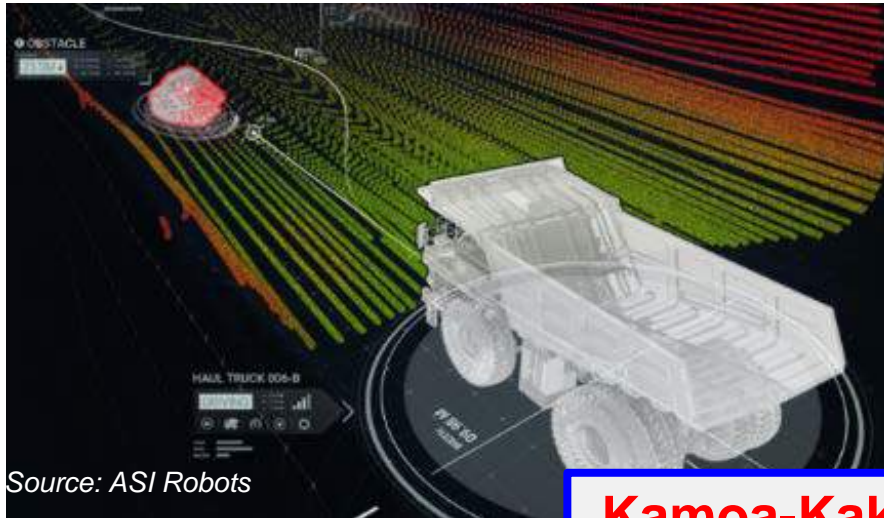


Kamoa-Kakula – Kakula Mine

Kakula geologists (from left) Alain Kyatenga and Maria Mwenya, and mining engineer Sylver Nzam, logging core at the core shed.

Automation is the future of underground mining

Industry is developing self-driving haulage trucks that receive remote commands from a central control room and can detect, and avoid, obstacles that may appear.



**Kamoa-Kakula deposits
are ideally suited
for autonomous mining**



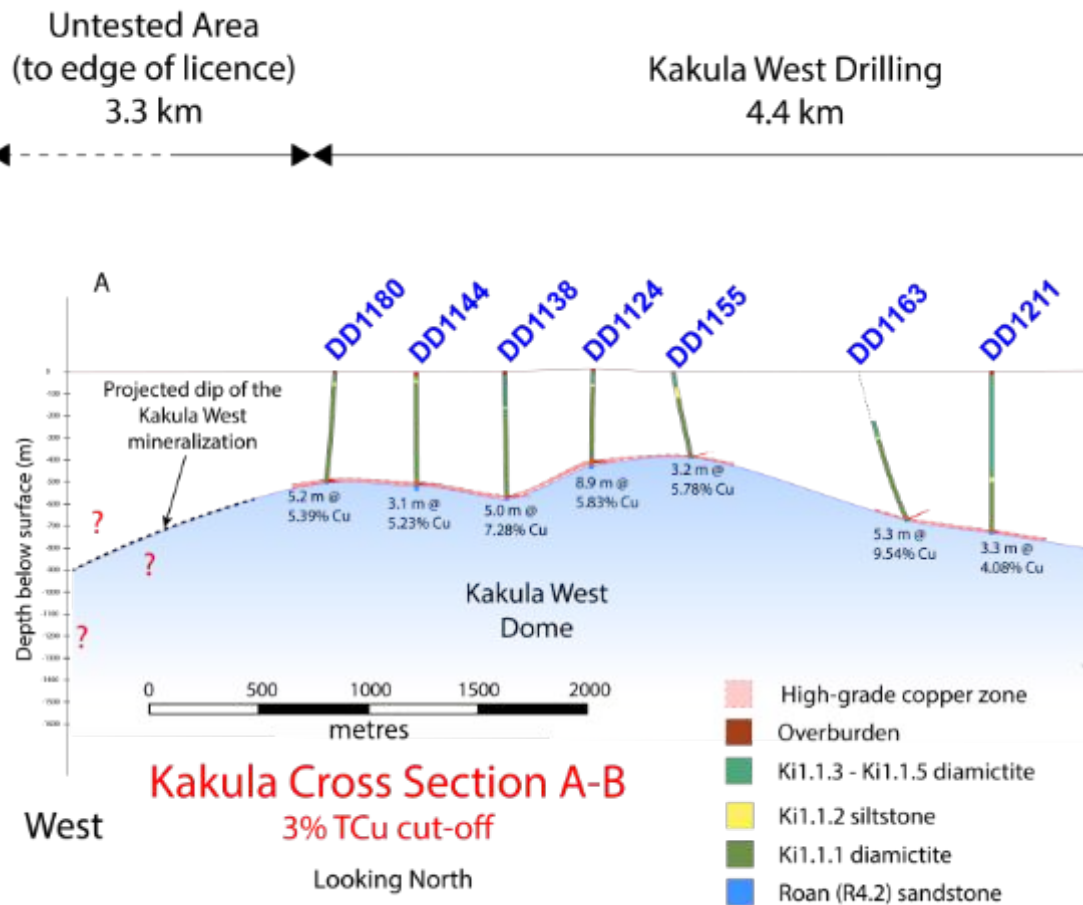
Area of current drilling
to expand to the west

