

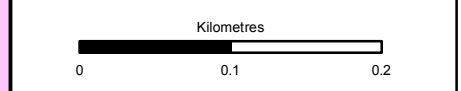
Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)
 Aviemore South Junction Options (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



Status: FINAL Substudy: B

Client: **TRANSPORT SCOTLAND**
 COMHDHAIL ALBA

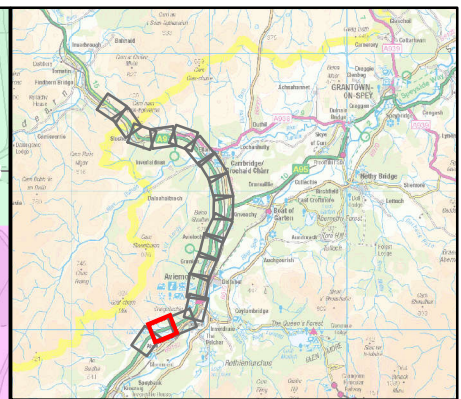
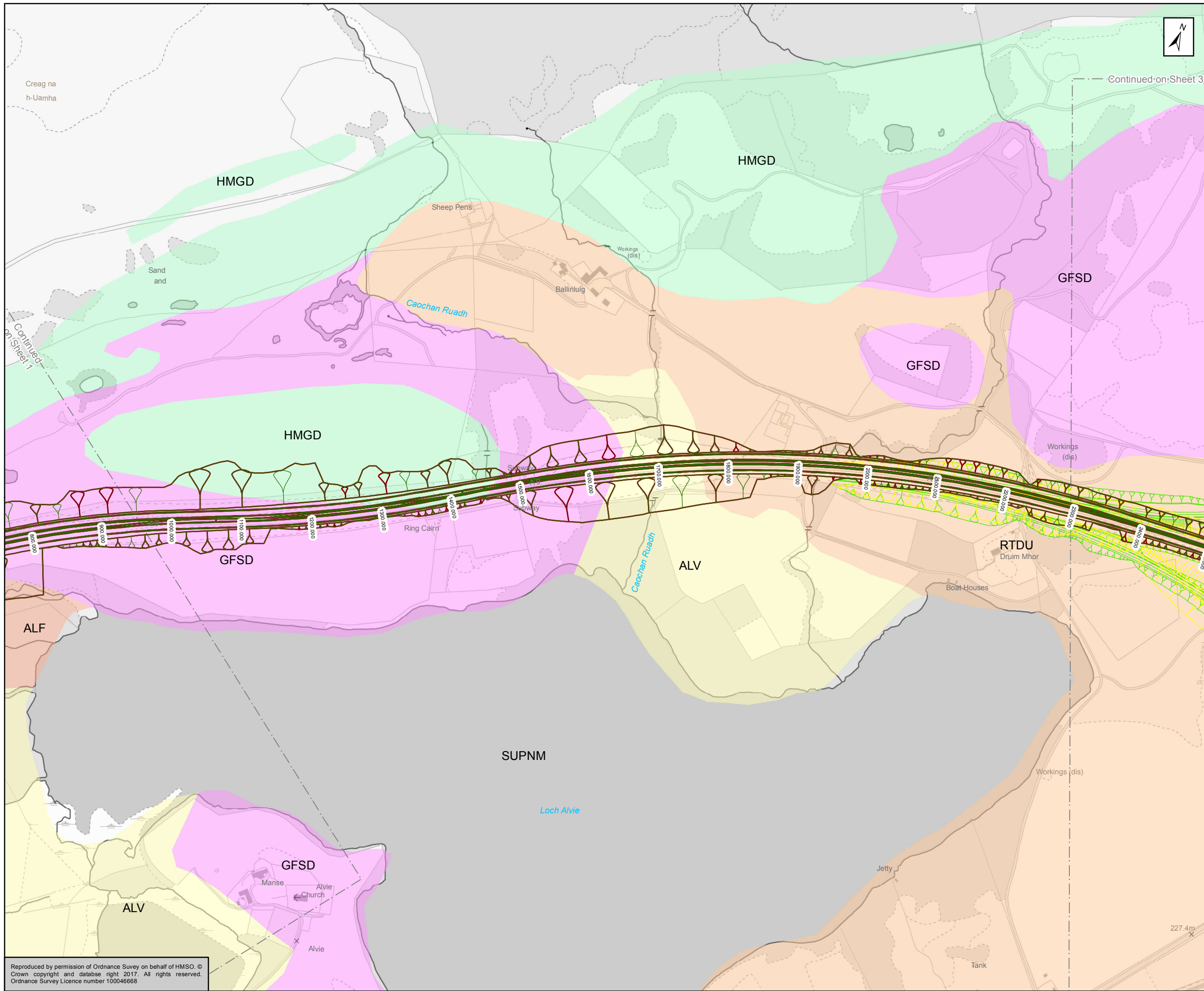


ATKINS mouchel

Figure 5.24a
 Mainline Alignment Option 2
 Superficial Geology
 Sheet 1 of 17

Scale: 1:5,000	Drawn: JD	Checked: KP	Approved: MD	Authorised: RG
Document Number: A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0001	Project: A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0001	Originator: A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0001	Volume: A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0001	Revision: P03
Location:	Type:	Role:	Number:	

