

# INCLINOMETER METHODOLOGY

## MODEL 7040

MS7040-01

The Geotechnical Systems Australia Pty Ltd [Inclinometer Casing](#) is used as access tubing for the traversing biaxial inclinometer probe. The readings from this probe can be used to measure displacements relating to landslides, dam-walls, pilings and other large-scale excavations.

## MANUFACTURE AND SUPPLY

Geotechnical Systems manufacture the Inclinometer Casing. Casing is held in stock in boxes of twelve. Most orders can be supplied direct from stock. Should the order be in excess of our standard stock level then Geotechnical Systems will prepare an acceptable schedule of deliveries in consultation with the client to suit the construction program. Inclinometer casing is supplied by nominated courier or delivered to site by Geotechnical Systems staff. The casing is manufactured to a high tolerance, however for deep holes a spiral survey should be carried out. Geotechnical Systems is a Quality Endorsed Company conforming to AS/NZS ISO 9002:1994 and AS/NZS ISO 9001:2000.

## INSTALLATION

### Borehole

The borehole size should be established prior to ordering to ensure the correct fit. Holes should be blown out free of debris prior to installation.

### Installation

The installation of Inclinometer Casing should be carried out in accordance with the Model 7040 Inclinometer Installation Manual.

### Protection

Once the installation of the inclinometer is complete the hole may be protected by a Model 8012 Well Cover and mass concrete surround.

## COMMISSIONING

Geotechnical Systems will commission instrumentation in the presence of the client's representative. Training will be given in the use of the equipment as required. A record of all installation data will be kept and provided to the client after commissioning is complete.

## WARRANTY

All Geotechnical Systems products are warranted for a period of 3 months from date of supply.



**Quality  
Endorsed  
Company**

ISO 9002 Lic 4022  
Standards Australia

**GEO**TECHNICAL SYSTEMS AUSTRALIA PTY. LTD.

Specialists in Geotechnical Instrumentation

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