



Members of one of Kamoa-Kakula's first-rate mining crews at the Kakula Copper Mine's northern declines. Development at the high-grade underground mines at Kakula and Kansoko continues to proceed exceptionally well. Kakula's underground development is 4.7 kilometres ahead of schedule, with more than 15.4 kilometres now complete.

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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Mine development at  
platinum-group elements, gold,  
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**KIPUSHI**

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

**KAMOIA-KAKULA**



Aerial view of the Kakula Mine showing the tonnes and grade of the pre-production stockpiles. The main declines are in the center of the picture and the processing plant in the upper right corner.



Kakula's development team members hold samples of the gray-coloured, high-grade chalcocite ore on the surface stockpiles. Chalcocite – Kakula's predominant type of ore – is nearly 80% copper by weight.

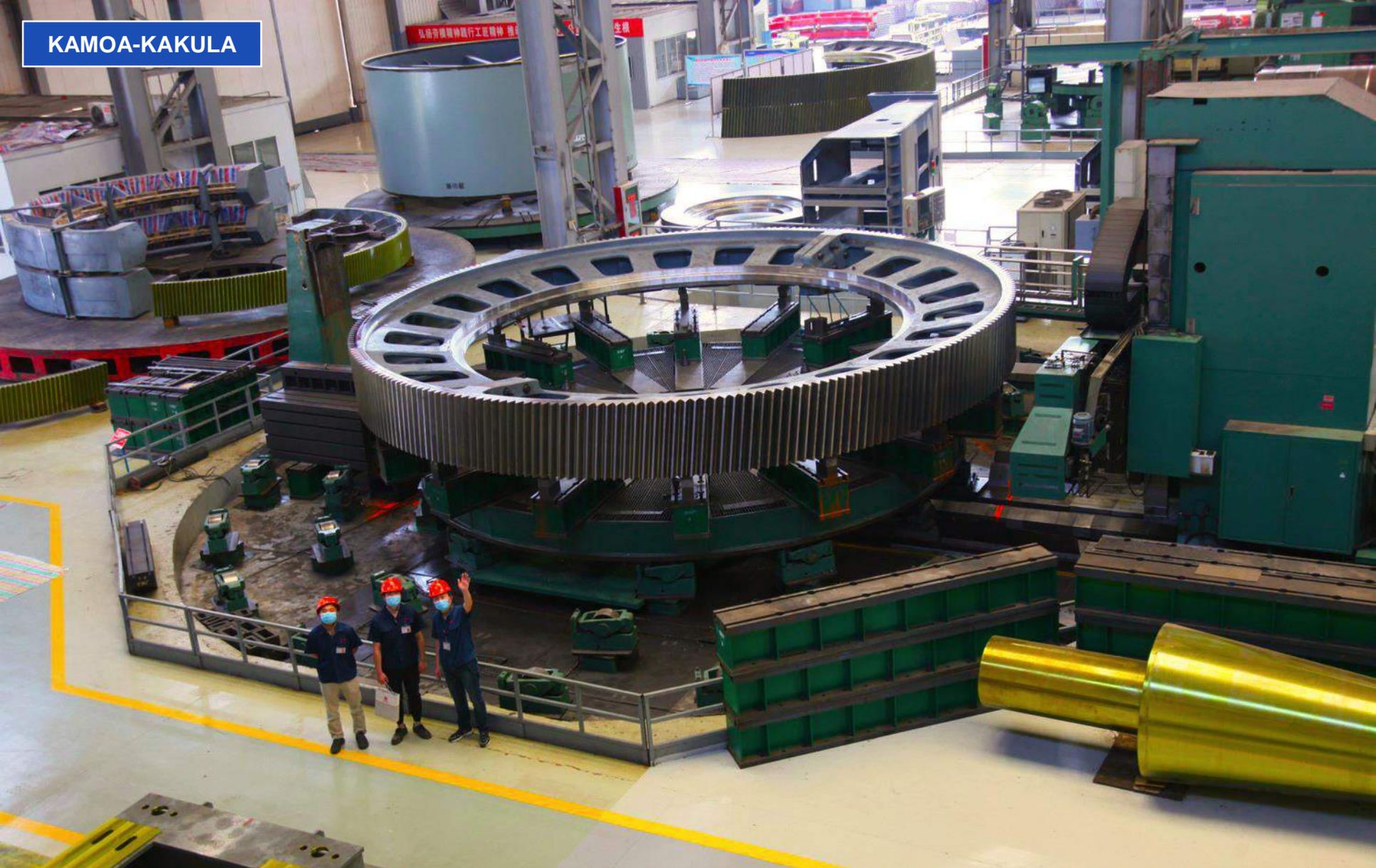
(L-R) Adolphe Kasenga (Assistant Grade Officer), Lucquin Selemani (Assistant Surveyor), Reagan Ngandu (Assistant Surveyor), Donat Kanimu (Assistant Surveyor), Daniel Jila (Data Clerk), Thotho Ngoy (Assistant Grade Officer), Ismael Kayembe (Mine Surveyor) and in the back, Narcisse Kalombo (Dozer Operator).



