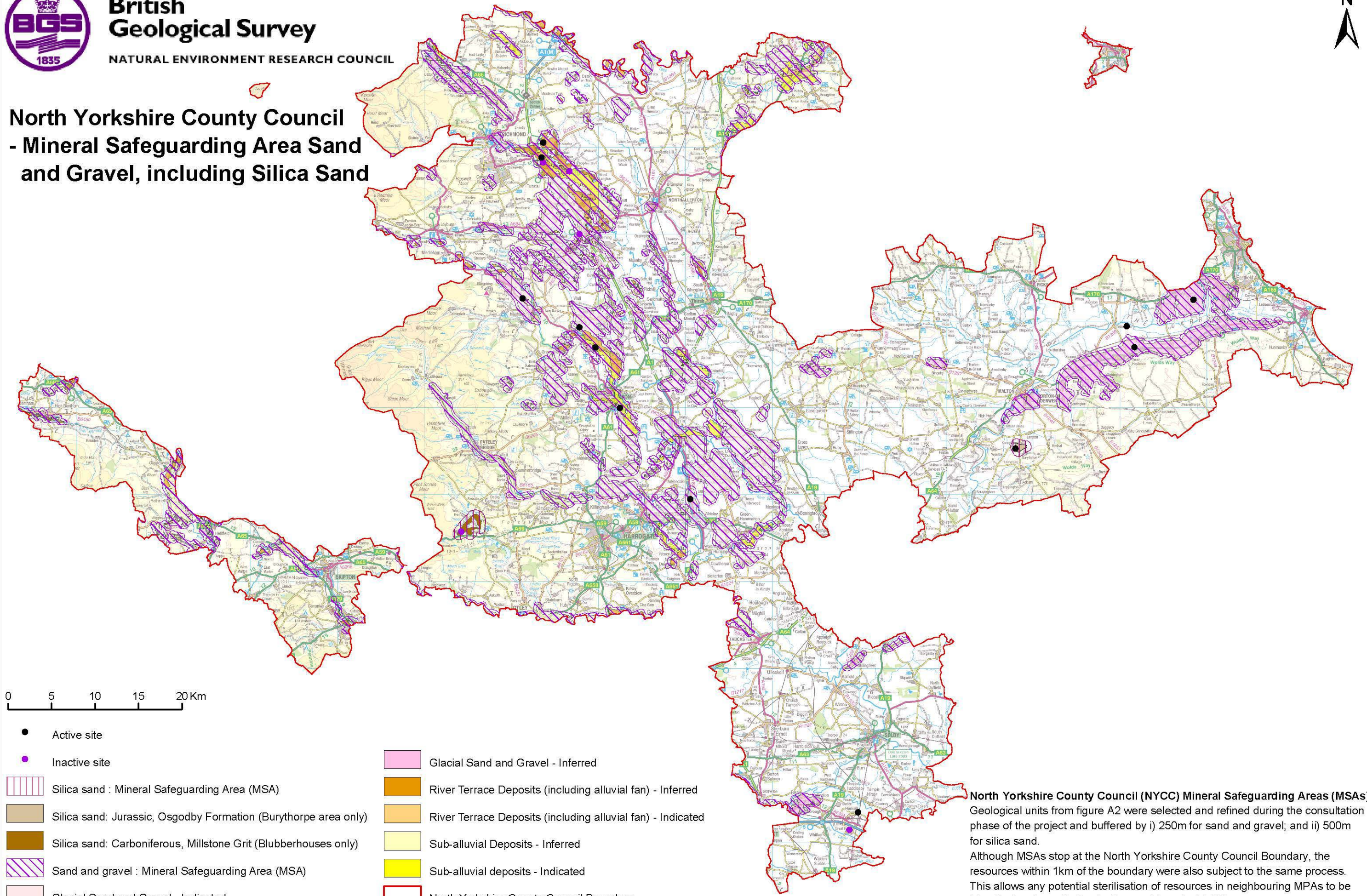




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# North Yorkshire County Council - Mineral Safeguarding Area Sand and Gravel, including Silica Sand



