

Mainline Option 1 (Southbound Widening)

Linear Features

- Esker crestline

Superficial Geology

- ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
- ALF ALLUVIAL FAN DEPOSITS - GRAVEL, SAND, SILT AND CLAY
- GFIC GLACIOFLUVIAL ICE CONTACT DEPOSITS - GRAVEL, SAND AND SILT
- GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT

Kilometres

0 0.1 0.2

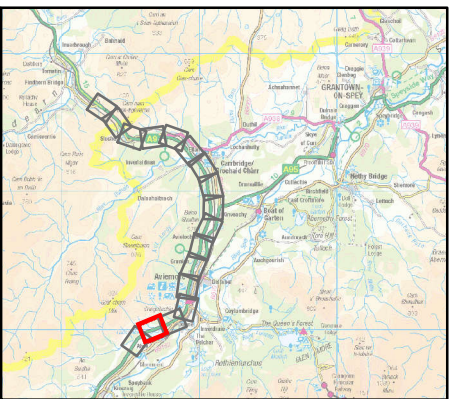
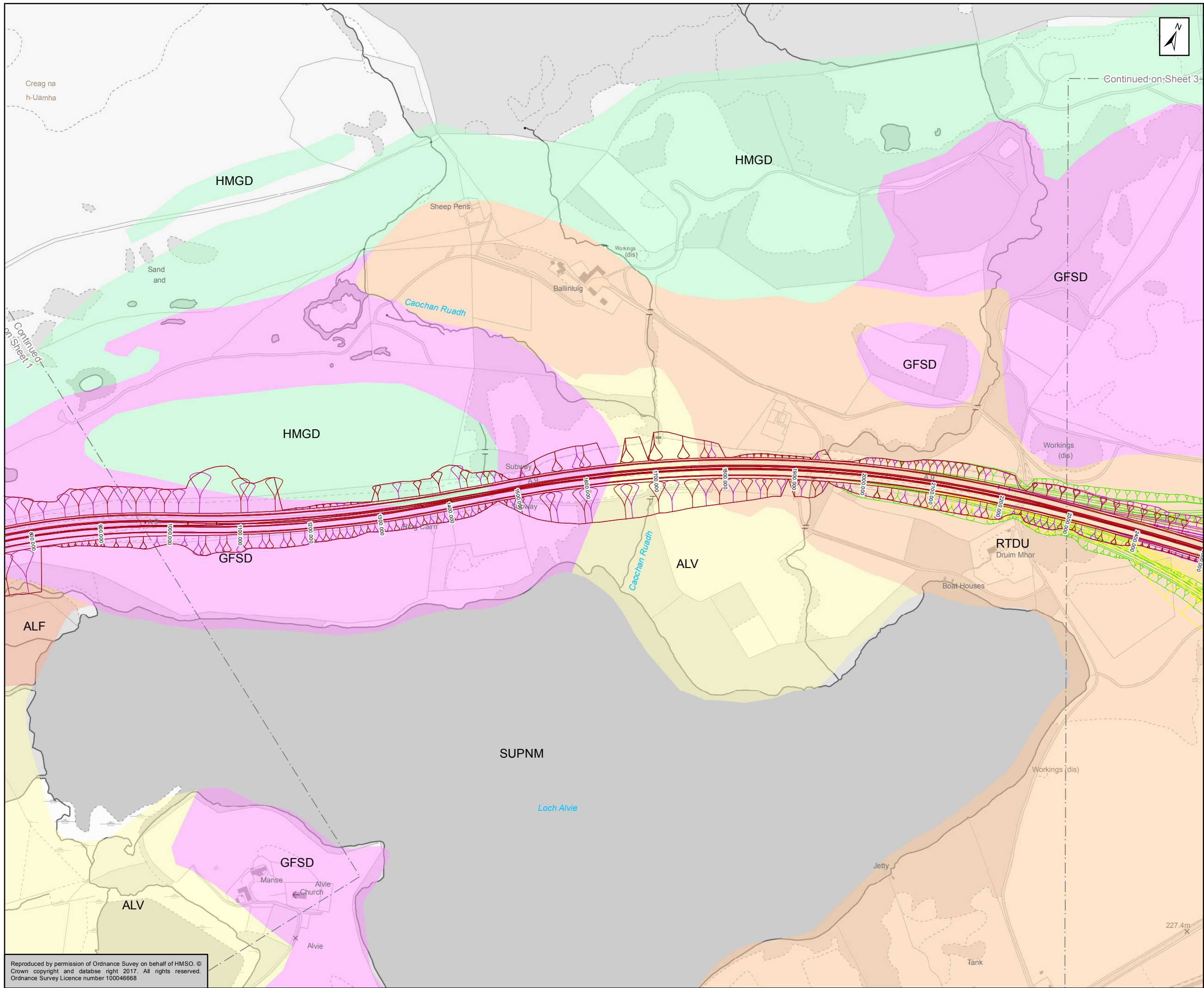
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Figure 5.22a
Mainline Alignment Option 1
Superficial Geology
Sheet 1 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	Project			Originator			Volume		
	A9P11-AMJ-EGT-E_ZZZZZ_XZ-DR-GI-0055			P03			Revision		
	Location	Type	Role	Number					

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Continued on Sheet 3

Continued on Sheet 1

Mainline Option 1 (Southbound Widening)

Aviemore South Junction Options

- A02 - Half Cloverleaf - Quadrants 1 & 4
- A09 - Diamond Left Right with Ghost Island
- A18 - Left Right Stagger with B9152 Realigned

Superficial Geology

- ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
- ALF ALLUVIAL FAN DEPOSITS - GRAVEL, SAND, SILT AND CLAY
- GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT
- RTDU RIVER TERRACE DEPOSITS (UNDIFFERENTIATED) - GRAVEL, SAND, SILT AND CLAY

Kilometres

0 0.1 0.2

Status	FINAL	Subsidiary	B
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Client

