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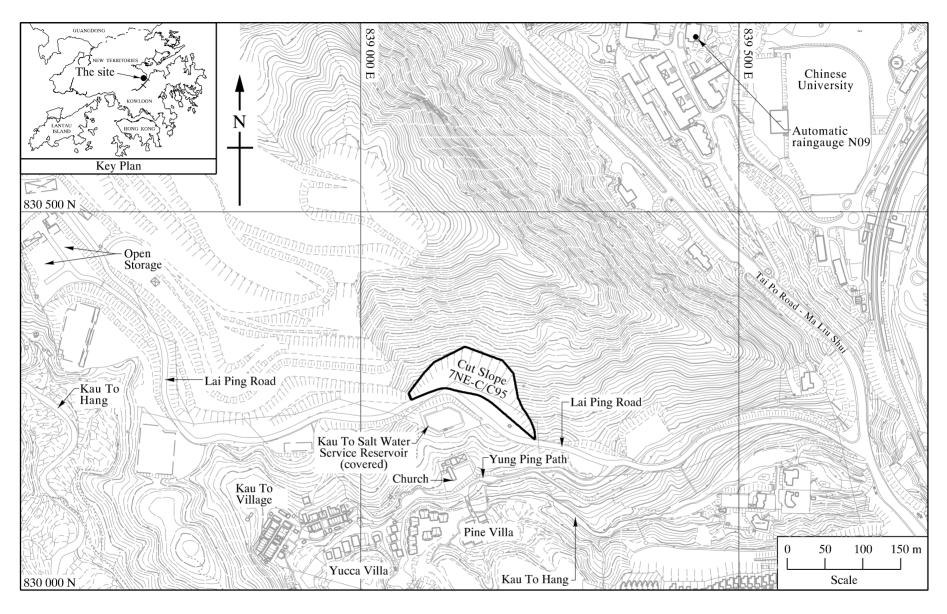


Figure 1 - Site Plan

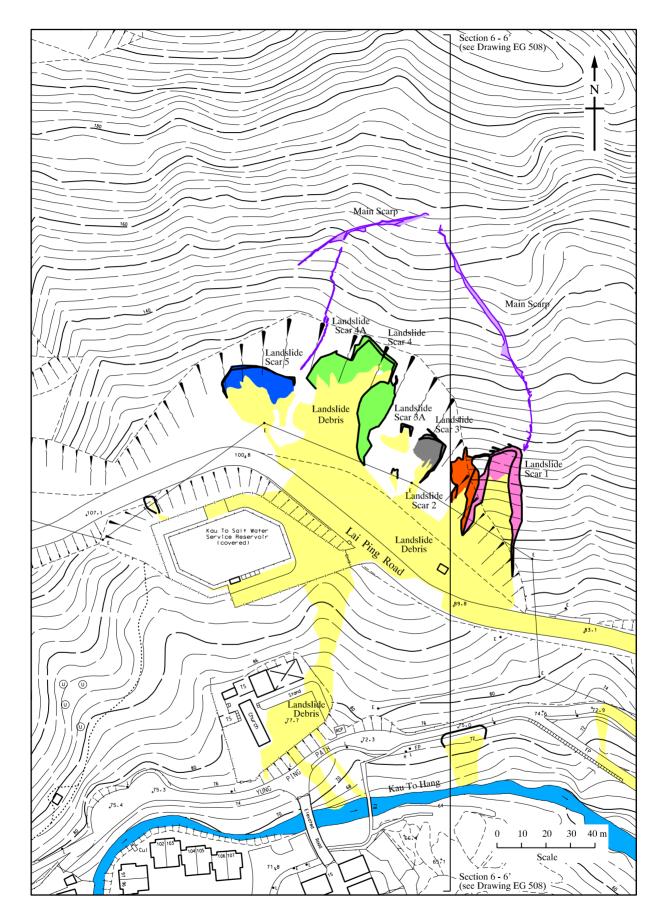


Figure 2 - Plan of the Landslide

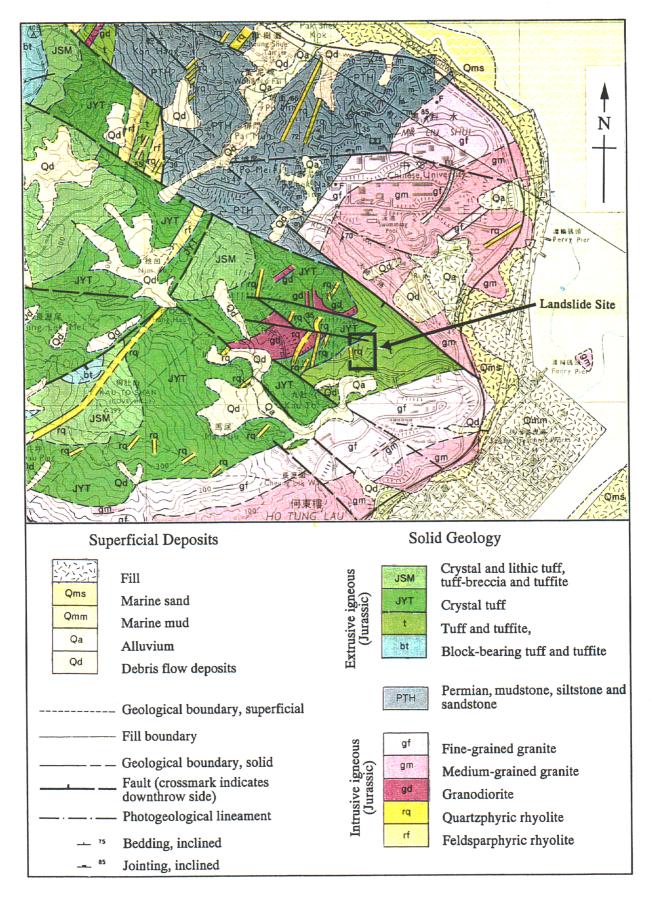


Figure 3 - Geology of the Landslide Site as Shown on Part of the Hong Kong Geological Survey Sheet 7 (Sha Tin, 1:20 000-scale; GCO, 1986)

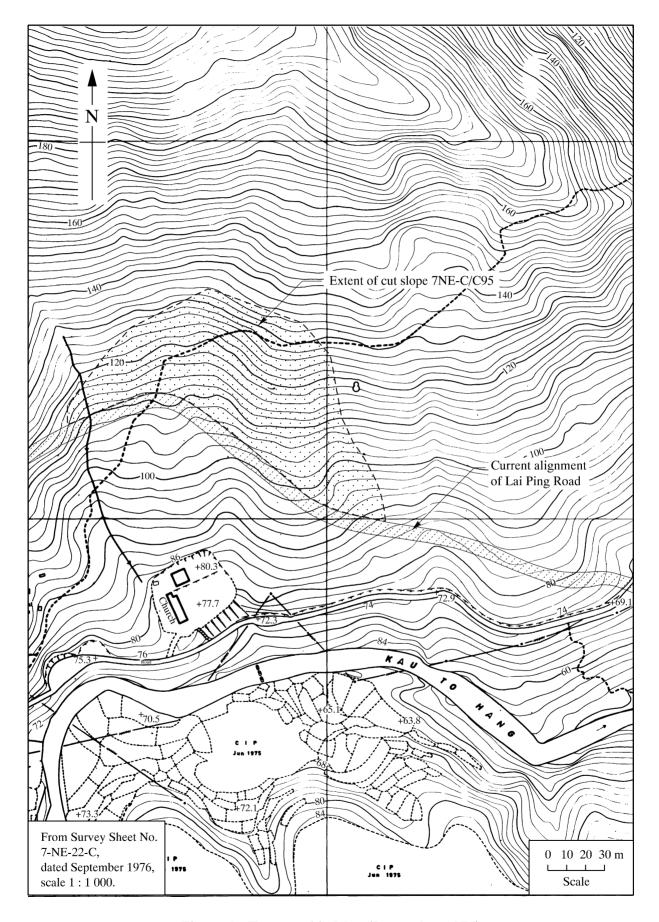


Figure 4 - Topographic Map (September 1976)

