

# Minerals Local Plan Review

## Member Briefing Session

Richard Greaves

Chief Planning Officer – County Planning

Ian Blake

Partner – BPP Consulting

Amber Leversedge

Assistant Environmental Consultant – Stantec

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# Running Order

- **Why are Minerals important**
- **What we plan for in Essex**
- **The Essex Minerals Local Plan Review – update**
- **Scenarios and Forecasting**
- **Call for sites**
- **Assessment of potential sites for allocation (Ian Blake)**
- **Next Steps and proposed engagement**



# Minerals....

What are they and why are they so important?



# Making the Links – Minerals Video

Hand over to Lauren Keeling



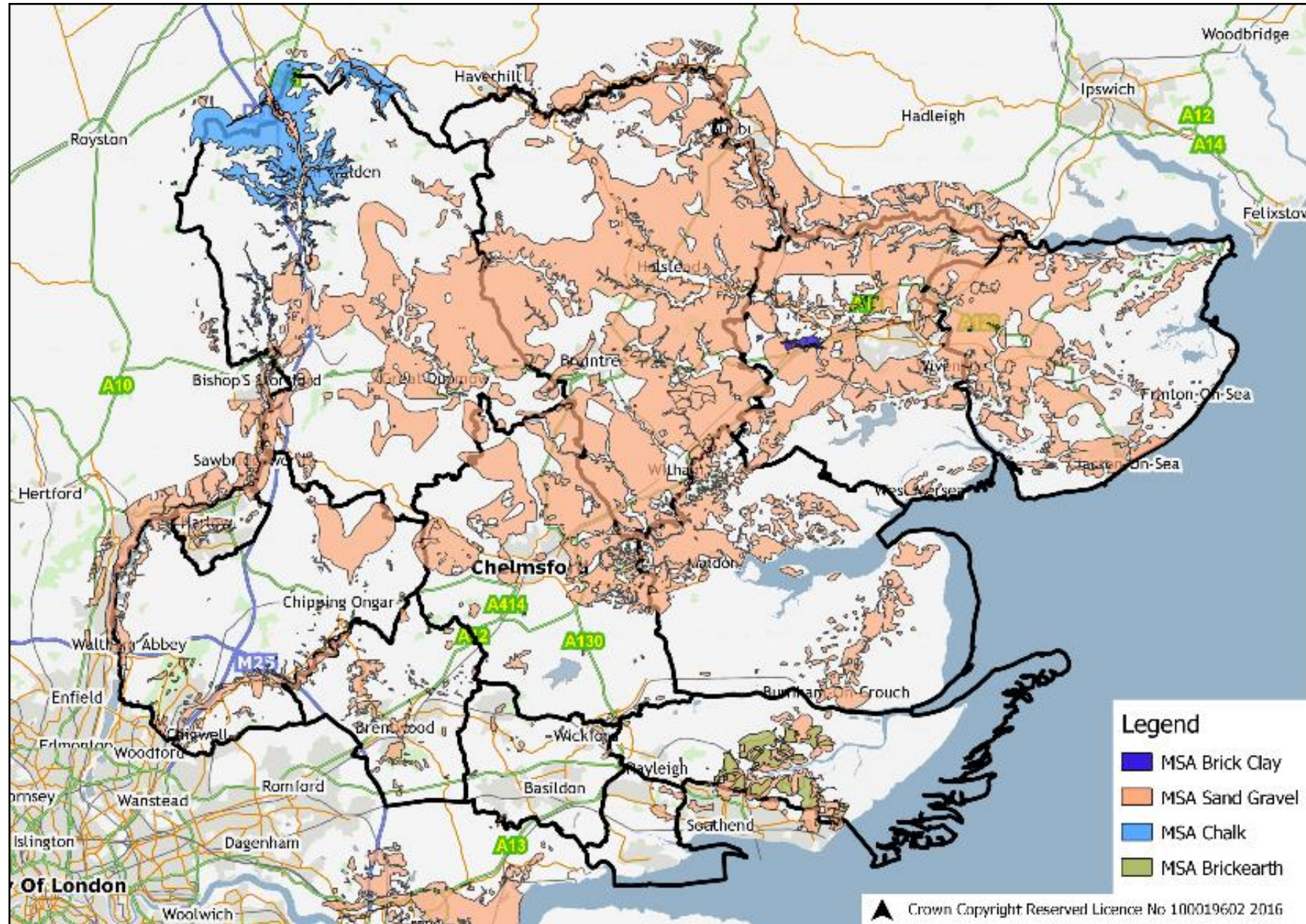
# In Essex

**Sand and Gravel deposits commonly known as aggregates.**

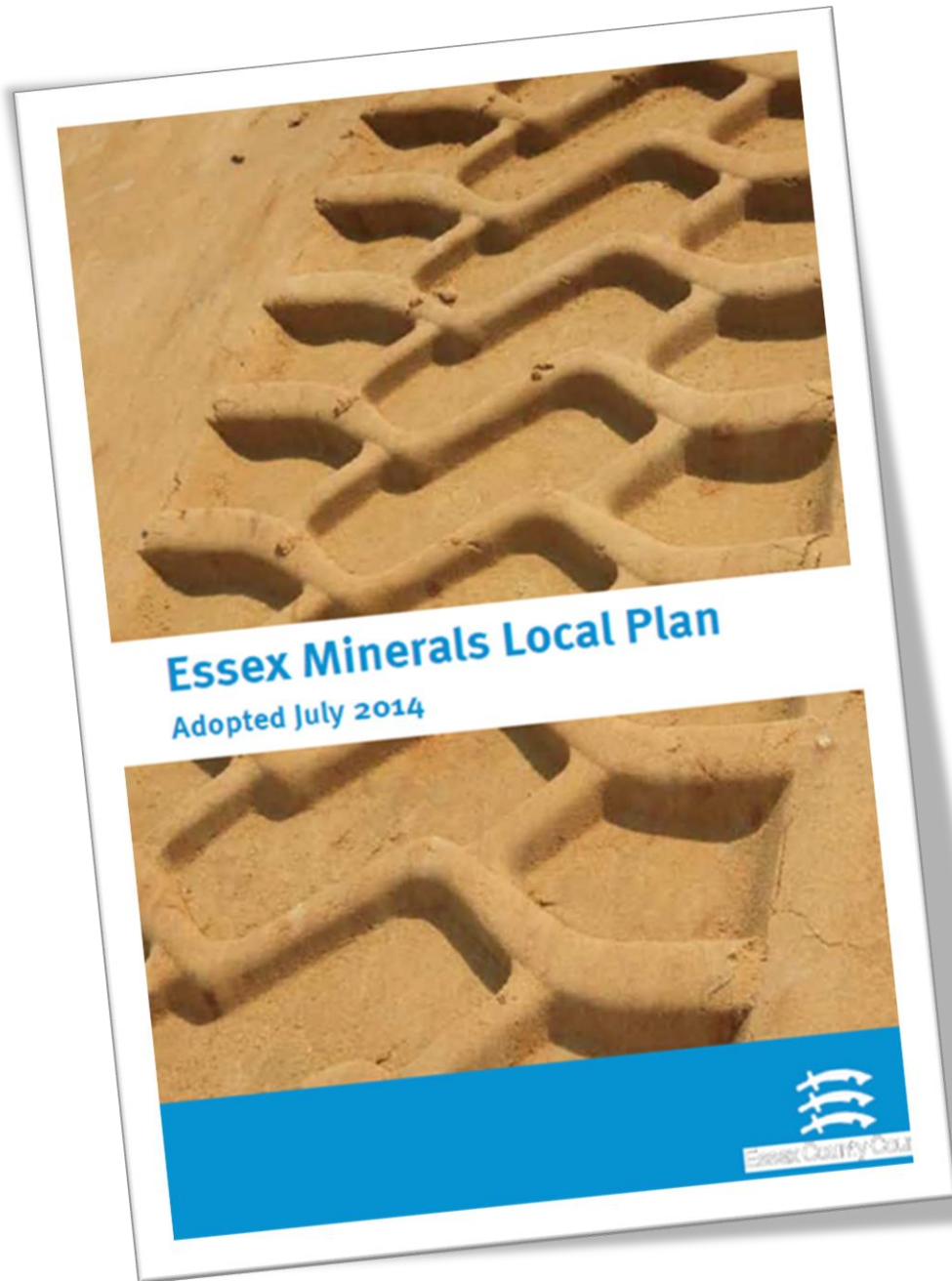
**But also: Chalk, Brick Clay, Brickearth and Silica Sand**



*“Minerals can only be worked where they are found”...*



# Minerals Local Plan Review - where we were and where we are now



- Prepared a detailed assessment of the effectiveness of the Plan in 2019
- Numerous rounds of Duty to Cooperate (DTC) esp. with LPA partners 2020 to 2022
- Consulted on proposed update and changes in 2022.
- Over 60 responses with many from Industry challenging our approach esp. that no new sites are needed.
- **Recommendation is we need additional sites to have a 'steady and adequate' supply of aggregates in Essex to 2040 and beyond.**
- **Conducted x2 'Call for Sites'**

# Allocation of Mineral Sites – Key Stages

| Stage                          | When             | Activity   |
|--------------------------------|------------------|--|
| Stage 1                        | Autumn 2021      | Assess requirement for new site allocations to meet need for sand and gravel   |
| Stage 2                        | Feb to Mar 2022  | First Call for Sites (37 sites submitted)  |
| Stage 3                        | July 2022        | Reassessment of requirement for new site allocations to meet need for sand and gravel  |
| Stage 4                        | Sept to Nov 2022 | Second Call for Sites (19 nominated)   |
| Stage 5 - <b>CURRENT STAGE</b> | Feb to Nov 2023  | Assessment of suitability of Candidate Sites <ul style="list-style-type: none"> <li>- Sustainability Appraisal</li> <li>- Site Assessment Report</li> </ul>  |
| Stage 6                        | January 2024     | Consultation on Site Assessment Report (Reg 18) - 6 weeks  |
| Stage 7                        | TBC              | Consider comments and confirm Sites for Allocation   |
| Stage 8                        | TBC              | Publication of Sites for Allocation for representations (Reg 19)   |
| Stage 9                        | TBC              | Independent examination of Sites for Allocation including: <ul style="list-style-type: none"> <li>• Submission</li> <li>• Examination inc. hearings</li> <li>• Publication of modifications to Sites for Allocation</li> <li>• Inspector's Report</li> </ul> |
| Stage 10                       | TBC              | Adoption of Updated MLP including Allocated Sites  |

# Calculating Mineral Provision

**‘Apportionment’ – the amount of mineral, expressed as an annual figure, that equates to a ‘steady and adequate’ supply of mineral to support development needs.**