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Continued on Sheet 3

Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

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

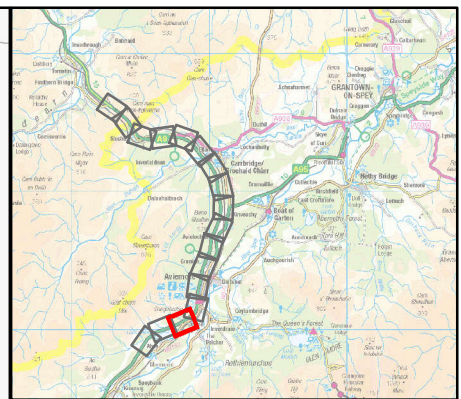
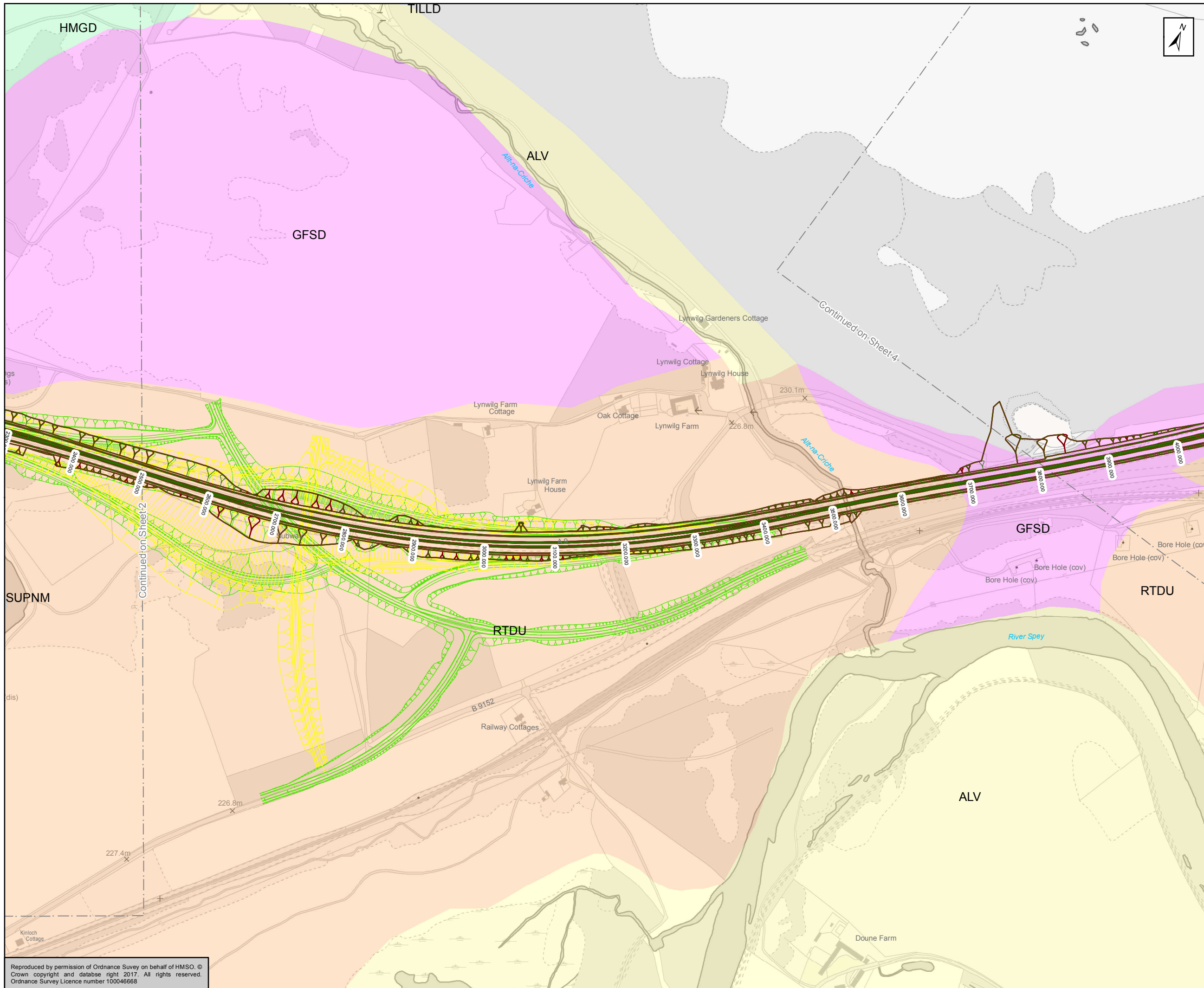
Status	FINAL	Subsidiary	B
--------	-------	------------	---



Figure 5.24b
Mainline Alignment Option 2
Superficial Geology
Sheet 2 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0002							Revision	P03
Project	Originator	Volume							
Location	Type	Role							

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

- Aviemore South Junction Options (Southbound Widening)
- 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

