South

North

Reduced Level (mPD)

Limit of compound landslide deformation as at July 1997

Limit of original cut slope-1978

Main scarp

Crest of cut slope

Cut slope profile 1978

1976 profile

Rotated corestone in right hand flank of landslide scar 2 (see plate 15)

Ground surface modified by slope emergency works

Failed toe of 1978 cut slope

Debris from landslide scar 1

Lai Ping Road

1978 Haul Road

Toe of cut slope - 1978

Diffuse Shear Zone

Sheared Saprolite

Surface of rupture

? Infilled soil pipe

Graben

Basal surface of rupture

Yung Ping Path

Kau To Hang

Saprolite

Grade II-III tuff

Grade II-III granite

DH97/13 (17m offset)

DH97/14 (11m offset)

DH97/17 (0m offset)

DH97/9 (0m offset)

TT2 (0m offset)

TT2A (2m offset)

BH3/04 (7m offset)

DH97/2 (8m offset)

DH97/21A (11m offset)

DH97/1 (7m offset)

DH97/25 (1.5m offset)

S6A/BH7 (17m offset)

RS

TS

COL/ALV

CDT

HDT

MDT

SDT

SDG

SDR

SZ?

NR

LEGEND

RS	Residual Soil
TS	Top Soil
COL	Colluvium
CDT	Completely Decomposed Tuff
HDT	Highly Decomposed Tuff
MDT	Moderately Decomposed Tuff
SDT	Slightly Decomposed Tuff
SDG	Slightly Decomposed Granite
SDR	Slightly Decomposed Rhyolite
SZ?	Shear Zone (Possible)
NR	No Recovery
6/7/65	Maximum ground water level with date
1-2/95	Minimum ground water level with date
	Piezometer
	Standpipe piezometer
	Highest recorded groundwater level measured in the drillholes
	Landslide debris
	Made ground
	Road sub-base
	Colluvium
	Granite
	Residual Soil
	Saprolite
	Grade II-III tuff
	Corestone of moderate to slightly decomposed tuff
	Denotes uncertainty
F F	Inferred fault
	Tension crack with infill
	Postulated surface of rupture
	Persistent seepage point in landslide scar 2

no.	date	description	initial
REVISION			

	name	date
surveyed	N. P. Koor	8/97
designed	N. P. Koor	5/98
drawn	N. P. Koor	5/98
traced		
checked	N. P. Koor	9/98
examined	S.D.G. Campbell	10/98

contract no.

file no. GCP2/E2/13-2

job no.

project

LAI PING ROAD LANDSLIDE INVESTIGATION

drawing title

GEOLOGICAL SECTION 6 - 6'

drawing no. EG 508

scale 1 : 350

office

PLANNING DIVISION

GEOTECHNICAL ENGINEERING

CIVIL ENGINEERING DEPARTMENT