

Preliminary Environmental Information Report

Appendix 11D: LANDMAP Geological Landscapes Aspect Areas: Assessment of Effects

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1.1 Introduction

1.1.1 The filtering process described in Appendix 11B identified two Geological Landscapes Aspect Areas (GLAA) that should be carried through to the assessment of effects as follows:

- NWPRTGL031; and
- MNMTHGL086.

1.1.2 The landscape sensitivity of the GLAAs to the Proposed Development is presented in **Appendix 11C** in accordance with the methodology set out in **Appendix 11A**. **Table 11D-1** assesses the magnitude of change which is likely to arise as a consequence of the Proposed Development before determining the level and type of effect and its significance during operation.

Table 11D-1 Assessment of effect: GLAAs

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
Caldicot Level – Goldcliff (NWPRTGL031) - Host	Medium	Low	Minor and Not Significant	<p>This is a medium to large scale GLAA, the majority of the GLAA is located to the west with the majority of the Proposed Development located in the centre and to the east on the boundary with MNMTHGL086 and the coastal edge to the south. The Proposed Development would cover a very large area within this GLAA but intervisibility would be constrained to within the immediate vicinity of the PEIR Assessment Boundary.</p> <p>There are a large number of operational solar farms within this GLAA, and a large-scale overhead electricity transmission line are existing features. The Proposed Development would result in new direct effects within the eastern part of the GLAA and indirect effects across a large proportion of the GLAA. The direct effects resulting from the Proposed Development would be minimal given the limited scope for excavations to impact upon geology.</p> <p>Based on these considerations the magnitude of change would be Low.</p>

Receptor	Overall landscape sensitivity*	Magnitude of Change	Level of effect	Rationale
Caldicot Moor (MNMTHGL086) - Host	Medium	Low	Minor and Not Significant	<p>This is a medium to large scale GLAA, the majority of the GLAA is located to the west with the majority of the Proposed Development located in the centre and to the east on the boundary with NWPRTGL031 and the coastal edge to the south. The Proposed Development would cover a large area within this GLAA but intervisibility would be constrained to within the immediate vicinity of the PEIR Assessment Boundary.</p> <p>There are a large number of operational solar farms within this GLAA, and a large-scale overhead electricity transmission line are existing features. The Proposed Development would result in new direct effects within the eastern part of the GLAA and indirect effects across a large proportion of the GLAA, most. The direct effects resulting from the Proposed Development would be minimal given the limited scope for excavations to impact upon geology.</p> <p>Based on these considerations the magnitude of change would be Low.</p>