Kilometres

0 0.1 0.2

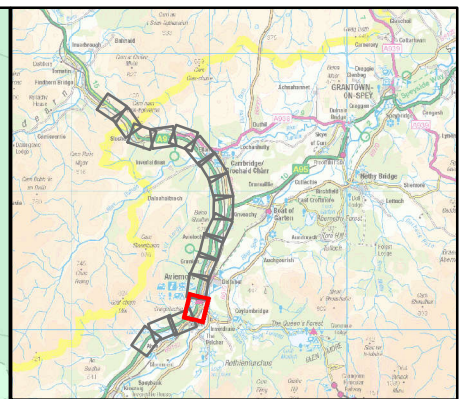
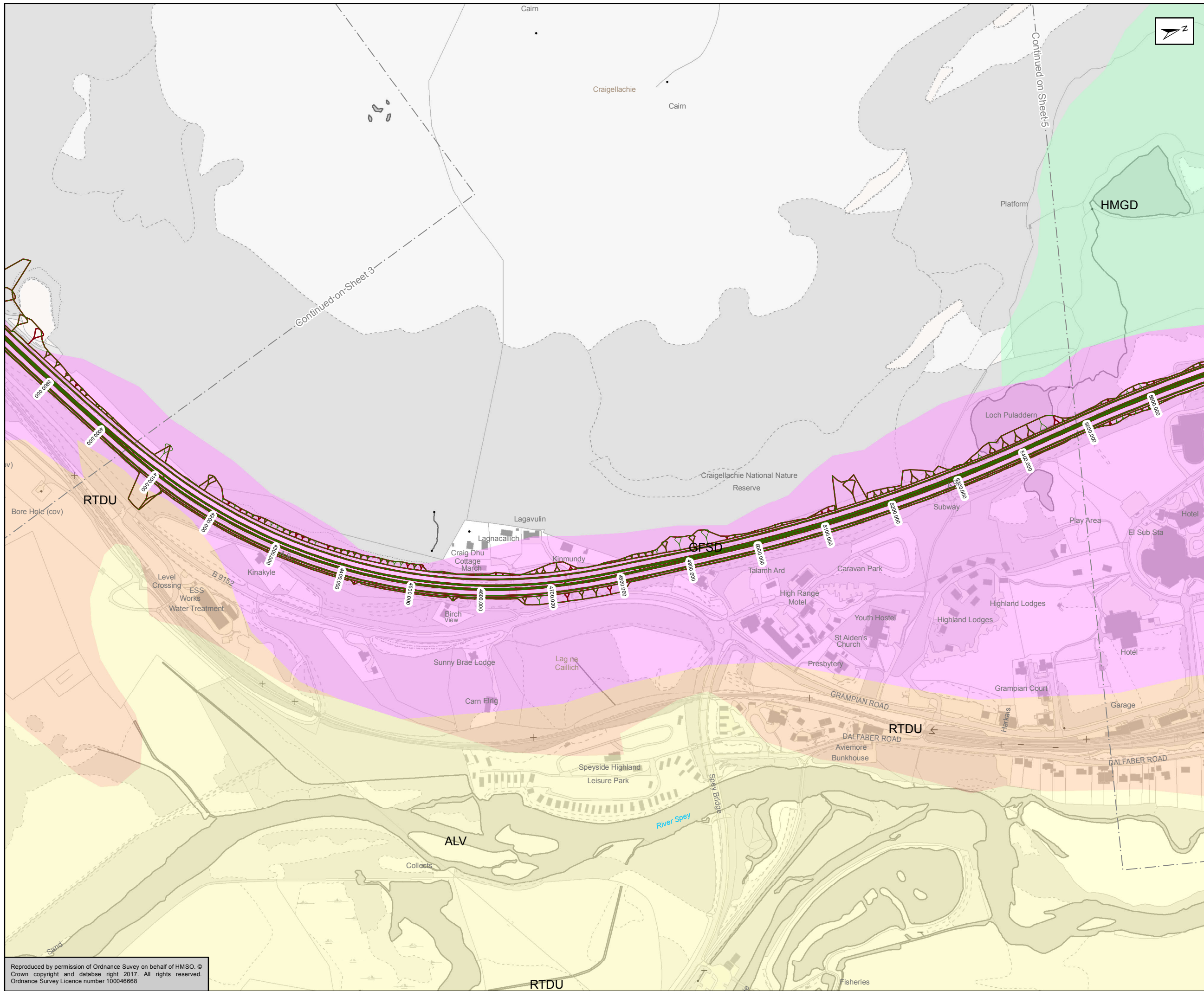
Status	FINAL	Subsidiary	B
--------	-------	------------	---



Figure 5.24c
Mainline Alignment Option 2
Superficial Geology
Sheet 3 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG	
Document Number	A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0003								Revision	P03
Project	Originator	Volume								
Location	Type	Role	Number							

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (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

Kilometres
0 0.1 0.2

Status	FINAL	Subsidiary	B
--------	-------	------------	---

Client: **TRANSPORT SCOTLAND**
COMHDHAIL ALBA

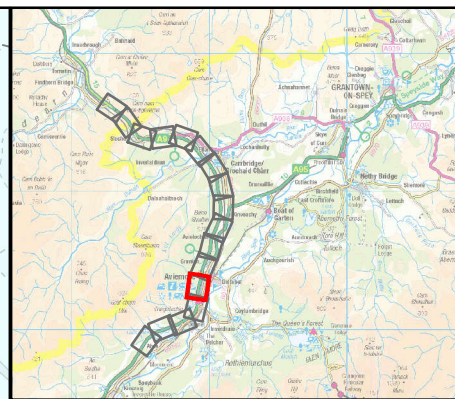
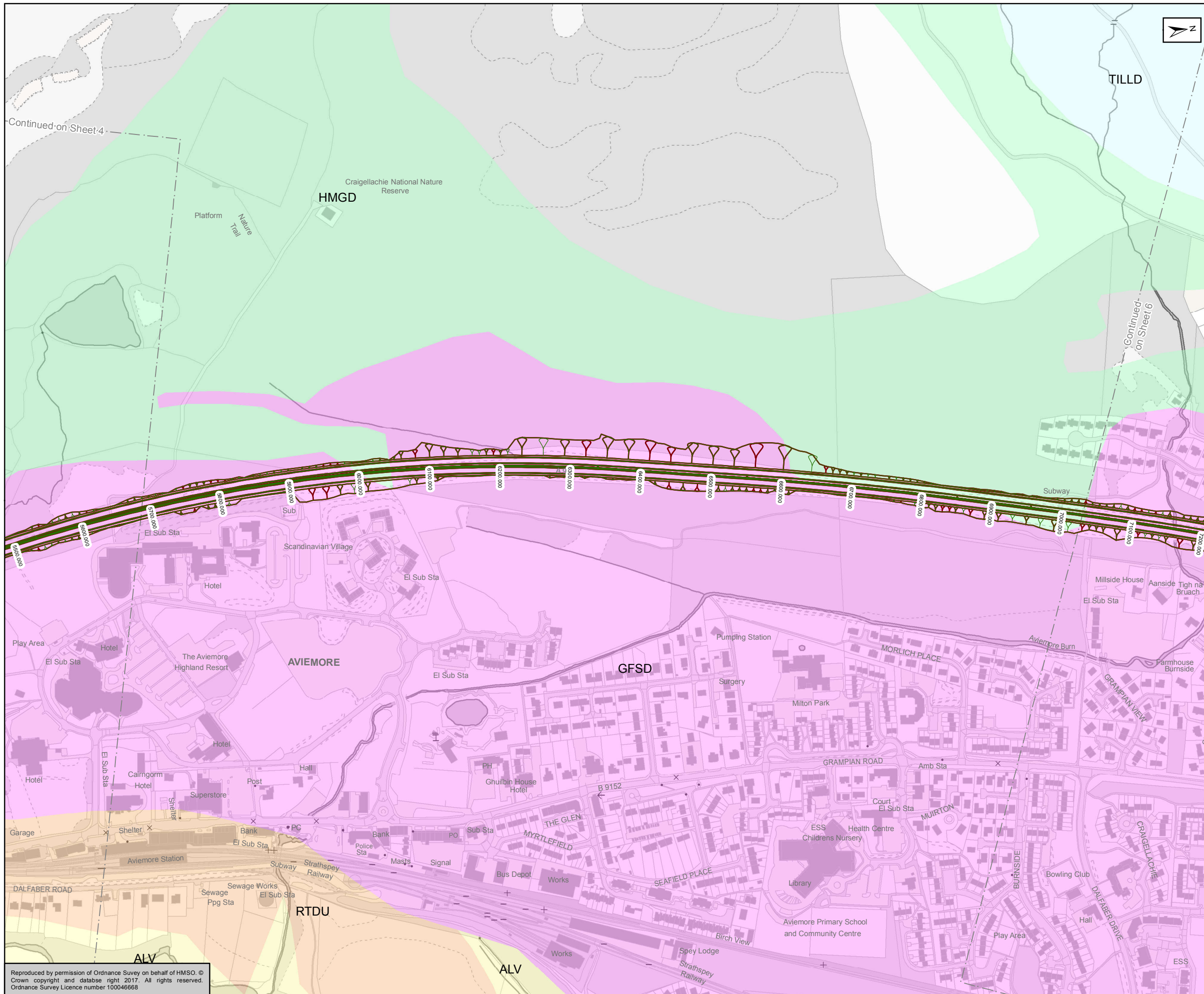
A9 DUALING
PERTH TO INVERNESS
Dalraddy to Stochd

