JT ENERGY STORAGE LTD

FIGURE 1

Site Context

KEY
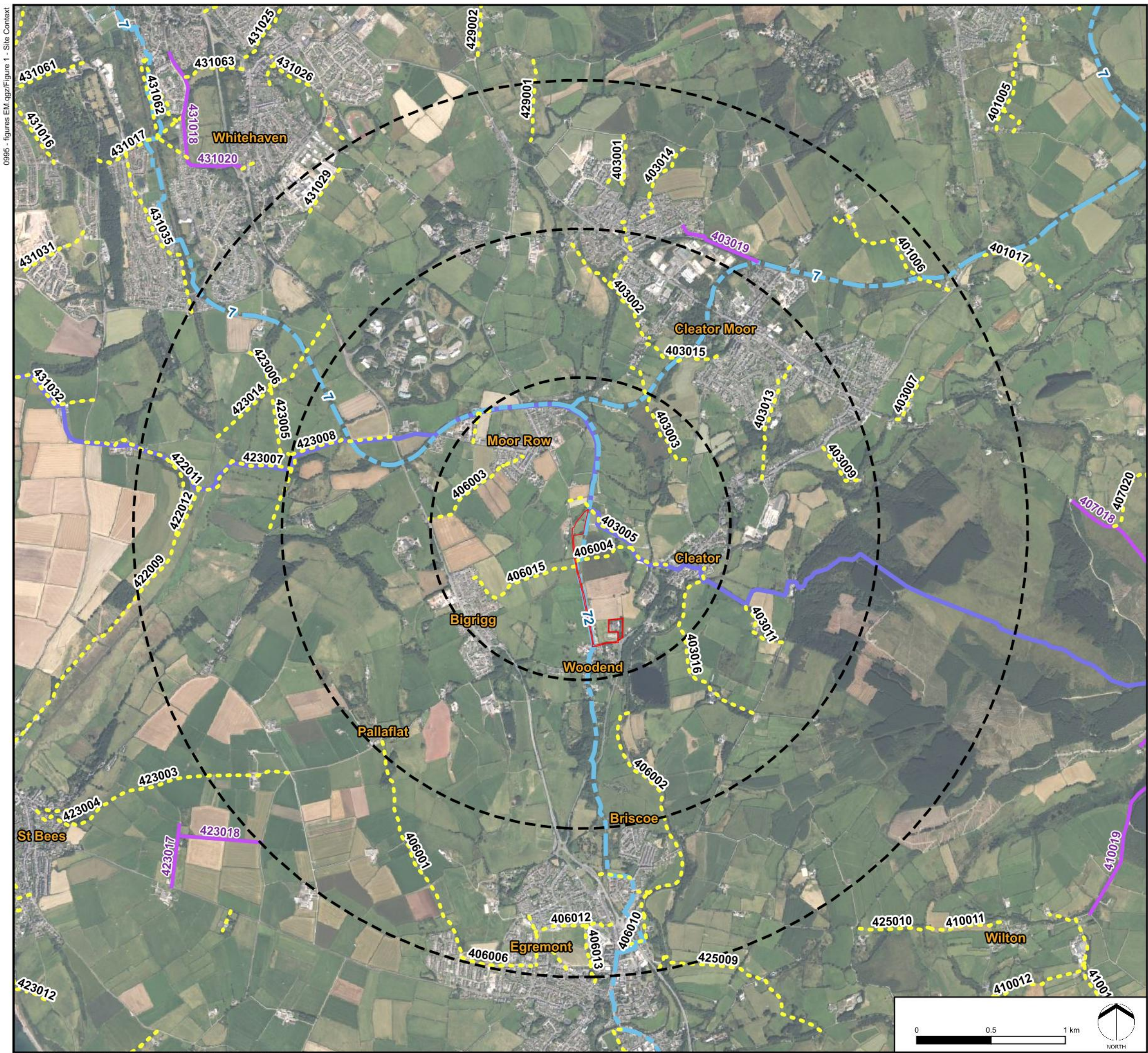
Site Boundary
Distance Radii from Site Infrastructure (1, 2 and 3km)
Wainwrights Coast to Coast Path
National Cycle Route

Public Rights of Way (PROW)

Bridleway
Footpath

| © 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus DS.