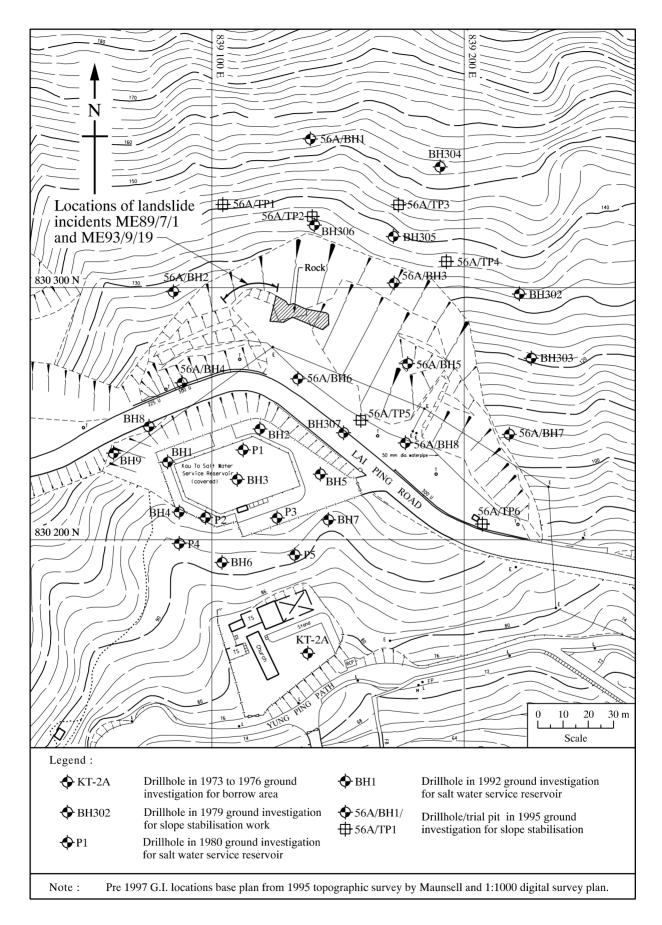


Figure 5 - Locations of Pre-1997 Ground Investigation Works and Landslide Incidents

