

VERTICAL/NORMAL BASED MEASUREMENTS

Vertical Based Measurements Include:

- **Measurements referenced to the plumb line.**
- **Instruments which have a level vial or automatic compensator.**

Normal Based Measurements Include:

- **GPS results:**
 1. **Static relative position.**
 2. **Single instrument absolute position.**

How should the following be categorized?

- **Photogrammetric mapping results.**
- **EDM Distances.**

In what way is choice of mathematical model influenced by environment of the measurements?