Recent Kakula West
drill holes

Kamoa-Kakula

Aerial view of Kakula West showing current drilling areas.

Drilling continuing to extend the Kakula high-grade mineralized system to the west.

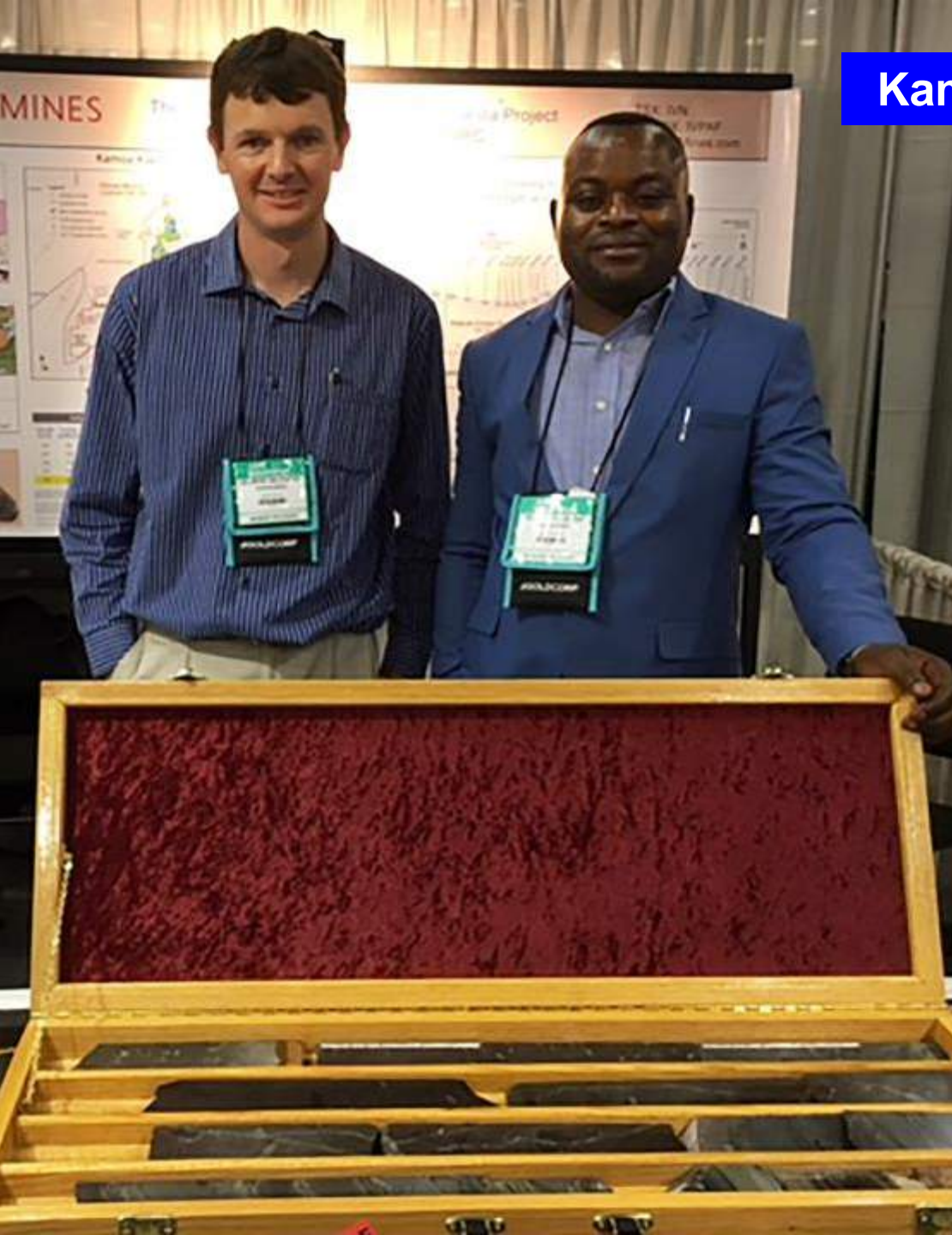




Kamoa-Kakula

A nodule of chalcocite within
an area of disseminated chalcocite
from a recent drill hole at Kakula West.

