

WORK AREA MONITOR (WAM™)

WITH A FOCUS ON PROTECTING WORK CREWS AND EQUIPMENT IN WORK AREAS, GROUNDPROBE DESIGNED THE WORK AREA MONITOR (WAM™)

Built onto a mine vehicle to allow easy driving access to work areas, the WAM™ is quick to set up and easy to use. When wall movement is detected, the WAM™ transmits visual alarms and audible warnings to each crew member via their Personal ALerting (PAL) devices.



IDEAL FOR USE BY PRODUCTION AND DRILL AND BLAST CREWS

WITH THE ABILITY TO DETERMINE WHEN A WORK AREA IS SAFE FROM POTENTIAL BENCH OR SLOPE FAILURES, THE WAM™ IS IDEAL FOR USE BY PRODUCTION AND DRILL AND BLAST CREWS

- Developed to monitor work areas
- Used to warn personnel of wall movement
- Designed to be highly mobile and operational in minutes
- All crew members alerted with lights and personal alerts
- Reduces post-blasting production delays

“
Every mine in the world should think really seriously about having one of these.
”

John Simmons
Sherwood Geotechnical
and Research Services

ADVANCED ANALYSIS CAPABILITIES



THE WAMONITOR™ SOFTWARE ALLOWS WORK CREWS TO CONFIGURE, ANALYSE AND INTERPRET SLOPE MOVEMENT DATA FROM WITHIN THE WAM™ VEHICLE

The WAM Analysis Pack™ is available as an additional suite of tools for Geotechnical Engineers or Geologists to remotely analyse slope movement data and alarm events.

Combined, the advanced analysis capabilities of the WAM™:

- Allows remote access to view and assess slope movement and set alarm parameters
- Helps users to create custom reports documenting analysis and slope movement behaviour

WAM™ AT A GLANCE



OPERATIONAL SPECIFICATIONS:

Angle of view:

Azimuth: 110°

Elevation: 48°

Communications:

Standalone system or integrated wireless link or connect to mine network*

Operating range:

30m to 300m

* With WAM Analysis Pack software

Power supply:

In-built 12 Volt DC vehicle alternator / batteries or connect to mine power (100-250 Volts AC at 50-60 Hz)

Detectable area:

At 30m detects a 0.9m x 0.9m failure

At 300m detects a 10.5m x 10.5m failure



ENVIRONMENTAL:

Altitude: 0 to 5,000m

Humidity: 5% to 99%

Rainfall: 0 to 100 mm/h

Temperature: -20°C to +60°C

Wind speed: Up to 75 km/h



THE WAM™ SCANS
WORK AREA SLOPES
FROM CLOSE
PROXIMITY, WHILE
LOOKING UP FROM
THE PIT FLOOR

