

Usemi Wetu



BASE TITANIUM

Quarterly Newsletter ♦ Issue 30 ♦ January - March 2021

Operations Update

The 2021 March quarter saw consistent operations with health and safety protocols remaining in place to minimise the risk of COVID-19 to employees, contractors and surrounding communities.

Mining operations continued to plan on the South Dune with 4.7Mt of ore mined at a grade of 3.58% to produce 150kt tonnes of heavy mineral concentrate.

During the quarter 145kt tonnes of HMC was treated to produce:

- 19.4kt of rutile at a recovery of 100%
- 84.2kt of ilmenite at a recovery of 102%.
- 7.4kt of zircon and 516t of low-grade zircon at a recovery of 85%.

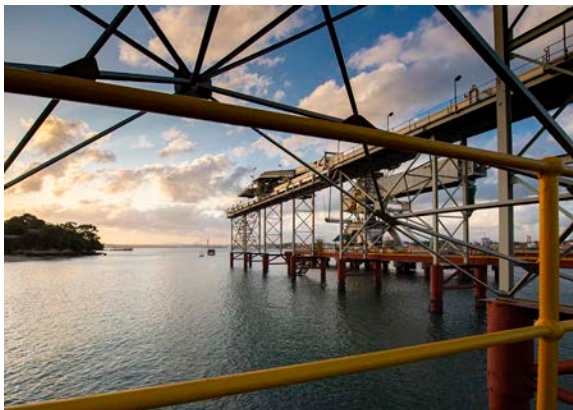
Despite global uncertainty created by the COVID-19 pandemic, demand for all products remained firm during the quarter.

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Bulk loading operations at the Likoni Port facility ran smoothly, dispatching 117kt tonnes of ilmenite and rutile during the quarter. Containerised shipments of rutile and zircon through the Port of Mombasa continued according to plan.



Key Indicator	Unit	Q1 2021
Ore Mined	tonnes	4,695,052
Ilmenite Produced	tonnes	84,178
Rutile Produced	tonnes	19,448
Zircon Produced	tonnes	7,388
Ilmenite Shipped	tonnes	97,179
Rutile Shipped	tonnes	26,074
Zircon Shipped	tonnes	6,612

Rehabilitation

Rehabilitation activities on the mined-out areas of the South Dune increased significantly in the quarter with community groups supplying indigenous legumes, grass seed and manure, and youth groups from local villages employed to assist with slope stabilisation, planting and road clearing.



A community trial plot has also been established on a mined-out section of the Kwale South Dune to demonstrate to local farmers and stakeholders that crops, and trees can be successfully grown in rehabilitated mine soils.



Operations Photo Gallery



Active Mining



Community Health Volunteer first aid training



Mineral storage



Community Development Agreement Committee - public participation meeting



Wetlands restoration



Site visit by Technical and Vocational Education Training Authority



Safety at work



Sand stackers backfilling mined out Central Dune



Mukurumudzi dam spillway



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*Community
Development*

Community Support

Base Titanium continued supporting surrounding communities with health awareness and vocational training as well as educational donations in the form of school desks.

As educational institutions returned to in-school learning, Base Titanium has made efforts to assist primary and secondary schools across Kwale County and Likoni Sub-County by donating school desks and distributing food. A total of 2,900 school desks were donated to 29 primary schools in Lunga Lunga and Msambweni Sub-Counties as tools to enforce social distancing in classrooms. Each school received 100 desks and, as a means to further mitigate the spread of COVID -19, handwashing units. Standard eight pupils in Lunga Lunga Sub-County sitting their Kenya Certificate of Primary Education exams received food stuff donations.

Supported by Base Titanium, Community Health Volunteers provided basic health care support and sensitised over 15,000 households on preventative measures to curb the spread of COVID -19. Furthermore, Community Health Volunteers in Likoni Sub-County received training on handling emergencies including performing Cardiopulmonary Resuscitation (CPR) and other lifesaving techniques.

Our Livelihood Programs continued to empower cotton farmers whom harvested over 17 tonnes of cotton through the Pamba na Viazi (PAVI) Co-operative.



