VETIVER GRASS SYSTEM FOR LANDSLIDE REHABILITATION WITH GEOFABRICS

Dr. Paul Truong

Director, Vetiver Network International

Brisbane, Australia

www.vetiver.org
Landslide after heavy and prolong rain at Samford Valley, Brisbane, Australia
Front slope
Front slope with gradient varies between 1:1 and 2:1
Front slope with gradient 1:1
Front slope (1.5:1) covered with jutemesh geotextile
Planting on front slope with Vertical Interval 1m - 1.5m
Planting on front slope with Vertical Interval 1.5m
Planting on front slope with Vertical Interval 1m
Planting on front slope with Vertical Interval 1.5
Side slope with gradient varies between less than 1:1 and 1.5:1
Side slope under jutemesh

>1:1
Side slope with gradient of 1.5:1
Planting on side slope with Vertical Interval 0.8m
Planting on side slope with Vertical Interval 0.8m
Planting on side slope with Vertical Interval 0.8m (upper slope) and 1m (lower slope)