

Table 5-2 ALC Grade Distribution

ALC Grade	Area (ha)*	%
3a	37.3*	3.8
3b	493.3	50.3
4	393.4	40.1
Non -agricultural	57.0	5.8
Total	981.0	100.0

**Note: Due to a lack of survey data at Burwell National Grid Substation Extension for the reasons set out in Section 2, it has been assumed as a worst case that this land is BMV land. The total presented in this table does not include the area of land required for Burwell National Grid Substation Extension (less than 1ha) because this is based on an assumption (and this table presents collected data).*

Table 5-3 ALC Grade Distribution by Survey

Surveyor	ALC Grade	Area (ha)
Daniel Baird Soil Consultancy Ltd	3a	8.8
	3b	470.4
	4	390.1
	Non-Agricultural	54.9
	Sub Total	924.2
MAFF	3a	28.5
	3b	22.9
	Non-Agricultural	0.2
	Sub Total	51.6
Reading Agricultural Consultants	4	3.3
	Sub Total	3.3
Non-agricultural land that does not fall within the study area for surveys undertaken by any party (e.g. public highways included within the Order limits)	Non-Agricultural	1.9
	Sub Total	1.9
Total		981.0

5.5.3 Grade 3a land is found at three locations within the Sites, covering a total area of 37.3ha. The largest block of Grade 3a land is found to the east of the A11 in the area assessed by MAFF. The MAFF survey work found light textured soils over rootable chalk rubble with impenetrable chalk below. Soil droughtiness is the