

## XPLOLOG™ SURFACE



### PRODUCT DESCRIPTION

BME knows how important it is to gather blasting information in the field so that management can be presented with real-time data to make informed decisions about blast preparation quality. This information, when presented through the XPLOLOG™ reporting applications, allows management to react to problems in the field when they occur, rather than only being aware of problems when there is a bad blast outcome.

Information is collected in the field using a rugged mobile handheld device. These devices are easy to use and will sync data to a centralised database when in range of a data network. Management obtains up to date information through a reporting dashboard, as well as a summary of the data via an Android reporting application, which can be downloaded from the Google Play Store.

The BME XPLOLOG™ system features full integration with BME's BLASTMAP III™ software, allowing users to view and edit XPLOLOG™ designs in BLASTMAP III™, and to sync designs from BLASTMAP III™ to the XPLOLOG™ database. This allows you to use the powerful blasting simulation and design modules in BLASTMAP III™ to further analyse and improve blast outcomes.

## PRODUCT FEATURES

### DEVICE

Users are equipped with a rugged hand-held device that is suitable for everyday field use. 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 dust proof and up to 1.5 m waterproof.

### SOFTWARE

The BME XPLOLOG™ field application is the data collection application which is loaded on rugged mobile devices and is used in the field to capture blast preparation data, such as hole depth, charge mass or stemming. The input parameters can be customised per client. The touch screen and user input on the device is optimised for field use, making it simple to record blast preparation progress.

The BME XPLOLOG™ reporter software is a web-based reporting application, which is designed to intelligently surface data recorded by the XPLOLoggers. It can be customised per site as required by each customer.

The BME XPLOLOG™ Mobile Application is a reporting application which runs on an Android mobile device. This is perfect for management, who need a high-level overview of blast preparation progress at any 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. All data is safely stored in a cloud hosted facility, offering dependable and real-time access to up to date information.