Projected Coordinate System: OSGB36 / British National Grid

DATE	SCALE	PAPER	BY	CHK	QA	REV
MAY 2025	1:25,000	A3	EM	MP	SR	-

0995 - figures EM.qgz/Figure 1 - Site Context

0995 - figures EM.qgz/Figure 2 - Landscape Designations

STEPHENSON HALLIDAY

Planning, Landscape & Environment
an **RSK** company

JT ENERGY STORAGE LTD

FIGURE 2

Landscape Designations

KEY

☐	Site Boundary
⬚ (dashed)	Distance Radii from Site Infrastructure (1, 2 and 3km)
▨	Country Parks
▦	CROW Open Access
▦	Local Green Space (Policy N13)
▦	Protected Open Space (Policy N11, N12)
▦	Green Wedge (Policy H10)
▦	Ancient Woodland
▦	Lake District National Park
▨	World Heritage Site
▦	Conservation Areas
▨	Site of Special Scientific Interest (SSSI)

Projected Coordinate System: OSGB36 / British National Grid

DATE	SCALE	PAPER	BY	CHK	QA	REV
MAY 2025	1:25,000	A3	EM	MP	SR	-

Scale: 0 — 0.5 — 1 km

NORTH
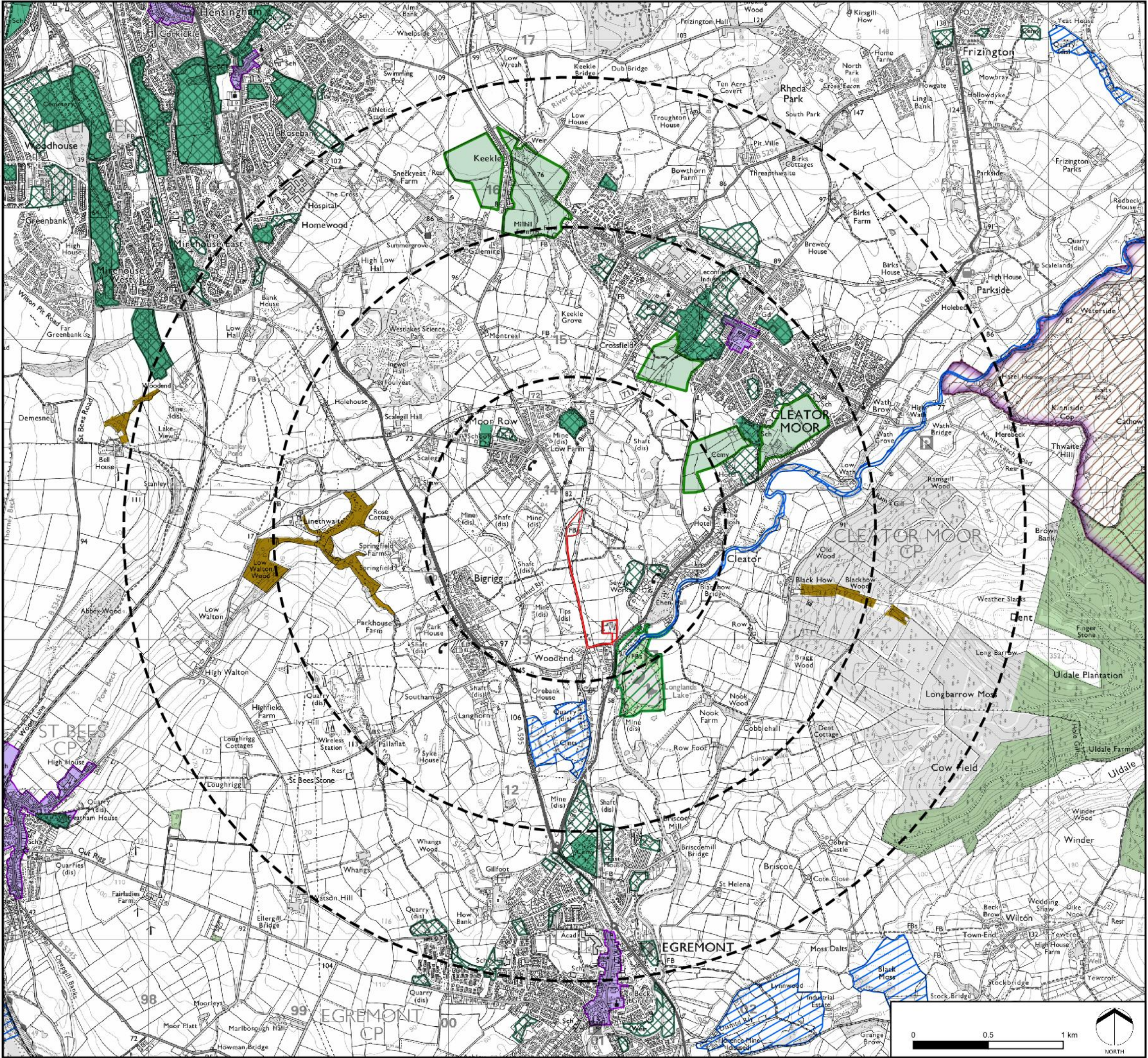
**JT ENERGY STORAGE LTD**

FIGURE 3

Landscape Character

KEY
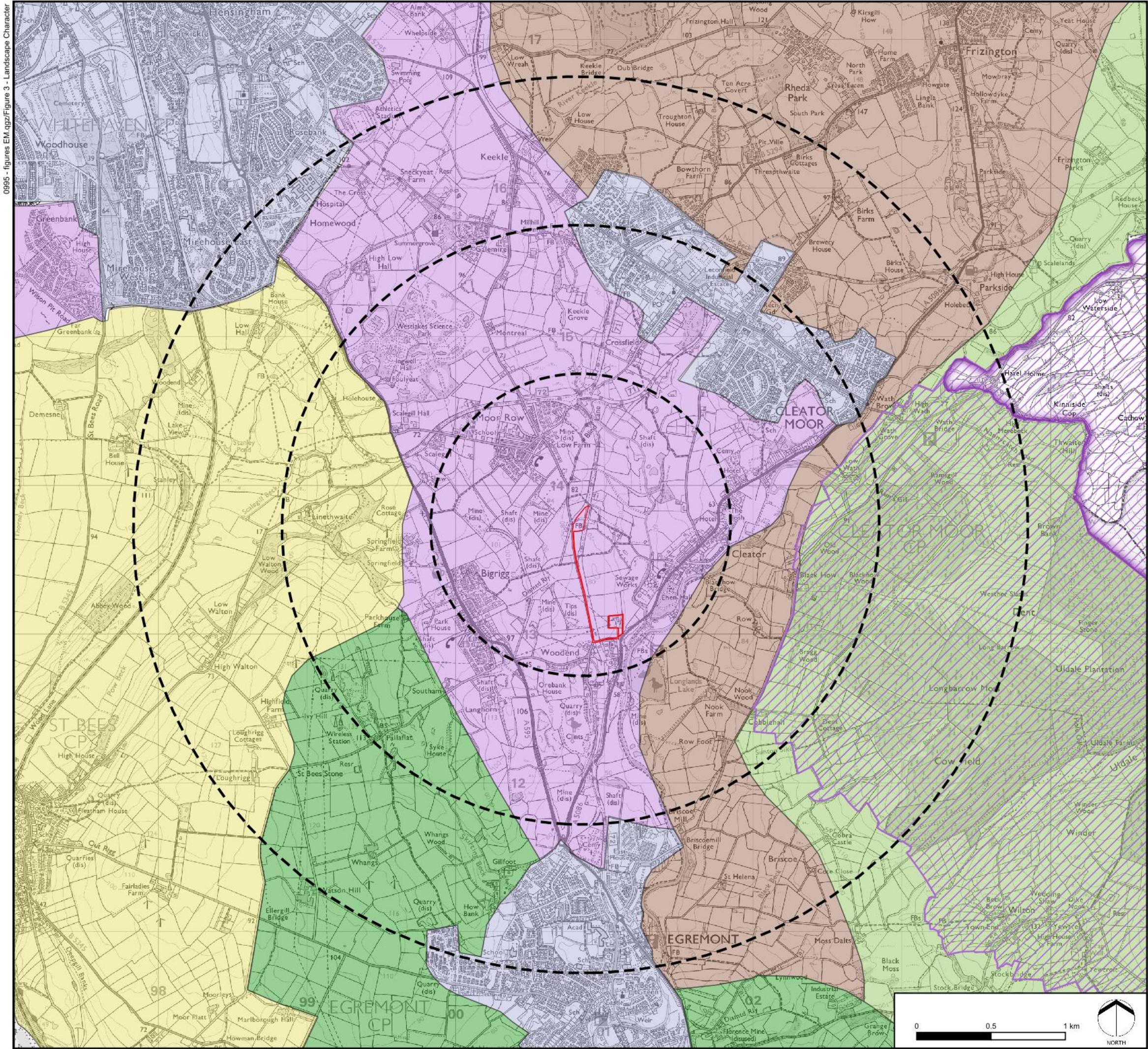
Site Boundary

