

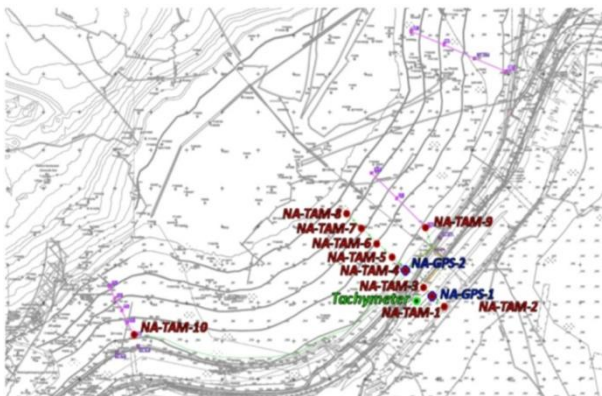
# Monitoring of slope stability at former open pit mine in Nachterstedt

**Customer:** LMBV mbH

**Job definition:** Geodetic movement monitoring of endangered slope areas on the territory of former opencast Nachterstedt

**Services:**

- Planning, installation and operation of an automated monitoring system for monitoring a former open pit slope
- Implementation of a combined measurement method using GNSS and total station
- 2 x Leica GNSS receivers
- 1 x Leica TM 30 (0,5") total station incl. numerous prisms installed on the slope
- Meteo sensors (air pressure, temperature)
- Automated data transfer, storage and web visualization with DMT SAFEGUARD
- Implementation of an early warning and alert system
- Detailed reporting for conservation of evidence



Measurement network – total station and GNSS points



Object point – GNSS antenna, total station prism and communication unit



Total station in weatherproof housing

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