ATKINS mouchel

Title: **Figure 5.24d
Mainline Alignment Option 2
Superficial Geology
Sheet 4 of 17**

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0004							Revision	P03
Project	Originator	Volume							
Location	Type	Role	Number						

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



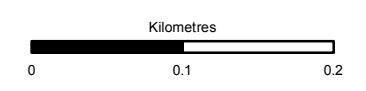
Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

Aviemore South Junction Options (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

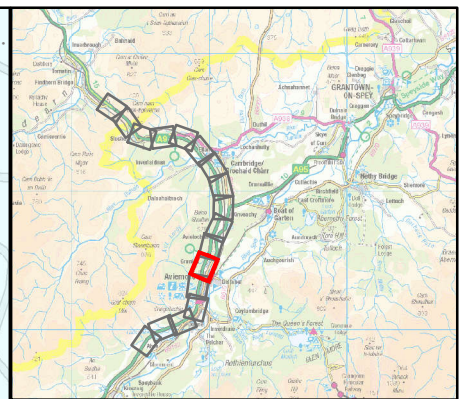
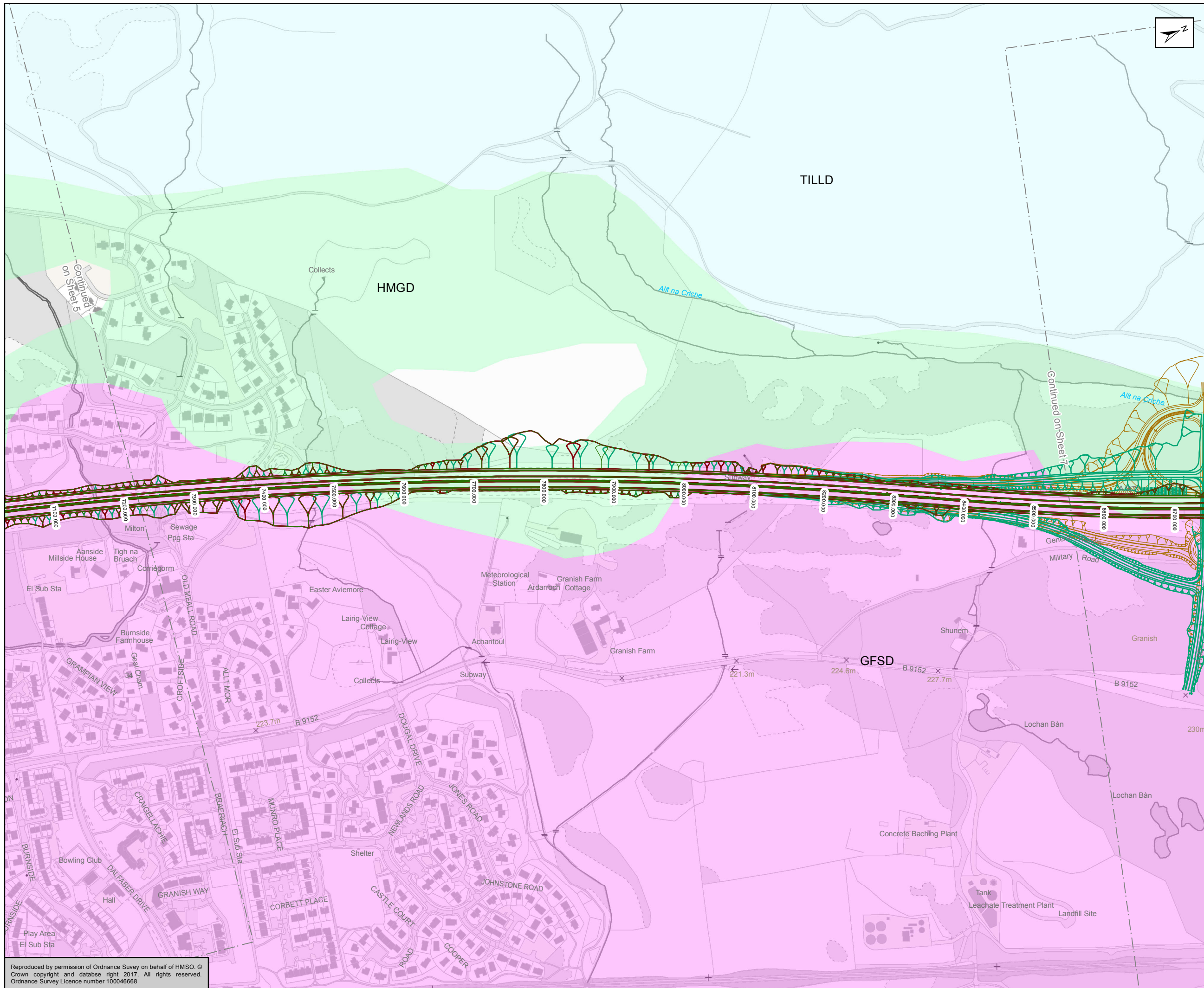


