

**Mainline Option 1A (Southbound Widening, Aviemore Variant)**

**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

**Bedrock Geology**

- MNDL2-MZGNB: MONADHLIATH PLUTON, PHASE 2 - MONZOGRANITE, BIOTITE
- SDCAD-FELS: NORTH BRITAIN SILURO-DEVONIAN CALC-ALKALINE DYKE SUITE - FELSITE
- SDCAD-MCDIM: NORTH BRITAIN SILURO-DEVONIAN CALC-ALKALINE DYKE SUITE - MELAMICRODIORITE
- LLGN-PSAMI: LOCH LAGGAN PSAMMITE FORMATION - PSAMMITE, MICACEOUS
- PITY-PSAMM: PITYOULISH FORMATION - PSAMMITE
- PITY-PSSP: PITYOULISH FORMATION - PSAMMITE AND SEMPELITE
- PITY-SEMPEL: PITYOULISH FORMATION - SEMPELITE

Kilometres  
0 0.1 0.2

Status	FINAL	Subsidiary	B
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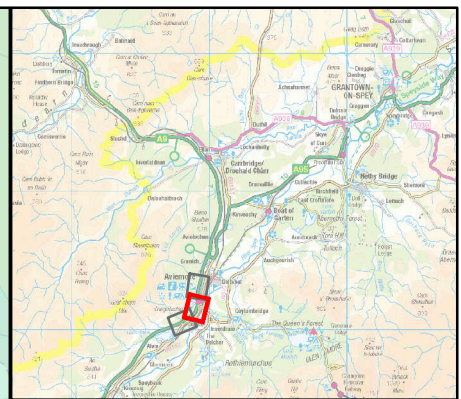
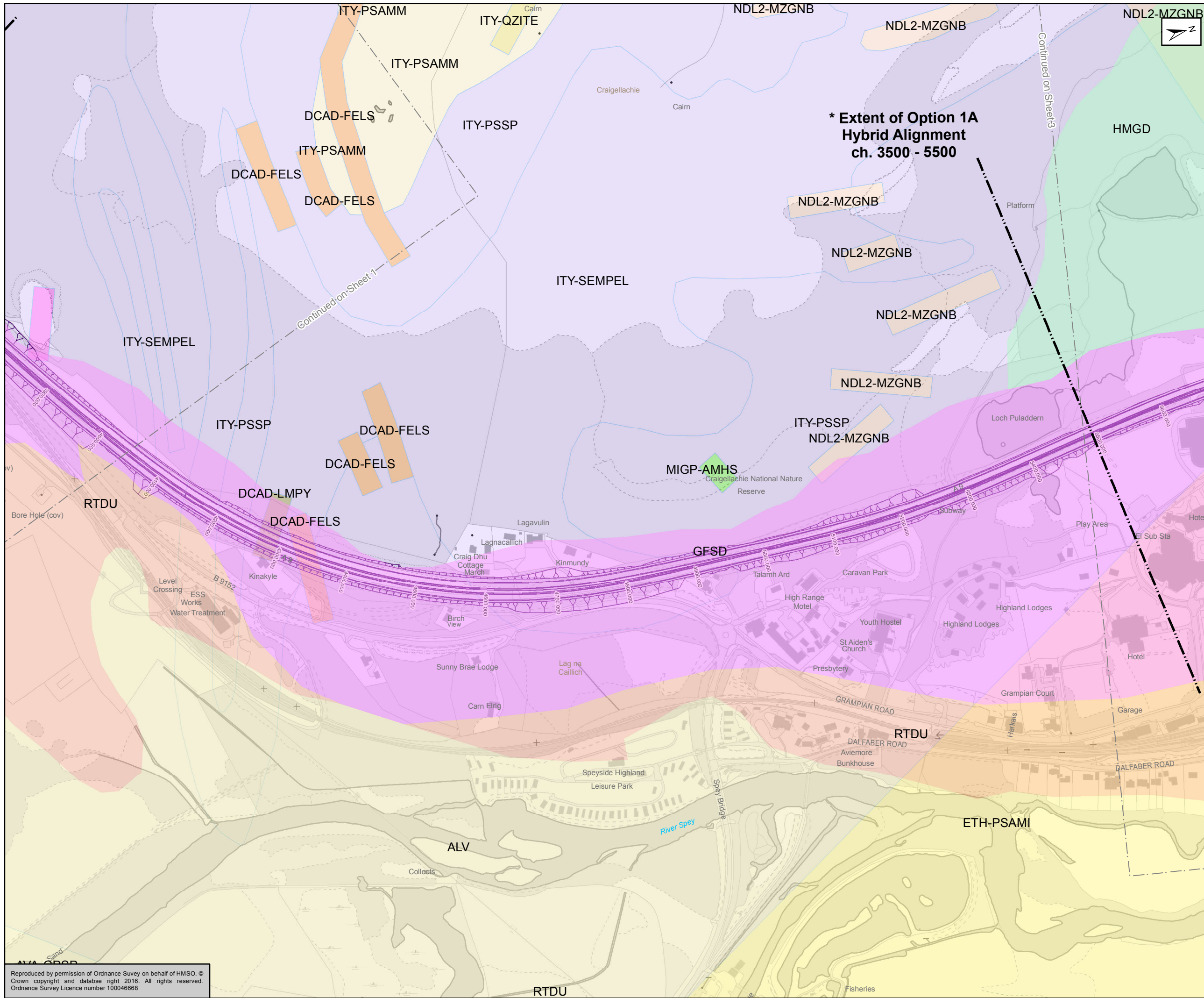