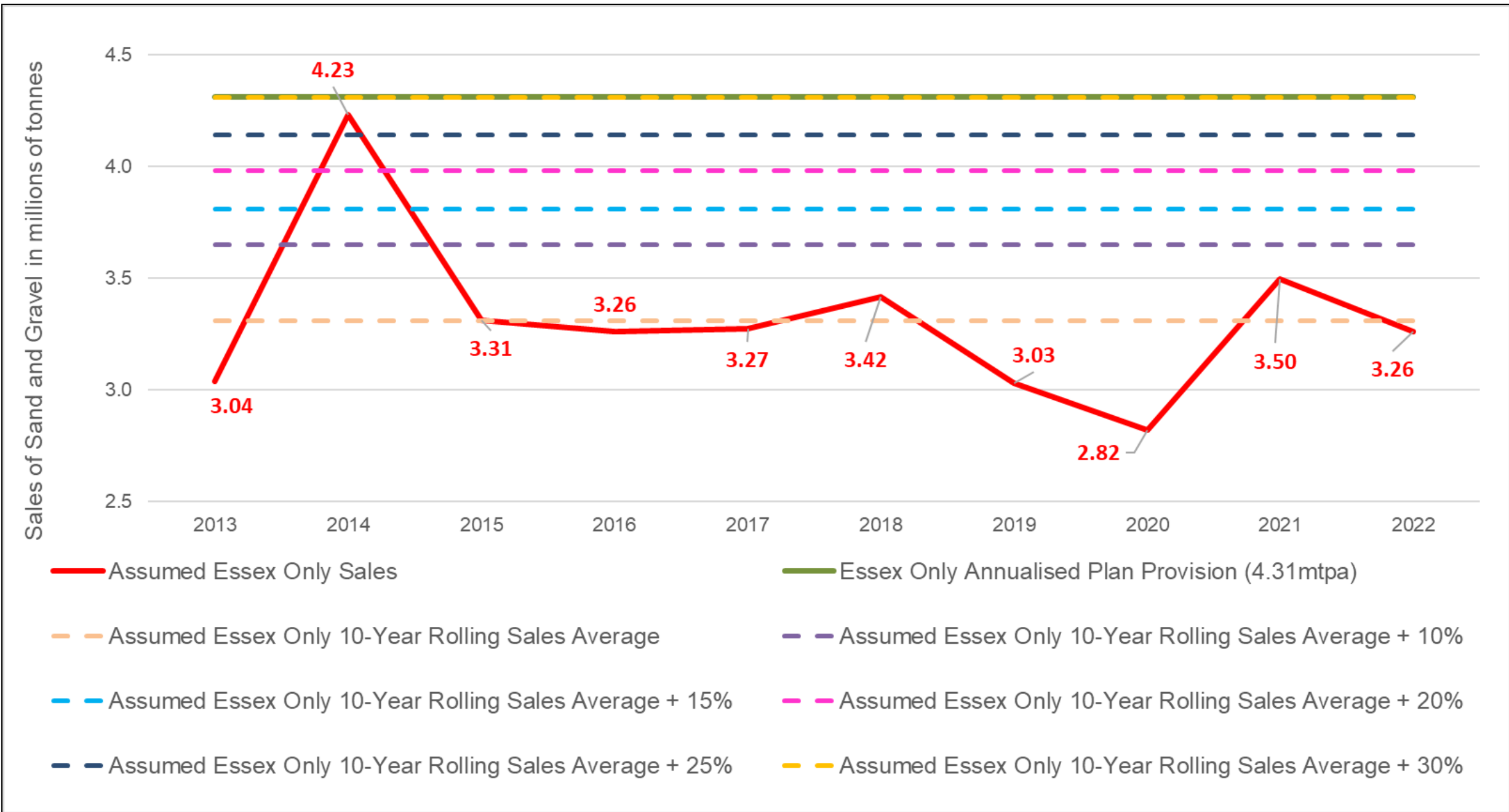
**NPPF derived methodology is to ‘...forecast future demand, based on a rolling average of 10 years’ sales data and other relevant local information...’**

**Previously derived from ‘National and regional guidelines for aggregates provision in England 2005 to 2020’ – now obsolete.**



|         |         |         |
|---------|---------|---------|
| 125,058 | 154,568 | 95,054  |
| 125,487 | 56,845  | 97,511  |
| 124,000 | 110,000 | 99,011  |
| 105,450 | 150,000 | 99,216  |
| 86,502  | 35,000  | 101,090 |
|         | 83,000  | 101,684 |
|         | 45,000  | 101,962 |
|         |         | 102,747 |
|         |         | 2,006   |

# Scenarios for Revising MLP Sand and Gravel Apportionment




# Forecasting the Sand and Gravel Landbank (years based on 10 yr avg + 20% = 3.98mtpa)


|  | Year<br>(As of 31 Dec) | Scenario One       | Scenario Two                 | Scenario Three   | Scenario Four  |
|--|------------------------|--------------------|------------------------------|--|--|
|  |                        | Permitted Landbank | Permitted & Pending Landbank | Permitted/ Pending & All remaining Allocated Site Landbank | Permitted/ Pending & All remaining Allocated & Reserve Site Landbank |
| Plan Period                                    | 2022                   | 8.45               | 8.94                         | 8.94   | 8.94   |
|  | 2023                   | 7.45               | 7.94                         | 7.94   | 7.94   |
|  | 2024                   | 6.45               | 6.94                         | 6.94   | 6.94   |
|  | 2025                   | 5.45               | 5.94                         | 5.94   | 5.94   |
|  | 2026                   | 4.45               | 4.94                         | 4.94   | 4.94   |
|  | 2027                   | 3.45               | 3.94                         | 3.94   | 3.94   |
|  | 2028                   | 2.45               | 2.94                         | 4.95   | 4.95   |
|  | <b>2029</b>            | <b>1.45</b>        | <b>1.94</b>                  | <b>3.95</b>  | <b>4.58</b>  |
| Extended Plan Period (to 2040)                 | 2030                   | 0.45               | 0.94                         | 2.95   | 3.58   |
|  | 2031                   | -0.55              | -0.06                        | 1.95   | 2.58   |
|  | 2032                   | -1.55              | -1.06                        | 0.95   | 1.58   |
|  | 2033                   | -2.55              | -2.06                        | -0.05  | 0.58   |
|  | 2034                   | -3.55              | -3.06                        | -1.05  | -0.42  |
|  | 2035                   | -4.55              | -4.06                        | -2.05  | -1.42  |
|  | 2036                   | -5.55              | -5.06                        | -3.05  | -2.42  |
|  | 2037                   | -6.55              | -6.06                        | -4.05  | -3.42  |
|  | 2038                   | -7.55              | -7.06                        | -5.05  | -4.42  |
|  | 2039                   | -8.55              | -8.06                        | -6.05  | -5.42  |
|  | <b>2040</b>            | <b>-9.55</b>       | <b>-9.06</b>                 | <b>-7.05</b>   | <b>-6.42</b>   |
| 7 years landbank after end of 2040 plan period | 2041                   | -10.55             | -10.06                       | -8.05  | -7.42  |
|  | 2042                   | -11.55             | -11.06                       | -9.05  | -8.42  |
|  | 2043                   | -12.55             | -12.06                       | -10.05   | -9.42  |
|  | 2044                   | -13.55             | -13.06                       | -11.05   | -10.42   |
|  | 2045                   | -14.55             | -14.06                       | -12.05   | -11.42   |
|  | 2046                   | -15.55             | -15.06                       | -13.05   | -12.42   |
|  |                        | <b>2047</b>        | <b>-16.55</b>                | <b>-16.06</b>  | <b>-14.05</b>  |

# Conclusion

MLP Review allows for a reduction in the annual apportionment to better reflect sales since the MLP was adopted.



However, even with that reduction, we are not able to demonstrate a seven-year landbank from 2024 without new sites coming forward.



If we run out of sites, we lose the ability to have a Plan-led approach to sustainable mineral provision. So, we need Plan with new sites that produce sufficient tonnage to 2040 + 7 years beyond.





# Assessment of Potential Mineral Site Allocations

Ian Blake - BPP Consulting  
Amber Leversedge - Stantec UK



# Mineral Site Assessment

- Assessment establishes the likelihood of planning permission being granted
- Whether site is acceptable in principle
- Highlights where there may be significant issue(s) associated with developing a site
- Thorough, transparent, consistent process
- Involves specialists



# Mineral Site Allocation - Example

## A6 Bradwell Quarry, Rivenhall Airfield - Reserve Site

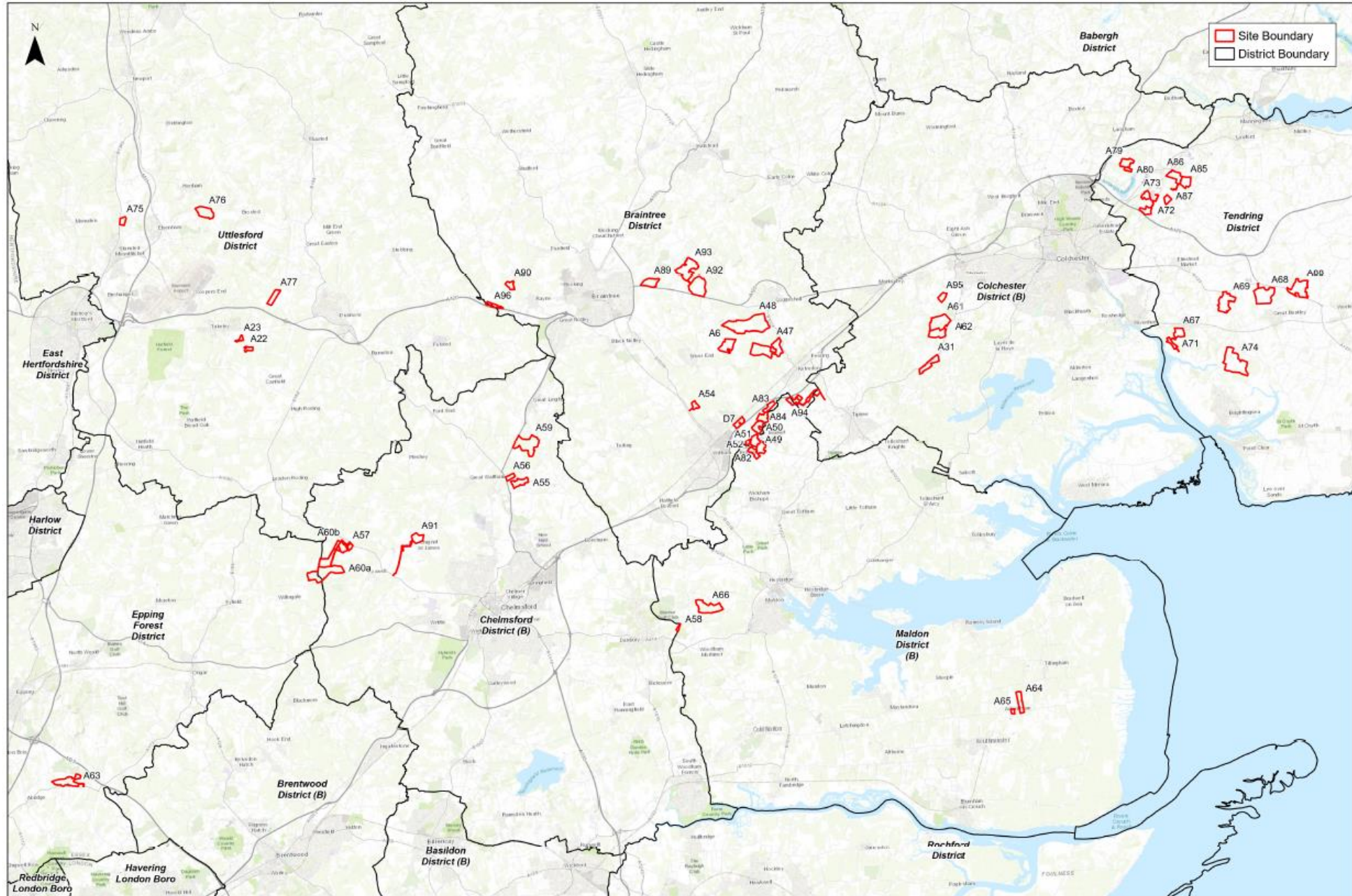
|                       |   |
|-----------------------|---|
| Site                  | A6  |
| Address               | Bradwell Quarry, Rivenhall Airfield   |
| District              | Braintree   |
| Estimated Yield       | 2.5 mt  |
| Area:                 | 37.5 ha   |
| Estimated life        | 2.5 years   |
| Method of exportation | Road  |
| Method of Restoration | Predominately Low level restoration   |
| After-use             | Strategic Waste Management facility on the western side. Restoration to a range of managed habitats (Inc. arable) elsewhere |