ATKINS mouchel

Figure 5.24e
Mainline Alignment Option 2
Superficial Geology
Sheet 5 of 17

Scale: 1:5,000	Drawn: JD	Checked: KP	Approved: MD	Authorised: RG
Document Number: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0005	Project: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0005	Originator: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0005	Volume: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0005	Revision: P03
Location:	Type:	Role:	Number:	

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

Granish Junction Options (Northbound Widening)

C21 - 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

Kilometres
0 0.1 0.2

Status	FINAL	Subsidiary	B
--------	-------	------------	---

Client: **TRANSPORT SCOTLAND**
COMHDHAIL ALBA

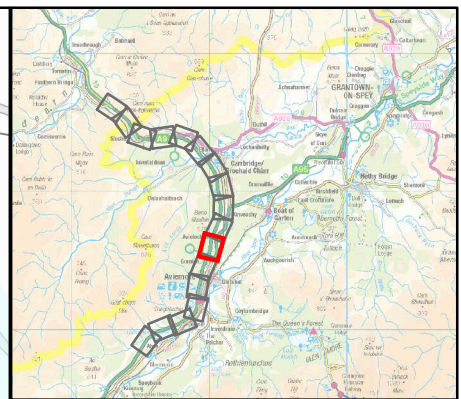
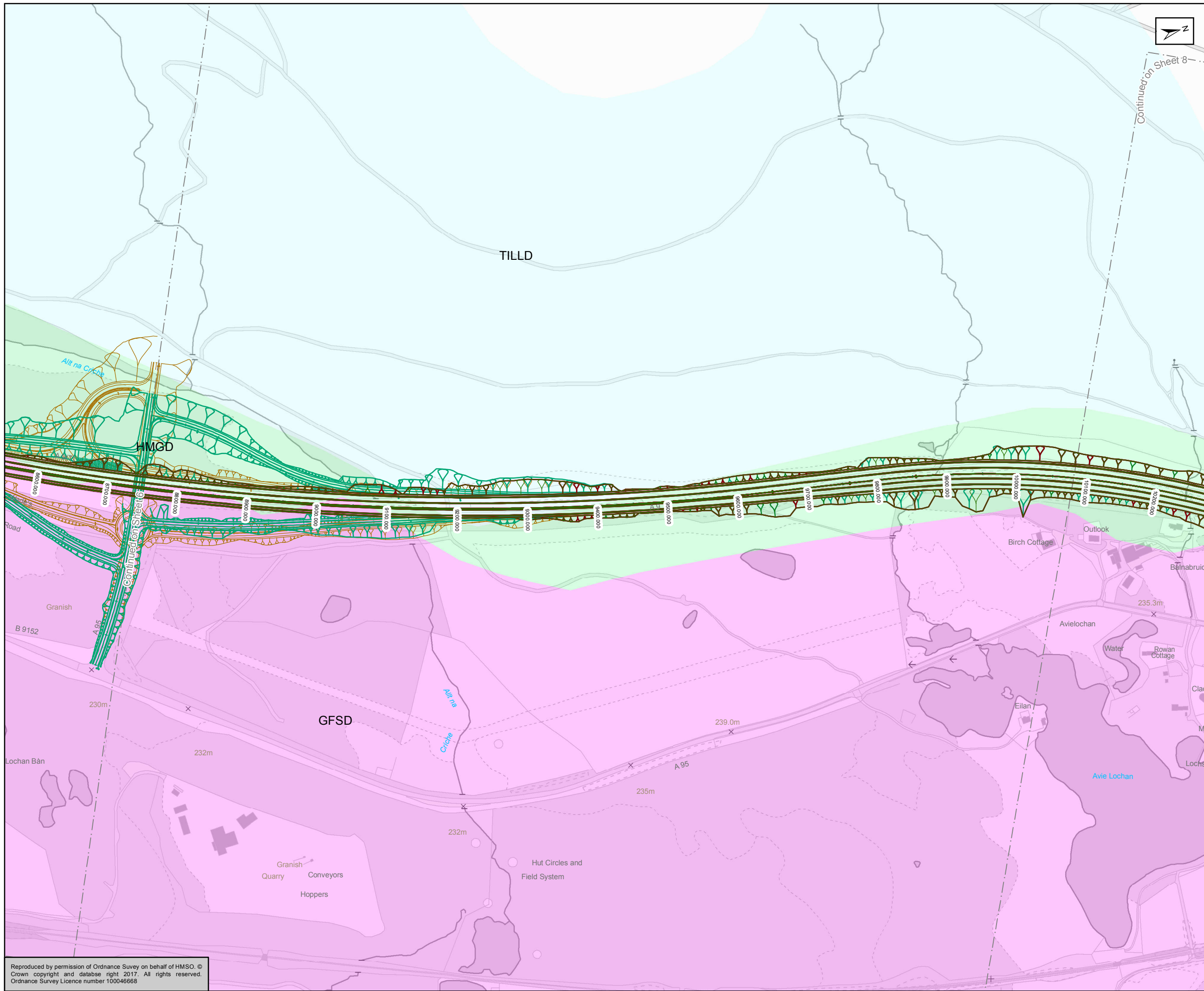
A9 DUALING
PERTH TO INVERNESS
Dalraddy to Slochd

