



Classification of subsurface utility information

Part 1: Subsurface utility information



AS 5488.1:2019

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- Energy Networks Australia
- Engineers Australia
- Geospatial Information & Technology Association
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Preface

This Standard was prepared by Standards Australia Committee IT-036, Subsurface Utility Engineering Information.

The objective of this Standard is to provide a framework for the consistent classification of information concerning subsurface utilities for the management of subsurface utilities. This Standard focuses on the classification of Subsurface Utility Information (SUI). AS 5488.2 provides guidance on the management of subsurface utilities, as referred to by Subsurface Utility Engineering (SUE).

This Standard also provides guidance on issues such as how subsurface utility information may be obtained (refer to AS 5488.2), and how that information should be conveyed to the information users. This Standard also recommends, through the adoption of Quality Level A, the absolute positioning of subsurface utilities in three dimensions, as an improvement upon the current widely adopted method of relative positioning.

NOTE In countries prone to natural disasters or terrorist attacks, absolute positioning has a major advantage in locating subsurface utility assets and infrastructure after such an event.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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