TRANSPORT SCOTLAND
COMHDHAIL ALBA

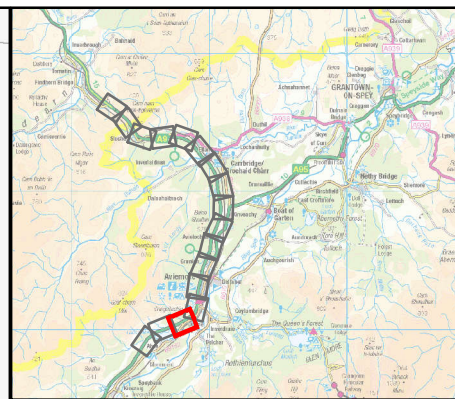
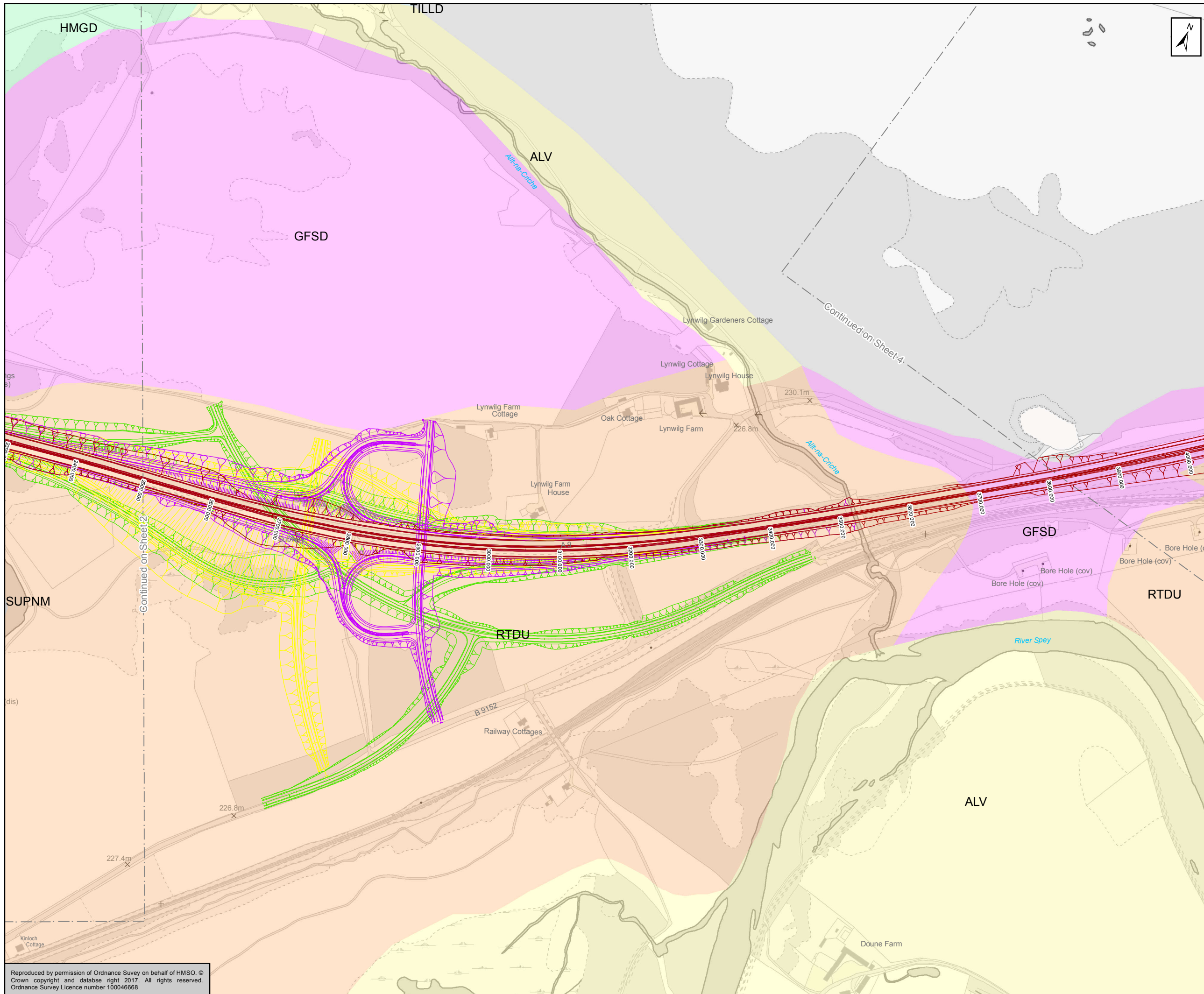
A9
DUALING
PERTH TO INVERNESS
Dalraddy to Stochd

ATKINS mouchel

Figure 5.22b
Mainline Alignment Option 1
Superficial Geology
Sheet 2 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
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Location	Type	Role							

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Mainline Option 1 (Southbound Widening)
Aviemore South Junction Options
 A02 - Half Cloverleaf - Quadrants 1 & 4
 A09 - Diamond Left Right with Ghost Island
 A18 - Left Right Stagger with B9152 Realigned
Superficial Geology
 ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
 TILLD TILL, DEVENSIAN - DIAMICTON
 HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
 GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT
 RTDU RIVER TERRACE DEPOSITS (UNDIFFERENTIATED) - GRAVEL, SAND, SILT AND CLAY