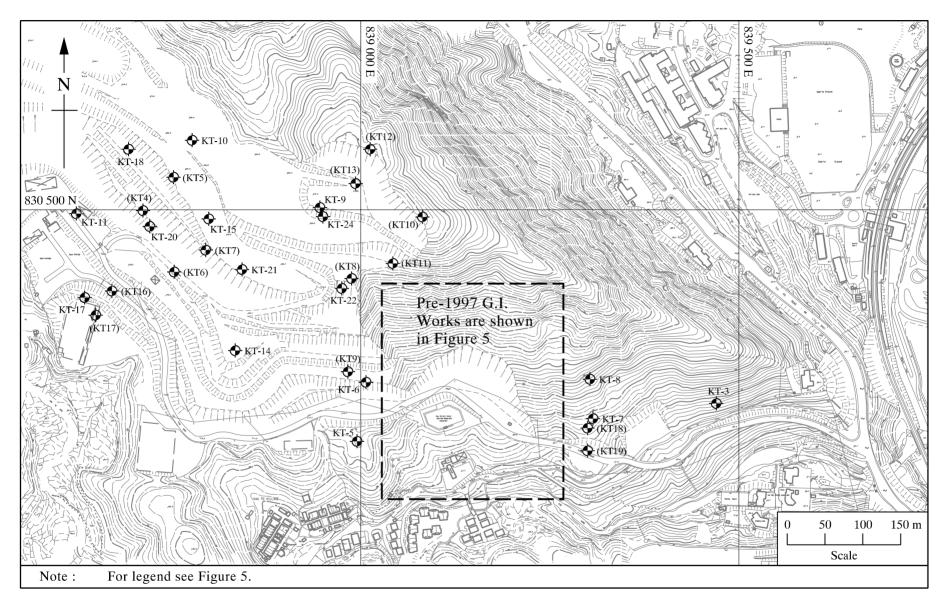


Figure 6 - Pre-1997 Ground Investigation Works in the Adjacent Areas

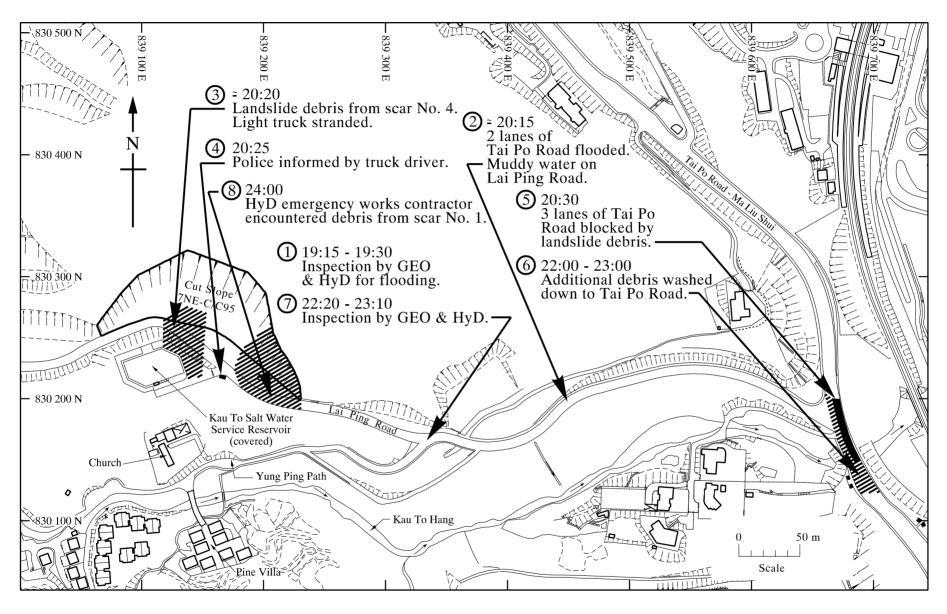


Figure 7 - Sequence of Events on 2 July 1997

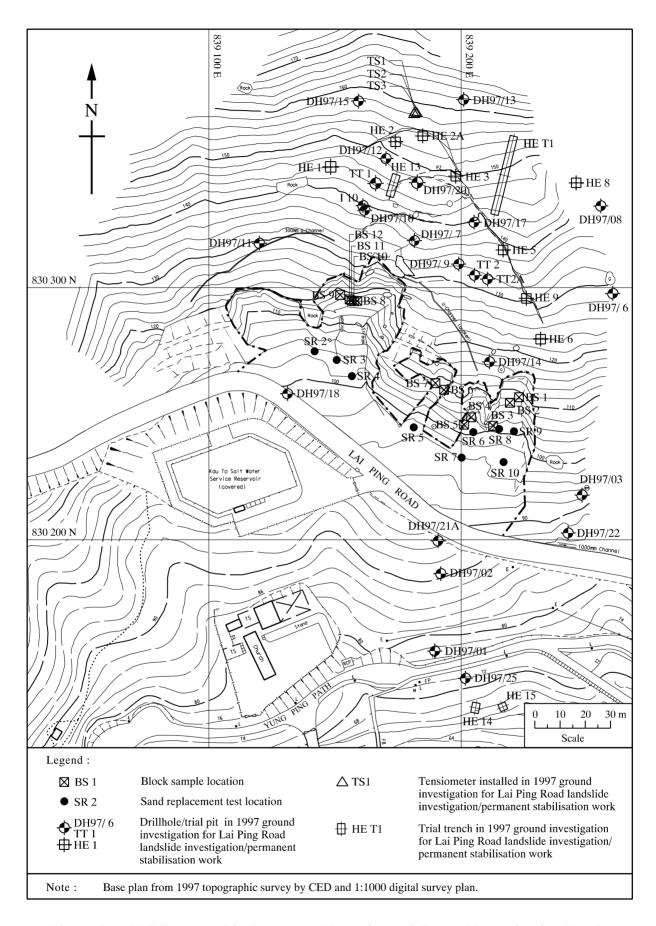


Figure 8 - 1997 Topographic Survey and Locations of Ground Investigation Works

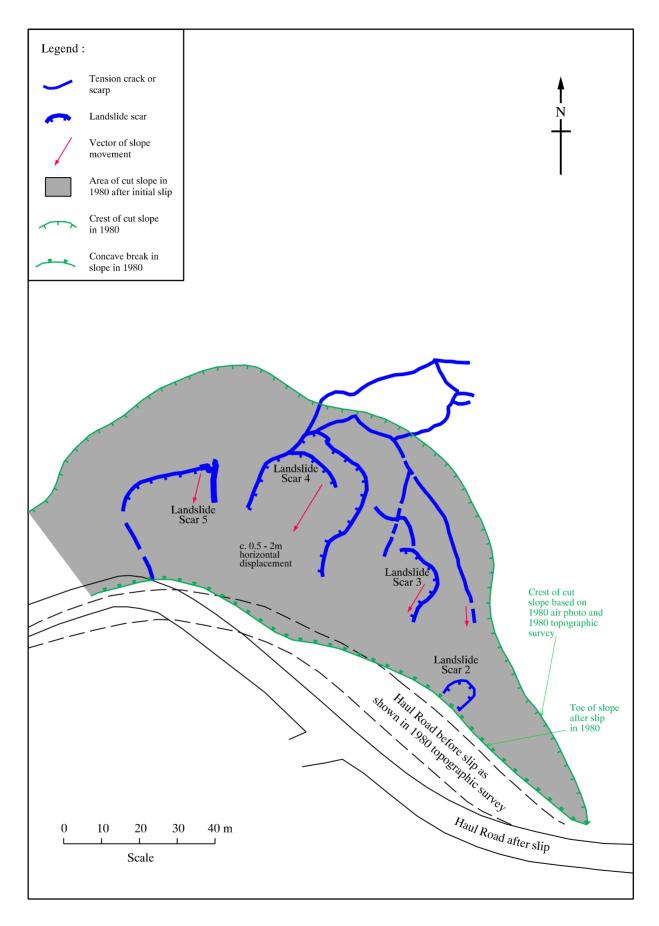


Figure 9 - Development of the Landslide (1978-1980)

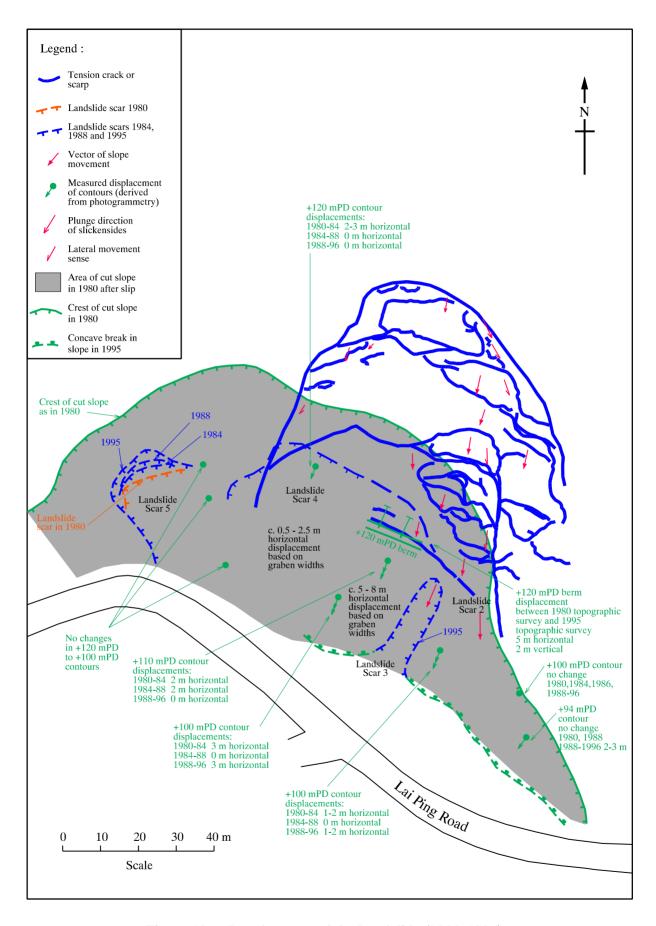


Figure 10 - Development of the Landslide (1980-1996)

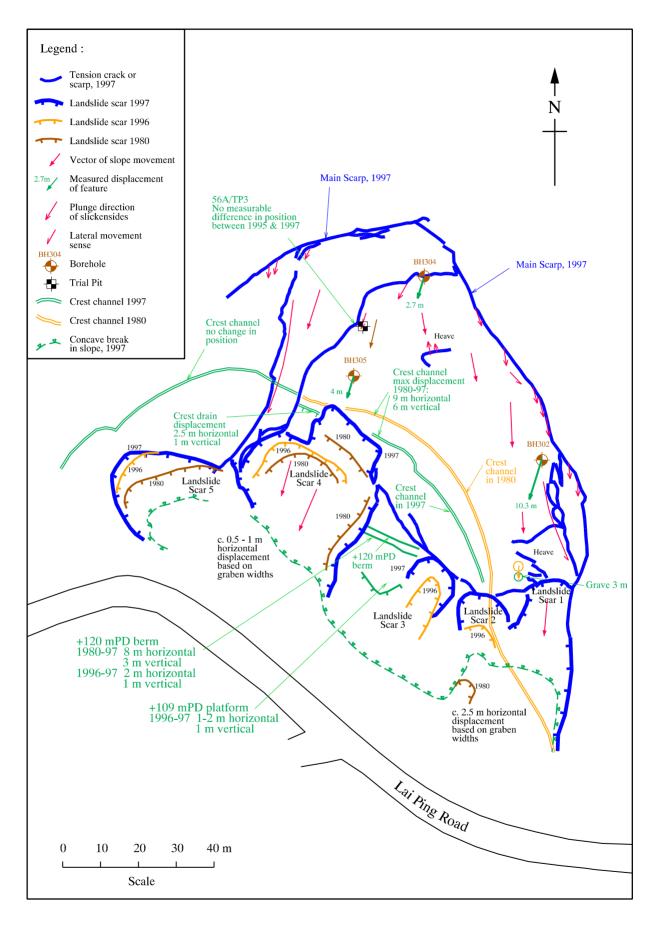


Figure 11 - Development of the Landslide (1980-1997 and 1996-1997)

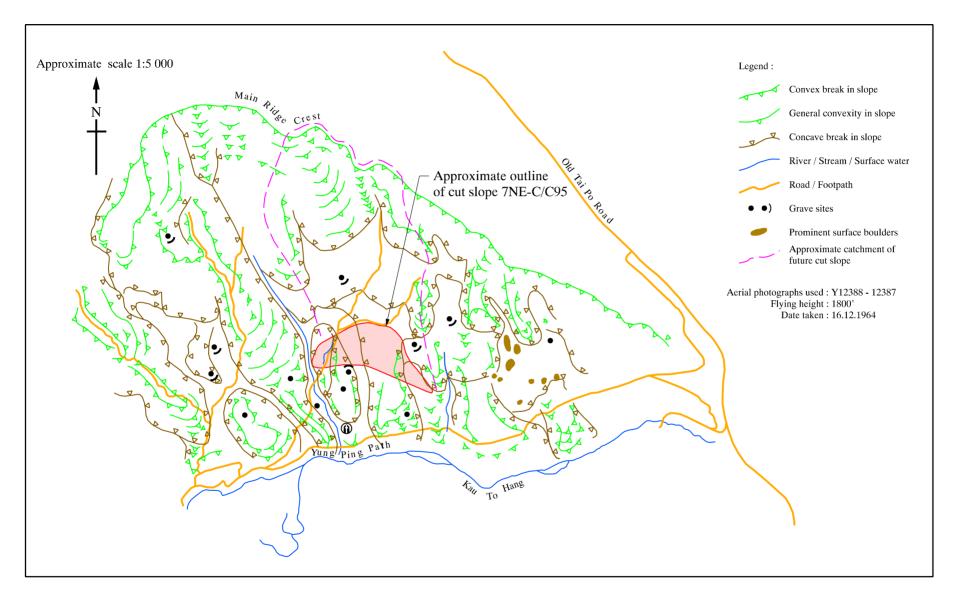


Figure 12 - Aerial Photograph Interpretation of Area Surrounding Lai Ping Road Landslide Site Prior to Its Development Based on Aerial Photographs Dated 16 December 1964

