

## XPLOLOG™ UNDERGROUND

### PRODUCT DESCRIPTION

BME knows how important it is to plan and measure the effectiveness of blasts therefore created a mobile data and image capturing solution for underground mines. Information is collected using an Android application running on a rugged mobile handheld device. These devices are easy to use and will sync readings and photos to a centralized database whenever they get in range of a Wi-Fi network.

Management has up to date information through the reporting dashboard. This includes blast preparation progress tracking, post blast audits and incident reporting related to safety as well as equipment breakdowns.

## PRODUCT FEATURES

### DEVICE

Users are equipped with a rugged hand-held device that is suitable for everyday underground use. The Blackview BV6000 is an Android smart device with a 4.7" touch screen. It has a powerful 4500mAh non-removable battery, offering extended usage time compared to similar devices. The device is intended for use under rugged conditions and carries an IP-68 rating, meaning it is guaranteed dust proof and up to 1.5m waterproof.

### SOFTWARE

Rugged handheld devices are configured with the BME XPLOLOG™ Underground application. The touch screen and user input on the device is optimised for underground use, making it simple to record actual measurements and photos of blast preparation progress, actual values of advancements and sockets post blast and incident tracking. The device detects Wi-Fi networks as soon as it is back on surface, and data gets synchronized automatically to the management database, resulting in all users having access to the most recent face information at any point in time.

### DATA COLLECTION AND STORAGE

Each mine is allocated its own centralised database with access to all the field data efficiently collected and stored in one place. Advanced reporting features allows for early detection of breakages or inefficiencies, which allows management to act in a timeous manner. All data is safely stored in a cloud hosted facility, offering dependable and real time access to up to date information.