### Specific issues to be addressed

Site A6 lies to the east of proposed extension Sites A2/ A5 and south of Site A3. The site encompasses Woodhouse Farm and barn and Allshots Farm and barn (all Grade 2 Listed), a scrapyard and a residential property. The Polish Site is excluded, though surrounded on three sides by the site;

1. Applications for extraction at the site are not supported until such time as the landbank falls below 7 years.
2. Rivenhall has recently received planning permissions for the development of a strategic waste management facility, part of which covers the north-western corner of this site. The working and restoration of site A6, and any other Bradwell extension sites, would need to be integrated with and not compromise permitted waste development.
3. The existing moat at Woodhouse Farm is considered highly sensitive to quarrying activities and measures must be taken to ensure this is not affected, including by dewatering. A basic record of any WW II buildings and structures which survive or may remain within the site should be carried out.
4. The site lies in close proximity to a Listed Building, a historic environment assessment which includes details of appropriate restoration to protect the setting of the Listed Buildings must be agreed as part of any application/ EIA.
5. Storeys Wood Local Wildlife Site (BRA 178) adjoins the southern boundary. An appropriate buffer of at least 15m would be required around this woodland and protection afforded to the woodland contained to the south and west of the site.
6. The ecological compensation area for A2 and strategic waste management facilities within site A6 should be removed from the extraction area.
7. PROW footpath Kelvedon 8 crosses the site and would require temporary diversion during operations.

# Sites Assessed



|  |                      |  |  |                |                  |
|--|----------------------|--|--|----------------|------------------|
|  | Client               | <b>ESSEX COUNTY COUNCIL ASSESSMENT</b><br>Site Location Plan |  | 1:175,000 @ A3 | Date: 19/07/2023 |
|  | Essex County Council |  |  | Drawn: LW      | Checked: AL      |
|  |                      |  |  | Figure: 001    | Rev: A           |

|                  |     |                   |     |                   |         |               |        |               |     |                 |     |                   |     |
|------------------|-----|-------------------|-----|-------------------|---------|---------------|--------|---------------|-----|-----------------|-----|-------------------|-----|
| <b>Braintree</b> | A6  | <b>Chelmsford</b> | A40 | <b>Colchester</b> | A31     | <b>Epping</b> | A63    | <b>Maldon</b> | A58 | <b>Tendring</b> | A67 | <b>Uttlesford</b> | A22 |
|                  | A47 |                   | A55 |                   | A61     |               | 1 Site |               | A64 |                 | A68 |                   | A23 |
|                  | A48 |                   | A56 |                   | A62     | 4 Sites       | A65    |               | A69 |                 | A75 |                   |     |
|                  | A49 |                   | A57 |                   | A95     |               | A66    |               | A70 |                 | A76 |                   |     |
|                  | A50 |                   | A59 | 4 Sites           |         | A67           | A71    | A77           |     |                 |     |                   |     |
|                  | A51 |                   | A60 | 7 Sites           | 4 Sites | A68           | A72    | A78           |     |                 |     |                   |     |
|                  | A52 |                   | A91 |                   |         | A69           | A73    | 5 Sites       |     |                 |     |                   |     |
|                  | A53 | 7 Sites           |     | A70               | A74     | 13 Sites      |        |               |     |                 |     |                   |     |
|                  | A54 | A71               | A75 |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A81 | A72               | A76 |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A82 | A73               | A77 |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A83 | A74               | A78 |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A84 | A75               |     |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A89 | A76               |     |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A90 | A77               |     |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A92 | A78               |     |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A93 |                   |     |                   |         |               |        |               |     |                 |     |                   |     |
|                  | A94 |                   |     |                   |         |               |        |               |     |                 |     |                   |     |
| A96              |     |                   |     |                   |         |               |        |               |     |                 |     |                   |     |
| D7               |     |                   |     |                   |         |               |        |               |     |                 |     |                   |     |
| 18 Sites         |     |                   |     |                   |         |               |        |               |     |                 |     |                   |     |

**Key**

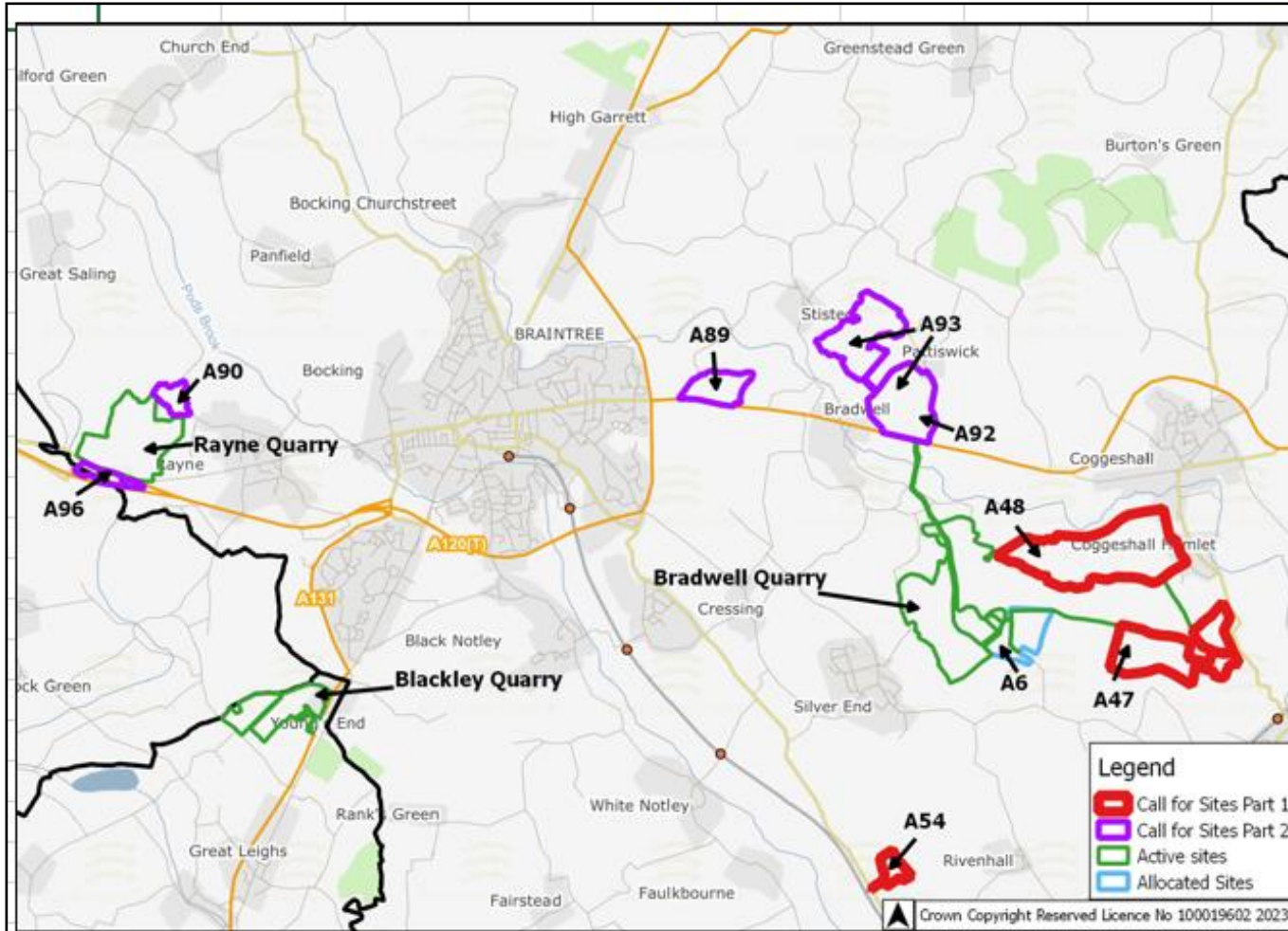
Undelivered Allocations

Call for Sites 1

Call for Sites 2

NOTE - Sites A40, A53, A70, A78 and A81 have been withdrawn from the site assessment process