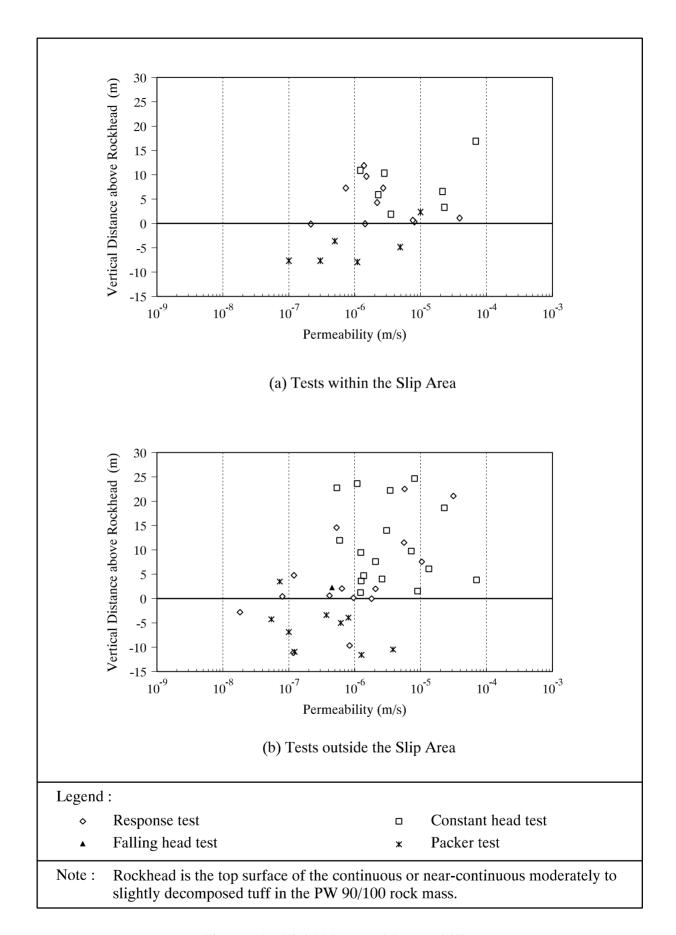


Figure 13 - Field Measured Permeability

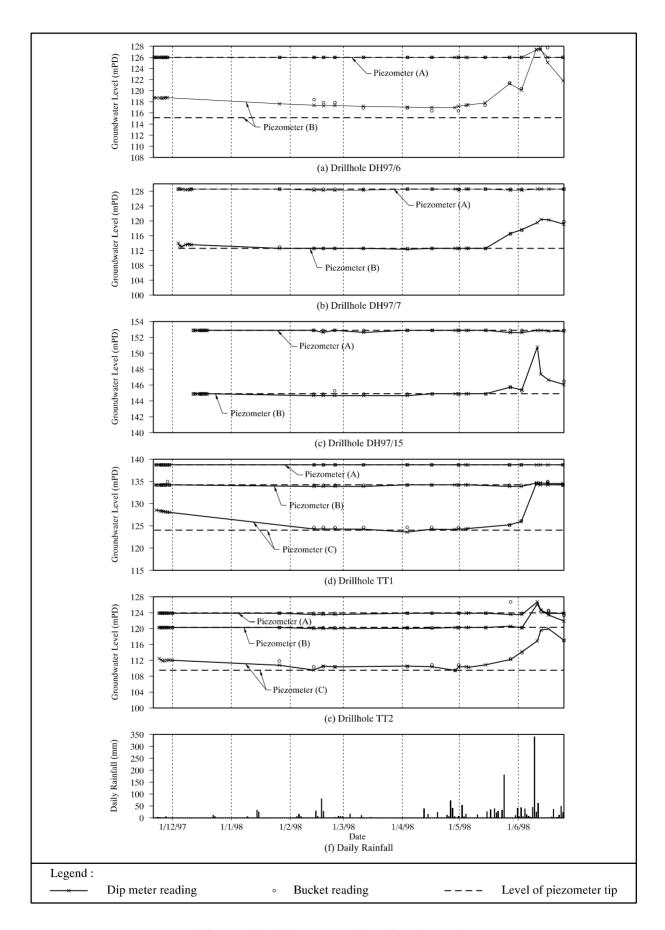


Figure 14 - Piezometer Reading Records

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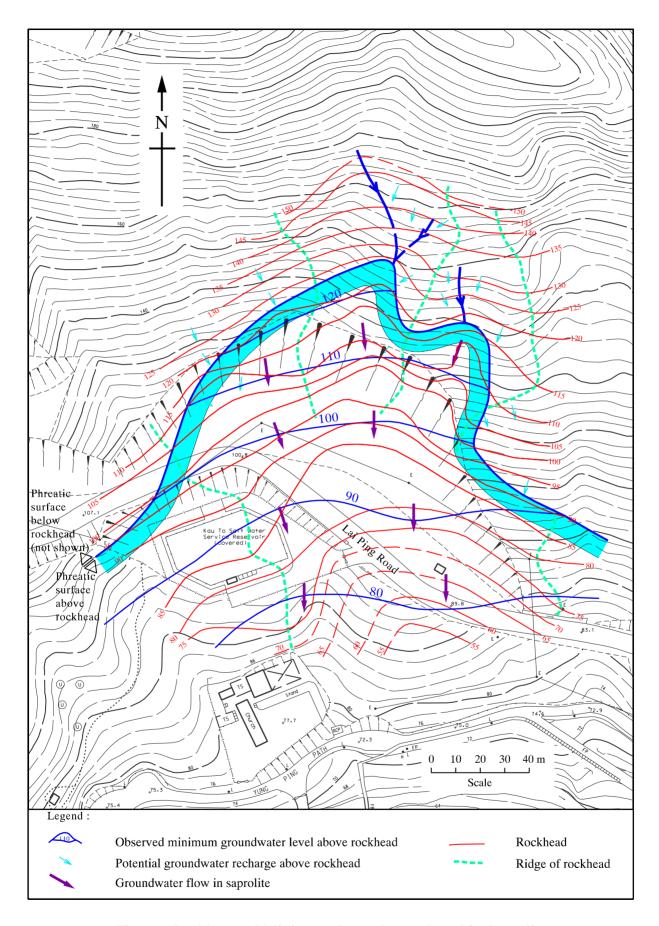