Installation of the 120-kilovolt / 11 kilovolt electrical substation at the Kakula Mine. Kakula will be powered by clean, renewable hydroelectricity and will be among the world's lowest greenhouse gas emitters per unit of copper produced.



Workers at Shijiazhuang Naipu Pump Company's factory in Hebei, China, showcase a new slurry pump that will be used in Kakula's 3.8 Mtpa processing plant.



New girth gear for the Kakula processing plant's secondary ball mill recently completed at CITIC Heavy Industries' factory in Luoyang, China.



A shell for one of Kakula's two ball mills is ready for shipping from CITIC Heavy Industries' factory. Fabrication of the 32-foot-long ball mills is nearing completion and shipping of the components is underway.



Jeanpy Mpinda, driving a Normet personnel carrier out of the Kakula Mine.



Bob Nawej, Blaster, charging a working face in the Kakula Mine with explosives prior to blasting the rock. Each blast in Kakula's high-grade mining zone produces approximately 550 tonnes of ore.



Jean Claude Mteba, a JMMC Blaster, initiates a morning blast at the south decline. JMMC is the DRC subsidiary of China's leading contract miner JCHX Mining Management.



Tresor Mutamba and Adalbert Mulongoy, members of JMMC's service crew, install service pipes after a blast in the Kakula Mine's primary access drives.



A Sandvik 63-tonne dump truck hauling a load of high-grade copper ore to surface. The high-grade stockpile is projected to significantly expand in the coming months as the majority of Kakula's underground development will be in mining zones grading +5% copper.



Olivier Kadima, a member of the JMMC service crew, in one of access drives being advanced from Kakula's Southern decline.



Cedrick Kole, a Kongo River Technician, compacting the platform at one of the truck tipping bins, part of the underground ore handling system at Kakula.



Kally Mbumba, Mine Geologist, sampling a high-grade working face in the room & pillar portion of the Kakula Mine.



(L-R) Geologists Paul Kazadi and Richard Ilunga, and mining manager, Andre Neumeyer, inspecting a working face at the Kansoko Mine. Kansoko, located at the Kamoia deposit approximately 10 kilometres north of the Kakula Mine, is development ready and currently is being used to train new crews of young Congolese miners.



Members of DRC-based construction contractors, Kongo River, pouring concrete at electrical substation #3 in Kakula's southern decline.



Fitters Abba Masangu (left) and Thithi Isaya (right), servicing an Atlas Copco M2C double-boom, hydraulic drilling rig used for underground tunneling and mining at the Kakula and Kansoko mines.



Team members from DRC-based Kamoia Kakula Construction Company (KKCC), erecting the high-capacity decline conveyor system that will transport copper ore from the Kakula Mine's underground workings to the surface processing plant.



KKCC Construction team members installing conveyor belt motors for the conveyor system that will transport copper ore from the Kakula Mine's underground workings to the surface processing plant.



Gua, a KKCC employee, installing safety components on the conveyor system that will transport copper ore from the Kakula Mine's underground workings to the surface processing plant.



Mardoché Kilwa, a Kongo River employee, levelling a new concrete slab for a support structure for the conveyor belt extension.



Kakula's new ICU ward that was constructed to treat potential COVID-19 patients. To date, there have been no cases of COVID-19 at Kamoa-Kakula or in the DRC's Lualaba Province, where Kamoa-Kakula is located.



A banana plantation near the Kamoa-Kakula Project, which is owned and operated by a local community women's group. The plantation is one of Kamoa-Kakula's initiatives to enhance food security in nearby communities.



Shaft-sinking crew members installing side-wall support meshing in Shaft 1 at a depth of 982.6 metres below surface.



Dries Lombaard (Jumbo Fitter) performing routine maintenance on the six-boom jumbo drill used in shaft-sinking operations.



Jan Mapeka (Geologist) doing geological mapping in Shaft 1. Shaft 1 is nearing its final depth of approximately 1,000 metres below surface.



Ben Komape (Batch Plant Operator) at the control panel for Platreef's batch plant that makes concrete for use in the underground operations.



Thembi Monametjie (Stores Clerk) conducting an inventory of drilling equipment for shaft-sinking operations.



Solly Marakalala (Lampsman, left) issues Mealani Mabunda (Safety Representative, right) a PDS device to warn personnel of the proximity of trackless vehicles.



Adam Cooper (Rock Engineering Manager, far right) conducting an inspection of the boxcut for Shaft 2. Shaft 1's headframe is in the background.



Espadon Ngambwa, electrician, installing an electrical panel for a new Flygt water pump at Kipushi's 700-metre-level.



Mr. Mununga, mechanic, manufacturing spare parts for Kipushi's underground water pumps in the mine's surface workshop.