ATKINS mouchel

Figure 5.24f
Mainline Alignment Option 2
Superficial Geology
Sheet 6 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0006							Revision	P03
Project	Originator	Volume							
Location	Type	Role	Number						

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)

Granish Junction Options (Northbound Widening)

Superficial Geology

- TILLD TILL, DEVENSIAN - DIAMICTON
- HMGD HUMMOCKY (MOUNDY) GLACIAL DEPOSITS - DIAMICTON, SAND AND GRAVEL
- GFSD GLACIOFLUVIAL SHEET DEPOSITS - GRAVEL, SAND AND SILT

Kilometres

0 0.1 0.2

Status	FINAL	Subsidiary	B
--------	-------	------------	---

Client

TRANSPORT SCOTLAND
COMHDHAIL ALBA

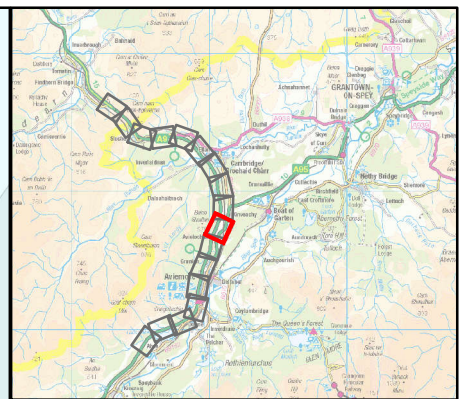
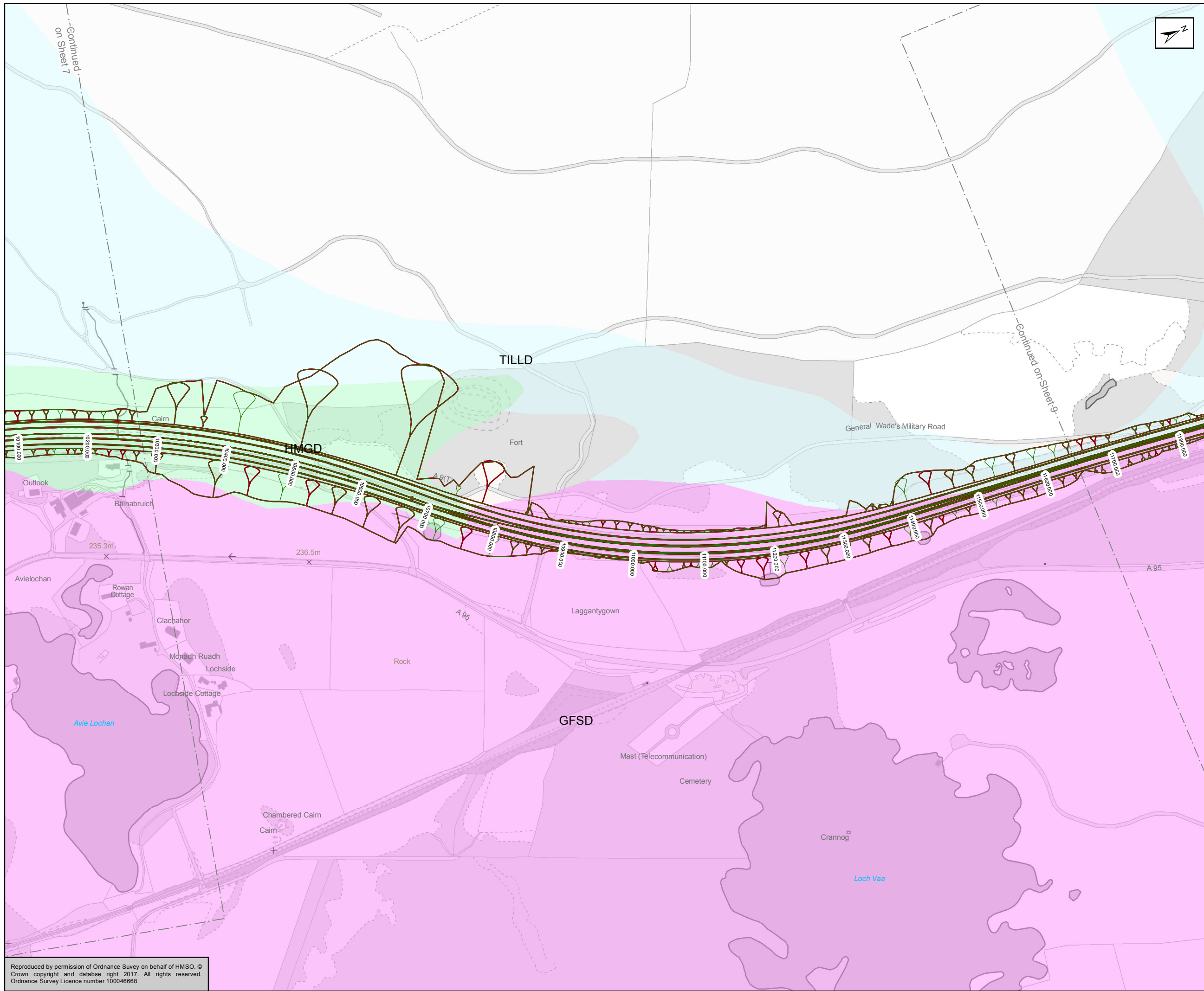
A9
DUALING
PERTH TO INVERNESS
Dalraddy to Slochd