Distance Radii from Site Infrastructure (1, 2 and 3km)

National Character Areas (NCA)

Lake District National Park

Lake District National Park Landscape Character Assessment and Guidelines (2021)

LCT J: High Fell Fringe

Cumbria Landscape Character Assessment (2011)

00: Urban

4: Coastal Sandstone

5a: Lowland - Ridge and Valley

5b: Lowland - Low Farmland

5d: Lowland - Urban Fringe

11a: Upland Fringe - Foothills

Projected Coordinate System: OSGB36 / British National Grid

DATE	SCALE	PAPER	BY	CHK	QA	REV
MAY 2025	1:25,000	A3	EM	MP	SR	-

0995 - figures EM.qgz/Figure 3 - Landscape Character

0 0.5 1 km

NORTH

STEPHENSON
HALLIDAY
Planning, Landscape & Environment
an **RSK** company

JT ENERGY STORAGE LTD

**FIGURE 4**

Zone of Theoretical Visibility With Screening
Effect of Woodland and Buildings and Viewpoint
Locations

KEY

▭	Site Boundary
●	Proposed Viewpoints
▬	Existing Buildings
▬	Existing Woodland and Vegetation higher than 2.5m

Zone of Theoretical Visibility

▬	BESS units may be visible

FIGURE DATA:

This figure has been based on the following data:

Layout file: D001-bess-units.shp
Terrain data: LiDAR-2022-2m-VOM-DSM.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 2m

NOTES:

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands, vegetation higher than 2.5m, and buildings.

A digital surface model (DSM) has been derived from DEFRA National LiDAR Programme 2022 2m DTM height data. Locations of buildings have been taken from the OS Open Map Local dataset. Locations of woodland and vegetation higher than 2.5m have been taken from the Environment Agency's Vegetation Object Model dataset. Heights of buildings, woodland and vegetation have been taken from DEFRA First Return 2022 2m DSM height data.

The actual extent of visibility on the ground will be less than that suggested by this plan.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 2m² resolution.

Projected Coordinate System: OSGB36 / British National Grid

DATE	SCALE	PAPER	BY	CHK	QA	REV
MAY 2025	1:25,000	A3	CU	MP	SR	-

Contains Ordnance Survey data © Crown copyright and database right 2025

0   0.5   1 km

NORTH