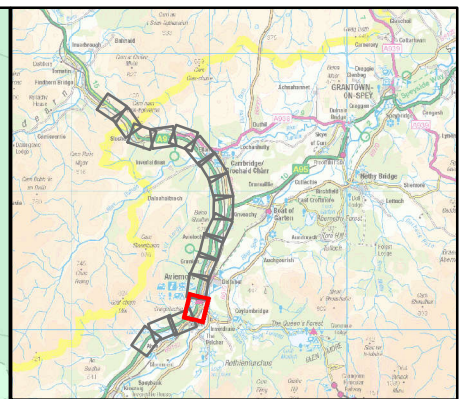
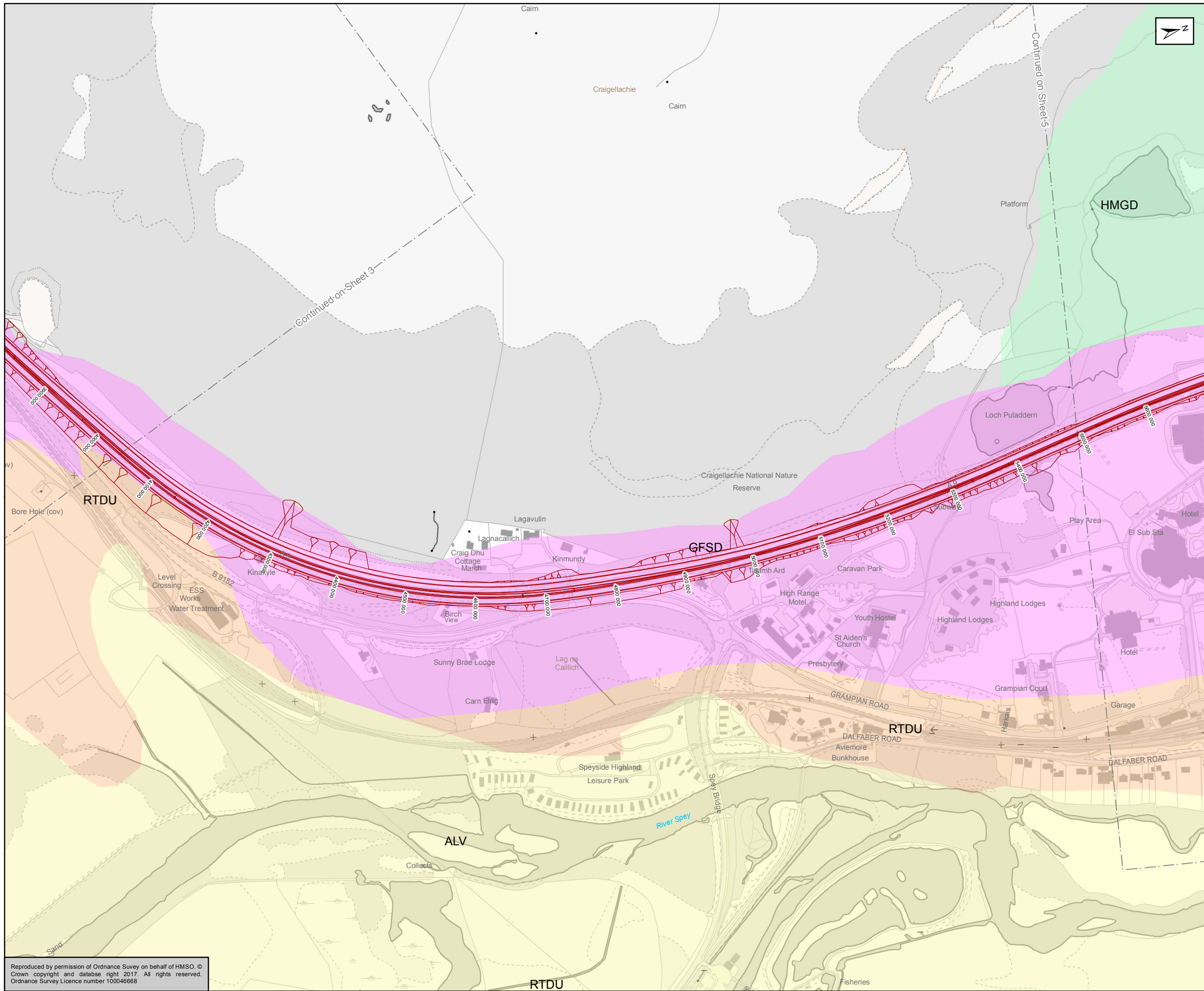
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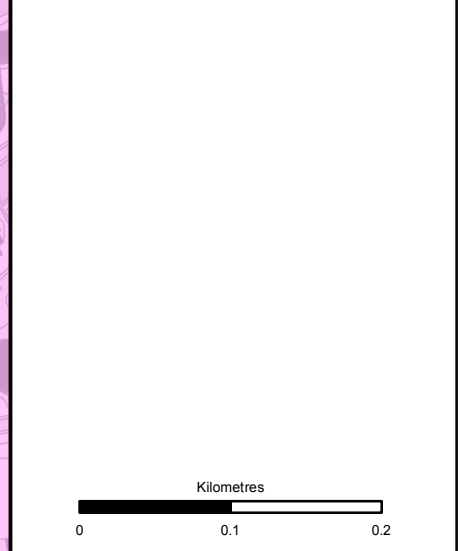
Figure 5.22c
 Mainline Alignment Option 1
 Superficial Geology
 Sheet 3 of 17

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- Mainline Option 1 (Southbound Widening)
- Superficial Geology**
- ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
 - HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
 - GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT
 - RTDU RIVER TERRACE DEPOSITS (UNDIFFERENTIATED) - GRAVEL, SAND, SILT AND CLAY