Figure 15 - Observed Minimum Groundwater Level in Saprolite

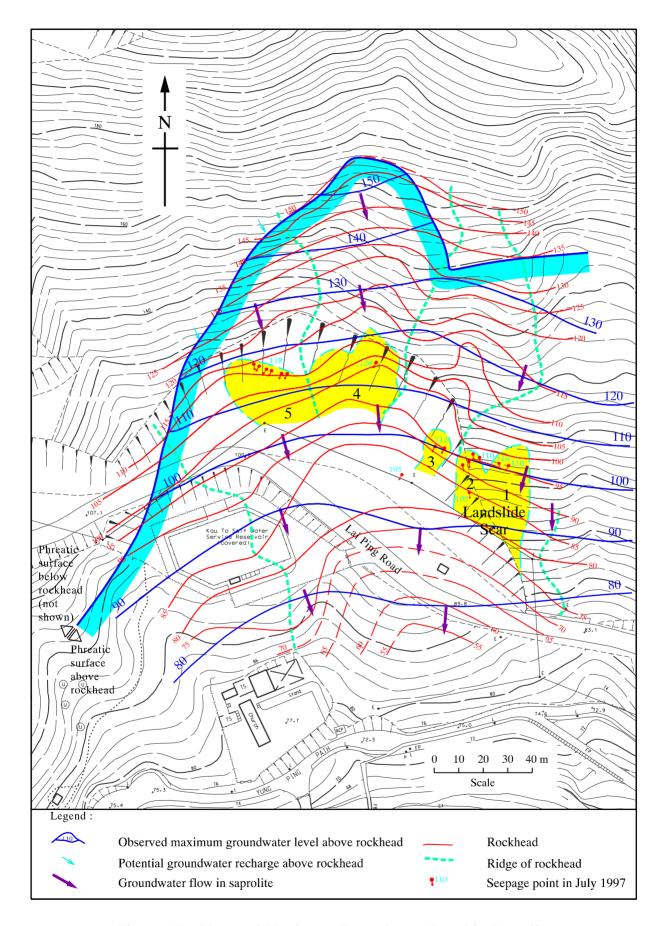


Figure 16 - Observed Maximum Groundwater Level in Saprolite

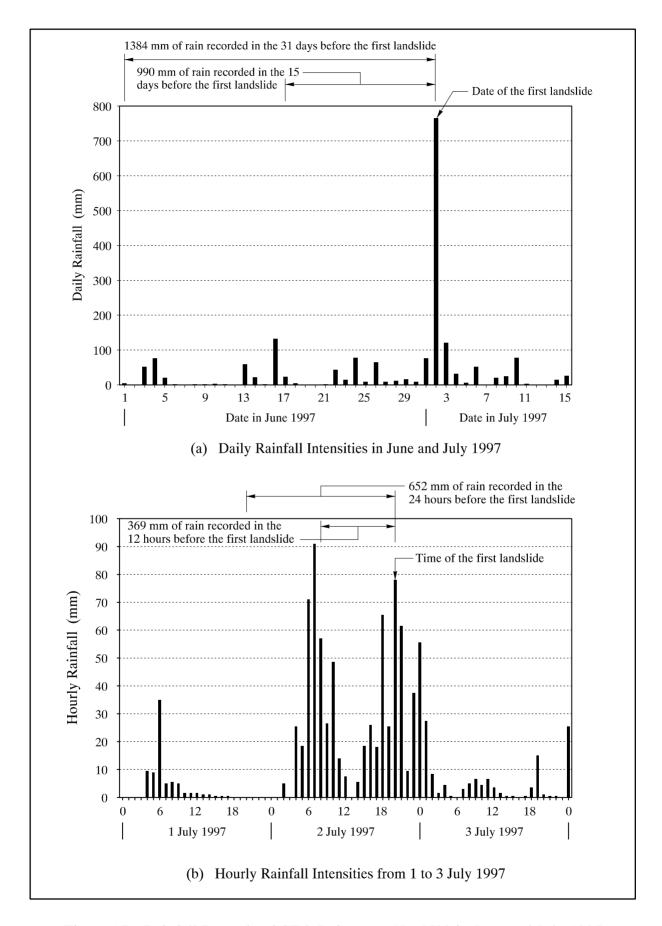


Figure 17 - Rainfall Records of GEO Raingauge No. N09 in June and July 1997

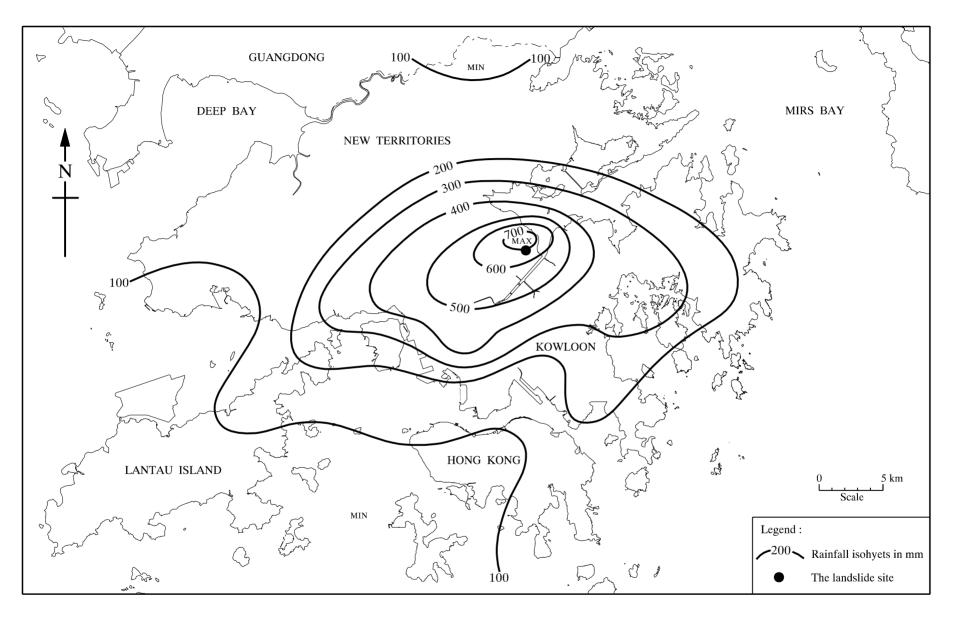


Figure 18 - Rainfall Isohyets for 24-hour Duration on 2 July 1997 (Ending 0:00 hours 3 July 1997)

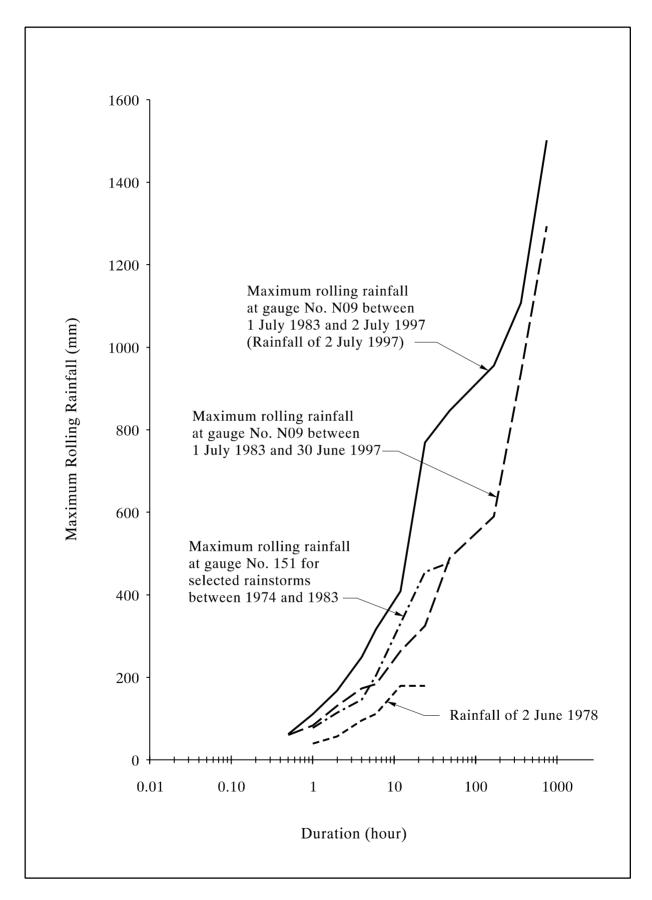


Figure 19 - Maximum Rolling Rainfall at Raingauge No. N09 and at the Autographic Raingauge No. 151 at the Chinese University