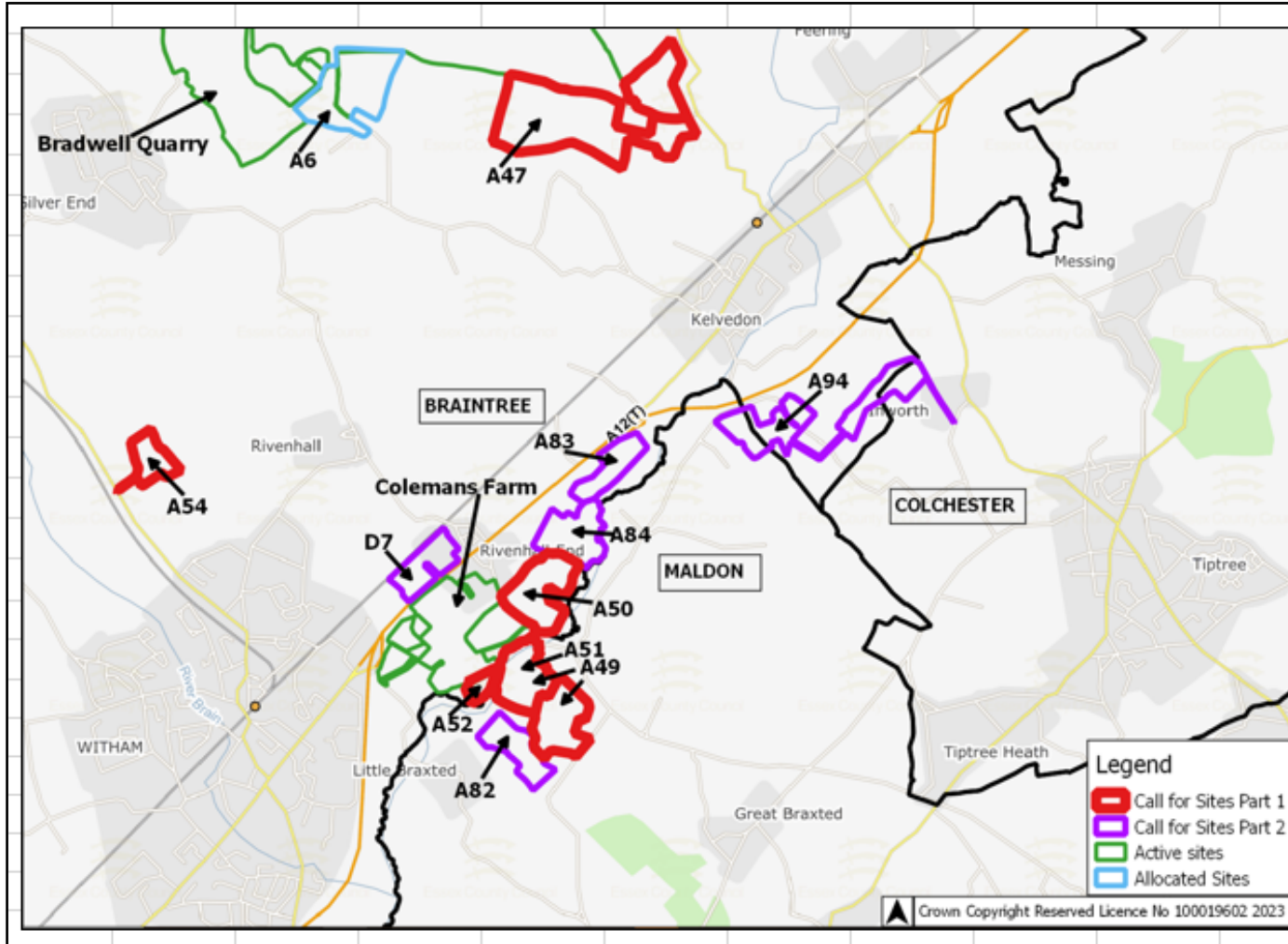
# Braintree



|     |   |  |
|-----|---|--|
| A6  | Bradwell Quarry                           |  |
| A47 | Bradwell - Monk's Farm                    |  |
| A48 | Bradwell - Grange Farm                    |  |
| A54 | Whiteheads - Witham                       |  |
| A81 | REMOVED - Tile Kiln Farm                  |  |
| A89 | Covenbrooke Hall Farm                     |  |
| A90 | Rayne Quarry - Northeast Extension        |  |
| A92 | Land at Pattiswick Hall Farm - Small Site |  |
| A93 | Land at Pattiswick Hall Farm - Full Site  |  |
| A96 | Rayne Quarry - Southern Extension         |  |

NOTE - Site A81 has been withdrawn from the site assessment process

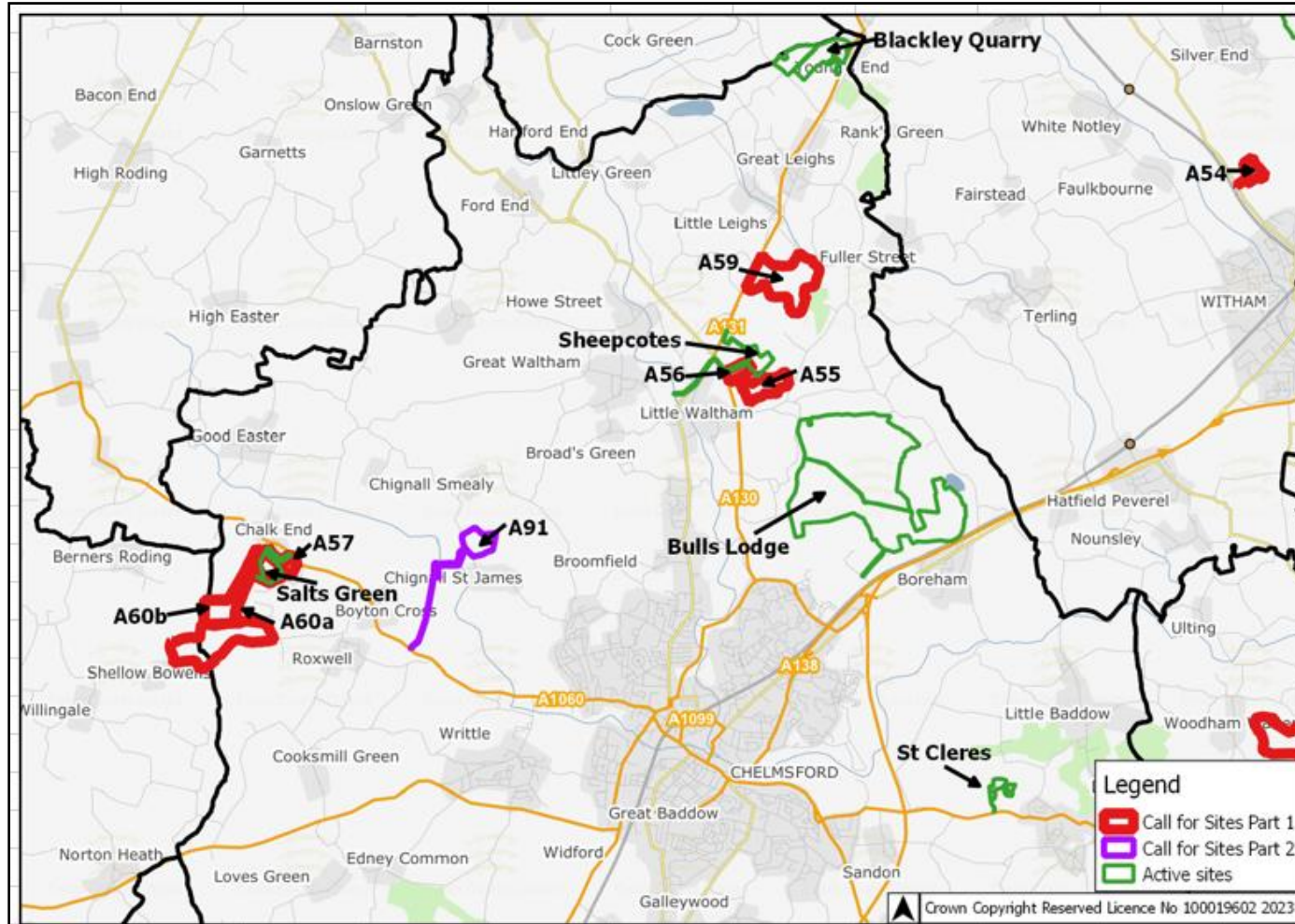
# Braintree cont'd



|     |  |
|-----|--|
| A6  | Bradwell Quarry                                      |
| A47 | Bradwell - Monk's Farm                               |
| A49 | Colemans Farm - Hill Broad Farm FULL SITE            |
| A50 | Colemans Farm - Eastern extension (Appleford Farm)   |
| A51 | Colemans Farm - Northern extension (Hill Broad Farm) |
| A52 | Colemans Farm - Southern extension                   |
| A53 | REMOVED - Colemans Farm - Western extension          |
| A54 | Whiteheads - Witham                                  |
| A82 | Colemans Farm - Elm Springs Extension                |
| A83 | Colemans Farm - Hole Farm                            |
| A84 | Colemans Farm - Appleford Farm North Extension       |
| A94 | Land at Highfields Farm                              |
| D7  | Land at Pond Farm (Transhipment Site)                |