ATKINS mouchel

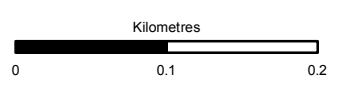
Figure 5.24g
Mainline Alignment Option 2
Superficial Geology
Sheet 7 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0007							Revision	P03
Project	Originator	Volume							
Location	Type	Role	Number						

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



- Mainline Option 2 (Combination of Northbound and Southbound Widening)
- Aviemore South Junction Options (Southbound Widening)**
- Aviemore South Junction Options (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



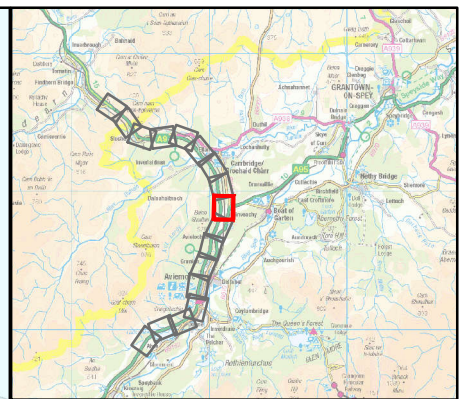
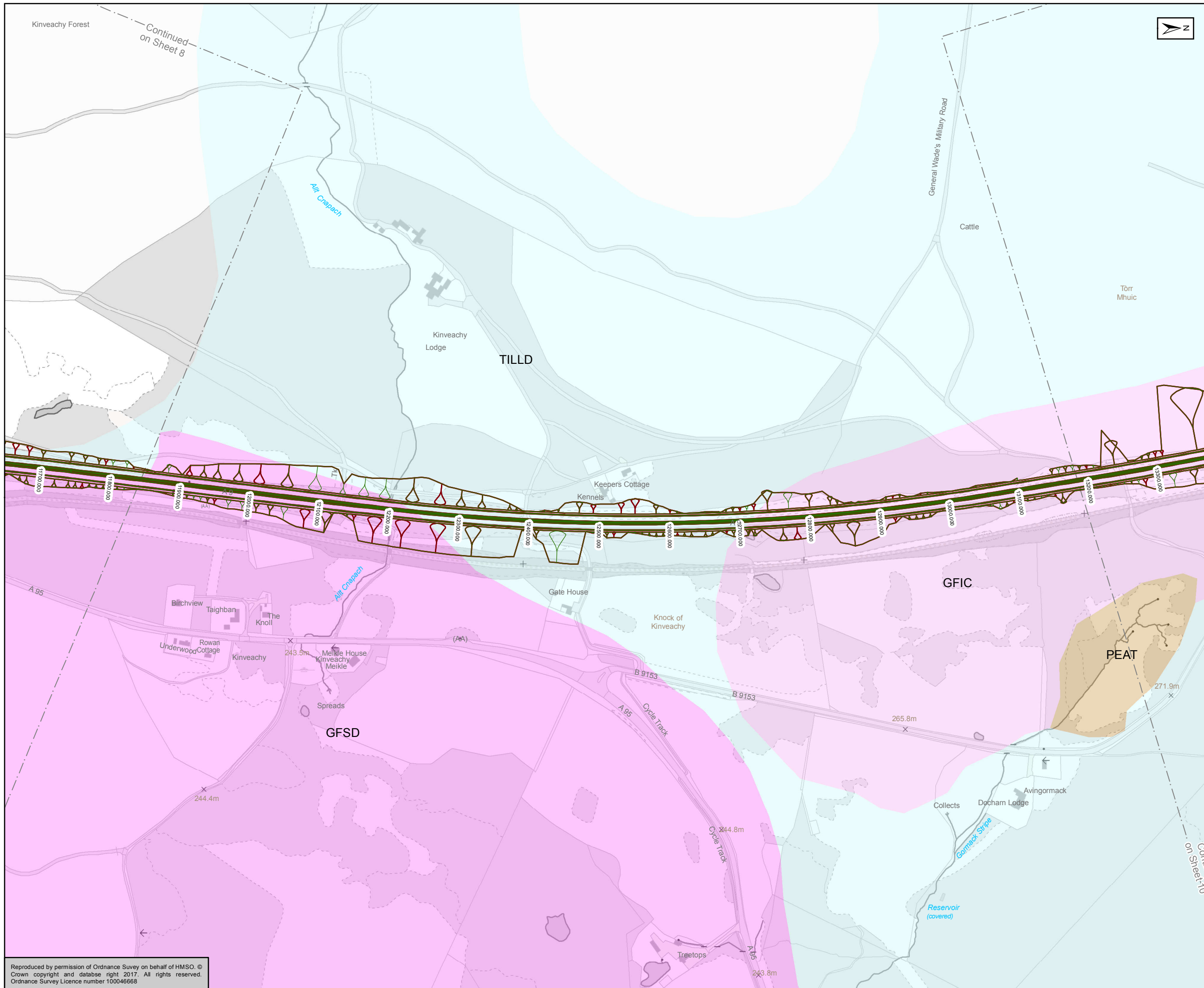
Status	FINAL	Subsidiary	B
--------	-------	------------	---



Figure 5.24h
Mainline Alignment Option 2
Superficial Geology
Sheet 8 of 17

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-F_ZZZZZX-DR-GI-0008							Revision	P03
Project	Originator	Volume							
Location	Type	Role	Number						

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



- Mainline Option 2 (Combination of Northbound and Southbound Widening)
- Aviemore South Junction Options (Southbound Widening)**
- Aviemore South Junction Options (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

