

COST EFFECTIVE SLOPE STABILISATION



Major earthworks for extensions at the Douglas Green winery in Wellington, produced some 4m high vertical cut faces in solid clay. The engineer in consultation with Terraforce, designed the following solution.

All slopes were cut back to a 45° angle, a concrete filled toe wall of Terraforce blocks installed and Terrafix 150 packed on the slope at 7 blocks per sq.m. Ground anchors were installed at 2m centres in both directions and the blocks filled with topsoil.

Hardy feature plants were planted in panels of mixed variety and an irrigation system installed. Since the site is not waterlogged, only a cut-off drain was installed at the top of the slope.

Consultant : Dr Villiers & Hulme.

Contractor : Baleka Constrution.

