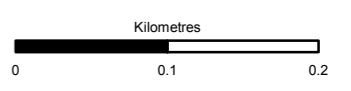


- Proposed Scheme
- 250m Study Area
- Cuttings
- Stage 2 GI Locations**
- Borehole without Groundwater Level
- Borehole with Groundwater Level
- Calculated Radius of Influence**
- Estimated Groundwater Level
- Known Groundwater Level
- Bedrock Aquifer Productivity**
- Fracture Flow; Low Productivity (FL)
- Fracture Flow; Very Low Productivity (FVL)
- Superficial Aquifer Productivity**
- Intergranular Flow; High Productivity
- Intergranular Flow; Moderate to High Productivity
- Intergranular Flow; Low to Moderate Productivity
- Not a significant aquifer



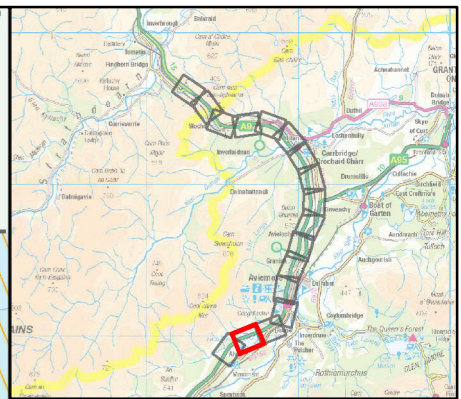
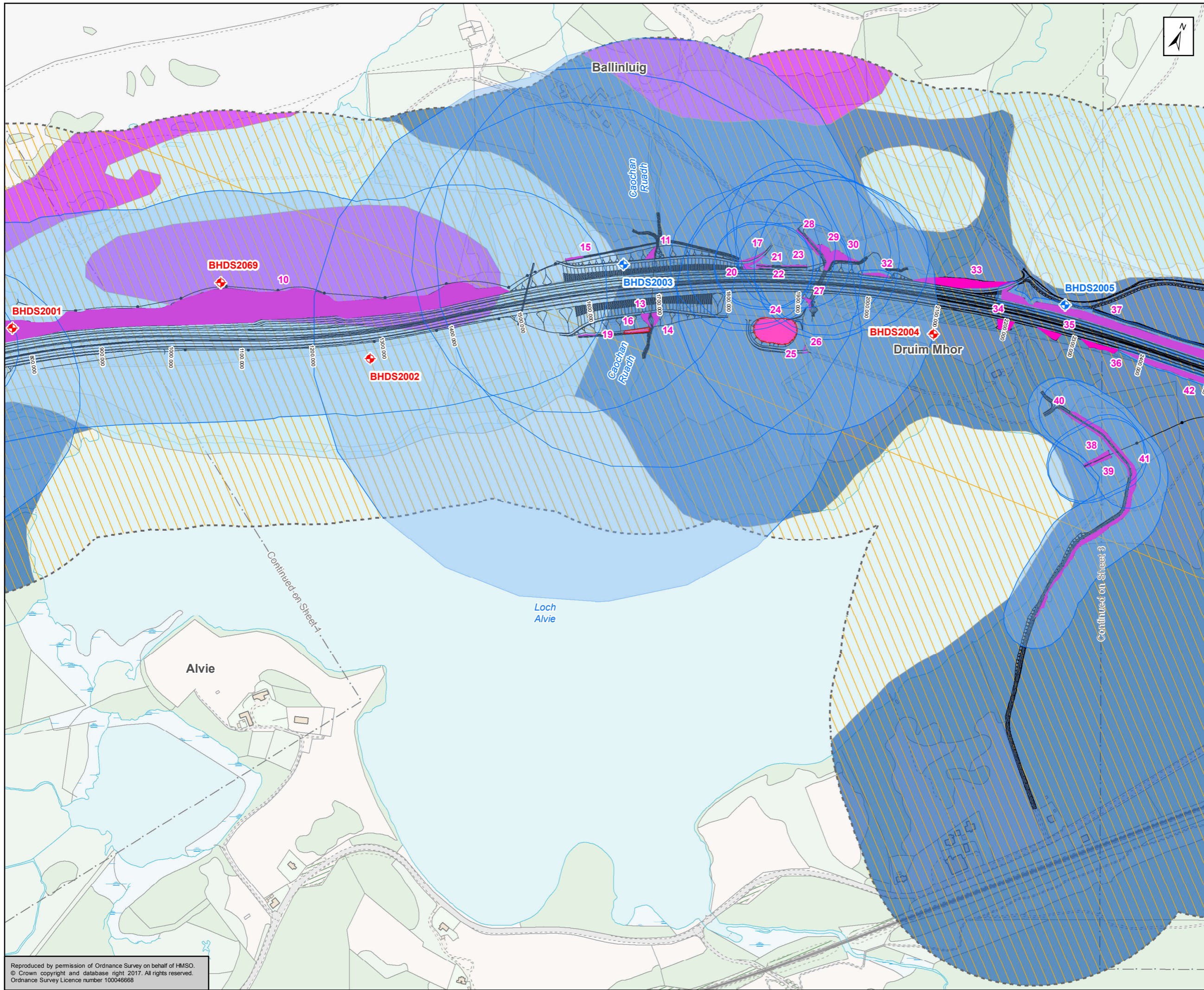
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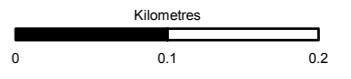
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Cuttings Radius of Influence  
and Aquifer Vulnerability  
Sheet 1 of 17

