

Northumberland Boundary

- Bedrock**
- Andesitic and basaltic lavas and tuffs
 - Andesitic lava and tuff
 - Basaltic lava and tuff, undifferentiated
 - Basaltic dolerite, camptonite and allied types
 - Gneiss, mica schists
 - Limestone
 - Limestone (Upper Dairadian)
 - Lower and Middle Devonian
 - Lower CAMBRIAN
 - Lower Cretaceous
 - Lower Devonian
 - Lower Old Red Sandstone, including Downtonian
 - Lower Westphalian (Productive Coal Measures)
 - Magnesian Limestone (Permian)
 - Middle Old Red Sandstone
 - Namurian (Millstone Grit Series)
 - Permian and Triassic sandstones, undifferentiated
 - Permian basal breccias, sandstones and mudstones
 - Permian mudstones
 - Porphyrite, lamprophyre and allied types
 - Sandstone and grit
 - Silurian limestone
 - Tournaisian and Viséan (Carboniferous Limestone)
 - Triassic mudstones
 - Undifferentiated schist and gneiss
 - Westphalian/Stephanian, undivided, of Barren Red
 - Westphalian Coal Measures

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Revision Details	By	Date	Surf
	Check		

Drawing Status: **FINAL**

Job Title:
**Northumberland County Council
Level 1 Strategic
Flood Risk Assessment**

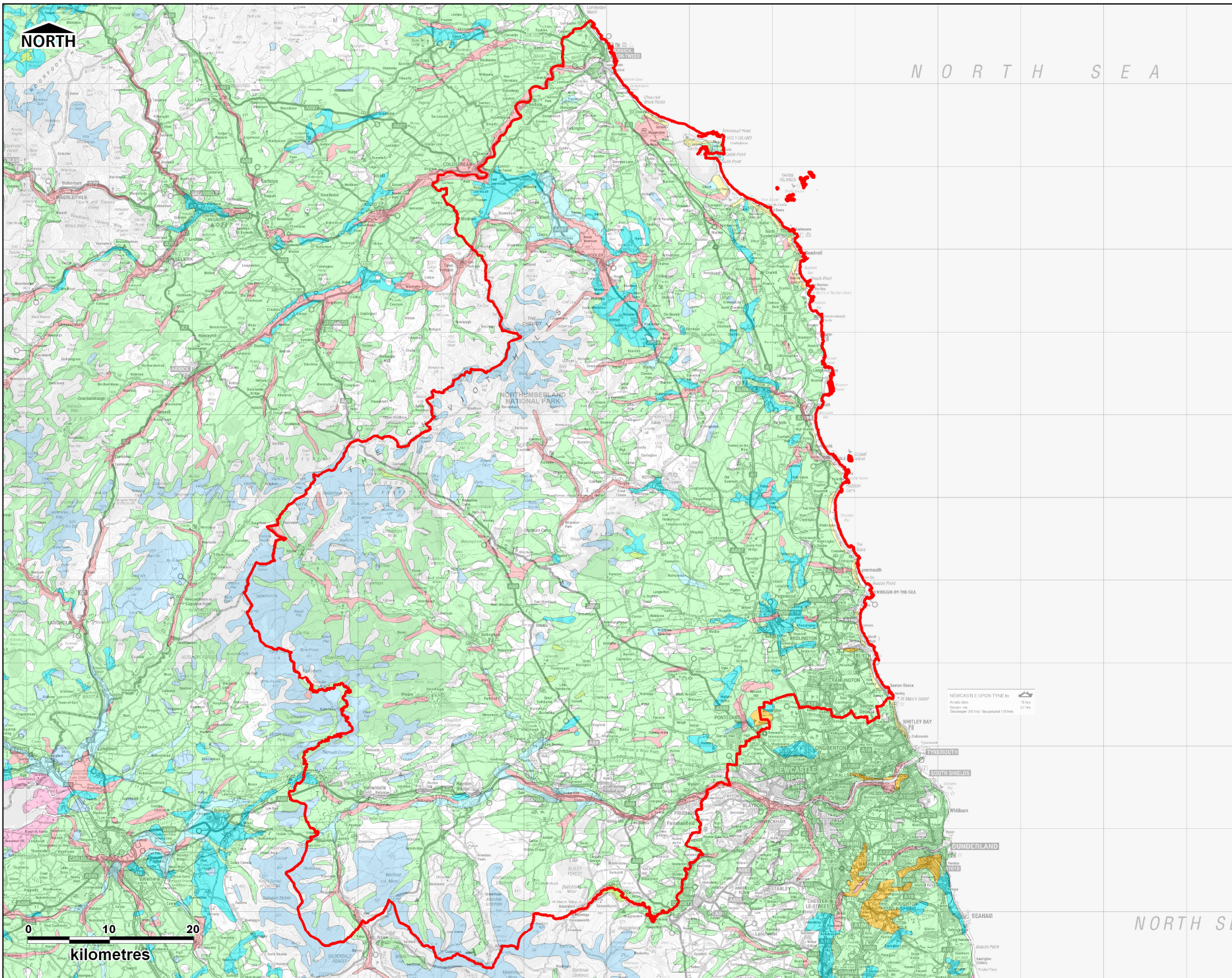
Drawing Title:
Bedrock Geology


Scale at A3: **AS SHOWN**

Drawn	GC	Approved	LO
Stage 1 Check	SA	Stage 2 Check	GC
	SJA	Original	GC
		Date	09-04-10







