2001 Landslide Incidents
Rockfall at Castle Peak Road and Debris Flow above Lei Pui Street

The 9 June 2001 Rockfall Incident at Castle Peak Road below Wah Yuen Chuen

- Rockfall (~0.5 m³) from a 35 m-high soil/rock cut slope
- Consequence: 2 Postmen were injured
Inadequate Maintenance - Loose Rock Blocks at Rock Face

Debris Flow on Natural Hillside above Lei Pui Street

- Debris flow (~ 780 m³) at natural hillside
- Consequences:
  - 2 squatter huts were severely damaged
  - A sole vehicular access road leading to 2 schools and residential area temporarily closed
The 1 September 2001 Debris Flow above Lei Pui Street, Kwai Chung

2 squatter huts severely damaged

Overall View

Source (~250 m³)

Debris trail
entrainment ~500 m³
(deposition ~170 m³)

Lei Pui Street
(outwash ~50 m³)

Travel angle: 23°
Overall View

Lei Pui Street

2 squatter huts severely damaged

Source Area
2 Severely Damaged Squatter Huts
(4 occupants)

A Construction Site
(~530 m²)
Damaged Hoarding

Roadside fence
(by Site Contractor)

Lei Pui Street
Longitudinal Profile

Source Area

persistent sheeting joints
Thank you

Thank you