0 5 10 15 20 Km

- Active site
- Inactive site
- ▨ Silica sand : Mineral Safeguarding Area (MSA)
- ▨ Silica sand: Jurassic, Osgodby Formation (Burythorpe area only)
- ▨ Silica sand: Carboniferous, Millstone Grit (Blubberhouses only)
- ▨ Sand and gravel : Mineral Safeguarding Area (MSA)
- ▨ Glacial Sand and Gravel - Indicated
- ▨ Glacial Sand and Gravel - Inferred
- ▨ River Terrace Deposits (including alluvial fan) - Inferred
- ▨ River Terrace Deposits (including alluvial fan) - Indicated
- ▨ Sub-alluvial Deposits - Inferred
- ▨ Sub-alluvial deposits - Indicated
- ▨ North Yorkshire County Council Boundary

**North Yorkshire County Council (NYCC) Mineral Safeguarding Areas (MSAs)**  
 Geological units from figure A2 were selected and refined during the consultation phase of the project and buffered by i) 250m for sand and gravel; and ii) 500m for silica sand.  
 Although MSAs stop at the North Yorkshire County Council Boundary, the resources within 1km of the boundary were also subject to the same process. This allows any potential sterilisation of resources in neighbouring MPAs to be identified as these 'buffers' will extend into the NYCC area.

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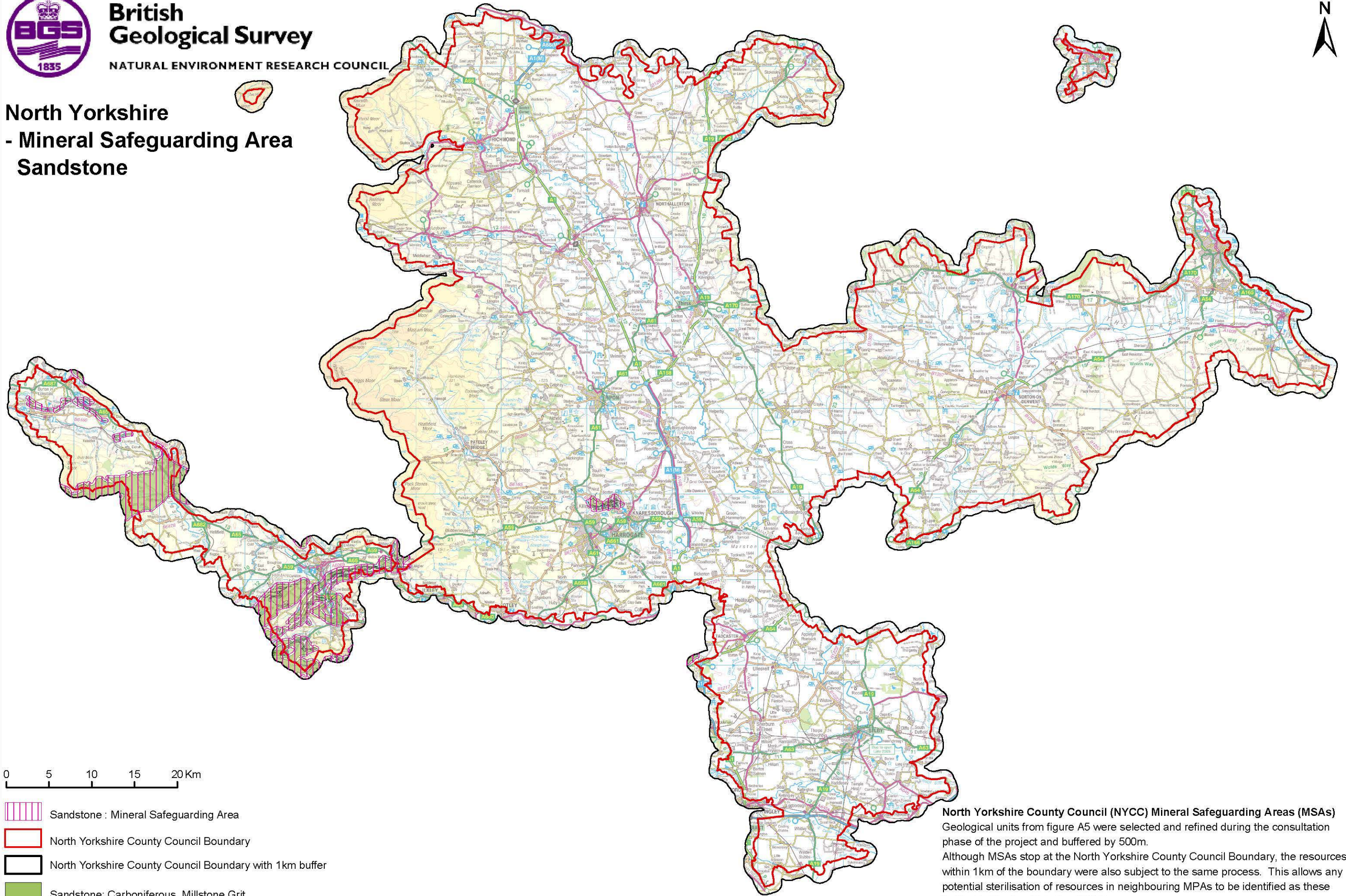