Status: FINAL Substage: B

Client: **TRANSPORT SCOTLAND**
COMHDHAIL ALBA

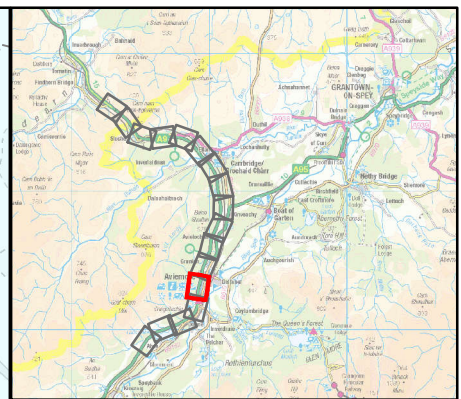
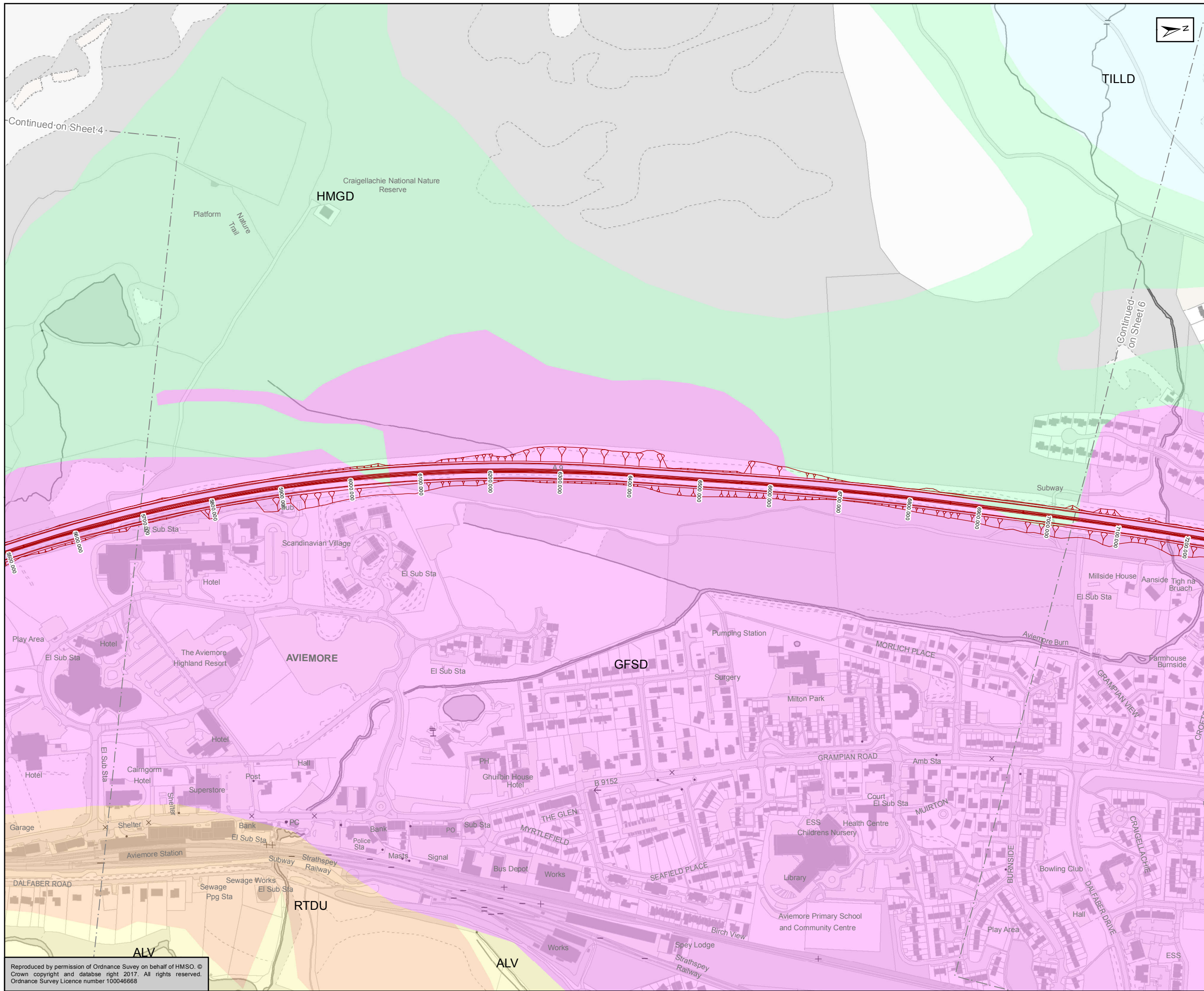


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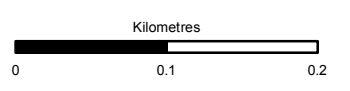
Figure 5.22d
Mainline Alignment Option 1
Superficial Geology
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- Mainline Option 1 (Southbound Widening)
- Superficial Geology**
- ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
 - TILLD TILL, DEVENSIAN - DIAMICTON
 - HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
 - GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT
 - RTDU RIVER TERRACE DEPOSITS (UNDIFFERENTIATED) - GRAVEL, SAND, SILT AND CLAY



