

5 KEY POINTS

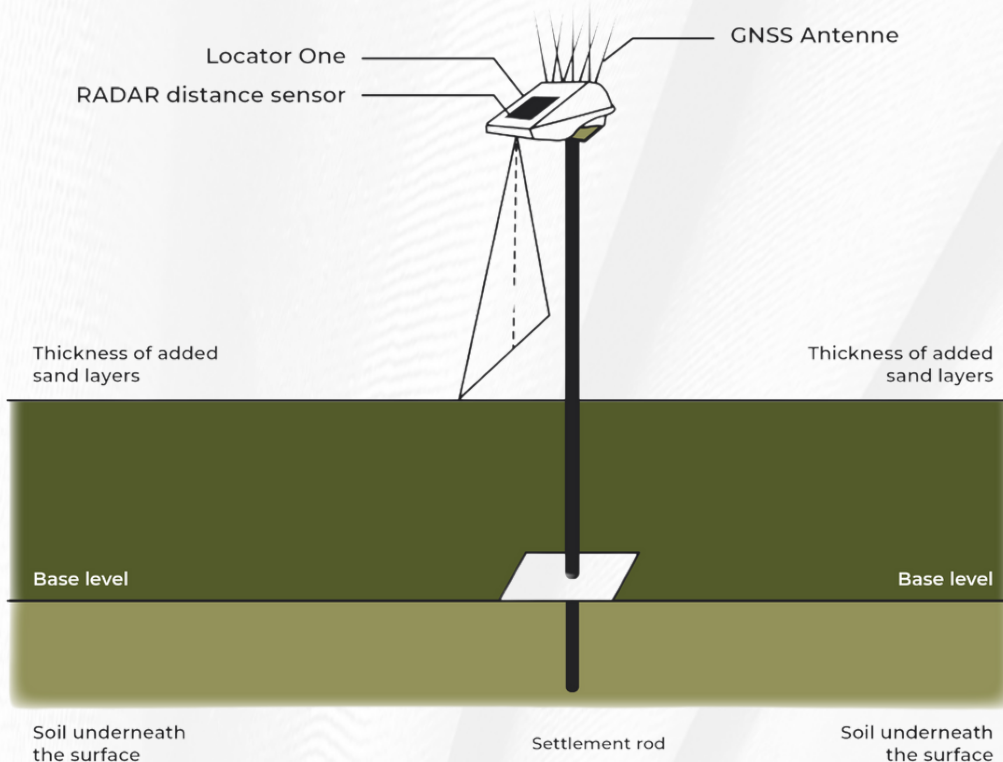
To maximize the efficiency and accuracy of settlement rod measurements with the Locator One

DIMENSIONS OF THE SETTLEMENT ROD

- **Standard length:** 2.00 meters.
- **Mounting Plate Size:** Use a 12x12 cm plate for Locator One, maintaining a 10 cm bolt distance.
- **Optimal Plate Size:** Ensure a precise 12x12 cm plate to avoid radar reflection and maintain measurement accuracy.
- **Automatic ARP Correction:** Parvamoti system adjusts ARP to rod top for precise measurements.

INSTALLATION

- Place the Locator One according to the installation video and instructions.
- Take into account the radar sensor and realize what it will actually measure on the surface.
- Secure the bolts and locknut firmly.
- Optionally, use the security sleeve and padlock for added protection.



SETTLEMENT ROD



5 KEY POINTS

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CREATE OPTIMAL MEASURING CONDITIONS

- **Sky Visibility:** Ensure a clear sky with a 10-degree angle for GNSS reception to enhance results.
- **Distance from Soil:** Maintain a minimum 50cm distance between Locator One bottom and soil level for optimal radar measurements (range: 0.40 to 4.00 meters).
- **Ground Levelling:** Level the ground under the radar sensor to prevent interference from vegetation or uneven surfaces.
- **Data Filtering:** In Parvamoti, utilize weekly averages to minimize spikes and enhance data accuracy.

EXTENSIONS AND PROCESSING

- Extensions of 1.00 and 2.00 meters are automatically recognized and processed by Parvamoti .
- Monitor and control lengths displayed in Parvamoti through the Projects section.
- Refer to the installation video/instructions for guidance on extending settlement rods and (re)installing the Locator One.

SECURITY MEASURES

- Prioritize prevention by ensuring proper installation and visibility of the Locator One. Protect against potential damage from vehicles by:
- Adding tape around the rod target.
- Using a yellow security sleeve for enhanced visibility and contrast.

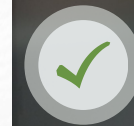
EXTENSION OF 1 METER



ADD TAPE AROUND THE SETTLEMENT ROD



SECURITY SLEEVE



SURFACE IS NOT FLAT

