



GNSS Technology At a Glance



Base Station
Positioned strategically for extended coverage (15-20km range)



RTK Receiver
Real-time kinematic accuracy within the cab (2cm accuracy)



Dual Antennas
Front and rear placement for optimal signal reception

Powered By Trimble

Enhanced Plan Compliance and Grade Control with GroundHog's High-Precision Solutions

Welcome to the forefront of mining innovation, where the quest for better Ore Quality and stringent plan compliance is redefined. GroundHog's cutting-edge technology seamlessly integrates GNSS receivers to ensure 2cm accuracy and enhance ore quality and plan compliance significantly.



GNSS-Guided Drill Operations

GroundHog's solution guides drill operators to precise locations for drill holes, providing real-time depth and elevation guidance.

Digging Within Grid for Better Ore Quality

Ensure digging operations stay within the grid, enhancing ore quality by aligning each excavation precisely with specified coordinates.

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www.groundhogApps.com

Real-time Data and Analytics

Utilize high-precision GNSS and Digger load cells to gather real-time data and analytics, empowering operators to make informed decisions.



Operational Benefits

Improved Ore Quality

Elevate ore quality by drilling with unmatched 2cm precision, ensuring that every extraction aligns precisely with your plan.

Reduced Waste, Increased Recovery

Get alerted when the bucket is out of the planned dig block, minimizing waste and maximizing ore recovery. The material loaded is tagged with the correct grade for proper routing.

Enhanced Safety and Traffic Flow

Alerts for digging below bench height reduce the need for continuous bench leveling, improving traffic flow and ensuring a safer working environment.

Automatic Hang Time Tracking

Dig sensors automatically track hang times, allowing for efficient monitoring, with manual override capabilities when required.