Status: FINAL Substage: B

Client: **TRANSPORT SCOTLAND**
COMHDHAIL ALBA

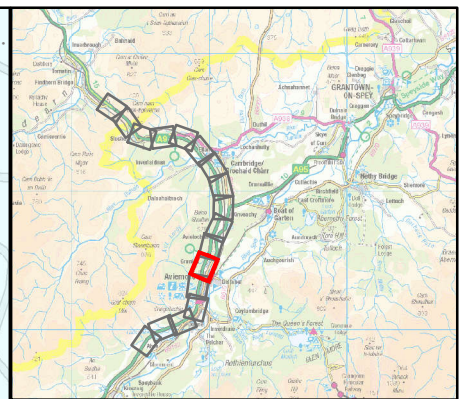
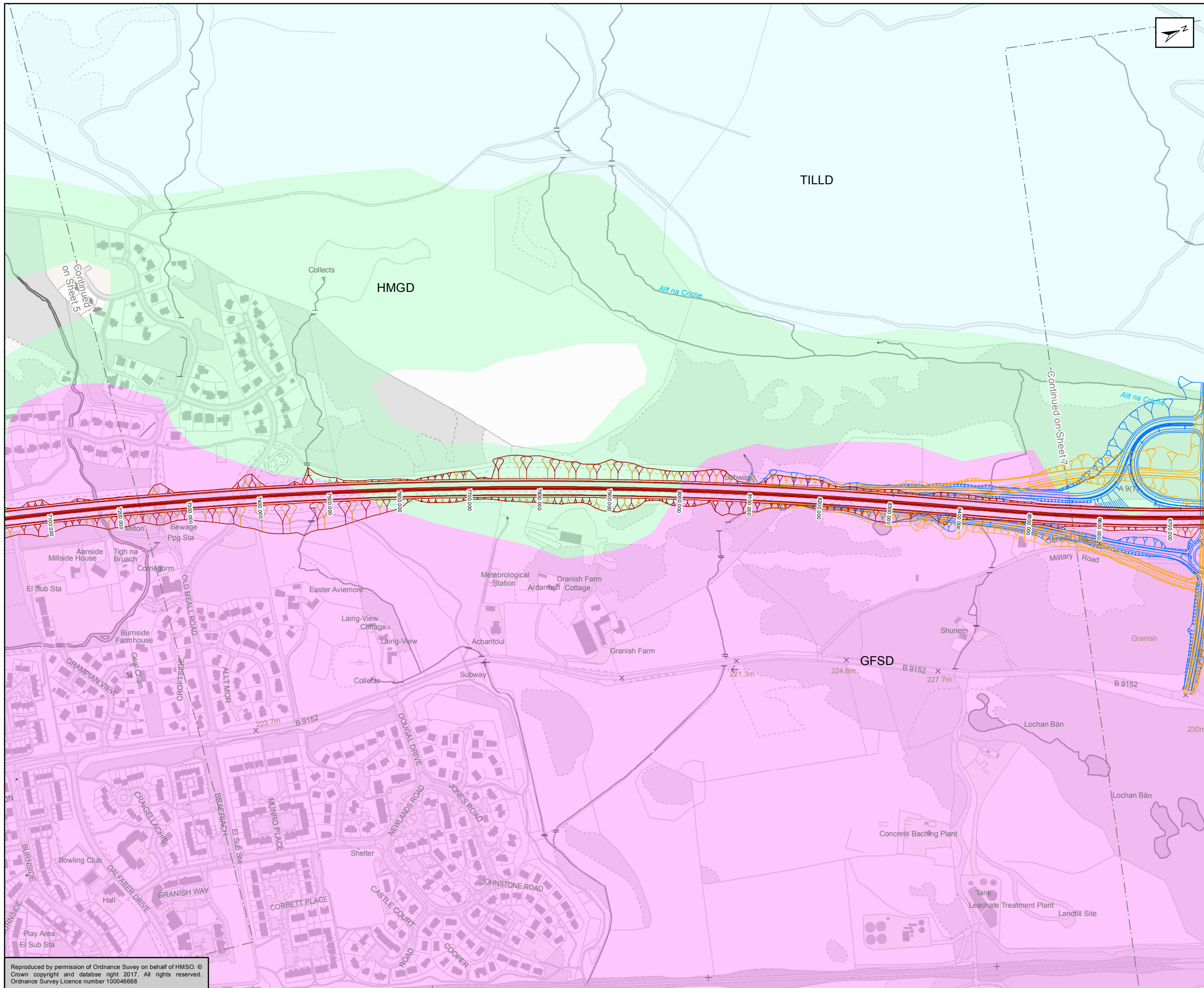


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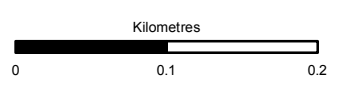
Figure 5.22e
Mainline Alignment Option 1
Superficial Geology
Sheet 5 of 17

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- Mainline Option 1 (Southbound Widening)
- Granish Southbound Junction Options**
- C31 - Diamond
- C34 - Half Dumbbell / Cloverleaf
- Superficial Geology**
- TILLD *TILL, DEVENSIAN - DIAMICTON*
- HMGD *HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL*
- GFSD *GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT*



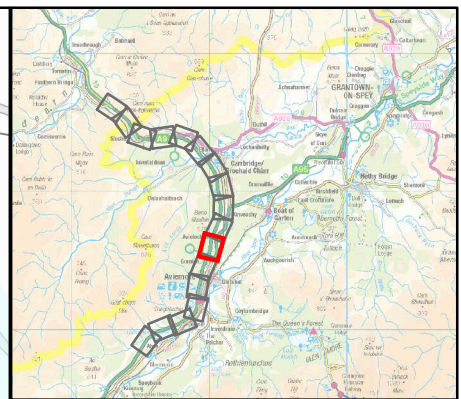
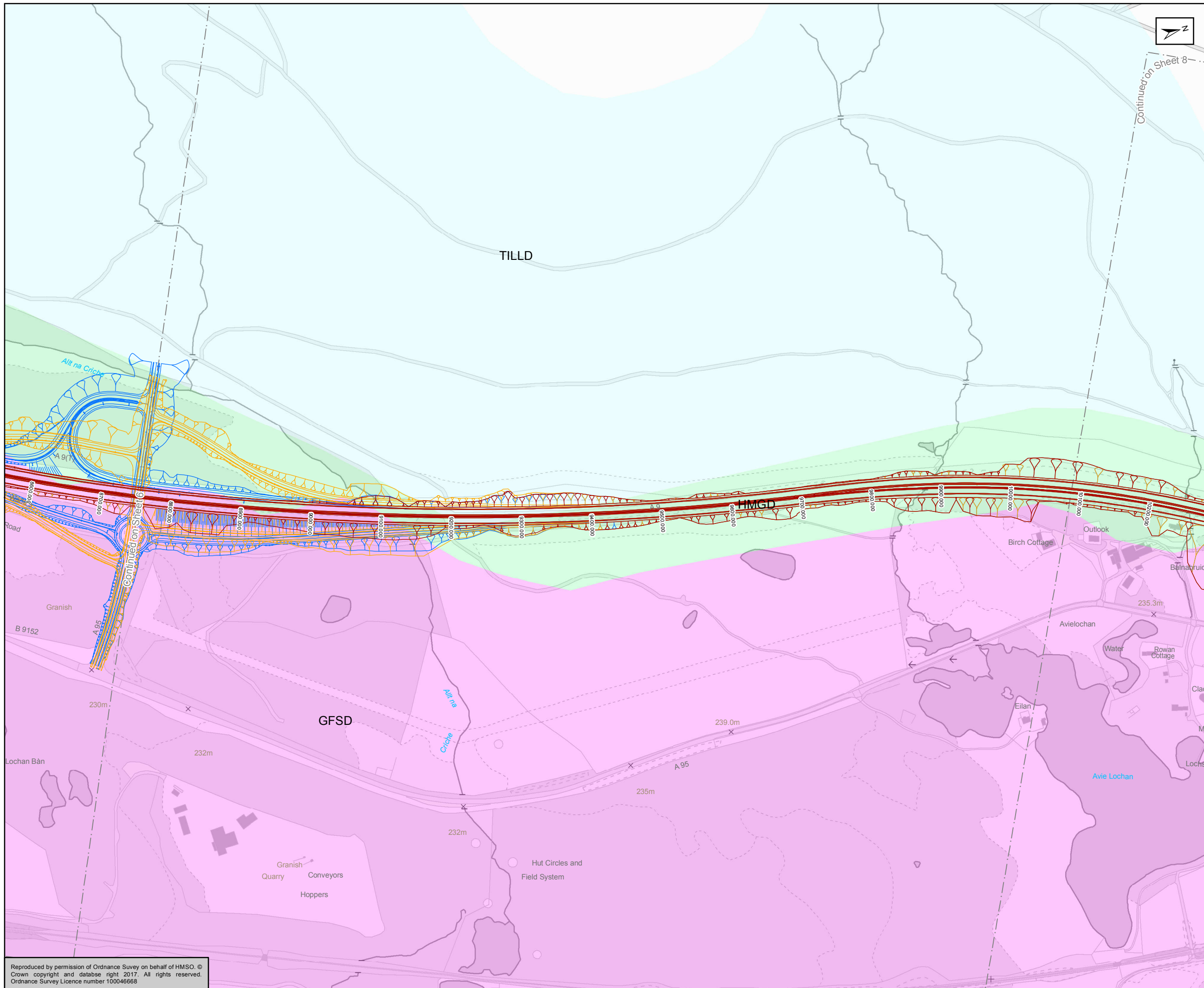
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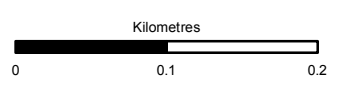
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Mainline Alignment Option 1
Superficial Geology
Sheet 6 of 17