Figure 5.26a  
Mainline Alignment Option 1A  
Solid Geology  
Sheet 1 of 3

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG
Document Number	A9P11-AMJ-EGT-G_ZZZZZ_XX-DR-GI-0004			Project	Originator	Volume	P02		
Location	Type	Role	Number						

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**Bedrock Geology**

MNDL2-MZGNB	MONADHLIATH PLUTON, PHASE 2 - MONZOGRANITE, BIOTITE
SDCAD-FELS	NORTH BRITAIN SILURO-DEVONIAN CALC-ALKALINE DYKE SUITE - FELSITE
SDCAD-LMPY	NORTH BRITAIN SILURO-DEVONIAN CALC-ALKALINE DYKE SUITE - LAMPROPHYRES
SDCAD-MCDIM	NORTH BRITAIN SILURO-DEVONIAN CALC-ALKALINE DYKE SUITE - MELAMICRODIORITE
DAVA-GPSP	DAVA SUBGROUP - GNEISSOSE PSAMMITE AND GNEISSOSE SEMIPELITE
NETH-PSAMI	NETHYBRIDGE PSAMMITE FORMATION - PSAMMITE, MICACEOUS
PITY-PSAMM	PITYOULISH FORMATION - PSAMMITE
PITY-PSSP	PITYOULISH FORMATION - PSAMMITE AND SEMIPELITE
PITY-QZITE	PITYOULISH FORMATION - QUARTZITE
PITY-SEMPEL	PITYOULISH FORMATION - SEMIPELITE
UMIGP-AMHS	UNNAMED METAMORPHOSED IGNEOUS ROCKS, PRE-CALEDONIAN TO CALEDONIAN - AMPHIBOLITE AND HORNBLLENDE SCHIST