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# North Yorkshire - Mineral Safeguarding Area Sandstone



0 5 10 15 20 Km

- Sandstone : Mineral Safeguarding Area
- North Yorkshire County Council Boundary
- North Yorkshire County Council Boundary with 1km buffer
- Sandstone: Carboniferous, Millstone Grit

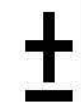
**North Yorkshire County Council (NYCC) Mineral Safeguarding Areas (MSAs)**  
 Geological units from figure A5 were selected and refined during the consultation phase of the project and buffered by 500m.  
 Although MSAs stop at the North Yorkshire County Council Boundary, the resources within 1km of the boundary were also subject to the same process. This allows any potential sterilisation of resources in neighbouring MPAs to be identified as these 'buffers' will extend into the NYCC area.



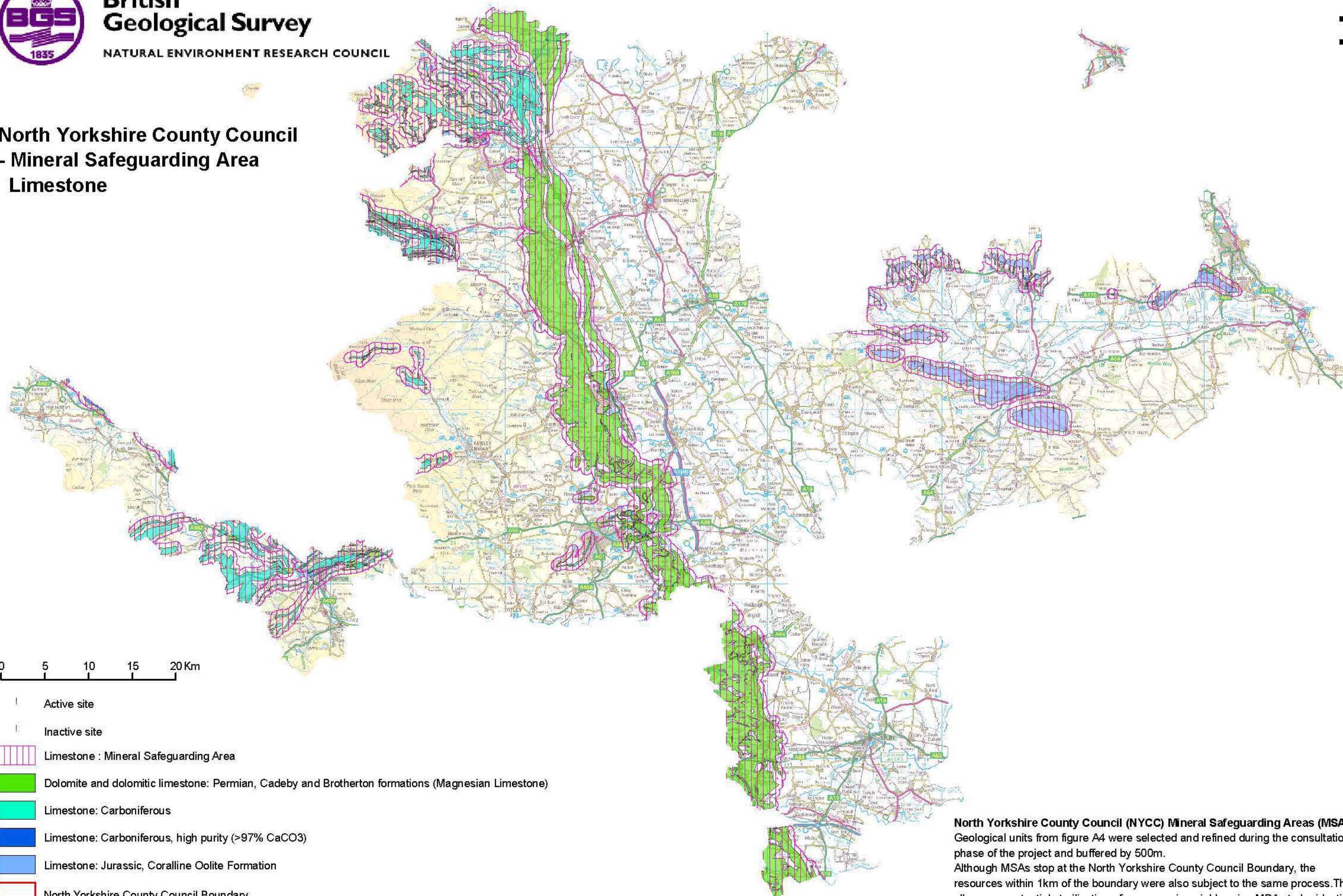


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**North Yorkshire County Council  
- Mineral Safeguarding Area  
Limestone**



0 5 10 15 20 Km

-  Active site
-  Inactive site
-  Limestone : Mineral Safeguarding Area
-  Dolomite and dolomitic limestone: Permian, Cadeby and Brotherton formations (Magnesian Limestone)
-  Limestone: Carboniferous
-  Limestone: Carboniferous, high purity (>97% CaCO3)
-  Limestone: Jurassic, Coralline Oolite Formation
-  North Yorkshire County Council Boundary

**North Yorkshire County Council (NYCC) Mineral Safeguarding Areas (MSAs)**  
Geological units from figure A4 were selected and refined during the consultation phase of the project and buffered by 500m.  
Although MSAs stop at the North Yorkshire County Council Boundary, the resources within 1km of the boundary were also subject to the same process. This allows any potential sterilisation of resources in neighbouring MPAs to be identified as these 'buffers' will extend into the NYCC area.