Scale	Drawn	Checked	Approved	Authorised
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Location	Type	Role	Number	

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- Mainline Option 1 (Southbound Widening)
- Granish Southbound Junction Options**
- C31 - Diamond
- C34 - Half Dumbbell / Cloverleaf
- Superficial Geology**
- TILLD *TILL, DEVENSIAN - DIAMICTON*
- HMGD *HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL*
- GFSD *GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT*



Status	Subsidiary
FINAL	B

TRANSPORT SCOTLAND
 COMHDHAIL ALBA

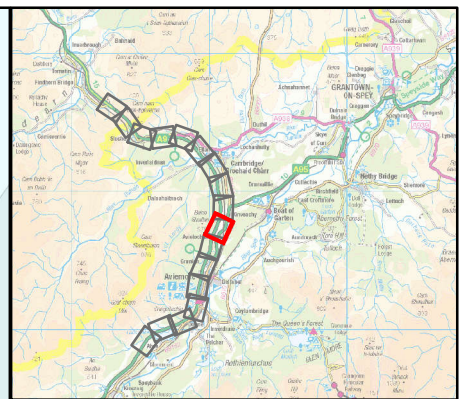
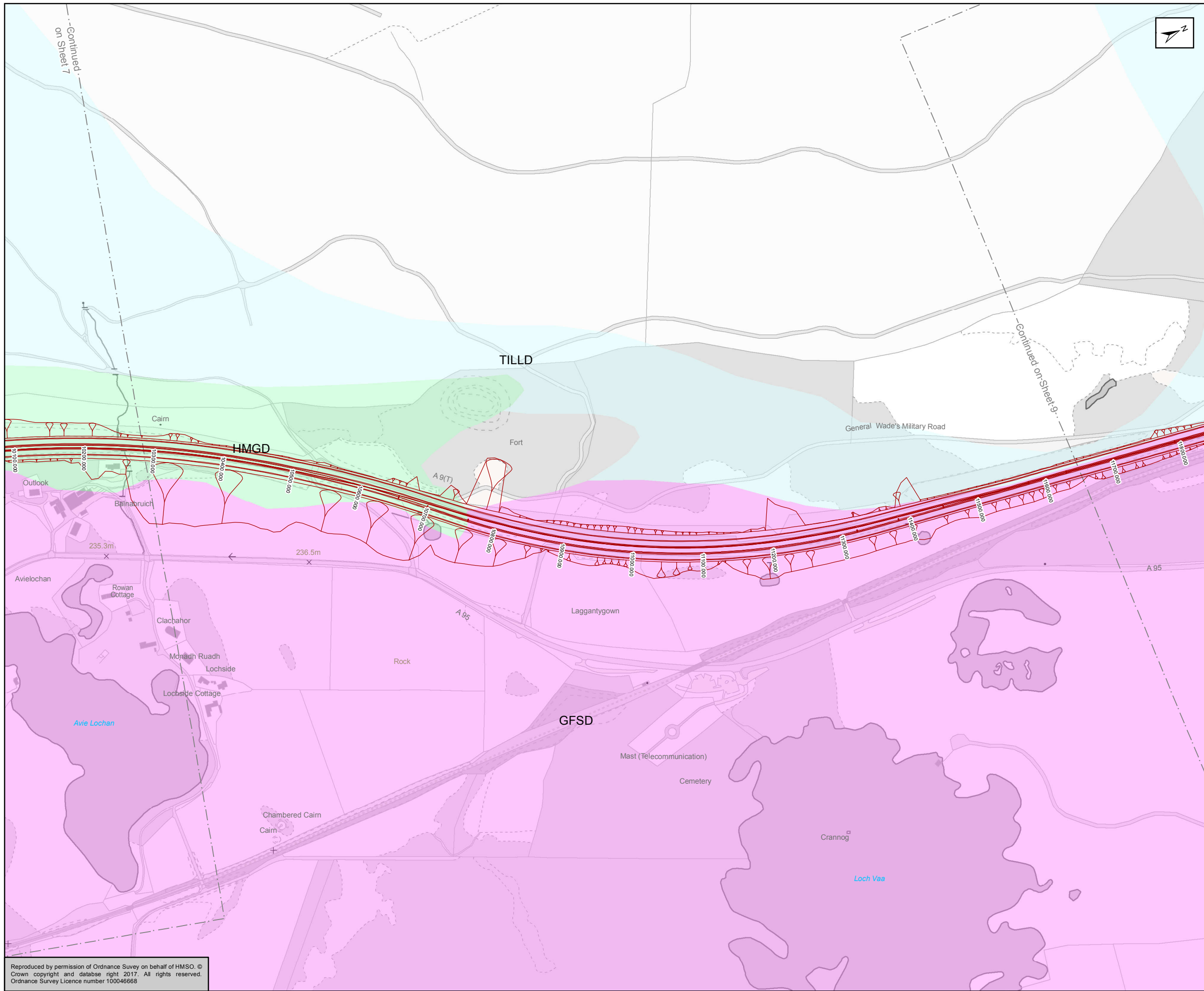
A9
DUALLING
 PERTH TO INVERNESS
 Dalraddy to Stochd