Scale	1:5,000	Drawn	MM	Checked	UC	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-EGT-H_ZZZZZ_XX-DR-GI-0135							Revision	P04
Project	Originator	Volume							
Location	Type	Role							

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Proposed Scheme  
 250m Study Area  
 Cuttings  
**Stage 2 GI Locations**  
 Borehole without Groundwater Level  
 Borehole with Groundwater Level  
**Calculated Radius of Influence**  
 Estimated Groundwater Level  
 Known Groundwater Level  
**Bedrock Aquifer Productivity**  
 Fracture Flow; Low Productivity (FL)  
 Fracture Flow; Very Low Productivity (FVL)  
**Superficial Aquifer Productivity**  
 Intergranular Flow; High Productivity  
 Intergranular Flow; Moderate to High Productivity  
 Intergranular Flow; Low to Moderate Productivity  
 Not a significant aquifer



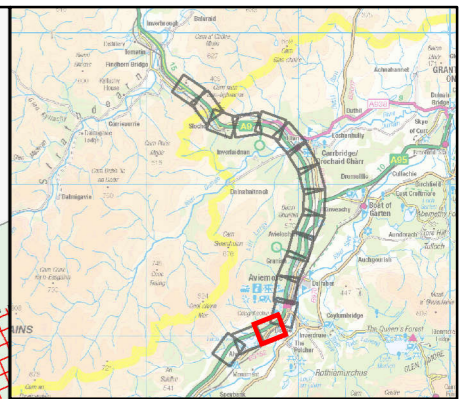
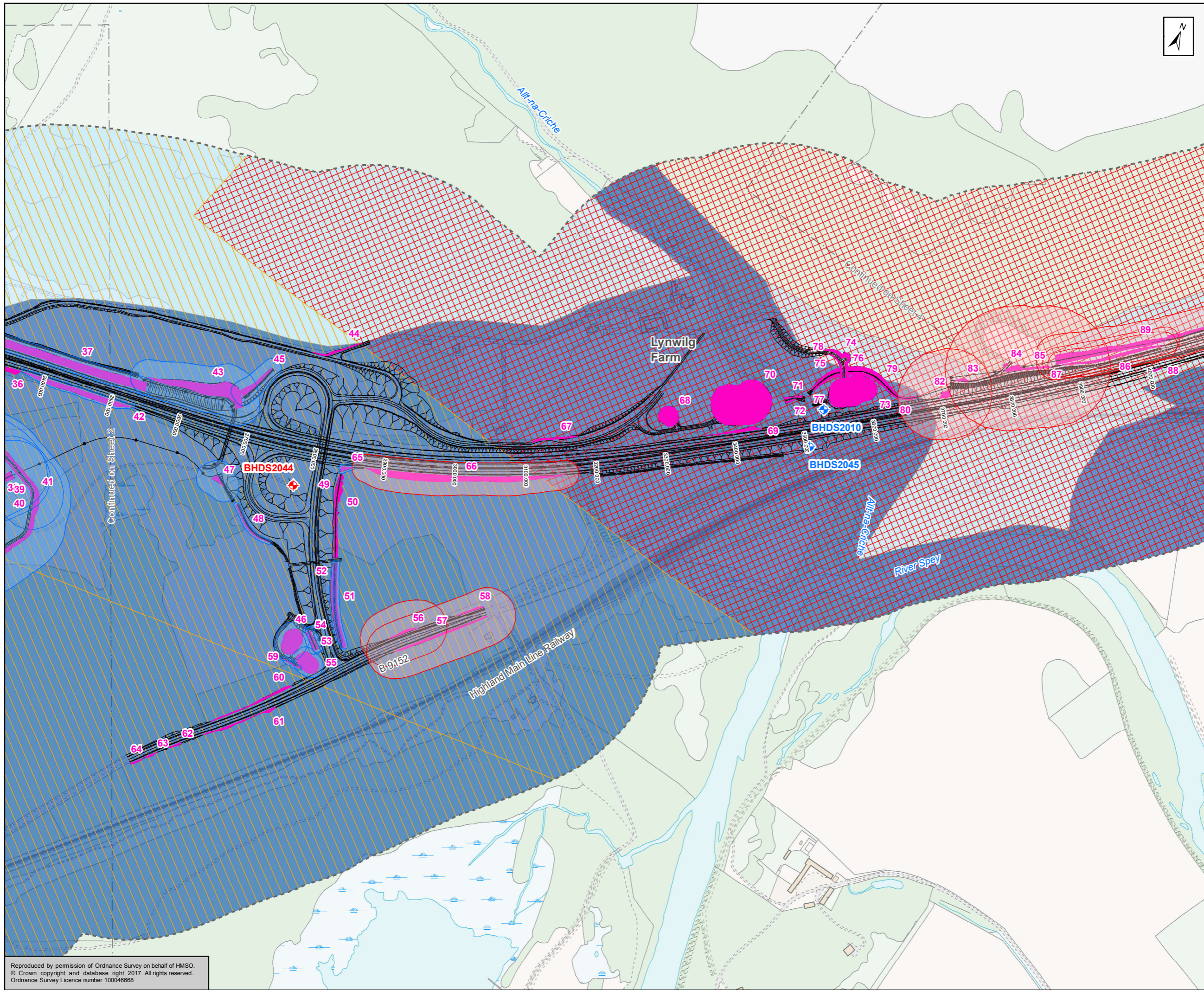
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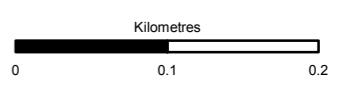
Figure A10.4.2  
 Cuttings Radius of Influence  
 and Aquifer Vulnerability  
 Sheet 2 of 17

