

# ANALYST & INVESTOR SITE VISIT

Wassa & Prestea  
Operations, Ghana  
November 2017

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GOLDEN STAR



**DUTY OF CARE**

- These responsibilities exist for your own safety and that of your
- Fellow workers. L.L. 2102, Reg. 500
- The employer which should ensure safety for yourself or others or
- Against the environment. L.L. 2102, Reg. 502
- Compliance with safety and health instructions. L.L. 2102, Reg. 502
- Use protective clothing and equipment provided. L.L. 2102, Reg. 503
- Do not misuse or damage equipment. L.L. 2102, Reg. 503
- Responsibility shared and based on instruction. L.L. 2102, Reg. 503

**SAFETY BINS**  
WITH  
THINKING

GOLDEN STAR  
You are now entering a  
EXCLUSION ZONE AND  
You must wear  
hard hat, safety  
goggles

GOLDEN STAR  
• NO LITTERING  
• PUT THE RIGHT WASTE IN RIGHT BIN

# Day 1: Wassa Operations



Wassa Underground Mine Manager, Chris Harmse, briefs the group before the tour of the Wassa Underground Gold Mine.

## Day 1: Wassa Operations



The group visits the new drill bit sharpening area. Drill bits can be resharpened 6 times, which is a cost effective and environmentally friendly alternative to buying new drill bits every time.

## Day 1: Wassa Operations



Golden Star employee Adaline explains to the group about Wassa Underground's ventilation.



Adaline with Golden Star's VP Investor Relations, Katharine Sutton, in front of the ventilation decline.

## Day 1: Wassa Operations

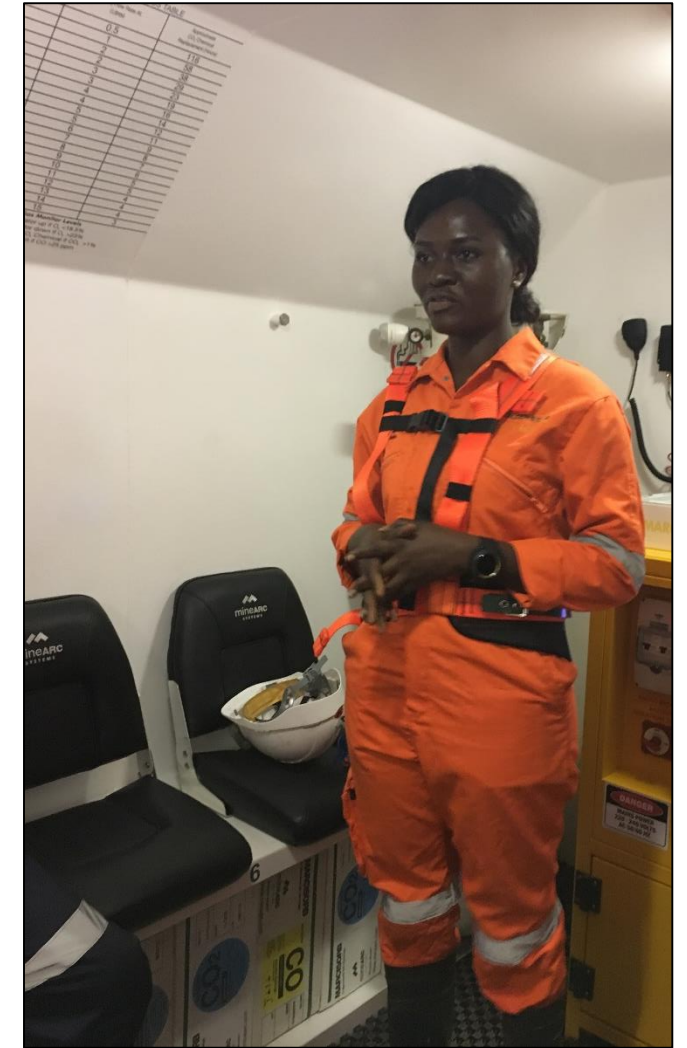


The 15 analysts and investors with Golden Star team members outside of the Wassa Underground portal before the underground mine tour.

## Day 1: Wassa Operations



The group saw how Golden Star prepares for emergencies underground, including seeing the new emergency escape ladder and visiting the refuge chamber.



Golden Star employee Jemima explains how the refuge chamber is operated.

## Day 1: Wassa Operations



The group visited a stope being drilled by a Solo longhole drill and met its operator, Lillian. Lillian is Golden Star's first female Solo drill operator.



## Day 1: Wassa Operations



The group visited a number of stopes within Wassa Underground and learnt about its geology from the mine's Geology Superintendent, Mark Williams.



## Day 1: Wassa Operations



SVP Technical Services & Project Development, Martin Raffield, discusses the near term mine plan and the group look at recently drilled core from Wassa Underground's definition drilling program.



## Day 1: Wassa Operations



The group visited a viewing spot over Wassa Main Pit and were joined by Chief Operating Officer, Daniel Owiredu, and Wassa's General Manager, Shadrack Sowah (not pictured). Production from Wassa Main Pit is going to cease in early 2018 as Wassa becomes an underground-only operation, focusing on higher grade, higher margin ore.

## Day 1: Wassa Operations



VP Exploration Mitch Wasel tells the group more about Wassa's geology as the group visits the core shed.

