



# Gatwick Airport Northern Runway Project

The Applicant's Response to the Examining Authority's  
Written Questions – Geology and Ground Conditions

**Book 10**

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# 1 Response to the Examining Authority’s Written Questions – Geology and Ground Conditions

1.1.1 The below table sets out the Applicant’s response to the Examining Authority’s Written Questions relating to Geology and Ground Conditions.

ExQ1	Question to:	Question:
<b>GEOLOGY AND GROUND CONDITIONS</b>		
GGC.1.1	The Applicant	In the event that any slope stability assessments referred to in Chapter 10: Geology and Ground Conditions [APP-035], identified the need for slope stabilisation works, has the impact been assessed in the ES in terms of landscape and visual design and during construction? If so, where in the ES can this be found?
		<p>Further intrusive ground investigation will be undertaken prior to detailed design and suitable design parameters will be derived for any slope stability assessment required in relation to the proposed construction under paragraph 5.5.7 of the Code of Construction Practice which is secured by Requirement 7 to the Draft DCO (Doc Ref. 2.1 v6). No stabilisation measures are included in the design proposals at this stage and therefore it is not currently assessed within <b>ES Chapter 8: Landscape, Townscape and Visual Resources</b> [APP-033]. In the interim, a worst case scenario has been assessed by considering the removal of all existing vegetation within the road corridor which would have the greatest potential to adversely effect townscape character and visual amenity.</p> <p>Should a requirement for slope stabilisation works be identified at the detailed design stage, potential measures that may be considered could include additional drainage measures, slope gradient modifications, and/or reinforcement of the formation (e.g. in the form of soil nailing, formation stabilisation,</p>

		provision of new retaining walls etc.) to avoid slope failures.
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