

GT RAB DRILL

Soil Sampling | Drone Survey | DC Resistivity & IP | | GT Probe | GT RAB Drill | Commitment to Responsible Discovery

GroundTruth
Exploration

HIGH POWER, HIGH PRODUCTION, HIGHLY MOBILE

TACTICAL DRILLING

Ground Truth's RAB Drill is a Rotary Air Blast, down the hole hammer drill. It is mobile on rubber tracks.

HIGH PRODUCTION

Up to 100m in a 12 hour shift

ANGLED HOLES

-45° to -90°

FAST SETUP

No pad required, No water required

LIVE DATA

Onsite XRF available to guide drilling program



The GT RAB Drill is a remotely controlled tracked platform with an onboard air compressor, tilting mast and rotary drill head. The RAB Drill has 10645 cm² (1650 inches²) of track coverage with less than 2.1 psi ground pressure allowing it to be extremely versatile and low impact in the field. The entire unit is powered by a 44hp Turbo charged Kubota diesel engine and is completely air/hydraulically operated.

GT RAB Technical Specifications

- Length: 2.5m (96")
- Width: 1.25m (50")
- Height: 1.20m (48")
- Weight: 1540 kg (3400 lbs)
- Pull Back Force: 7350 kg (16,200 lbs)
- Onboard Air Compressor: 150cfm @ 175psi
- Working Angle: -45° to -90°
- 2.1 psi ground pressure
- 60hp Turbo Charged Kubota
- Wireless Remote Driving Capability
- 2 sling loads with Astar Helicopter

Tooling

- Diameter of bit: 90mm
- Drill rod length: 1.5m
- 50m capacity in rod basket
- 1 sling load with Astar Helicopter



The track mounted GT RAB Drill with onboard air compressor is designed to drill a cased hole into bedrock with depths up to 30m with varying angles ranging from -65° to -90° degrees. Structurally defined targets can be quickly identified using this method.

When deeper holes are required, a larger stationary air compressor is brought onsite providing the capability of drilling up to 100m in depth with varying angles ranging from -45° to -90° degrees. The larger air compressor is attached to the GT RAB Drill using lengths of air hose allowing for a 500m radius to be drilled around the compressor eliminating the need of



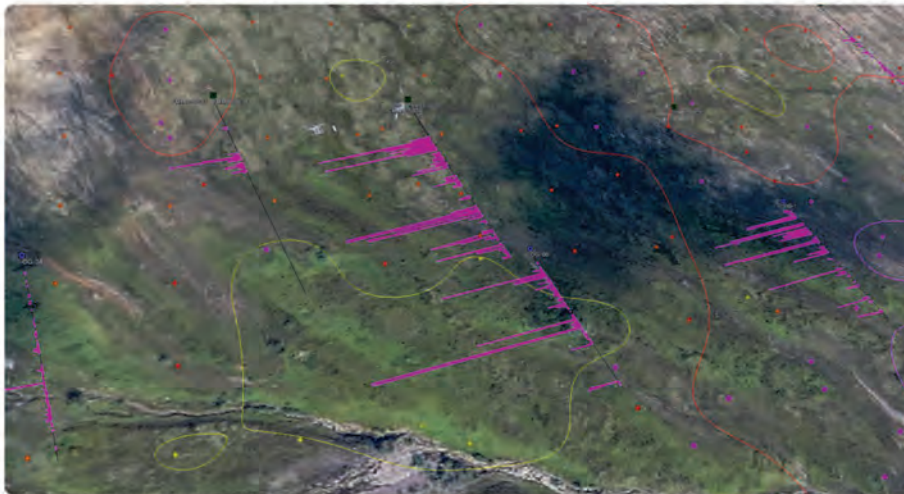
TWO OPERATING MODES

1. LIGHT RAB

Using onboard VMAC compressor
Multiple short holes per day
Up to 30m depth in multiple close proximity holes

2. DEEP RAB

With additional 300/200 compressor
One hole per day
Up to 100m depth



RAB DRILL RESULTS IN GOOGLE EARTH LAYED OVER DRONE IMAGERY AND SOIL SURVEYS

Each drill hole is cased from surface into bedrock. The average sample weight is 8000gr/m after splitting. Rock chip sample size is 6.35mm – 9.5mm and is analyzed by our onsite XRF technician.

Each sample location is surveyed by DGPS. Daily data collected is sent nightly via satellite internet to our main headquarters and then available for the client the following day.



T: 867 993 5612 F: 867 993 5617
info@groundtruthexploration.com
www.groundtruthexploration.com