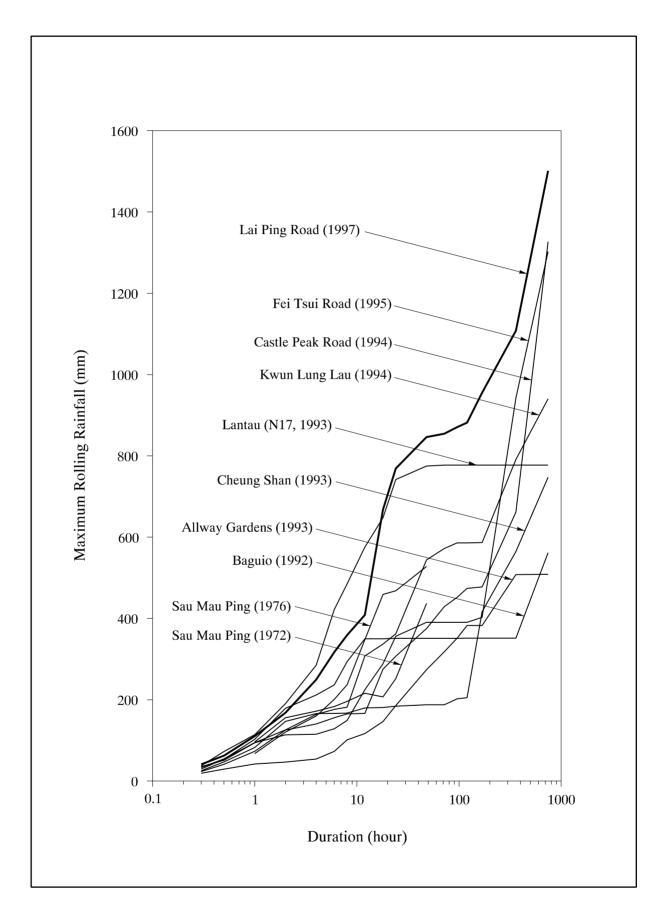


Figure 20 - Comparison of Rainfall Data Recorded at Raingauge No. N09 with Other Raingauges for Major Landslide Events

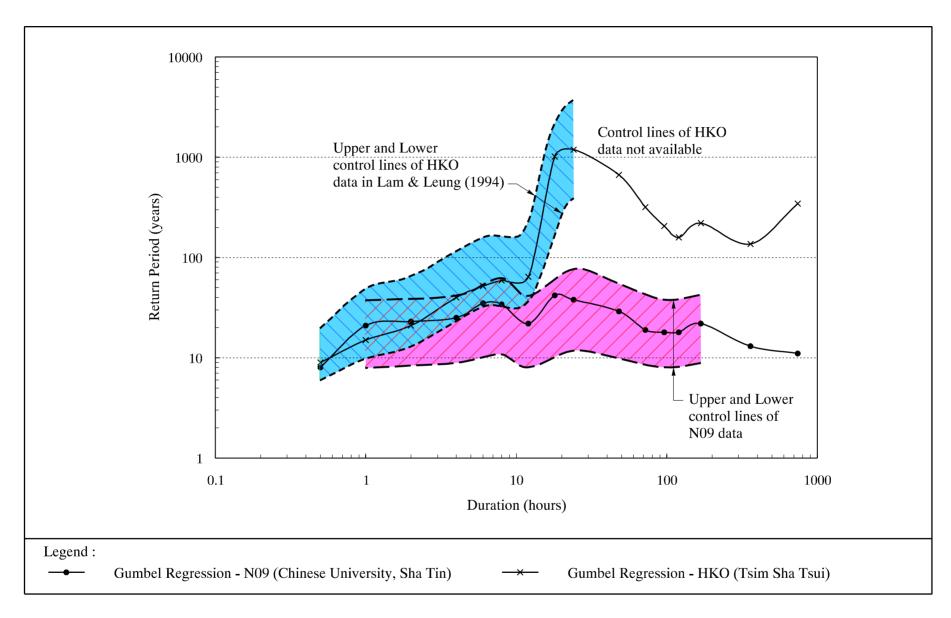


Figure 21 - Return Period of the Maximum Rainfall Recorded at Raingauge No. N09

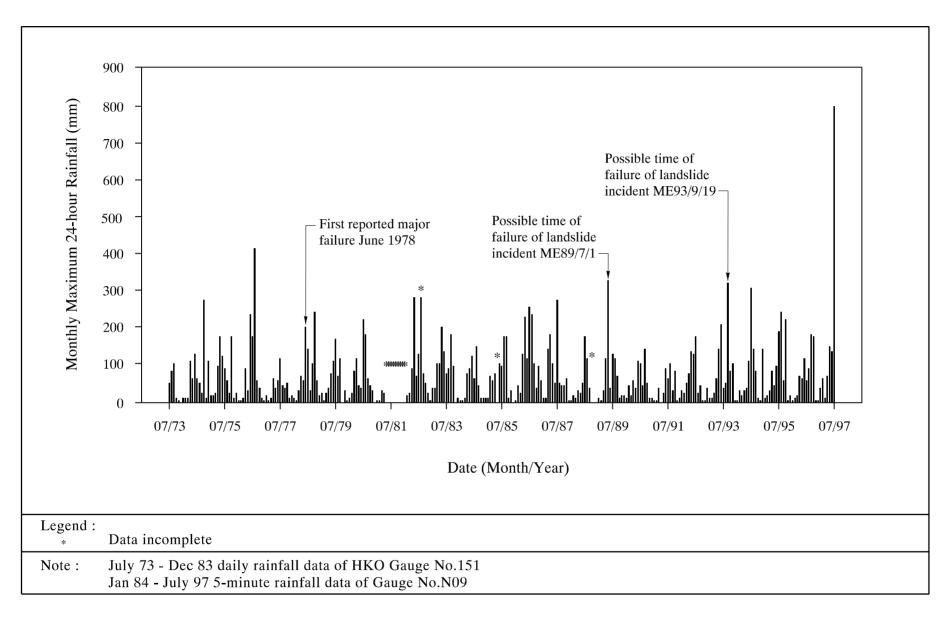


Figure 22 - Monthly Maximum 24-hour Rainfall at the Chinese University Between July 1973 and July 1997

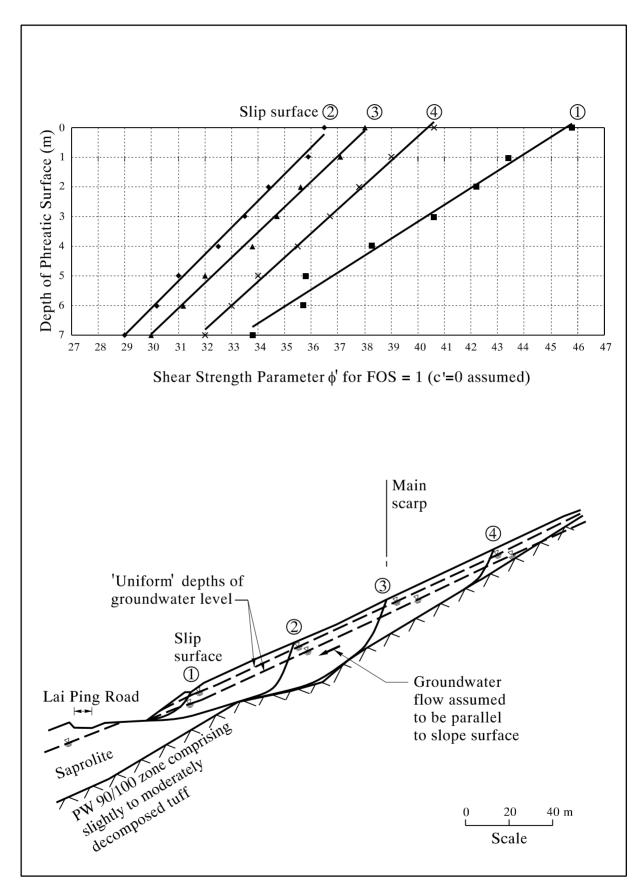


Figure 23 - Sensitivity of Shear Strength on Slip Surfaces and Depth of Groundwater Table on Slope Stability