NOTE - Site A53 has been withdrawn from the site assessment process

# Chelmsford

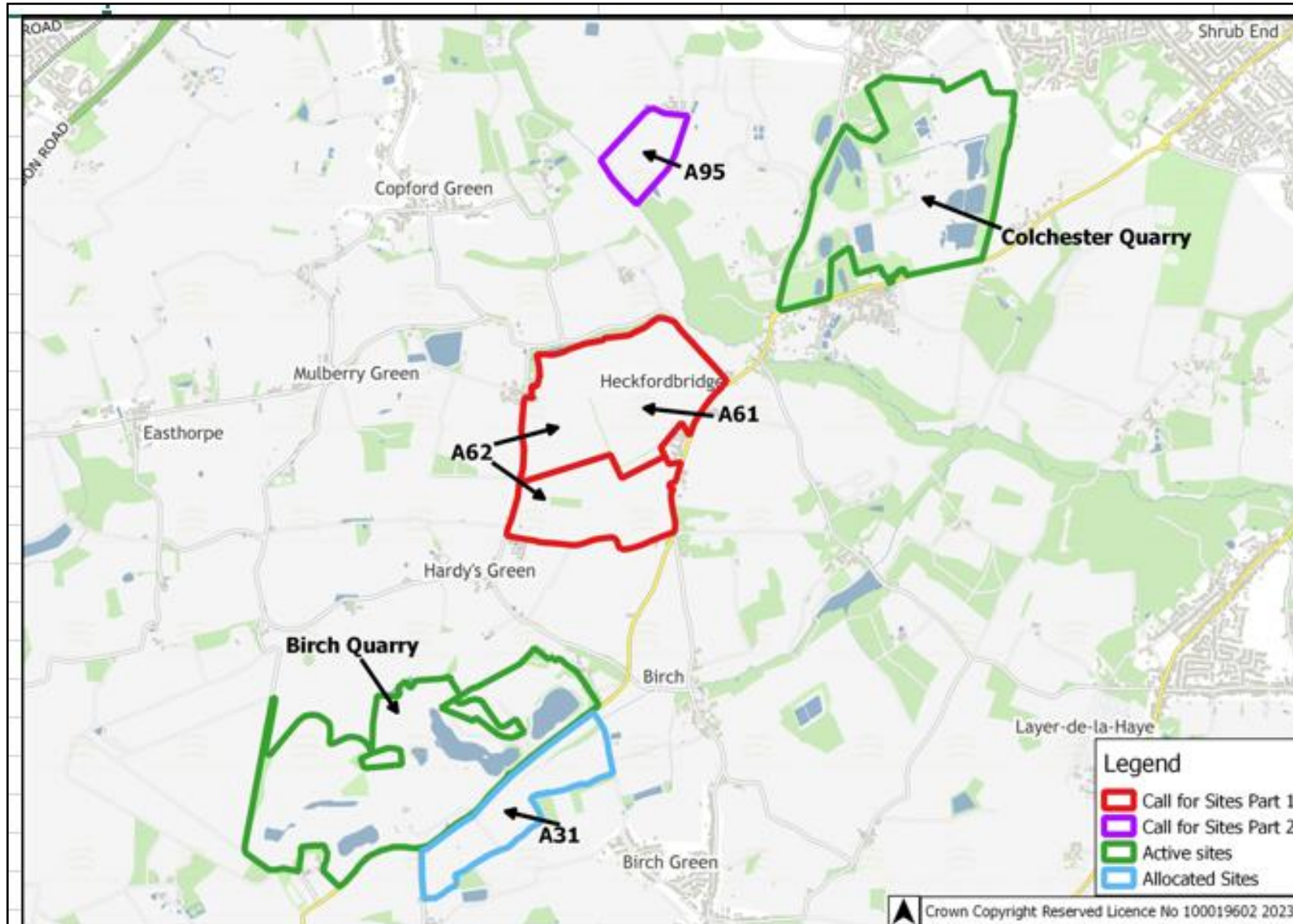


|      |  |
|------|--|
| A40  | REMOVED - Shellows Cross, Roxwell / Willingale |
| A55  | Sheepcotes Southern                            |
| A56  | Sheepcotes Western                             |
| A57  | Chalk End - Roxwell                            |
| A59  | Lowleys Farm - Chelmsford                      |
| A60a | Shellow Cross Farm (A60a) - Chelmsford         |
| A60b | Shellow Cross Farm (A60b) - Chelmsford         |
| A91  | Land at Chignal St James                       |

NOTE - Site A40 has been withdrawn from the site assessment process

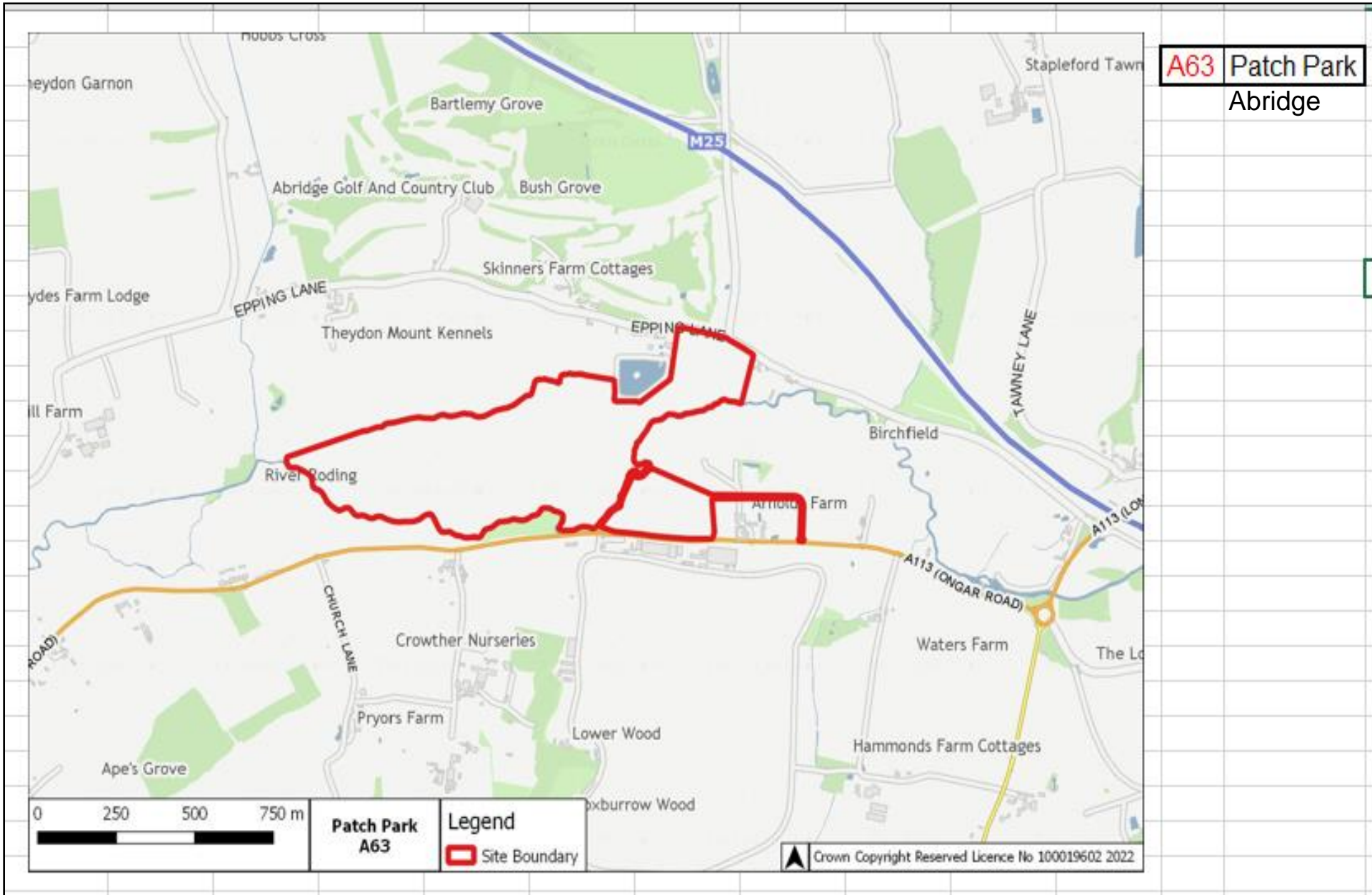


# Colchester



|     |                              |
|-----|------------------------------|
| A31 | Maldon Road, Birch           |
| A61 | Heckfordbridge - Site 1      |
| A62 | Heckfordbridge - Site 2      |
| A95 | Land at Bellhouse Farm South |

# Epping Forest



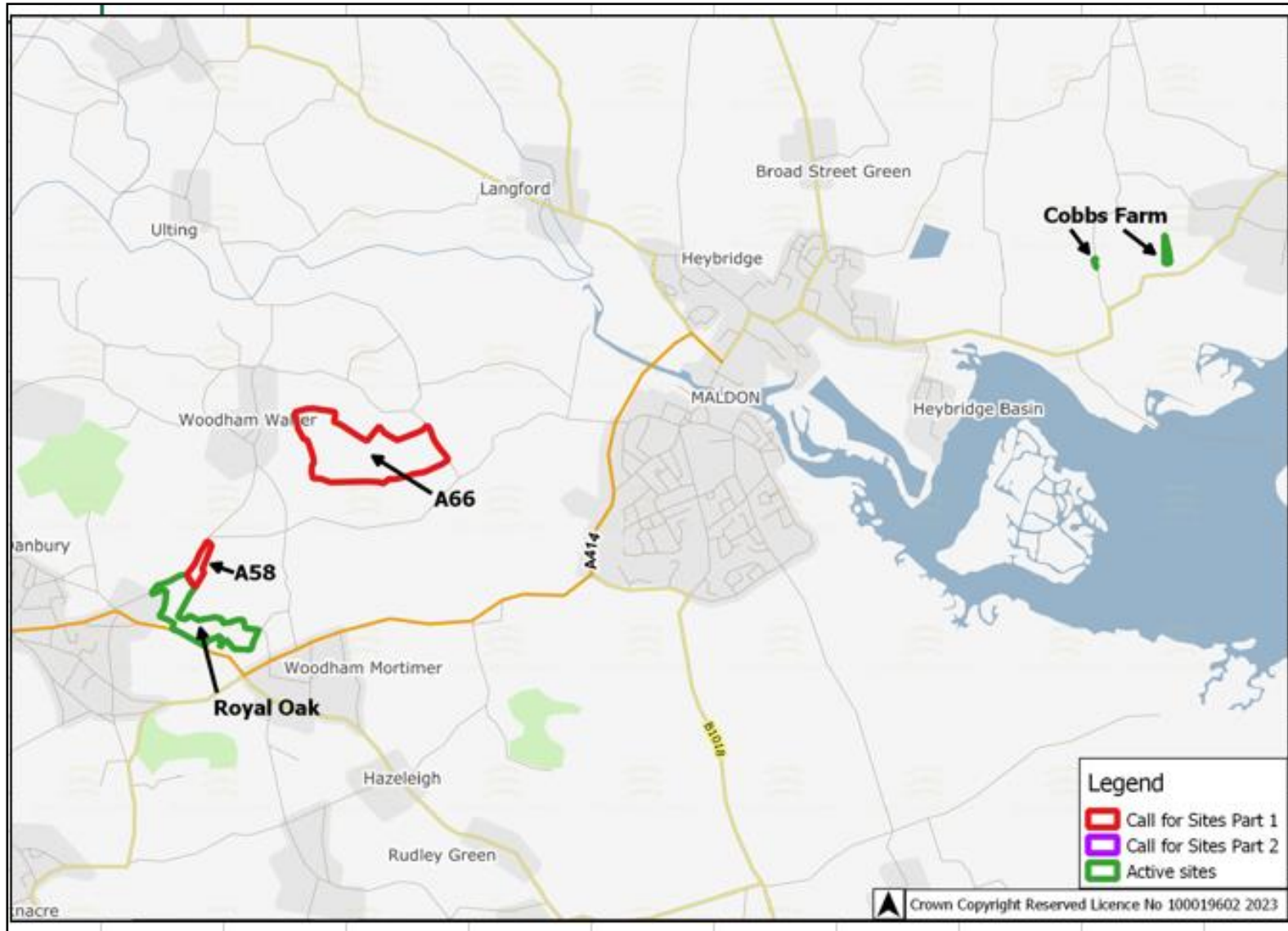
|            |                   |
|------------|-------------------|
| <b>A63</b> | <b>Patch Park</b> |
|            | <b>Abridge</b>    |

# Maldon



|     |                                |
|-----|--------------------------------|
| A64 | Land East of Asheldham Quarry  |
| A65 | Land South of Asheldham Quarry |