Scale	1:5,000	Drawn	MM	Checked	UC	Approved	ROB	Authorised	SB
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Location	Type	Role							

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- Proposed Scheme
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- Stage 2 GI Locations**
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- Calculated Radius of Influence**
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- Superficial Aquifer Productivity**
- Intergranular Flow; High Productivity
- Intergranular Flow; Moderate to High Productivity
- Intergranular Flow; Low to Moderate Productivity
- Not a significant aquifer



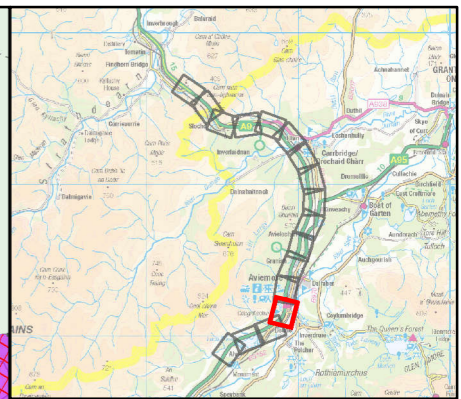
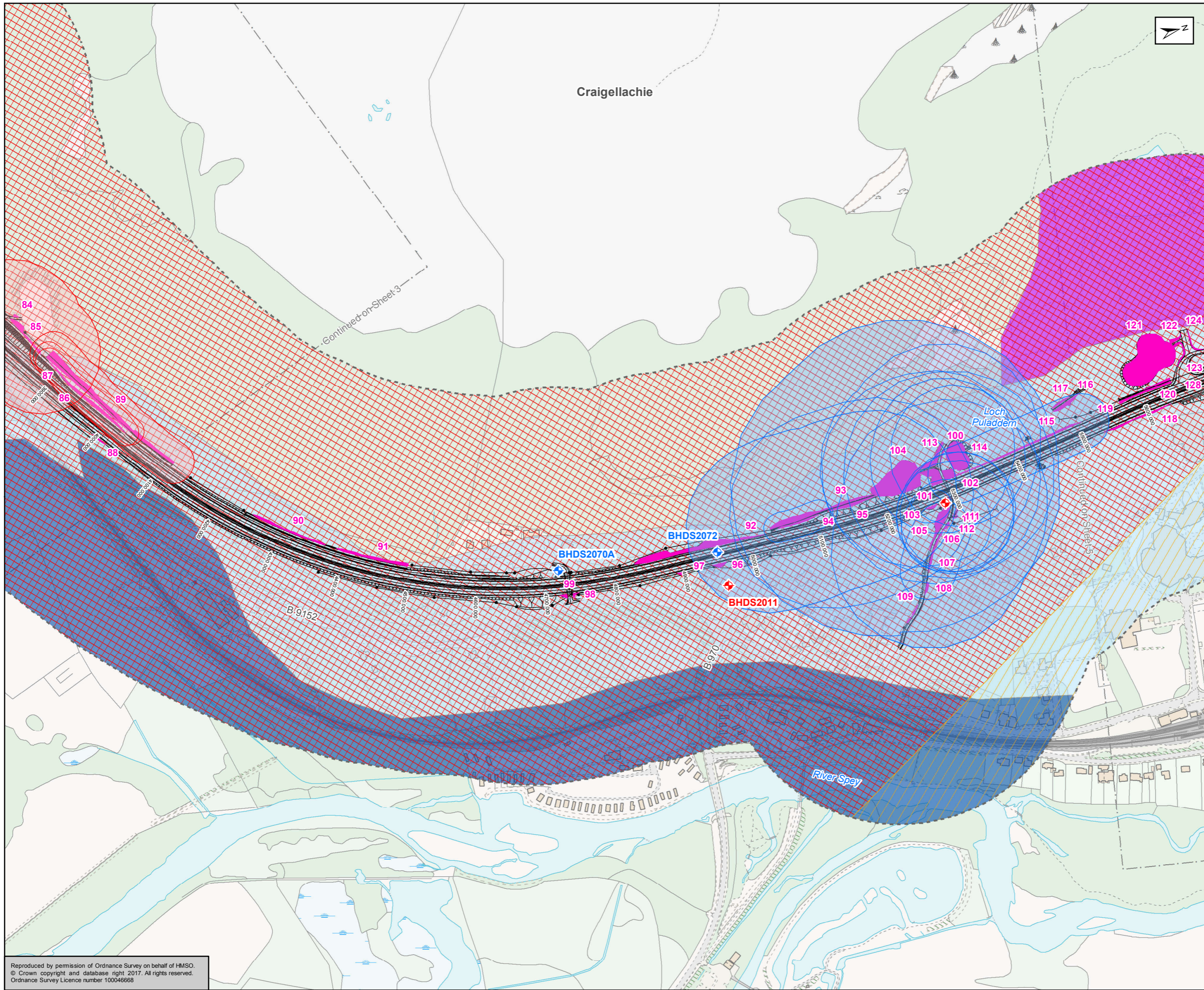
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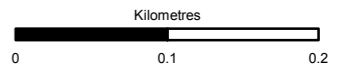
Figure A10.4.2  
Cuttings Radius of Influence  
and Aquifer Vulnerability  