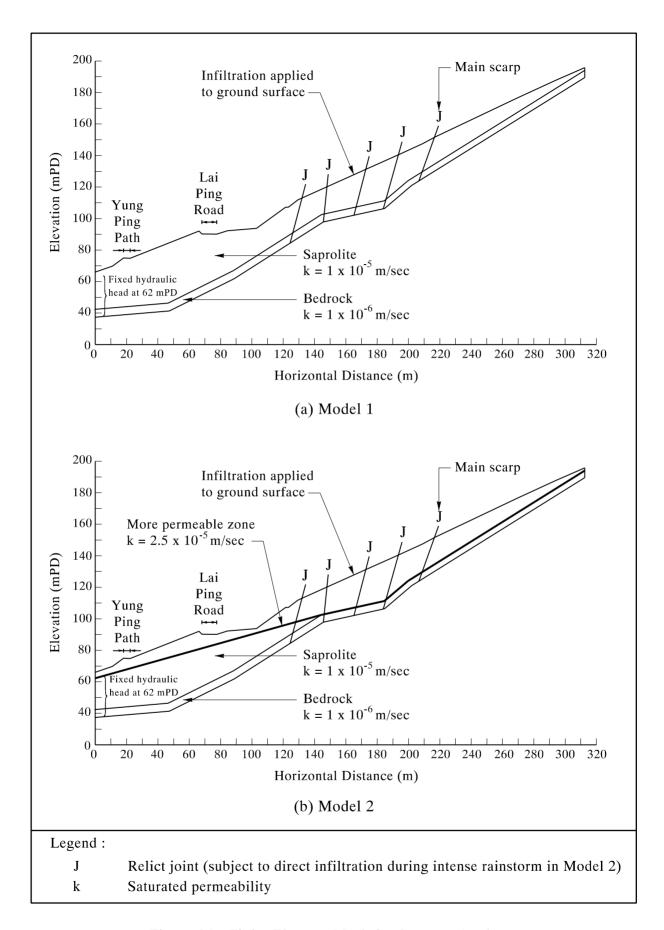


Figure 24 - Finite Element Mesh for Seepage Analyses

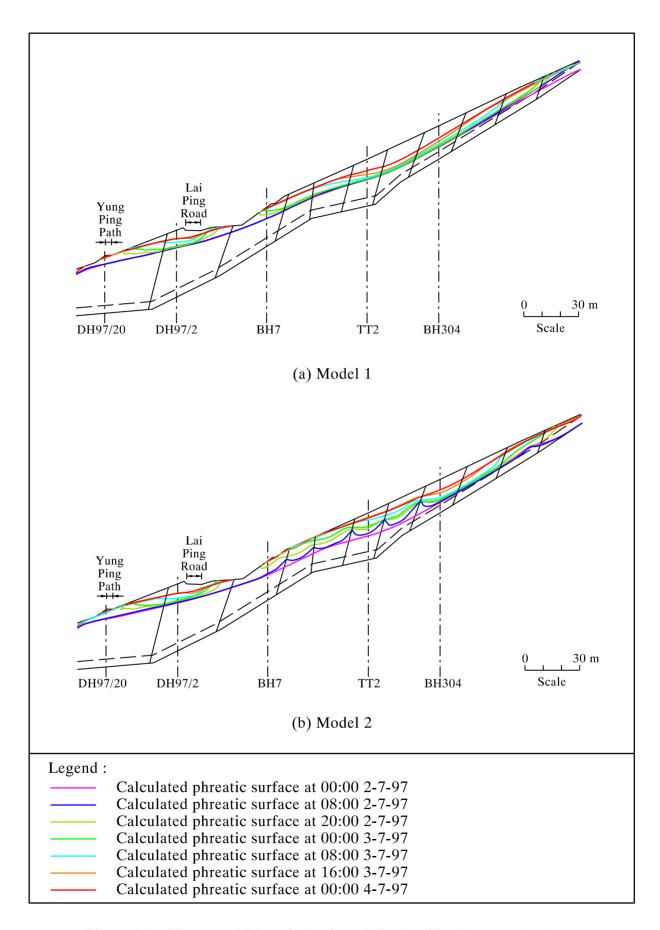


Figure 25 - Changes of Phreatic Surface Calculated by Seepage Analyses

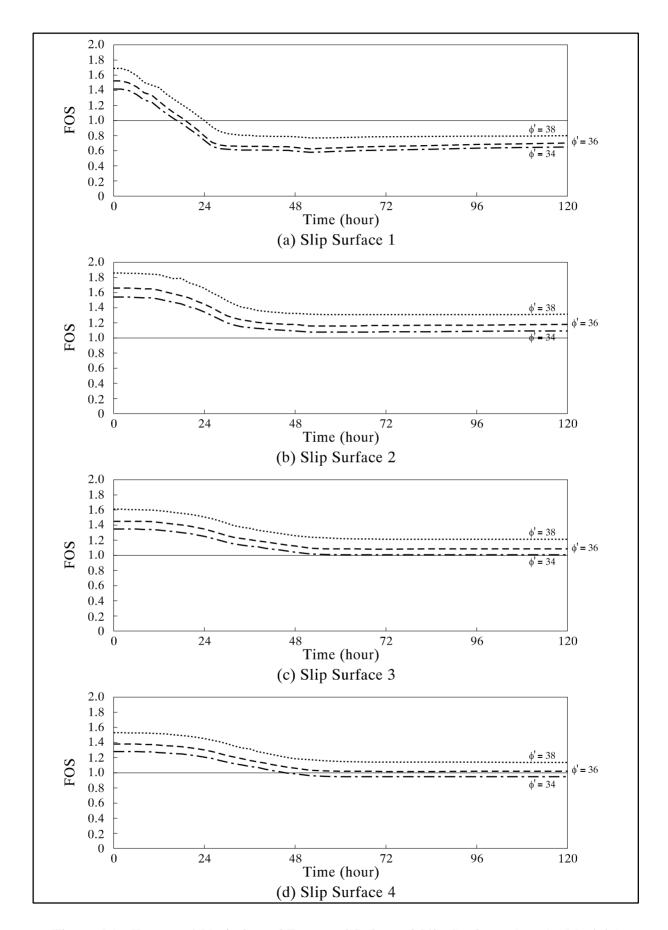


Figure 26 - Temporal Variation of Factor of Safety of Slip Surfaces 1 to 4 - Model 1

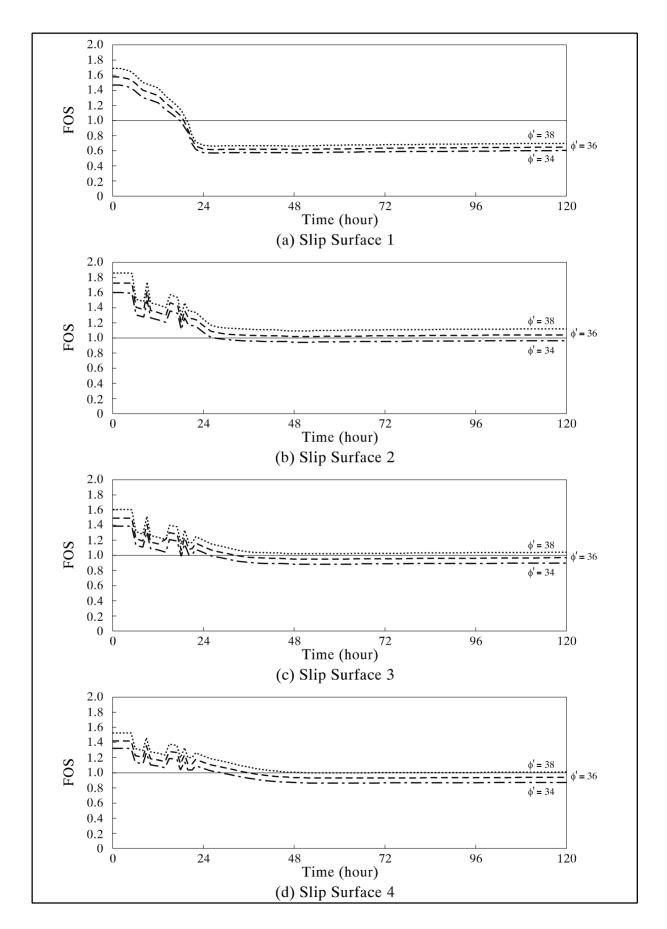


Figure 27 - Temporal Variation of Factor of Safety of Slip Surfaces 1 to 4 - Model 2