ATKINS mouchel

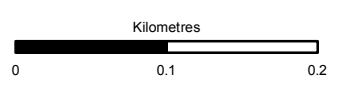
Figure 5.22g
Mainline Alignment Option 1
Superficial Geology
Sheet 7 of 17

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Location	Type	Role	Number	

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- Mainline Option 1 (Southbound Widening)
- Superficial Geology**
- TILLD TILL, DEVENSIAN - DIAMICTON
 - HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
 - GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT



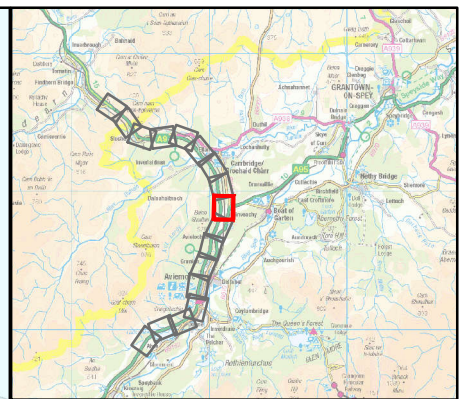
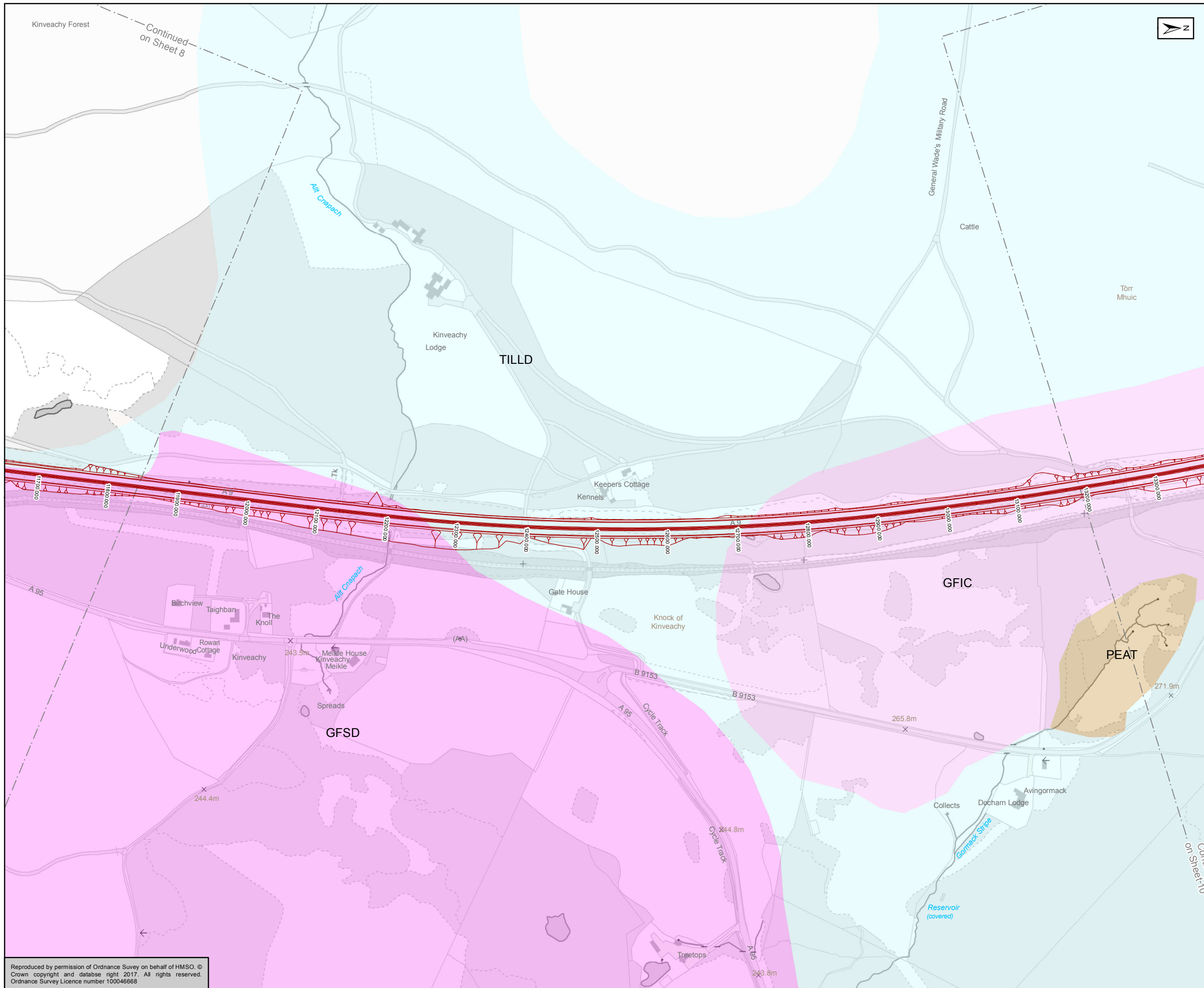
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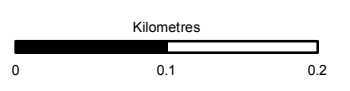
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Mainline Alignment Option 1
Superficial Geology
Sheet 8 of 17

