



OAKLANDS FARM SOLAR PARK

Applicant: Oaklands Farm Solar Ltd

Environmental Statement

Appendix 15.3 – Photographs of Soils Across the Site

January 2024

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Oaklands Farm Solar Park - Environmental Statement Volume 3

Appendix 15.3: Photographs of Soils Across the Site

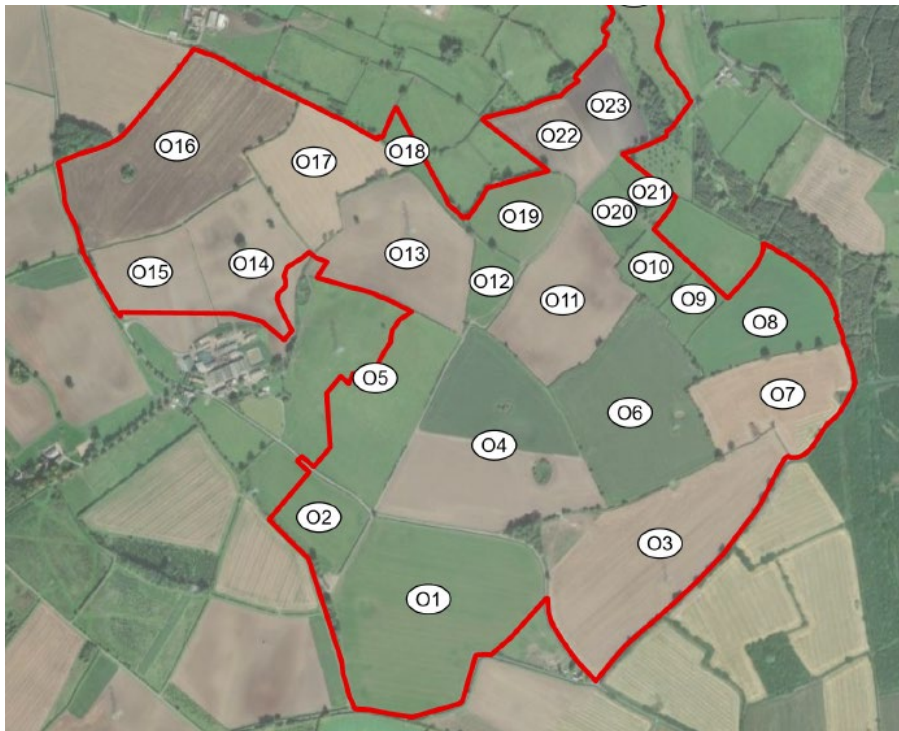
Final report

Prepared by LUC

January 2024

- 1 The photographs shown below are from the fields as numbered in the plan below.

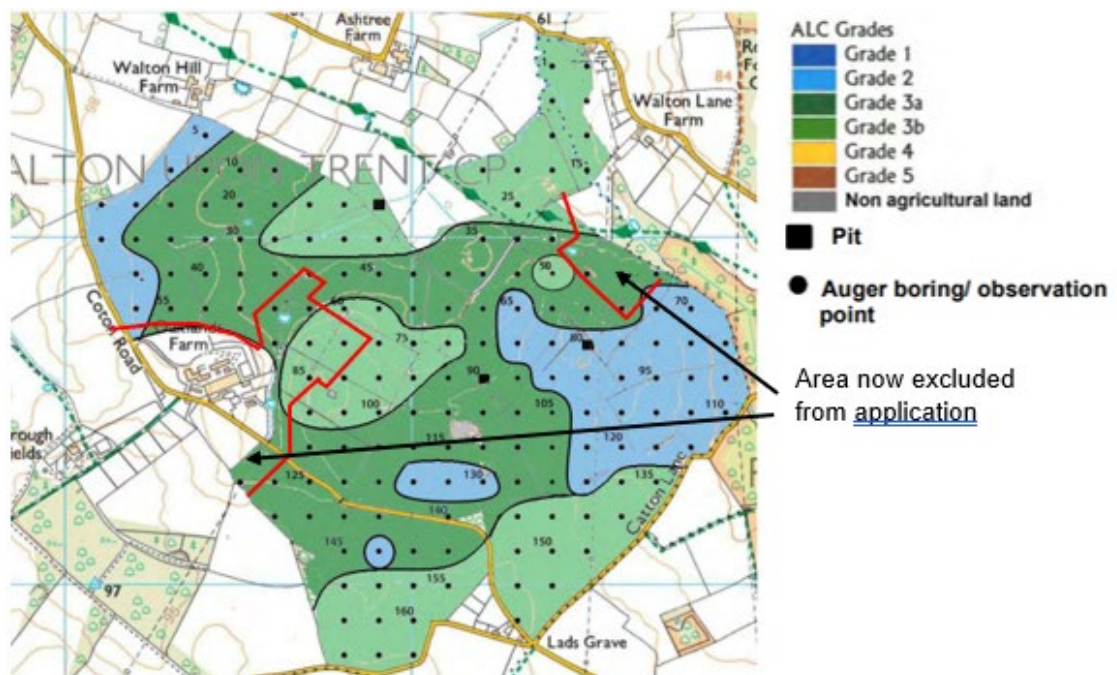
Plate 1: Field Numbering



Extract from **Figure 1.4a: Field Numbers**

- 2 Reference is made to the ALC grades as taken from the following plans.

Plate 2: ALC Results – Oaklands Farm Area



Extract from **Appendix 15.1: ALC (Oaklands Farm area)**

- 3 The Grade 2 land at the western edge of Oaklands Farm forms a narrow strip of sandy clay loam topsoils around the edge of an arable field of mostly subgrade 3a. The field (O16¹) is shown below, with example topsoil pits in the Grade 2 and subgrade 3a land.

Plates 3 - 5 Field O16



Grade 2



Subgrade 3a

- 4 The Grade 2 recorded at the eastern side of the Site is found in fields O7 and O8, and part of field O6. These are sandy clay loam soils, with topsoils to about 30cm and some stones. These areas are shown below, with topsoil pits.

¹ Field numbers are as presented in **Figures 1.4a and b.**

Plate 6: Looking East Across Field O8



Plate 7: Looking East Across Field O7



Plates 8 and 9: Soils in Fields O8 and O7



5 It can be seen from the amount of stones that the land is not suited to root cropping of soft tubers such as potatoes.

6 The subgrade 3a land covers parts of most fields in the central part of the farm. It is represented in the following photographs. The profiles are medium clay loams or heavy silty clay loams.

Plate 10: Looking West Over Field O13



Plate 11: Looking South East Over Field O15



Plate 12 and 13: Topsoils Fields O13 and O14



Topsoil Field O13



Topsoil Field O14

7 Field O4 is a mixture of ALC grades 2 and 3a. This is a difficult field to farm, with varying topography and soils. The variability of the soils is evident in the Google Earth image below (June 2022).

Plate 14: Field O4



8 The field is shown, looking west, in the photograph below. The heavy nature of the topsoils is evident in the small topsoil pit photographed.

Plate 15: Looking West Over Field O4



Plate 16 and 17: Topsoil Field O4



9 Subgrade 3b land is shown below in field O17, and field O3. These are heavy silty clay loam or clay soils.

Plate 18: Looking Over 3a North-west to 3b



Plates 19 and 20: Topsoil in Field O17



Plate 21: Field O3 Looking North East



Plate 22: Topsoil in Field O3



10 Field O1 is a mixture of subgrades 3a and 3b. The boundary is indiscernible in the following photograph, looking south west.

Plate 23: Field O1 Looking South West