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Drawing Number:
S106308-G1



 Northumberland Boundary

Superficial Geology

-  ALLUVIUM
-  GLACIAL SAND AND GRAVEL
-  RAISED MARINE DEPOSITS
-  RIVER TERRACE DEPOSITS
-  SAND AND GRAVEL
-  TILL

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Revision Details	By	Date	Status

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Drawing Title
Superficial Geology

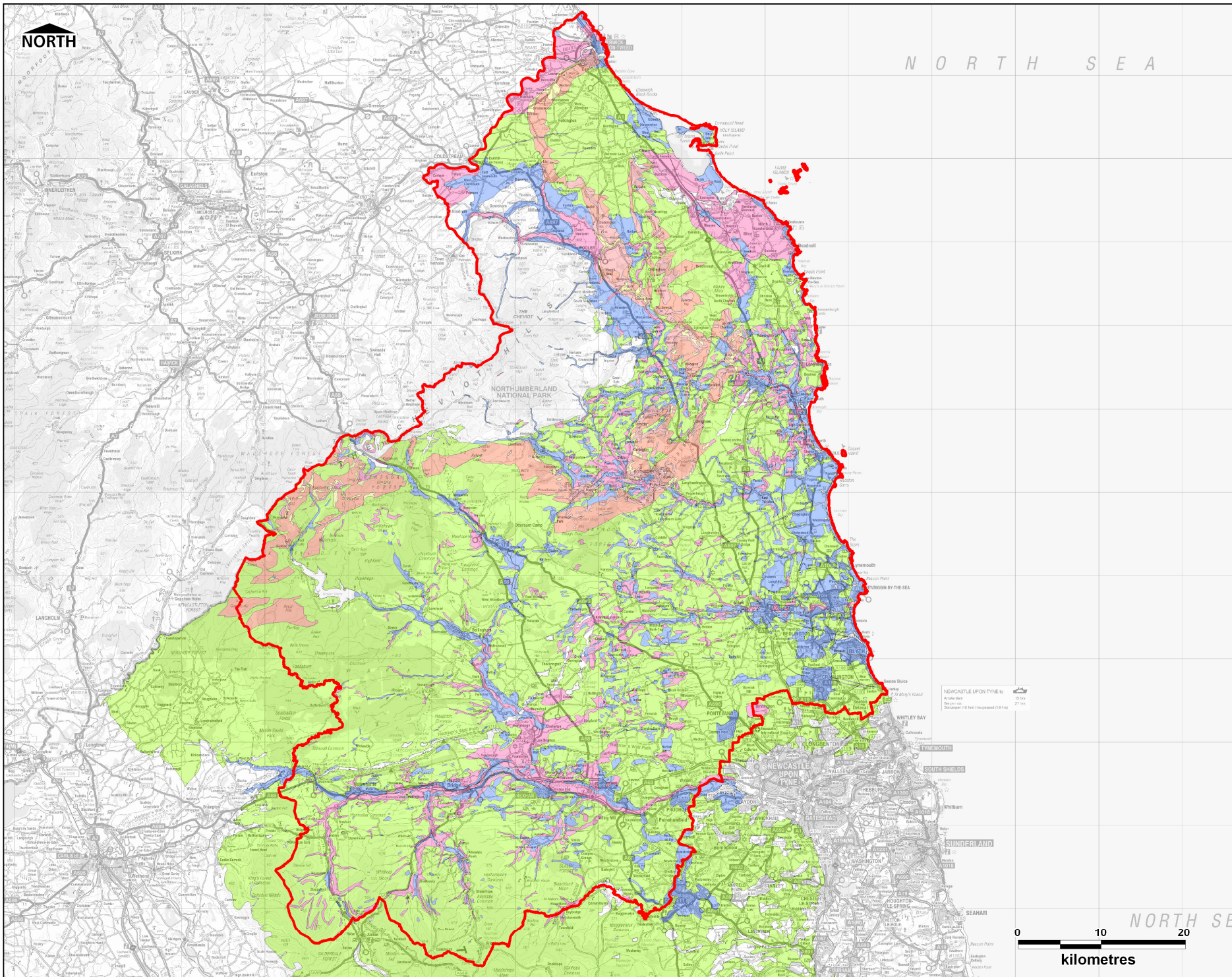
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Drawn	CAB	Approved	LNO
Stage 1 Check	SA	Stage 2 Check	CAB
	SJA	Organised	Date
			09-04-10







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Drawing Number
S106308-G2



 Northumberland Boundary

- Groundwater Vulnerability**
-  Major Aquifer High Vulnerability
 -  Major Aquifer Intermediate Vulnerability
 -  Major Aquifer Low Vulnerability
 -  Minor Aquifer High Vulnerability
 -  Minor Aquifer Intermediate Vulnerability
 -  Minor Aquifer Low Vulnerability

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Revision Details	By	Date	Surf
	Check		

Drawing Status: **FINAL**

Job Title:
**Northumberland County Council
Level 1 Strategic
Flood Risk Assessment**

Drawing Title:
Groundwater Vulnerability

Scale at A3: **AS SHOWN**

Drawn	GC	Approved	LO
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Stage 1 Check	SA	Stage 2 Check	SJA	Created	GC	Date	09-04-10
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Drawing Number:
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