# Maldon cont'd

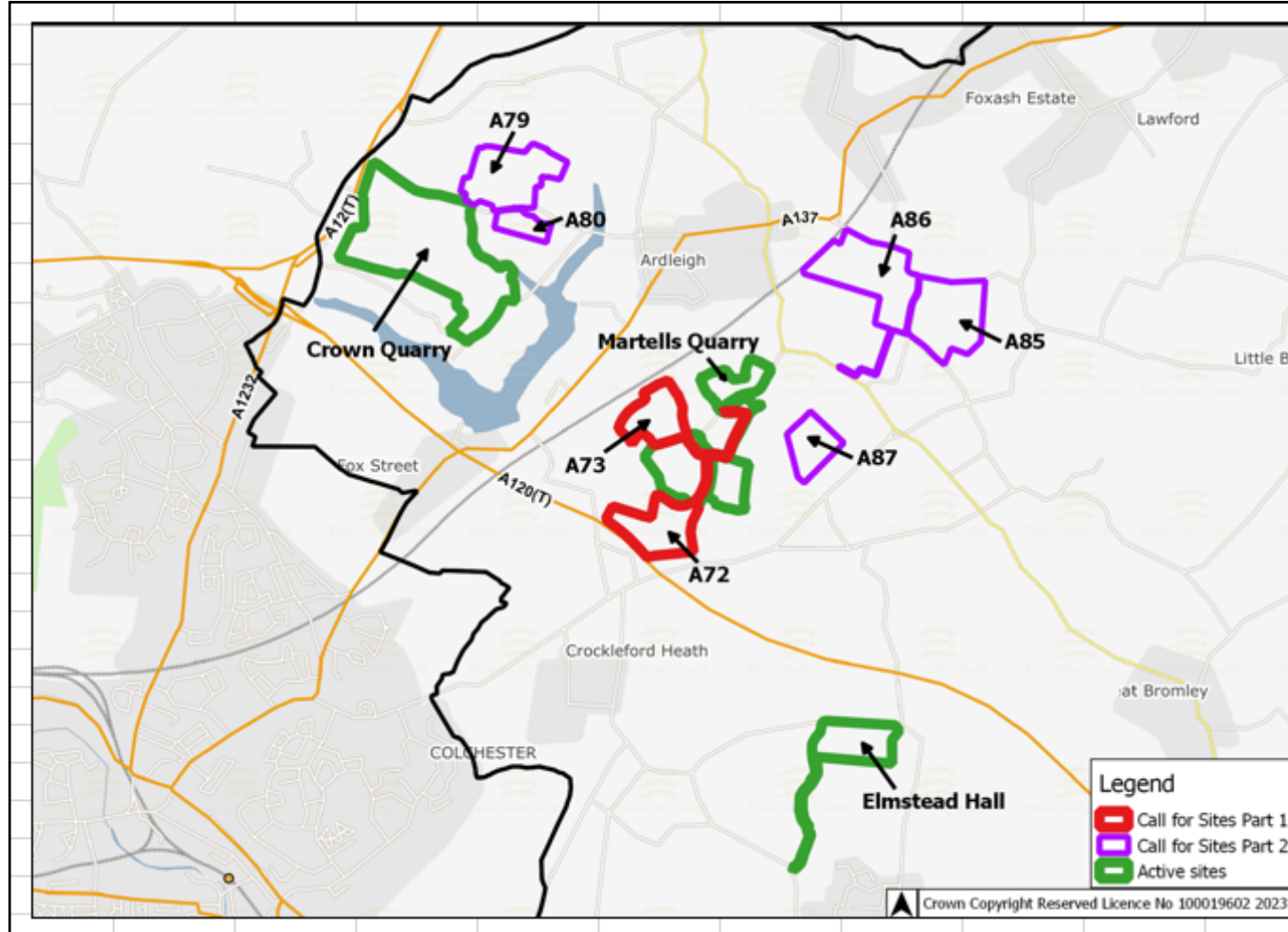


|     |                                   |
|-----|-----------------------------------|
| A58 | Little Smiths - Danbury           |
| A66 | White House Farm - Woodham Walter |

| Legend  |                       |
|---|-----------------------|
|  | Call for Sites Part 1 |
|  | Call for Sites Part 2 |
|  | Active sites          |

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# Tendring

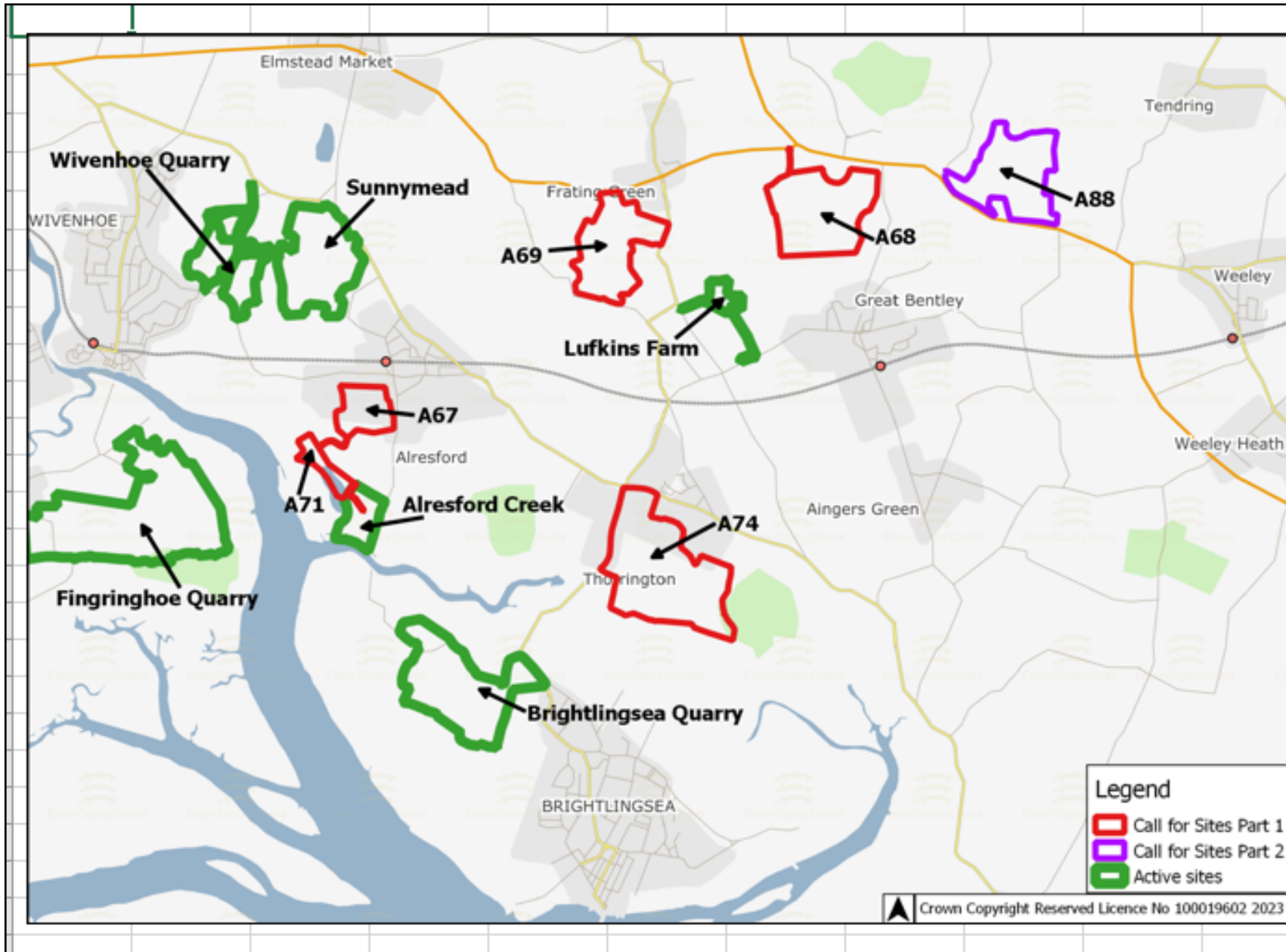


|     |   |
|-----|---|
| A70 | REMOVED - Land at Horsley Cross, nr Manningtree |
| A72 | Martells - Southern extension                   |
| A73 | Martells - Western extension                    |
| A79 | Crown Quarry - North of Wick Lane               |
| A80 | Crown Quarry - South of Wick Lane               |
| A85 | Martells - North of Frating Road (East)         |
| A86 | Martells - North of Frating Road (West)         |
| A87 | Martells - East of Slough Lane                  |

NOTE - Sites A70 has been withdrawn from the site assessment process

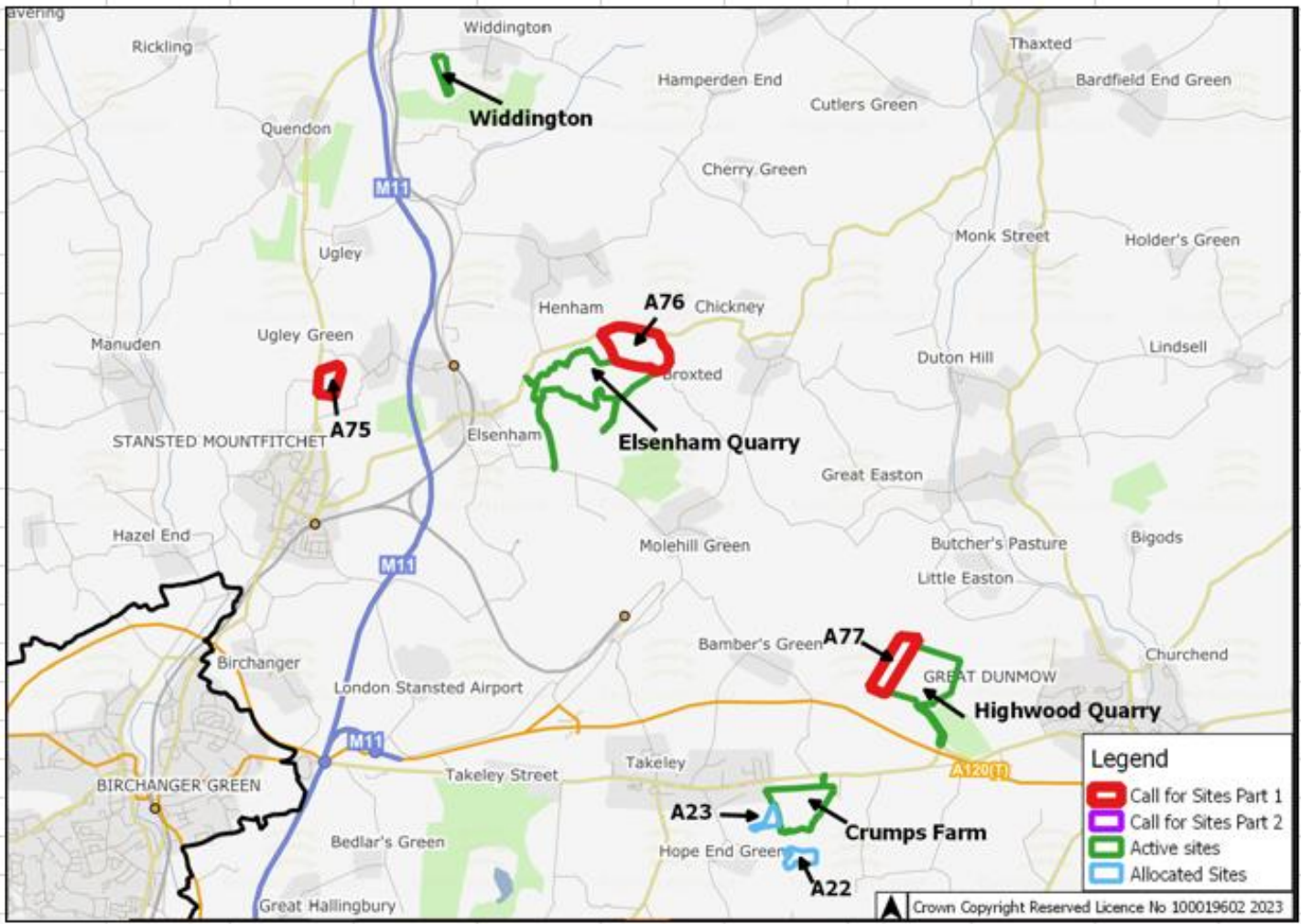


# Tendring cont'd



|     |                               |
|-----|-------------------------------|
| A67 | Church Farm- Alresford        |
| A68 | Crabtree Farm - Great Bentley |
| A69 | Frating Hall                  |
| A71 | Lodge Farm - Alresford        |
| A74 | Thorington Hall Farm          |
| A88 | Gurnhams Farm                 |

