

I first visited the Ecclesbourne Glen site on 17/12/2014 and then subsequently on 30/11/2017. Between these two visits my colleague [REDACTED] undertook a site inspection on 17/03/2016.

Between my two visits to the site the slope movement on the upper (just below the boundary with Rocklands) and lower footpaths has continued. Around the upper footpath movement has continued but is relatively modest. At the lower footpath the continued movement has been quite noticeable and has led to significant deformations in the footpath.

Overall the movement appears to have reduced since 2014/2016 probably due to the landslide movements redistributing material on the slope, giving rise to a more stable geometry; and the relatively dry 2016 / 2017 period (Table 1). However, the movement at the lower footpath has continued actively with some rotational sense of movement and with evidence of earth / mud flow. Figures 5 and 7 and Photographs 9 and 10 (attached) show that material is overtopping a large band of sandstone (? Cliff End Sandstone) which lies above the lower footpath.

Based on observation on 30/12/2017 large scale failure is possible but unlikely given the lower groundwater levels due to the dryer years. The ongoing movements around the lower footpath may lead to material falling from the (?) Cliff End Sandstone band and collapse of the footpath.

Given the current ongoing movements I consider that it would be appropriate to monitor the site over another year to see if the movements continue to reduce. If the situation returns to a metastable condition then it may be possible to re-open the footpath with appropriate warnings and inspection.

Table 1. Met Office (2018) Rainfall as % of 1981 to 2010 Average for the Hastings Area.

Year	Rainfall as % of 1981 to 2010 Averages				
	Winter	Spring	Summer	Autumn	Annual
2011	90 - 110	<30	110 - 130	30 - 50	75 - 85
2012	90 - 110	110 - 130	110 - 130	110 - 130 Sep. = 125 - 150, Oct. = 125 - 150, Nov. = 75 - 125 & Dec. >200	115 - 125
2013	130 - 150	110 - 130	50 - 70	110 - 130	105 - 115
2014	>170	70 - 90	130 - 150	90 - 110	115 - 125
2015	110 - 130	50 - 70	130 - 150	90 - 110	105 - 115
2016	130 - 150	90 - 110	70 - 90	70 - 90	85 - 95
2017	70 - 90	50 - 70	130 - 150	30 - 50	85 - 95