

Monitoring of Fromberg's slip, Ulverstone, 1988 to 1992

by G Benn

LOCATION

The movement of a landslide located about 3 km east of Ulverstone (at approximately 433 500 mE, 5 442 700 mN) was monitored over the four years from 1988 to 1992.

SURVEY

A line of four boreholes was drilled down the slip area and a station, Survey Pipe 'A', was placed north of the water hole. Five pipes were placed to the east of the borehole and Pipe 'A' to monitor the downhill movement.

The monitoring was done by sighting a PVC downpipe on a building at the top of the hill to the west and measuring a

scale held on the boreholes. The results of these observations are given below.

GENERAL

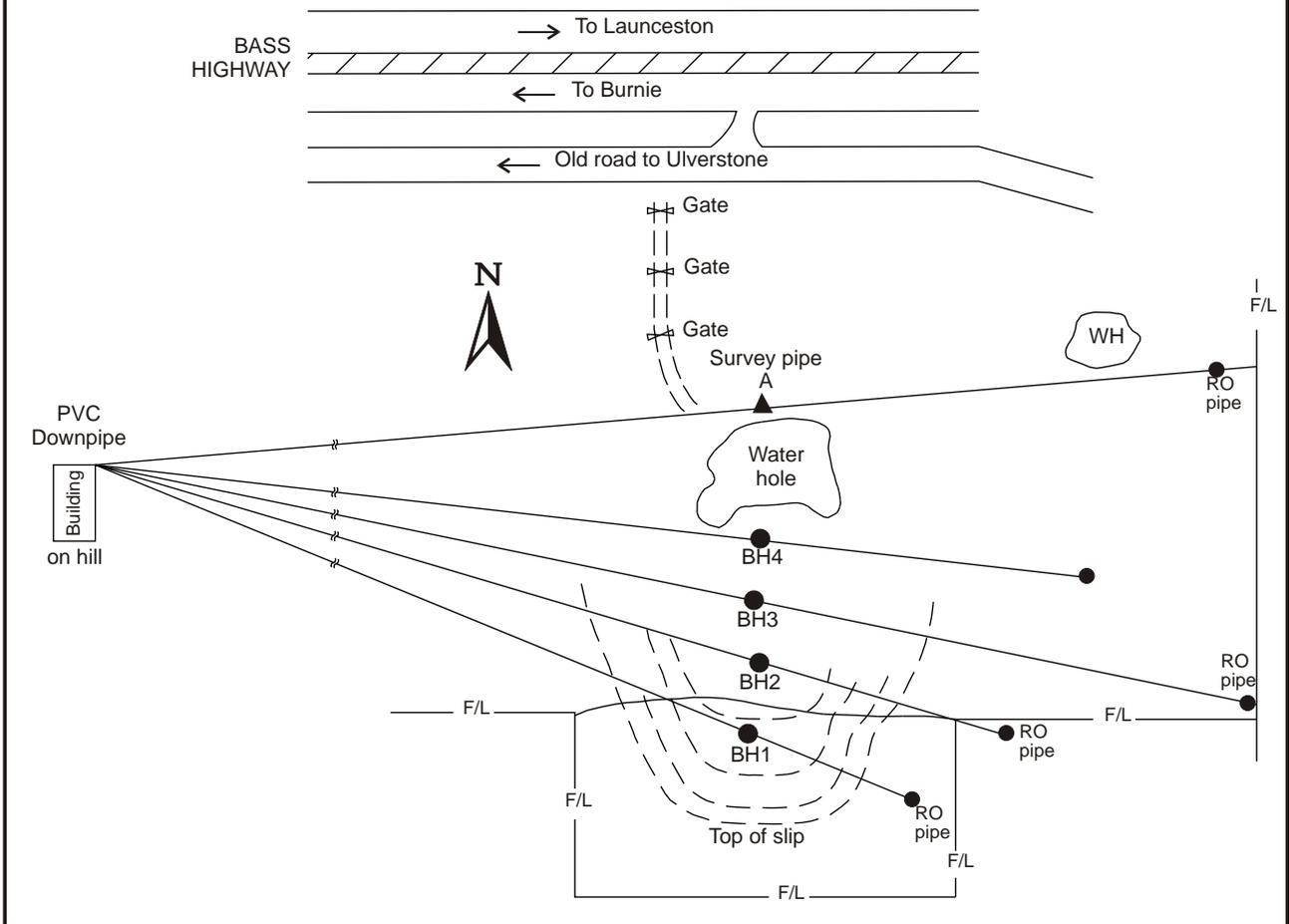
There was rapid downhill movement from July 1988 to November 1989. By March 1990 the slip movement had slowed considerably, and movement had stopped by August 1992.

[25 October 1993]

Cumulative movement, monitoring of Fromberg's slip

Date	July 1988	August 1988	May 1989	November 1989	March 1990	August 1992
Borehole 1	-7	-680	-1521	-2760	-2764	-2751
Borehole 2	Nil	-831	-1840	-3113	-3150	-3163
Borehole 3	-2	-655	-1398	-2328	-2356	-2360
Borehole 4	-2	-485	-1005	-1632	-1610	-1604
Pipe 'A'	Nil	+2	+5	Nil	-7	-5

FROMBERG'S SLIP, ULVERSTONE



SECTION THROUGH SLIP