# Uttlesford



|     |   |
|-----|---|
| A22 | Little Bullocks Farm (a), Great and Little Canfield |
| A23 | Little Bullocks Farm (b), Great and Little Canfield |
| A75 | Land at Orford, Ugley                               |
| A76 | Elsenham  |
| A77 | West Extension to Highwood Quarry - Little Easton   |
| A78 | REMOVED - Land off Porters Hall Rd, Stebbing        |

NOTE - Site A78 has been withdrawn from the site assessment process

**Legend**

- ▭ Call for Sites Part 1
- ▭ Call for Sites Part 2
- ▭ Active sites
- ▭ Allocated Sites

# Mineral Site Assessment Process

## Assessment of sites includes:

- . 16 assessment criteria
- . Establish assessment methodology for each assessment criteria
- . Validation of information received through the 'Call for Sites'
- . Additional consultation with site promoters if required
- . GIS mapping of sites against relevant features



# Mineral Site Assessment Process

## Assessment of sites includes:

- Assessment criteria to reflect the planning priorities in Essex.
  - Landscape and Visual Sensitivity
  - Biodiversity
  - Historic Buildings
  - Archaeology
  - Flooding
  - Transport
  - Access
  - Public Rights of Way (PRoW)
  - Geo-environmental
  - Hydrology,-Hydrogeology and Drainage
  - Air Quality
  - Soil Quality
  - Services & Utilities
  - Health & Amenity
  - Green Belt
  - Airport Safeguarding Zones



# Mineral Site Assessment

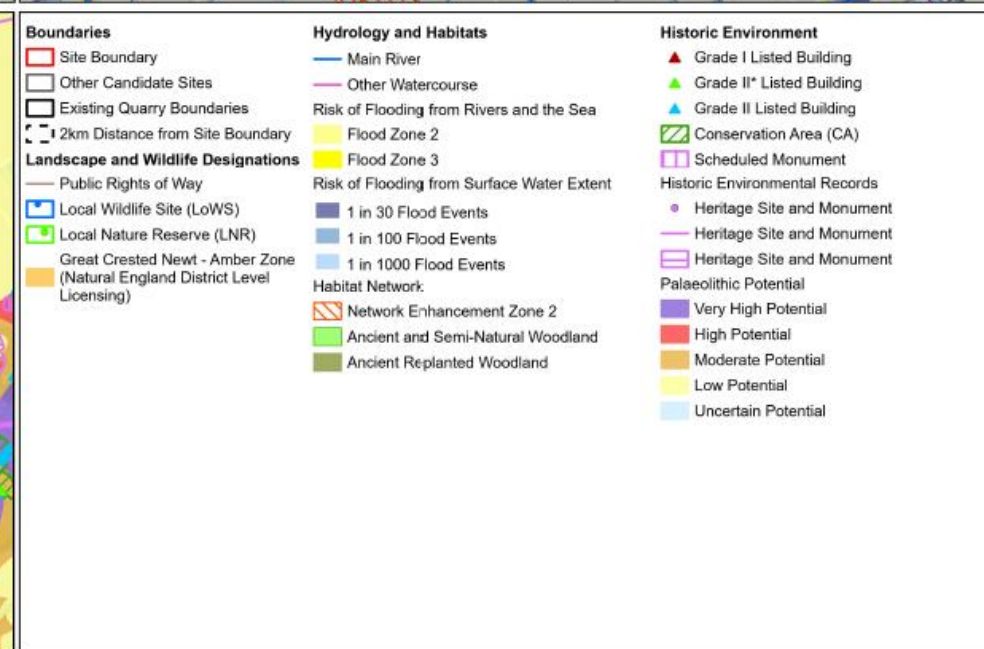
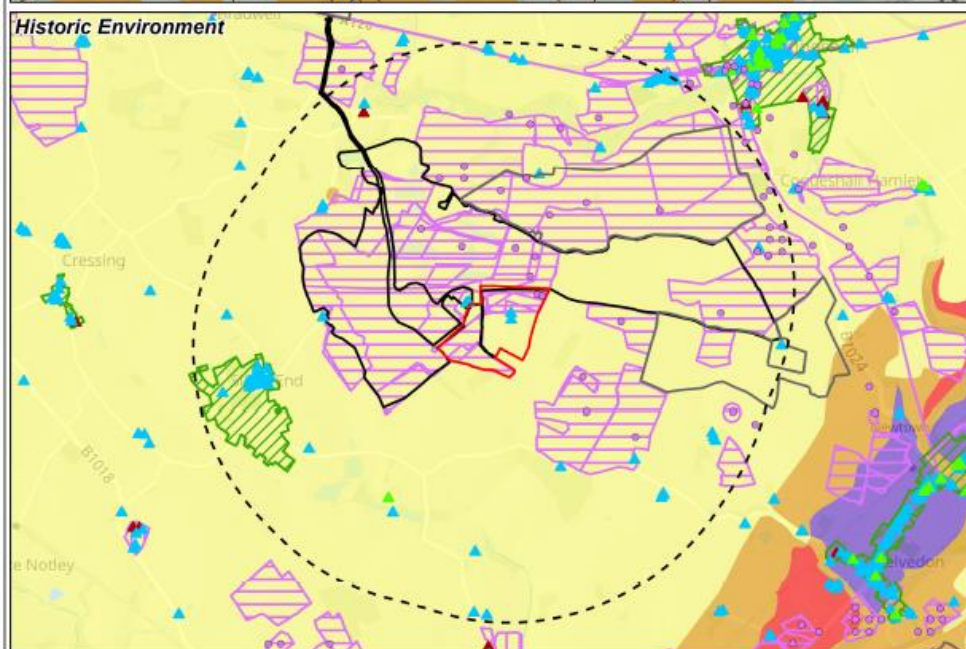
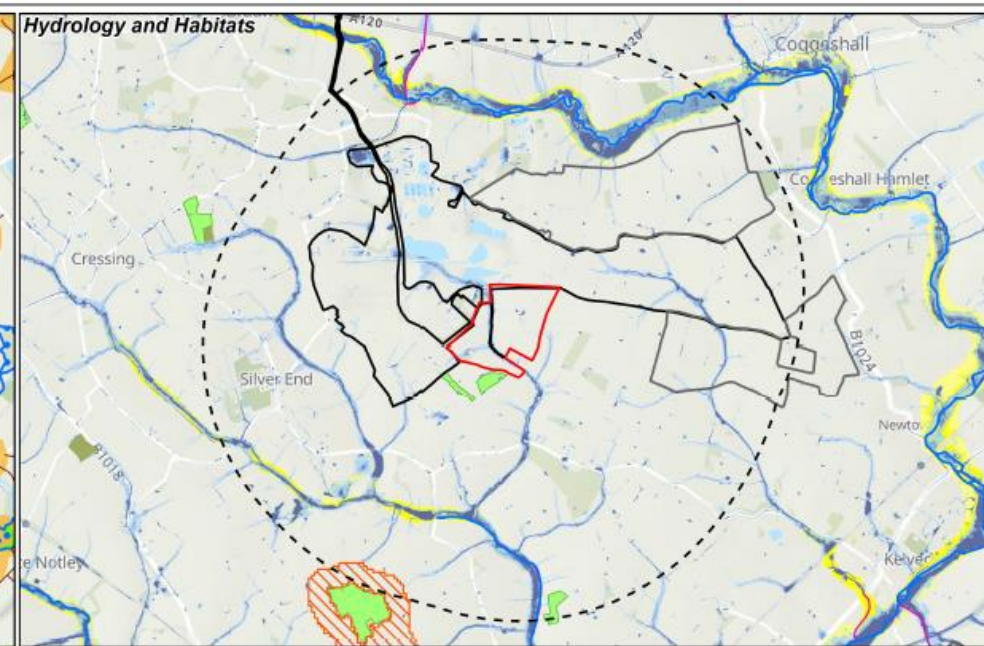
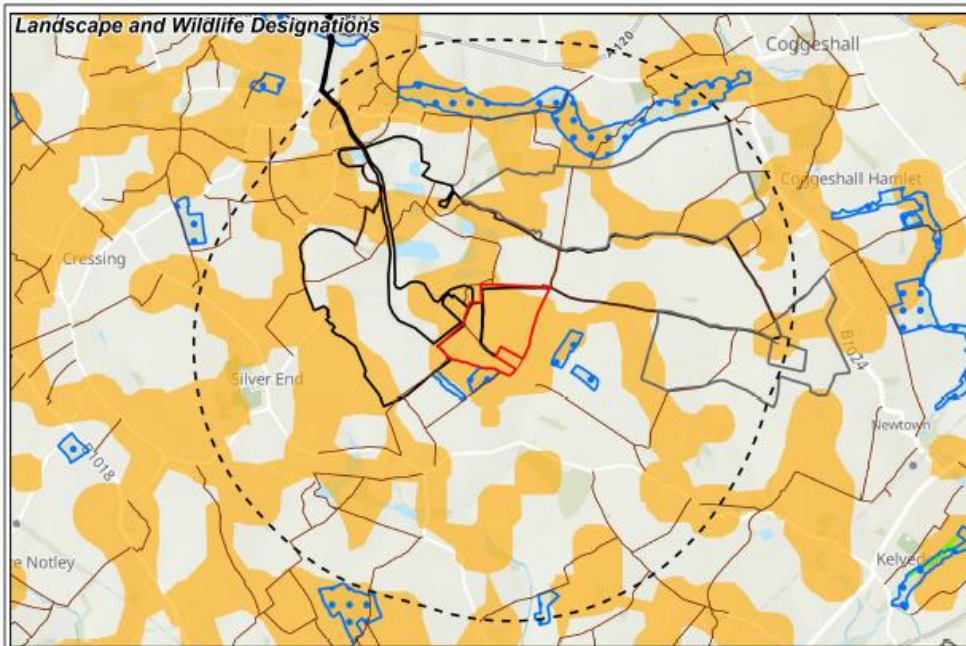
## GIS Mapping

