

NOVEMBER NEWSLETTER-2019

THE ADVISE AND REALITY TALK FROM THE PROCESS PLANT MANAGER

The plant performed well during the month of November with Nickel metal averaging 8tons and Nickel grade above 10%. The improvement is as a result of the better grade from mining at 0.9%Ni during the month and the enhanced plant availability of the crushing and DMS plant above 90%.



DMS feed was above 35400tonnes second highest since August. This resulted in sustained mill and float performance. The Mintek system controlling the mill and float star is working well and the Process team has focused on the reagents optimization to enhance grade and recovery. The focus for the processing team is zero harm, operational discipline through adherence to SOP, good maintenance tactics and reviews daily production of kPIs. The slogan is simple 10tons Nickel at 10% Nickel. (Michael Musonda)

THE CHIEF EXECUTIVE OFFICER ADDRESSING MINERS ON THE STATUS OF THE BUSINESS



In his address he emphasised on four (4) points. These are;

STAY IN THE GAME: November's performance was good and we need to continue with the same spirit during the month of December.

SPEAK OUT: Management need to know where the issues are so that they can be quickly addressed.

FACE CHALLENGES: The company is going through management restructuring, core models, cost control and management of supplier payments.

STAY FORECAST: Everyone in the business has to know the targets and maintain zero tolerance to accidents.

THE FUTURE OF MUNALI NICKEL MINE LIES IN THE HANDS OF EVERY EMPLOYEE (FOOD FOR THOUGHT PART SIX)

The Munali Nickel Mine has the potential to grow, become world class and stand a test of time. Only if all the employees can adhere to the three important areas.

TEAM WORK

Team work simply means the process of working collaboratively with a group of People in order to achieve a goal. Teamwork is often a crucial part of business as it is often necessary for colleagues to work well together, trying their best in any circumstances.

FORECAST

To tell about or make known (future events) in advance, especially by means of special knowledge or inference. The Process Plant forecast is to treat 51kt of ore at a grade of 0.81%Ni, recovery of 70% with concentrate grade of 10%Ni, the expected Nickel Metal is 277t for December.

TAKING OWNERSHIP

Ownership means you take pride in what you deliver. Ownership means you care about success of the project. You're not just clocking in and collecting a pay check, you're taking responsibility and placing value in the quality of your work. Ownership means you give a damn. (Patrick Zyambo)

GRADE: WHAT IS GRADE? AND WHY IS IT IMPORTANT?

Grade is the term used to describe the amount of metal or the concentration of metal in the mined ore. In simple terms, the higher the metal concentration in the ore, the better for the company, employees and all stake holders. Higher grade means more metal(s) can be extracted from a given amount of rock.



Mining is expensive, so mining ore at higher grade means, more money for less costs. At Munali Mine, we do have areas with high grades of Nickel, in these areas the concentration can be as high as 2.70%, which is very good. However, the amount or tonnage of the high grade is limited, so we need to treat the high grades areas with special care. During mining, the Geological team classifies all the mined ore into 3 grade classes, these are, a) Low grade(LG) with an average grade of 0.52%Tni, b) Medium grade(MG) which has an average grade of 0.88%Tni, and of course the high grade(HG) with has an average grade of 1.28%Tni.

All employees at Munali Mine, have the sacred duty of ensuring that we produce clean ore by avoiding mixing waste with ore by working closely with the Geology team to ensure strict adherence to good grade control practices. - Be a grade keeper. (Laston Mbiri)

THE TAILINGS DAM OF MUNALI NICKEL MINE



Tailings dam is typically an earth-fill embankment dam used to store by products of Mining Operations after separating the ore from the Gangue.

Tailings can be liquid, Solid, or Slurry of the particles and are usually highly toxic and potentially radioactive. Solid tailings are used as part of the structure itself. (Patrick Zyambo)