# **NaviLIM**

## **GNSS High precision Drill positioning system**



**NaviLIM** helps the operator to position the drilling tool with a very high accuracy on the intended location of the borehole whether it is vertical or inclined

#### **Performances:**

- ✓ Accuracy vertical mast < 5cm (0.2");</li>
   ✓ Accuracy inclined <5cm (0.2");</li>
   ✓ Azimuth accuracy: 0,20°;
   ✓ Drilling angles accuracy<0,15°.</li>
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## Blast design:

✓ IREDES & CSV files;
✓ WGS84 coordinate system.

### **Necessary equipment:**

- ✓ GPS RTK reception double antenna (spacing 1m/ 3.3ft minimum) at the top of drill cab & CANBUS interface box.
- ✓ Fixed base antenna emitting the GPS RTK correction on site (quarry, mine, construction site).

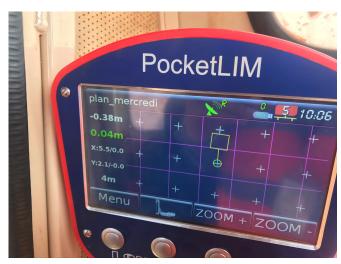
NaviLIM works with GPS and GLONASS satellite systems.



Fixed base antenna emitting the GPS RTK correction on site.



PocketLIM: NaviLIM display with the boreholes site plan (crosses) and position of the drilling bit & machine (in yellow)



GPS RTK reception double antenna (spacing 1m/ 3.3ft minimum) at the top of drill cab & CANBUS interface box.