## Day 2: Prestea Operations



After travelling the 40km by road from Wassa to Prestea, on the second day of the tour the group visited the Prestea Underground Gold Mine. They are pictured here with Prestea's General Manager, Jerry Agala, and other Golden Star team members.

## Day 2: Prestea Operations

Prestea Underground's Project Manager, Kent Shackel, gives the group a tour of the surface operations at Prestea Underground. Katharine Sutton caught up with Shift Boss, Gifty Gandhi, and Ventilation Engineer, Ernestina Gyawu.



## Day 2: Prestea Operations



The group descends 950 metres below surface in the Central Shaft and then travel 1.8km to the ore body in the man carts (pictured below) that are pulled along the tracks by a locomotive.



## Day 2: Prestea Operations

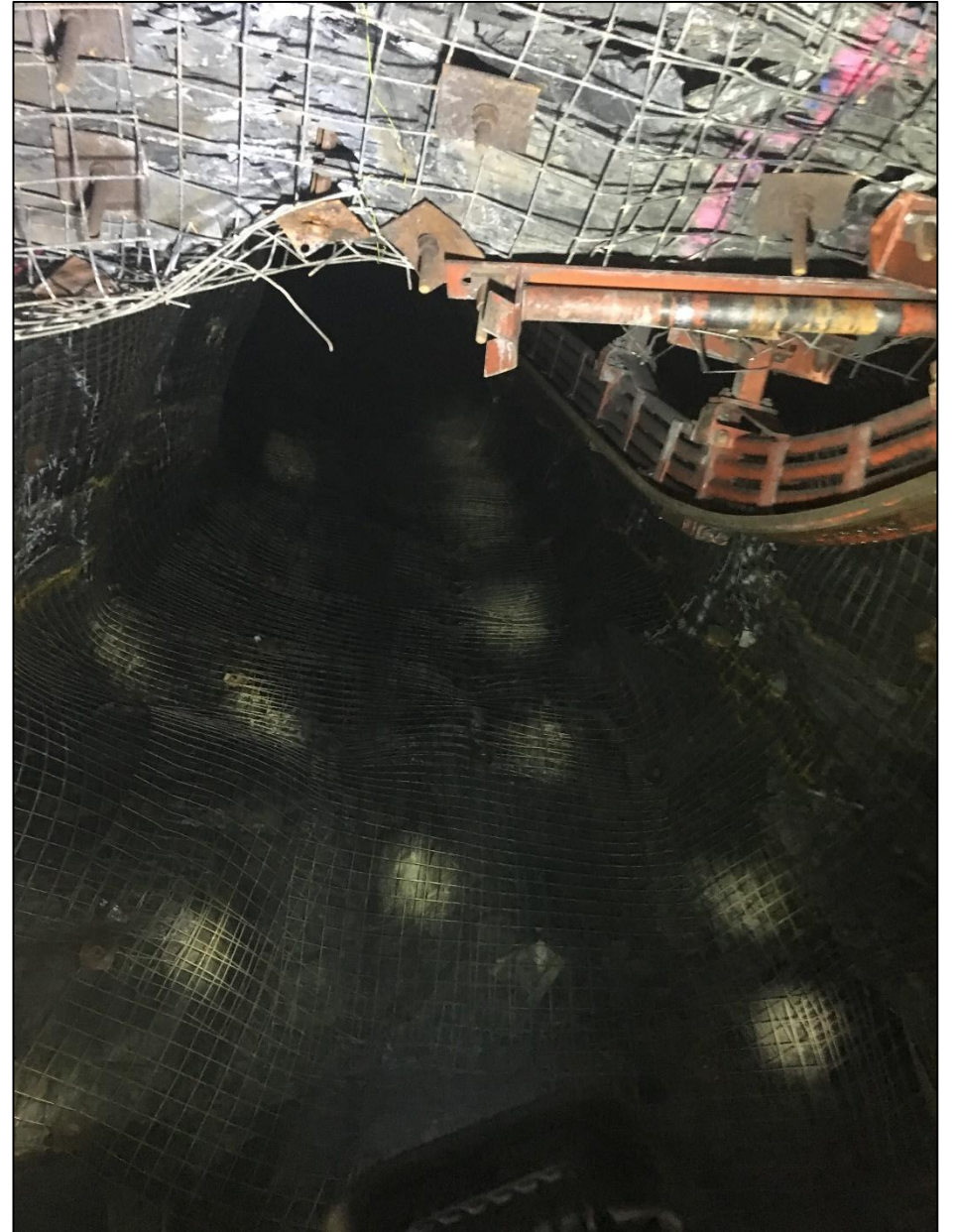


The group visits the first 5 raises, which are in the process of being developed and mined. They are labelled as 'S1, S2, S3...', representing Stope 1, Stope 2, Stope 3...



## Day 2: Prestea Operations

In Stope 2 the group stand in the Alimak nest, close to the bottom of the fully developed raise. In Stope 3 they watch an Alimak leave the nest and climb up into the raise.



## Day 2: Prestea Operations



The group are shown the highly visible veins that make up the Prestea Underground West Reef ore body.

## Day 2: Prestea Operations



The group finishes the site visit with a trip to the Prestea core shed.