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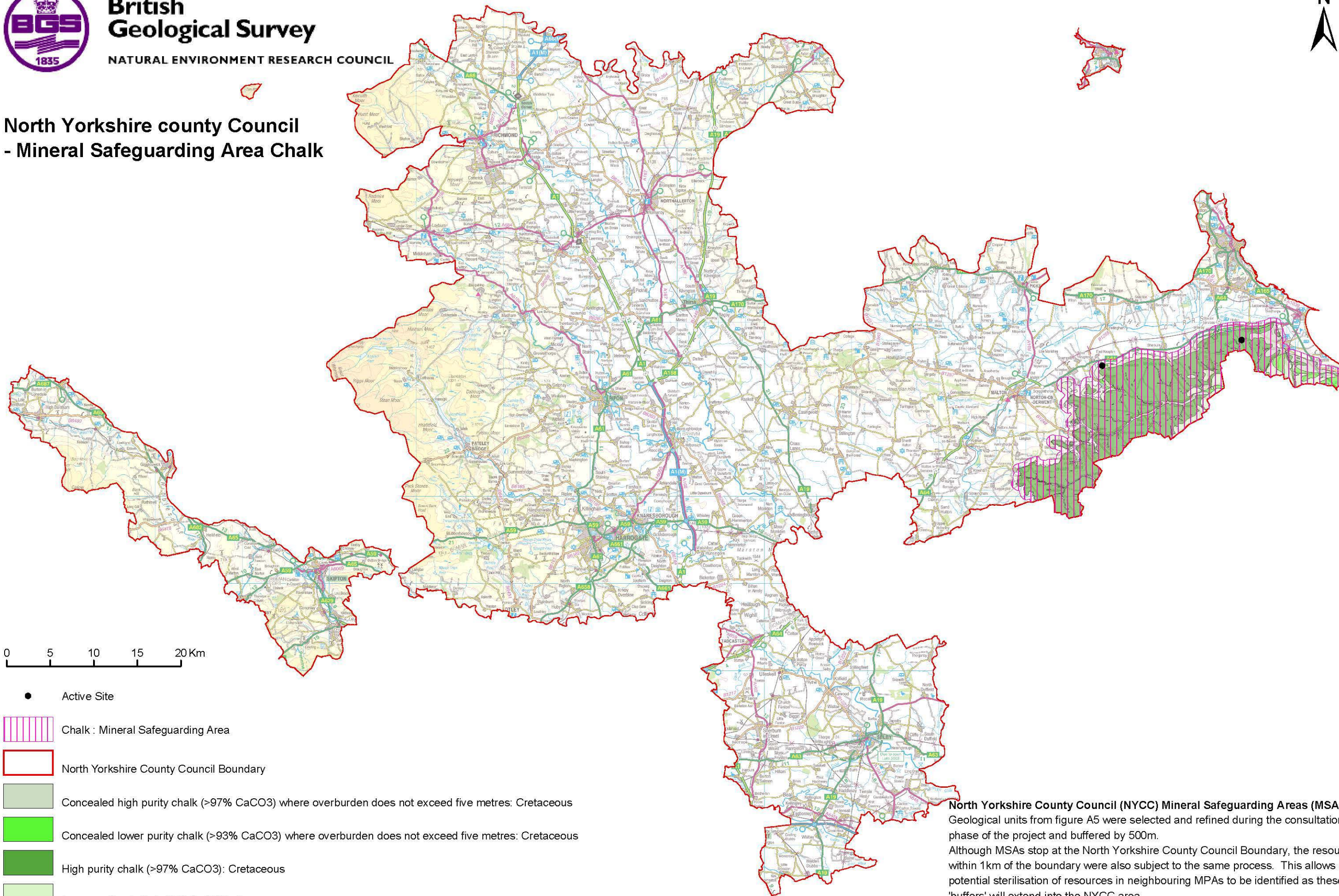


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### North Yorkshire county Council - Mineral Safeguarding Area Chalk



0 5 10 15 20 Km

- Active Site
- Chalk : Mineral Safeguarding Area
- North Yorkshire County Council Boundary
- Concealed high purity chalk (>97% CaCO<sub>3</sub>) where overburden does not exceed five metres: Cretaceous
- Concealed lower purity chalk (>93% CaCO<sub>3</sub>) where overburden does not exceed five metres: Cretaceous
- High purity chalk (>97% CaCO<sub>3</sub>): Cretaceous
- Lower purity chalk (>93% CaCO<sub>3</sub>): Cretaceous

**North Yorkshire County Council (NYCC) Mineral Safeguarding Areas (MSAs)**  
 Geological units from figure A5 were selected and refined during the consultation phase of the project and buffered by 500m.  
 Although MSAs stop at the North Yorkshire County Council Boundary, the resources within 1km of the boundary were also subject to the same process. This allows any potential sterilisation of resources in neighbouring MPAs to be identified as these 'buffers' will extend into the NYCC area.  
 Note closed sites are not indicated on the map.