### The following features mapped using GIS include:

- National and international designated sites: AONB; SSSI; SAC; SPA; Ramsar sites; Ancient Monuments; Listed buildings; registered Historic Parks and Gardens; Priority Habitat Inventory; Ancient Woodland
- Local Wildlife Sites (LoWS); Local Nature Reserves (LNR); Special Roadside Verges; Air Quality Areas (AQMA); water resources and flood zones; site geology; Public Rights of Way
- Soil quality (Agricultural Land Classification)
- Hydrology and hydrogeology (Including flooding)
- Essex's road network
- Green Belt (noting that mineral extraction operation is not necessarily inappropriate development in the Green Belt)
- Airport Safeguarding Zones
- Existing utility networks
- Sensitive receptors such as residential areas and education establishments



# GIS Mapping



# Mineral Site Assessment Process

## **Assessment of sites includes:**

- Establish assessment methodology for each criteria
- Validation of information received through the 'Call for Sites'
- Additional consultation with site promoters if required
- GIS mapping of sites against relevant features
- Desktop assessment
- Review any previous assessment:
  - relevant planning applications
  - undertaken as part of the preparation of the adopted MLP
- Visits to sites



# Mineral Site Assessment

## Site Visits

- Visits were made to each site.
- Information collected:
  - site conditions,
  - potential points of access to the highway,
  - proximity to and type of adjoining land uses,
  - potential views of the site from Public Rights of Way,
  - proximal residential, farm and commercial, properties and the wider landscape.
- Documented including with photographs
- For some assessments sites were examined from publicly accessible points only



# Mineral Site Assessment

## Site Visits



Site A67 – steep access track



Site A79 – roads in the vicinity of the site not suitable for HGVs (access via existing Crown Quarry site access)



Site A63 – view looking into Site from northern and southern boundary. River Roding runs adjacent to southern boundary

# Mineral Site Assessment Process

## Assessment of sites includes:

- Establish assessment methodology for each criteria
- Validation of information received through the 'Call for Sites'
- Additional consultation with site promoters if required
- GIS mapping of sites against relevant features
- Desktop assessment
- Review any previous assessment:
  - relevant planning applications
  - undertaken as part of the preparation of the adopted MLP
- Visits to sites
- Application of assessment methodology to derive findings and RAG grade - quantitative and qualitative
- RAG = 'traffic light' (red-amber-green ('RAG')) grade
- A red grade indicates that current assessment suggests site has a constraint(s) that may make it more difficult to allocate



# Mineral Site Assessment

## Outline meaning of RAG grades

| Sensitivity Grade | Description  |
|-------------------|--|
| Red               | The impact is likely to be serious and mitigation to make the Site acceptable would be difficult.                      |
| Red-Amber         | The impact is likely to be major and is likely to require high levels of mitigation to make the Site acceptable.       |
| Amber             | The impact is likely to be moderate and is likely to require medium levels of mitigation to make the Site acceptable.- |
| Amber-Green       | The impact is likely to be minor and may require low levels of mitigation to make the Site acceptable.-                |
| Green             | There is likely to be no impact that requires mitigation.  |

# Mineral Site Assessment

## Cumulative Impacts

### Cumulative impacts:

- Consider impact of other mineral development
- Consider the impacts of other non mineral development i.e., those outside MPA ability to control e.g., planning permission for nearby residential development, or potential existing local plan allocation
- Consider potential cumulative impacts on the environment and local community, along with the impact on the highway network have been identified for each site where applicable
- Identified and assessed separately as subject to change
- Important to take into consideration at an early stage
- RAG grade not applied
- Will be assessed in detail at planning application stages



# **Mineral Site Assessment**

## **Initial Findings**

| Criteria                           | A6        | A22         | A23         | A31         | A47         | A48         | A49       | A50       | A51       | A52         | A54         | A55         | A56         | A57         | A58         | A59         | A60a        | A60b        | A61       | A62       | A63         | A64         | A65         | A66         | A67         | A68         |           |
|------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| Landscape and Visual Sensitivity   | Red/Amber | Amber       | Amber       | Amber       | Amber       | Amber       | Red/Amber | Amber     | Amber     | Amber       | Amber/Amber | Amber       | Amber/Amber | Amber/Amber | Amber/Amber | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber | Red/Amber | Red/Amber   | Amber       | Amber/Amber | Amber       | Amber/Amber | Amber/Amber |           |
| Biodiversity                       | Red/Amber | Amber       | Red/Amber   | Amber       | Amber/Amber | Red/Amber   | Amber     | Amber     | Amber     | Amber       | Amber       | Amber       | Red/Amber   | Amber/Amber | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber   | Amber     | Amber     | Red/Amber   | Amber/Amber | Amber       | Amber       | Red/Amber   | Amber/Amber |           |
| Historic Buildings                 | Red/Amber | Green       | Green       | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber | Amber     | Red/Amber | Amber/Amber | Amber       | Amber       | Green       | Amber/Amber | Green       | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber | Red/Amber | Red/Amber   | Amber       | Red/Amber   | Amber       | Amber       | Red/Amber   | Red/Amber |
| Archaeology                        | Amber     | Amber/Amber | Amber/Amber | Amber       | Amber/Amber | Amber       | Amber     | Amber     | Amber     | Amber       | Amber/Amber | Amber       | Amber/Amber | Amber       | Amber/Amber | Amber       | Red/Amber   | Red/Amber   | Amber     | Amber     | Red/Amber   | Amber       | Amber       | Red/Amber   | Amber       | Red/Amber   | Red/Amber |
| Flooding                           | Amber     | Amber       | Amber       | Amber       | Amber       | Amber/Amber | Amber     | Amber     | Amber     | Red/Amber   | Amber       | Amber       | Green       | Green       | Amber       | Amber       | Amber       | Amber       | Amber     | Amber     | Amber       | Red/Amber   | Amber       | Green       | Amber       | Amber       | Green     |
| Transport                          | Green     | Amber       | Amber       | Green       | Green       | Green       | Red/Amber | Red/Amber | Green     | Green       | Green       | Green       | Green       | Amber/Amber | Green       | Amber/Amber | Amber/Amber | Amber/Amber | Amber     | Amber     | Amber/Amber | Red/Amber   | Red/Amber   | Amber/Amber | Red         | Amber/Amber |           |
| Access                             | Green     | Green       | Green       | Red/Amber   | Green       | Red/Amber   | Green     | Red/Amber | Green     | Green       | Amber/Amber | Green       | Green       | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber | Red/Amber | Red/Amber   | Red/Amber   | Green       | Green       | Red/Amber   | Red/Amber   | Red/Amber |
| Public Rights of Way               | Red/Amber | Green       | Red/Amber   | Green       | Red/Amber   | Red/Amber   | Red/Amber | Green     | Red/Amber | Green       | Green       | Red/Amber   | Green       | Green       | Green       | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber | Red/Amber | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber   | Red/Amber   | Green       | Red/Amber |
| Geo-Environmental                  | Green     | Green       | Green       | Green       | Green       | Green       | Green     | Green     | Green     | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green     | Green     | Green       | Green       | Green       | Green       | Green       | Green       | Green     |
| Hydrology, Hydrogeology & Drainage | Red/Amber | Amber/Amber | Green       | Amber       | Amber       | Red/Amber   | Amber     | Amber     | Amber     | Amber       | Amber/Amber | Amber/Amber | Amber/Amber | Amber       | Amber       | Amber       | Amber       | Amber       | Amber     | Amber     | Amber       | Amber/Amber | Green       | Green       | Red/Amber   | Amber       | Amber     |
| Air Quality                        | Green     | Green       | Green       | Green       | Green       | Green       | Green     | Green     | Green     | Green       | Green       | Green       | Green       | Green       | Green       | Amber       | Green       | Green       | Green     | Green     | Green       | Green       | Green       | Green       | Green       | Green       | Green     |
| Soil Quality                       | Amber     | Amber       | Amber       | Amber/Amber | Amber       | Amber       | Amber     | Amber     | Amber     | Amber       | Amber       | Amber       | Amber       | Amber       | Amber       | Amber       | Amber       | Amber       | Amber     | Amber     | Amber       | Amber/Amber | Amber       | Amber/Amber | Amber       | Amber       | Red/Amber |
| Services & Utilities               | Amber     | Red/Amber   | Amber/Amber | Amber       | Amber       | Amber       | Red/Amber | Red       | Red/Amber | Amber       | Red/Amber   | Amber/Amber | Green       | Amber       | Green       | Amber       | Red/Amber   | Red/Amber   | Red       | Red       | Red         | Amber/Amber | Green       | Green       | Green       | Amber/Amber | Green     |
| Health & Amenity                   | Red       | Green       | Amber       | Red         | Red/Amber   | Red         | Red       | Red/Amber | Red/Amber | Green       | Green       | Red         | Red/Amber   | Amber       | Red/Amber   | Red         | Red         | Red         | Red       | Red       | Red         | Red/Amber   | Red         | Amber       | Red/Amber   | Amber       |           |
| Green Belt                         | Green     | Green       | Green       | Green       | Green       | Green       | Green     | Green     | Green     | Green       | Green       | Green       | Green       | Red/Amber   | Green       | Green       | Red/Amber   | Red/Amber   | Green     | Green     | Red/Amber   | Green       | Green       | Green       | Green       | Green       |           |
| Airport Safeguarding Zones         | Green     | Amber/Amber | Amber/Amber | Green       | Green       | Green       | Green     | Green     | Green     | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green       | Green     | Green     | Green       | Red         | Amber/Amber | Green       | Green       | Green       |           |





# Next Steps and Engagement

- **Separate Local Member briefing sessions to be set up if requested.**
- **A third round of DtC (inc with LPAs).**
- **Parish Council briefing session in advance of consultation.**
- **Regulation 18 consultation – January 2024 (Local Authorities, Mineral Industry, members of the public, including Direct Neighbour Notifications (DNN) any dwelling within 250m of affected site.) Directed by planning legislation/SCI. 6 Weeks.**
- **NB – no preferred sites at this stage**

# Minerals Local Plan Review

[richard.greaves@essex.gov.uk](mailto:richard.greaves@essex.gov.uk)  
[lauren.keeling@essex.gov.uk](mailto:lauren.keeling@essex.gov.uk)