Environment

Conservation, Restoration and Rehabilitation Initiatives

In collaboration with the Kenya Forest Services, Base Titanium is exploring ways to improve existing community led conservation and rehabilitation initiatives.

Discussions have been focused on encouraging community groups adjacent to the Gongoni and Buda forests to engage in nature-based social enterprises. These would result in the Community Forest Associations benefitting from the establishment of tree nurseries and other identified activities.

Talks have been held with the Kenya Forest Services, led by Chief Conservator of Forests, Mr Julius Kamau and Base Titanium's Environment Manager, Nick Okello. The social enterprises will compliment the conservation and rehabilitation work carried out by Base Titanium.

Currently, Base's conservation efforts include the creation of a biodiversity corridor linking the remnant patches of indigenous forest occurring in the mining lease to the existing Gongoni Forest Reserve as well as the restoration of forest patches along the Mukurumudzi Dam shoreline and wetlands in the mining area.





**BASE
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*Health, Safety
& Training*

Skills Development for Employees

Base Titanium is committed to training and offers ongoing programs designed to support employees safely perform their roles in accordance with the Base Way. Our objective is to assist in developing local talent to not only meet our needs but Kenya's future labour requirements through the provision of practical workplace experiences.

Towards the end of March, Base Titanium held talks with the Technical and Vocational Education Training Authority, National Industrial Training Authority and the Kenya National Qualifications Authority, exploring avenues of how to promote and nurture skills to spur industrial and economic development.

The main focus of these talks was the roll out of the Recognition of Prior Learning program for Base Titanium staff based in Kwale County. The program recognises existing work experience, life skills and non-formal learning, provides training for any skills that are lacking and certifies the recipient with a nationally recognised qualification.

Partnerships, such as these, that are centered around training and collaborations in skills empowerment will help transform Kenya's technical training in economic and industrial development.

In addition, Base Titanium will continue to invest over KES 50million per annum on training.



Activities

Attachment Program - Training

Base has welcomed its first intake of interns for 2021.

All trainees receive 3 months on the job training from qualified personnel in various disciplines at Base Titanium. Each trainee is able to practice their chosen trade and gain experience while creating a foundation for their future careers.

Our training programs aim at imparting and nurturing skills, developing local talent to not only meet Base's needs but Kenya's future labour requirements.



Site Visit - Ministry of Petroleum and Mining

In March, Base Titanium hosted Principal Secretary (PS) Andrew Kamau, Director of Mines Mr Raymond Mutiso and a delegation from the Ministry of Petroleum and Mining.

This was PS Kamau's first visit to the mine site.



Site Visit - Multiple Ministries and Delivery Unit

Towards the end of March, Base hosted a second delegation of governmental officials.

PS, State Department of Housing and Urban Development, his Lands counterpart Dr Nicholas Muraguri and Mr Andrew Wakahiu, Secretary, Presidential Delivery Unit were joined by Coast Regional Coordinator Mr John Elungata.