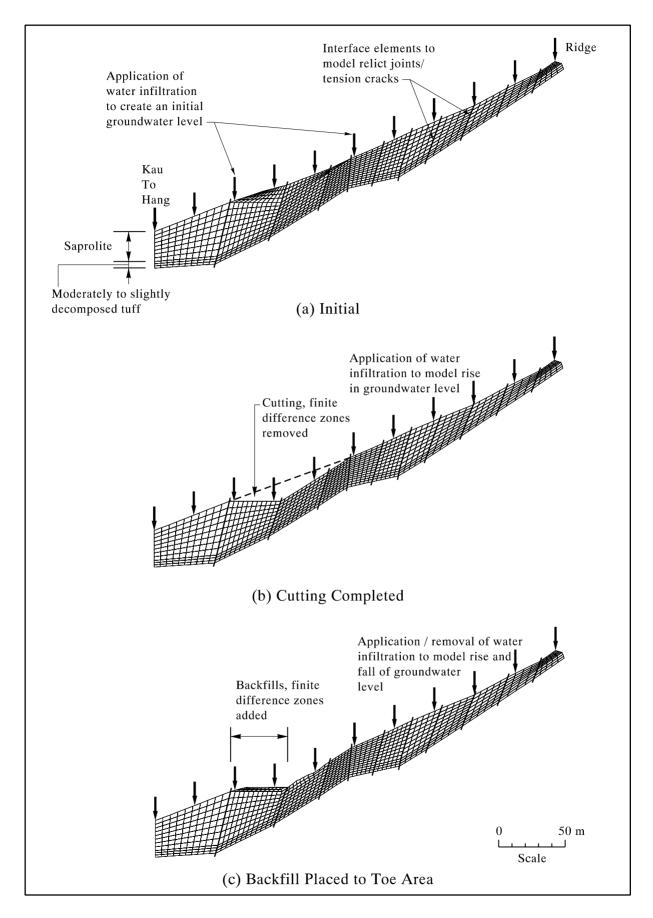


Figure 28 - Finite Difference Grid for Cross-Section 6-6'

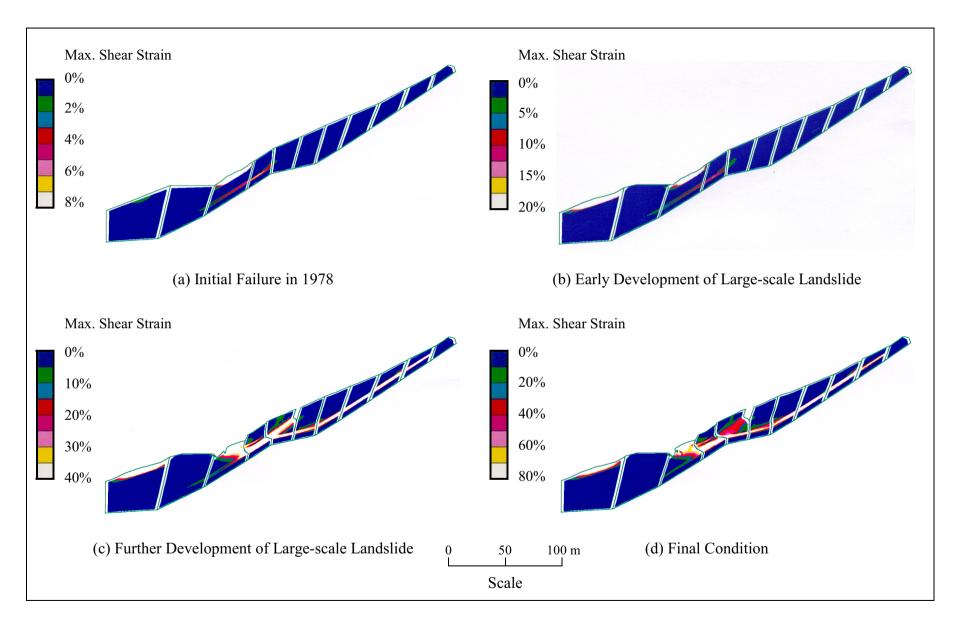


Figure 29 - Shear Strain Mobilisation During the Development of the Landslide Mechanism - Finite Difference Analysis

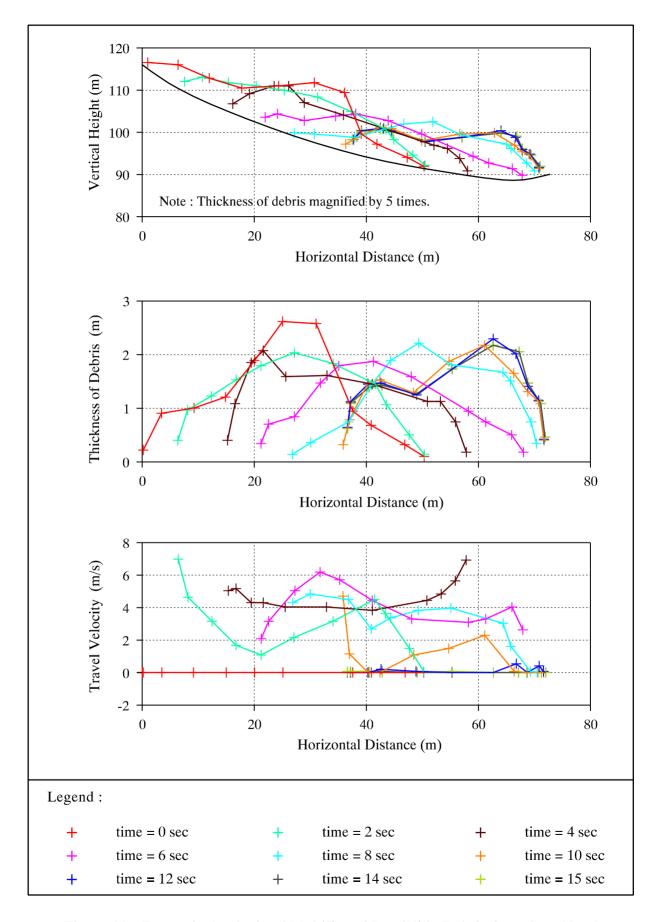


Figure 30 - Dynamic Analysis of Mobility of Landslide Debris from Scar No. 1

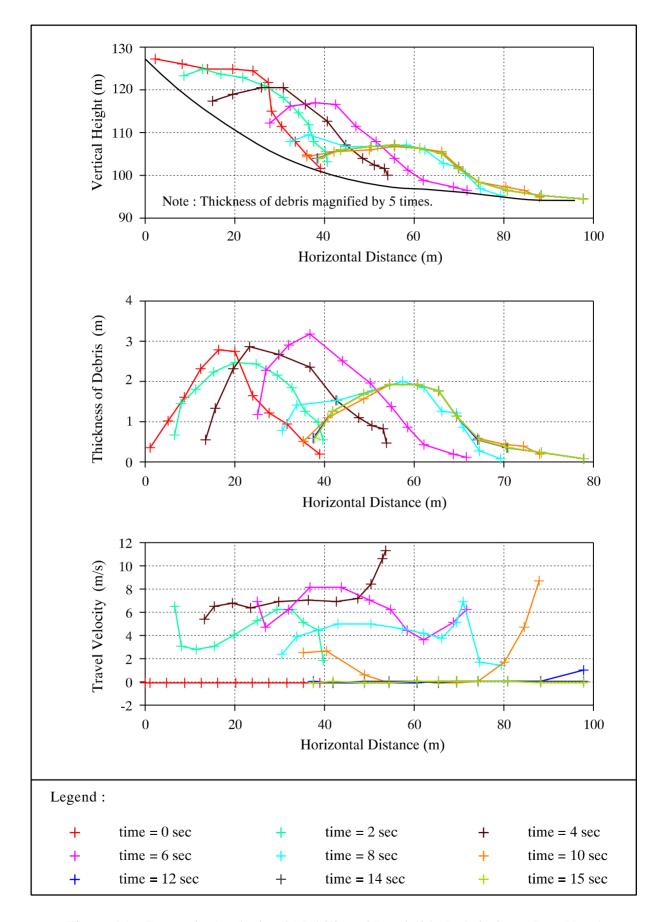


Figure 31 - Dynamic Analysis of Mobility of Landslide Debris from Scar No. 4