Kamoa-Kakula



George Gilchrist, Ivanhoe's Mineral Resources Manager (left), and Richard Ilunga, Senior Exploration Geologist, showing high-grade drill core from the Kakula Copper Discovery at Ivanhoe's core shack booth at the AME BC Roundup Conference in Vancouver, Canada, last month.



A seismic vibrator rig, shown arriving on site at Kamoa, will be used in a planned survey of the Kamoa-Kakula licence area. The device creates seismic waves that are sent into the ground to detect key geological surfaces. This will help build a geological framework for the Kamoa-Kakula deposits.



Kamoa-Kakula

Alaini Mukoj, an agronomist with the Kamoa Livelihoods Project, is holding two large eggplants harvested from the garden supplying produce to the Kamoa-Kakula camp kitchen as part of the project's Sustainable Livelihoods Project.

The project, working to help build a sustainable, independent economy in nearby communities, is being implemented by Eco-livelihoods in close collaboration with the Ivanhoe Mines/Zijin Mining community relations department.



Platreef, South Africa

Platreef's Shaft 1, now more than 650 metres below surface, is rapidly advancing toward the top of the Flatreef high-grade deposit. The next shaft-level station will be developed at a depth of 750 metres below surface.



Platreef



Ongoing Shaft 1 development by members of Platreef's shaft-sinking team.



Platreef

Shaft-sinking crew member wiring up explosives before a blast in Shaft 1.



Platreef

Members of the Shaft 1 sinking team preparing to go underground.

The shaft is scheduled to intersect the top of the Flatreef Deposit, at a depth of 783 metres, in the third quarter of 2018.



Platreef

Maintenance work by a Platreef Project employee.

Employees from local communities now comprise about 40% of Platreef's shaft-sinking team.

New employees receive intensive, on-site training for underground mining and complete a workplace-safety induction program.



Above: Aerial view of the excavation site for the 29-metre-deep box cut for Platreef's Shaft 2.

Platreef

Below: Manny dos Ramos, Construction Manager, Concentrator & General Infrastructure (centre), with members of the construction team.





Platreef

Routine inspection of Ivanplats' safety equipment at Platreef.



Children playing and reading at the Lesedi Care Centre for orphans and vulnerable children at Ga-Kgobudi village in Mokopane. Lesedi has been refurbished as one of Ivanplats' community development projects.



Computer lab equipped by Ivanplats at Motshitshi Primary School – one of six Ivanhoe-sponsored schools in South Africa. Ivanplats, Ivanhoe's South African subsidiary, has committed US\$13.5 million (160 million rand) to its Social and Labour Plan over five years, from 2014 to 2019.



Platreef

Local students in a new science lab at Masodi Secondary School, another Ivanhoe-sponsored school.