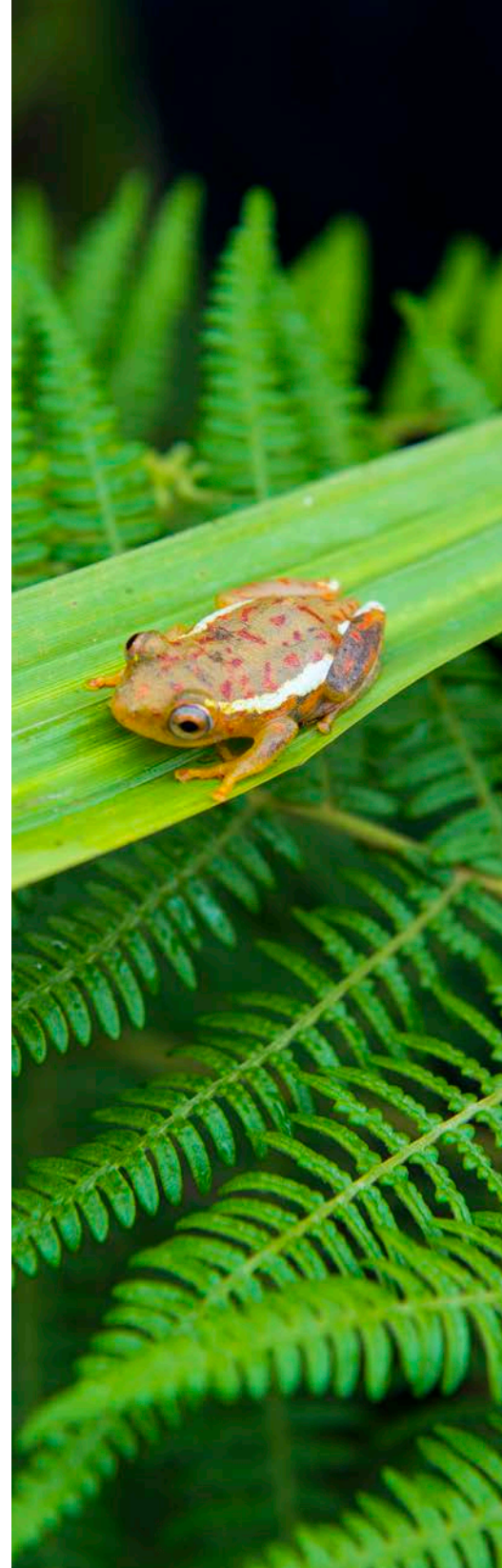
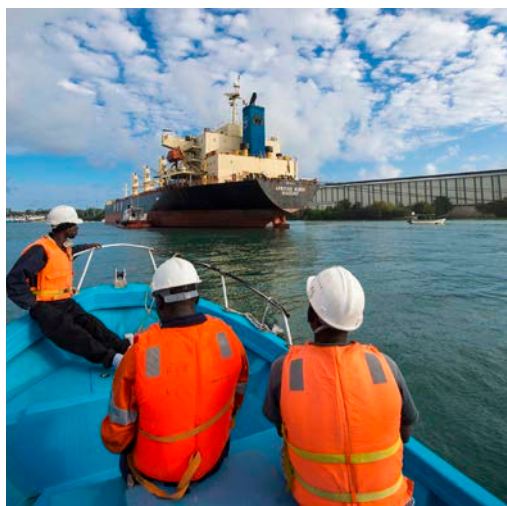
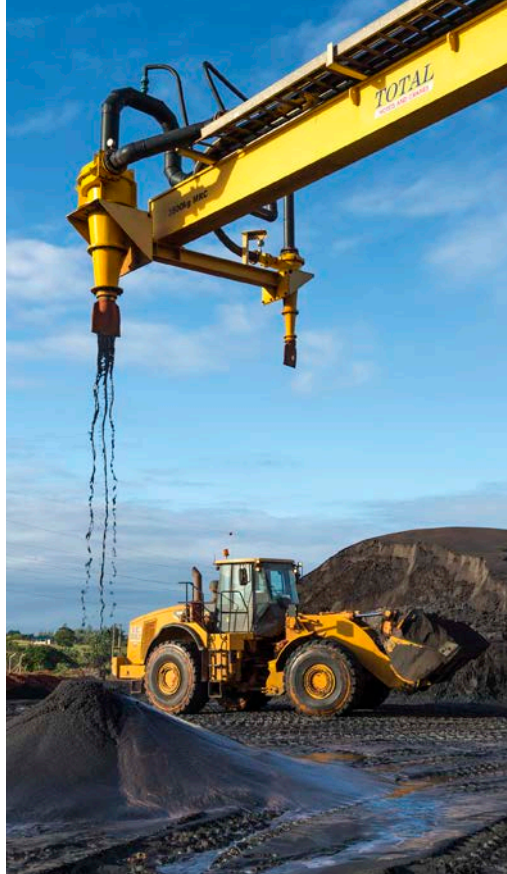
Delegates were informed on Base's operations, environment and community projects.



Exploration - Community Engagement

In March, Base partnered with Transparency International and Kwale Mining Alliance to conduct forums, sensitising the community on Base's exploration programs and their socio-environment impact.





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