SITE INSPECTION - RESIDENTS MEMO



FH Reference: 125592	Project : Berryhill Landslip Remedial Works	Date of Site Visit: 15/12/2020

Mansfield District Council (MDC) have appointed Fairhurst to undertake regular site inspections of the quarry wall between completion of the emergency response works (w/e 24th November 2019) and the commencement of the permanent works in this portion of the quarry in early 2020.

During a recent inspection on Tuesday 15th of December 2020, the weather was sunny. On days previous to this inspection there had been heavy rainfall in Mansfield.

A photographic record of the quarry has been collated and is being updated on inspection and no significant visible changes have been noted from the previous site visit. As per recent visits, cliff faces were noted to be partially saturated with what appeared to be surface water run-off from heavy rainfall from days previous. Small ravelling failures (<1m3) including a fresh mass of material behind Unit 7 (Photo 3) resulting in a c. 2.5m3 tallus contained behind the rock trap bund. The material comprised entirely weathered/residual soil and potentially some overburden soils.

Fairhurst are not aware of any reported issues to MDC and the garden herras fencing remained in situ as agreed. No increase in risk with regards to the quarry face stability has been determined from the recent inspection.

If residents see or hear anything associated with the cliff face, please call 01623 463 050 to report this to the Council.

Photographs included overleaf.

Prepared by: Joshua Blacker Engineering Geologist, Fairhurst Date: 15/12/2020

Distribution:

Mansfield District Council - James Biddlestone

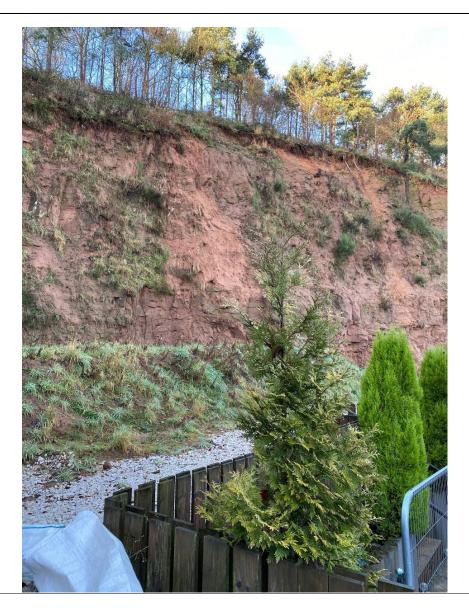
For distribution to affected residents on Stone Bank and Bank End Close.



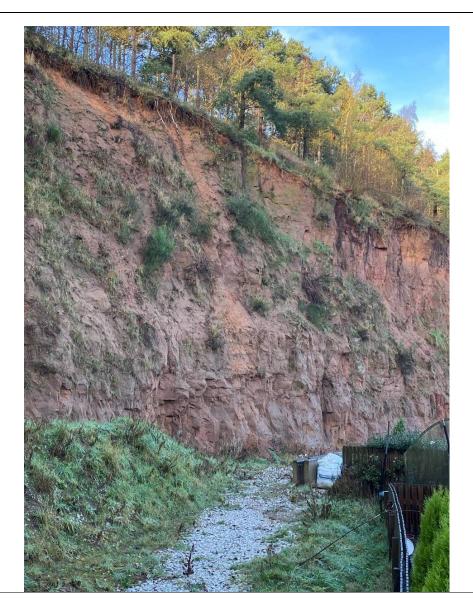
Photograph 1 : Looking along the southern flank of the quarry to the south west corner (Image taken on 15/12/2020)



Photograph 2: Previous failure scar which appears to be partially saturated in surface water run-off (Image taken on 15/12/2020)



Photograph 3: Looking west to the south west quarry corner (Image taken on 15/12/2020). Note towards the centre of picture the orange streak of sand identifying a small failure resulting in c. 2.5m³ of tallus beind the rock trap bund. (Image taken on 15/12/2020).



Photograph 4: Looking at the western flank. Note towards the centre of picture the orange streak of sand being washed down the cliff face from what appears to be the soil crust at the crest of the cliff. This is creating talus (a sand mound with rocks in) at the toe of the cliff (Image taken on 15/12/2020). No significant changes since previous inspection evident.



Photograph 5: Looking at southern flank (background) and western flank (right-hand-side) (Image taken on 15/12/2020)



Photograph 6: Looking north to the end of Unit 8. No significant changes noted form previous inspection. (Image taken on 15/12/2020).