Kipushi, DRC

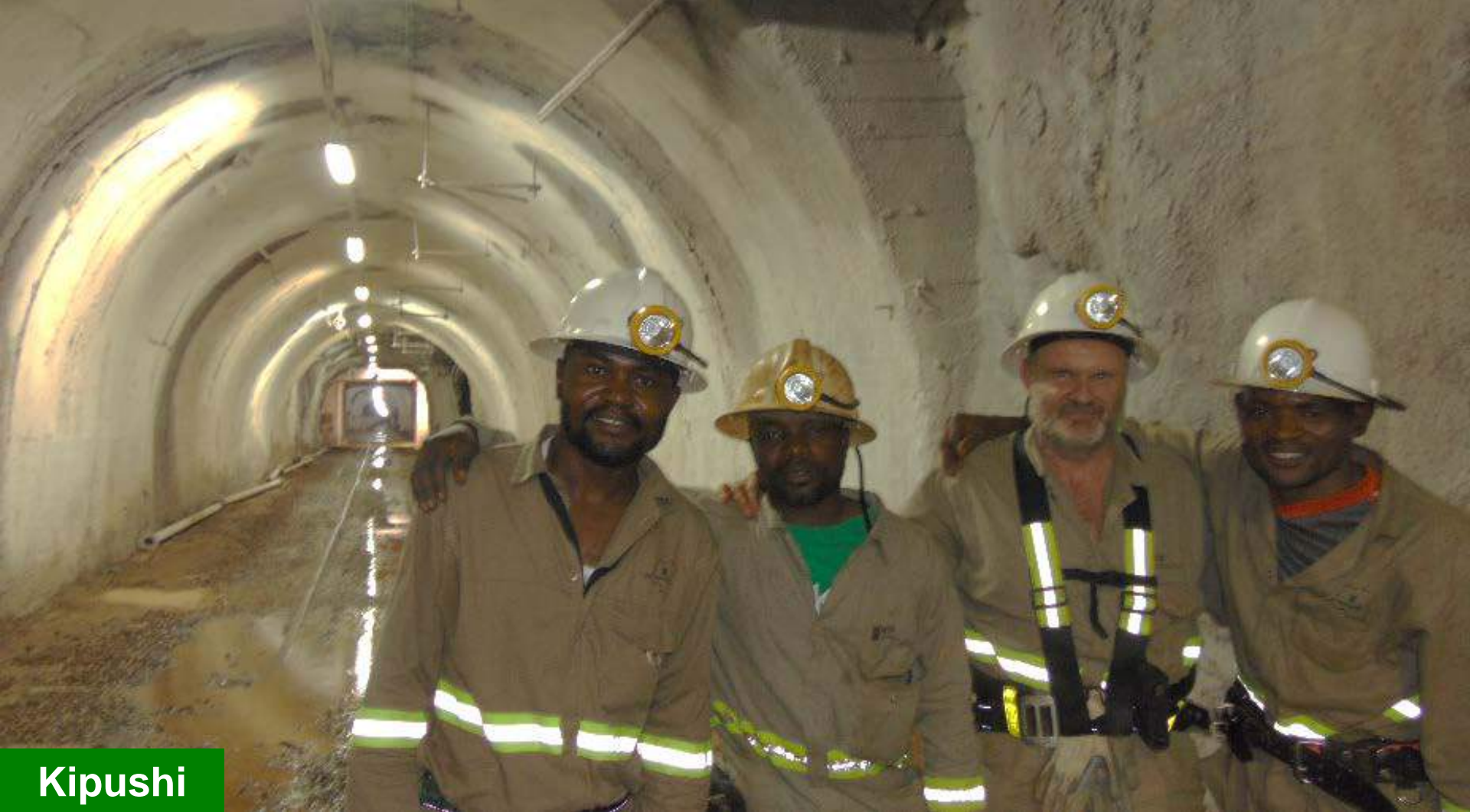


Dr. David Broughton, Ivanhoe Mines' Senior Advisor, Exploration and Geology, delivering a technical talk on the uniqueness of the extremely high-grade Kipushi zinc-copper deposit on the Central African Copperbelt.

Dr. Broughton was one of seven technical speakers in the "Think Zinc!" session at the AME BC Roundup Conference in Vancouver last month. This session highlighted zinc deposits that are ready to capitalize on favourable zinc market conditions.



Kabedi Hayindu, Kipushi Security Supervisor, escorting a group of international investors at the entrance to Kipushi's Shaft 5.



Kipushi

Progress underground at the Big Zinc Zone. Shown at the recently whitewashed 1,200-metre level are (from left) Franck Twite, Project Geologist; Ebondo Mikombe Serge, Operator; Gary Graham, Mining Superintendent; and Mukendi Kabongo Kenny, Mine Construction Superintendent. Whitewashing improves visibility in underground tunnels, improving work efficiency and enhancing safety.



Kipushi

Dan Osachoff, an attendee at a recent site visit, with an underground construction vehicle on Kipushi's 1,200-metre level.



Kipushi

Franc Twite, Project Geologist, showing visiting investors around the Big Zinc, Kipushi's ultra-high-grade zinc deposit.





Kipushi

Ngoy Kisula, Junior Underground Engineer (left), and Tshinkobo Fwamba, Engineering Superintendent, accompanying investors during a recent site visit, standing above the area where the new underground rock crusher will be installed.



Kipushi

Finishing an underground inspection of the Big Zinc Deposit are (from left) Matthieu Bos, Ivanhoe's VP of Corporate Development, Mark Farren, Ivanhoe's Executive VP of Operations, and Andrew Mikitchook, mining analyst with BMO Capital Markets.



Kipushi

Lightning-protection wire being installed on a 6.6-kilovolt overhead power line by contractor, PANACO.

Underground lines deliver power to pump stations that supply drinking water to residents of the town of Kipushi as part of Ivanhoe's community-support initiatives.





Kipushi

Safety induction training for Kipushi's contractors.



Kipushi

Mununga Kashishi, Technician, machining a new motor shaft at Kipushi's workshop as part of the ongoing upgrading work at the historic, high-grade zinc-copper-silver-germanium mine in the DRC's Copperbelt.