Kilometres  
0 0.1 0.2

Status	FINAL	Subsidiary	B
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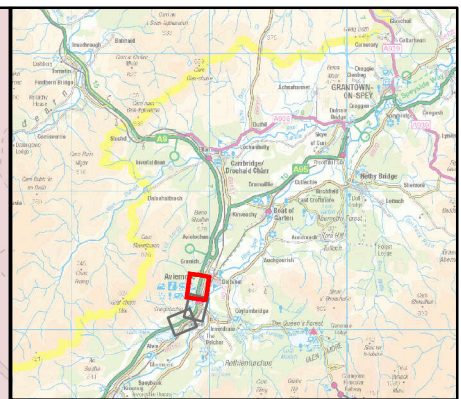
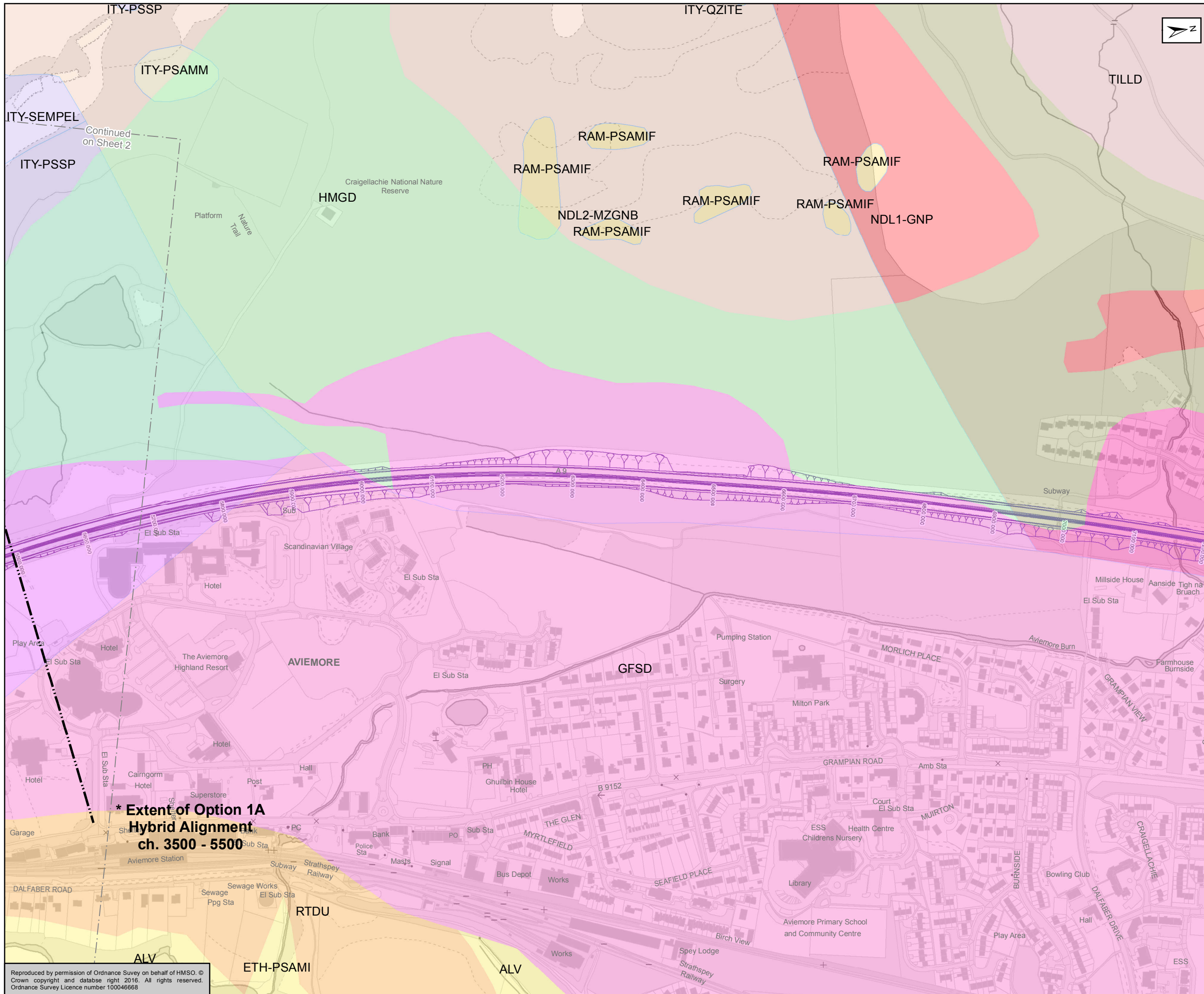


Figure 5.26b  
Mainline Alignment Option 1A  
Solid Geology  
Sheet 2 of 3

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG	
Document Number	A9P11-AMJ-EGT-G_ZZZZZ_XZ-DR-GI-0005								Revision	P02
Project	Originator	Volume								
Location	Type	Role	Number							

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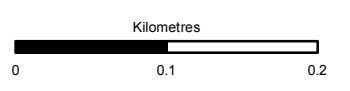




Mainline Option 1A (Southbound Widening, Aviemore Variant)

**Bedrock Geology**

MNDL1-GNP	MONADHLIATH PLUTON, PHASE 1 - GRANITE, PORPHYRITIC
MNDL2-MZGNB	MONADHLIATH PLUTON, PHASE 2 - MONZOGRANITE, BIOTITE
GRAM-PSAMIF	GRAMPIAN GROUP - PSAMMITE, MICACEOUS-FLAGGY
NETH-PSAMI	NETHYBRIDGE PSAMMITE FORMATION - PSAMMITE, MICACEOUS
PITY-PSAMM	PITYOULISH FORMATION - PSAMMITE
PITY-PSSP	PITYOULISH FORMATION - PSAMMITE AND SEMIPELITE
PITY-QZITE	PITYOULISH FORMATION - QUARTZITE
PITY-SEMPEL	PITYOULISH FORMATION - SEMIPELITE



Status	FINAL	Subsidiary	B
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Figure 5.26c  
Mainline Alignment Option 1A  
Solid Geology  
Sheet 3 of 3

Scale	1:5,000	Drawn	JD	Checked	KP	Approved	MD	Authorised	RG	
Document Number	A9P11-AMJ-EGT-G_ZZZZZ_XZ-DR-GI-0006								Revision	P02
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