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Location	Type	Role	Number						

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- Mainline Option 1 (Southbound Widening)
- Superficial Geology**
- TILLD TILL, DEVENSIAN - DIAMICTON
- GFIC GLACIOFLUVIAL ICE CONTACT DEPOSITS - GRAVEL, SAND AND SILT
- GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT
- PEAT PEAT - PEAT



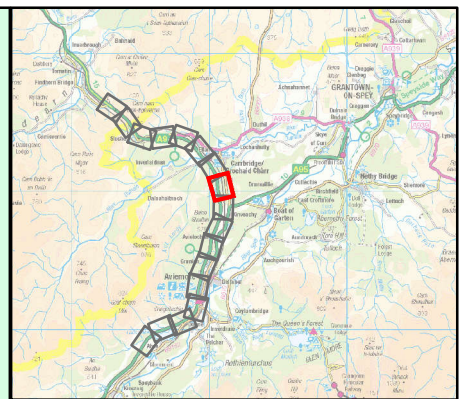
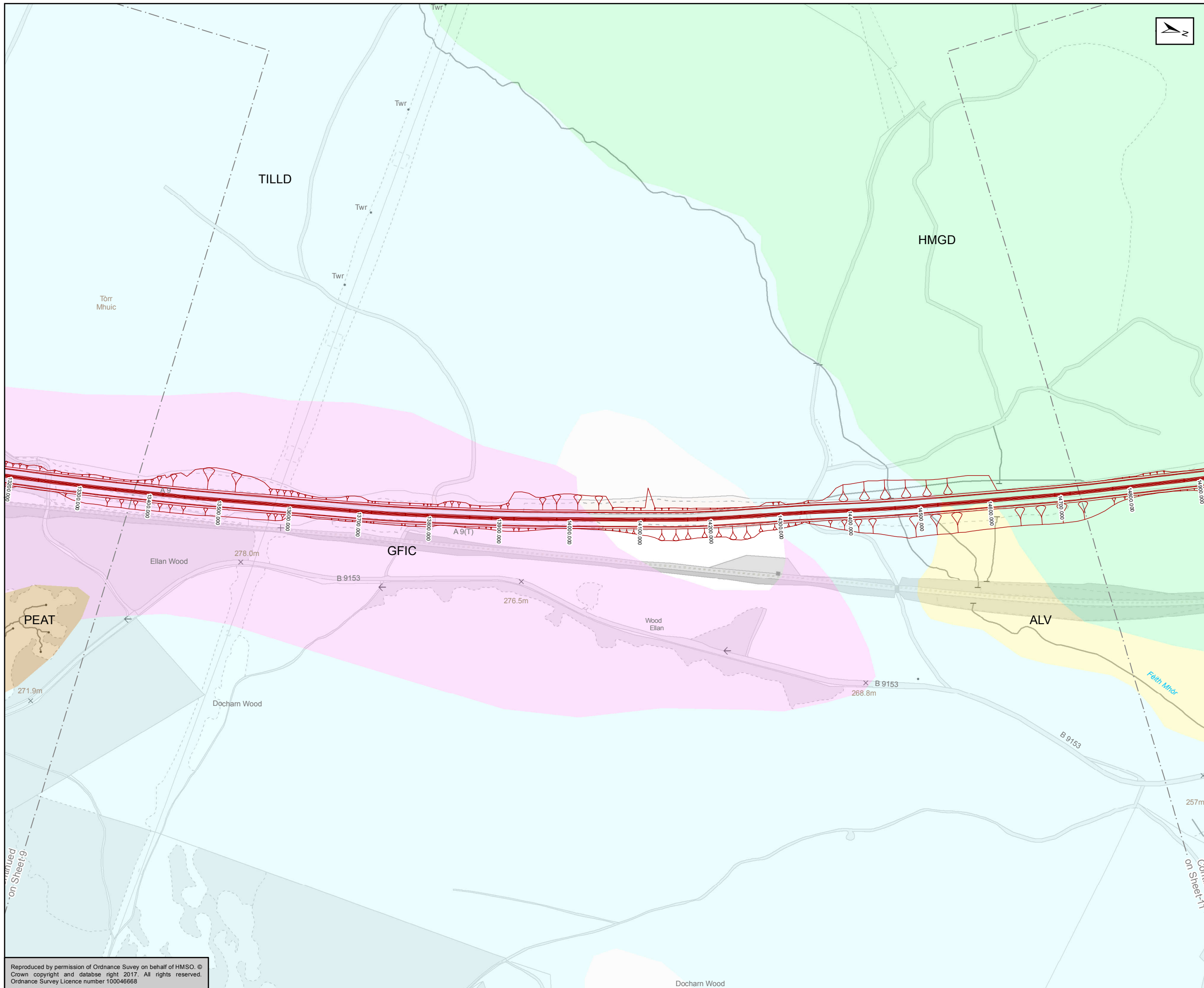
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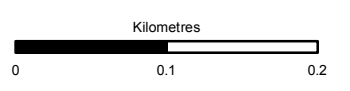
Figure 5.22i
Mainline Alignment Option 1
Superficial Geology
Sheet 9 of 17

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- Mainline Option 1 (Southbound Widening)
- Superficial Geology**
- ALV ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
 - TILLD TILL, DEVENSIAN - DIAMICTON
 - HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
 - GFIC GLACIOFLUVIAL ICE CONTACT DEPOSITS - GRAVEL, SAND AND SILT
 - PEAT PEAT - PEAT



Status	FINAL	Subsidiary	B
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Figure 5.22j
Mainline Alignment Option 1
Superficial Geology
Sheet 10 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
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