Kilometres

0 0.1 0.2

Status	Subsidiary
FINAL	B

Client

TRANSPORT SCOTLAND
COMHDHAIL ALBA

A9
DUALLING
PERTH TO INVERNESS
Dalraddy to Stochd

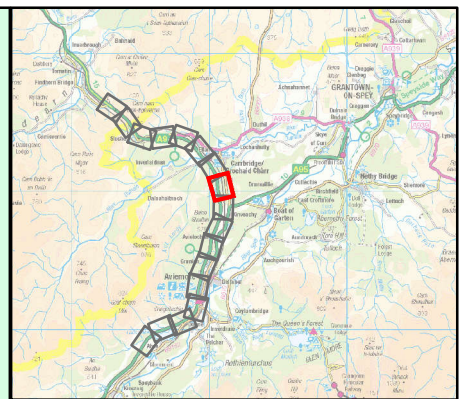
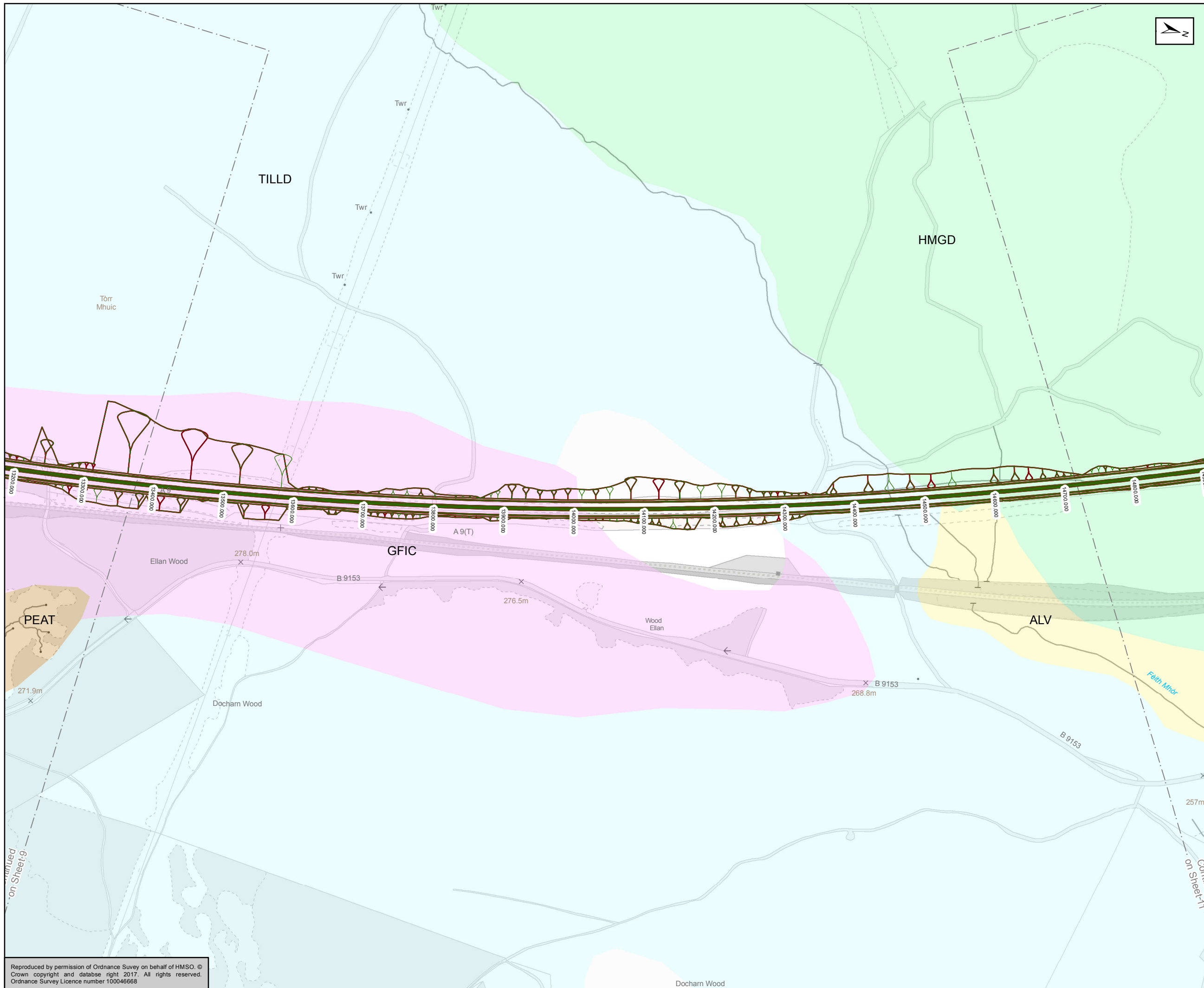
Title

ATKINS mouchel

Figure 5.24i
Mainline Alignment Option 2
Superficial Geology
Sheet 9 of 17

Scale	Drawn	Checked	Approved	Authorised
1:5,000	JD	KP	MD	RG
Document Number				Revision
A9P11-AMJ-EGT-F_ZZZZZ_XX-DR-GI-0009				P03
Location	Type	Role	Number	

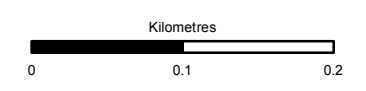
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668



Mainline Option 2 (Combination of Northbound and Southbound Widening)

Aviemore South Junction Options (Southbound Widening)
 Aviemore South Junction Options (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 Substage: B

Client: **TRANSPORT SCOTLAND**
 COMHDHAIL ALBA



ATKINS mouchel

Figure 5.24j
 Mainline Alignment Option 2
 Superficial Geology
 Sheet 10 of 17

Scale: 1:5,000	Drawn: JD	Checked: KP	Approved: MD	Authorised: RG
Document Number: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0010	Project: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0010	Originator: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0010	Volume: A9P11-AMJ-EGT-F_ZZZZZ_XZ-DR-GI-0010	Revision: P03
Location:	Type:	Role:	Number:	

Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2017. All rights reserved. Ordnance Survey Licence number 100046668