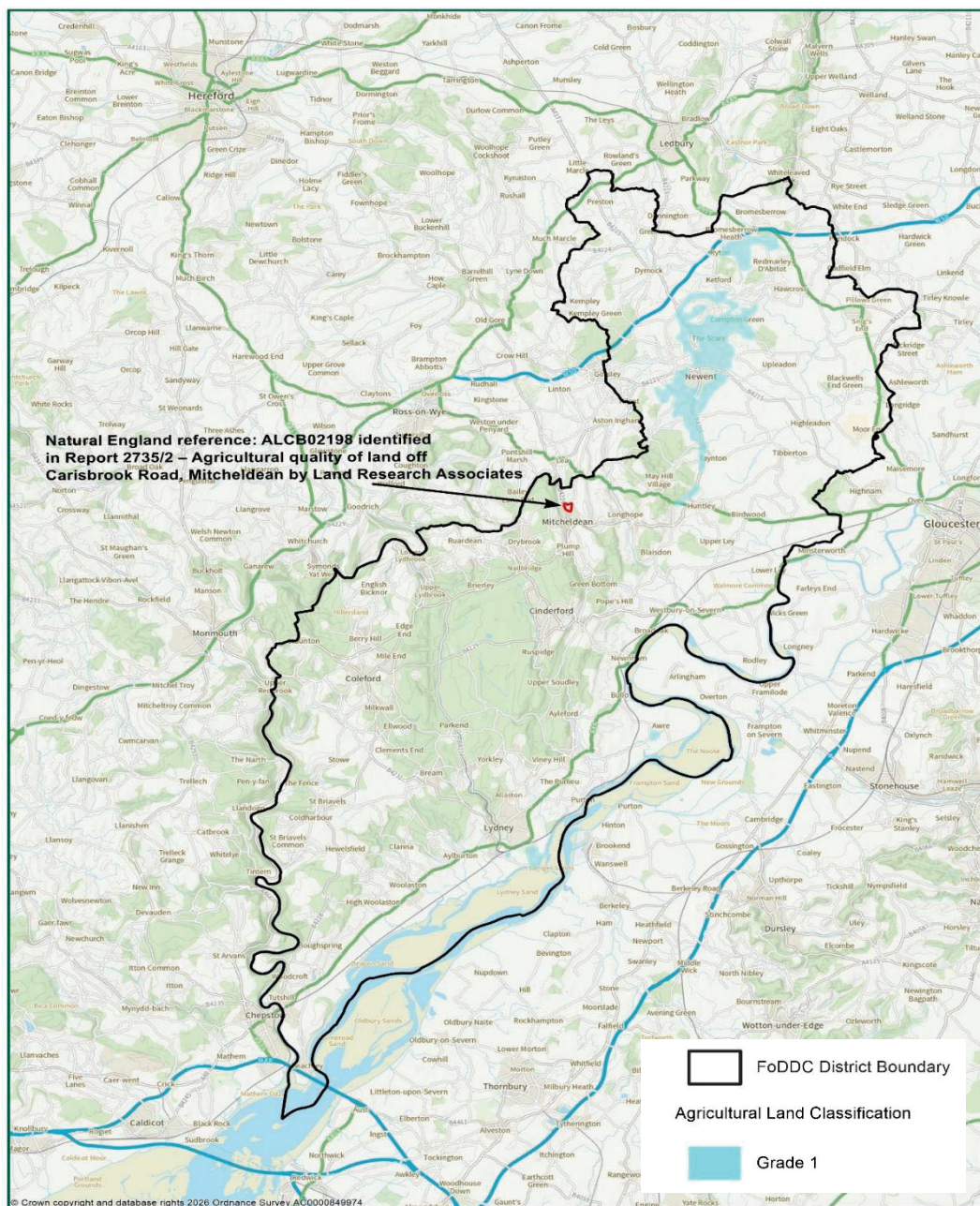


Agricultural Land Classification Across Forest of Dean District

This note provides an overview of the extent of Grade 1 and Best & Most Versatile (BMV) agricultural land within the Forest of Dean District and the proportion that would be affected by the proposed development at Mitcheldean. The assessment utilises Agricultural Land Classification (ALC) polygon data extracted from StatMap, historic MAFF/ADAS ALC Survey Reports accessed from Natural England publications archive.



Annotated Map of Grade 1 Agricultural Land across FoDDC District Boundary (StatMap FODDC, 2026)

Calculating the Percentage of Grade 1 Agricultural Land

- Utilising polygon area data taken from StatMap
- Total ha Area for each Agricultural Land Classification
- Simple Percentage Calculation to find the percentage of Grade 1 Land
 - $\text{Percentage} = (X / Y) \times 100$
 - X = Specific Land Class Area
 - Y = Total Value

Grade 5 Area = 101.67 ha

Grade 4 Area = 5,410.83 ha

Grade 3 Area = 27,270.20 ha

Grade 2 Area = 4,601.02 ha

Grade 1 Area = 1,566.54 ha

Total Area of All Agricultural Land = 38,950.26 ha

Percentage Calculation:

$$1566.54 / 38950.26$$

$$0.040218987 \times 100$$

$$= 4.0218987$$

$$= 4.02\%$$

Calculating the Percentage of Grade 1 Agricultural Land Lost by the Development

Mitcheldean Grade 1 Agricultural Land area = 9.7 ha

Total Grade 1 Area = 1,566.541 ha

Percentage Calculation:

$$9.7 / 1566.541$$

$$0.006191986038029 \times 100$$

$$= 0.6191986038029008$$

$$= 0.62\%$$

References

StatMap FODDC. (2026). *FODDC Base Map with ALC Polygon Spatial Data*. Retrieved from earthlight.net/map. Annotated on 28 August 2026.