Sheet 3 of 17

Scale	1:5,000	Drawn	MM	Checked	UC	Approved	ROB	Authorised	SB
Document Number	A9P11-AMJ-EGT-H_ZZZZZ_XX-DR-GI-0137							Revision	P04
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Proposed Scheme  
 250m Study Area  
 Cuttings  
**Stage 2 GI Locations**  
 Borehole without Groundwater Level  
 Borehole with Groundwater Level  
**Calculated Radius of Influence**  
 Estimated Groundwater Level  
 Known Groundwater Level  
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 Fracture Flow; Very Low Productivity (FVL)  
**Superficial Aquifer Productivity**  
 Intergranular Flow; High Productivity  
 Intergranular Flow; Moderate to High Productivity  
 Intergranular Flow; Low to Moderate Productivity  
 Not a significant aquifer



Status	FINAL	Subsidiary	B
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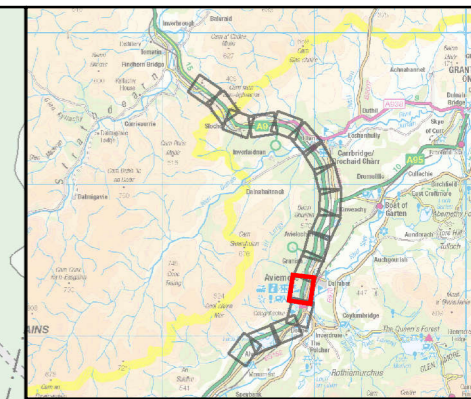
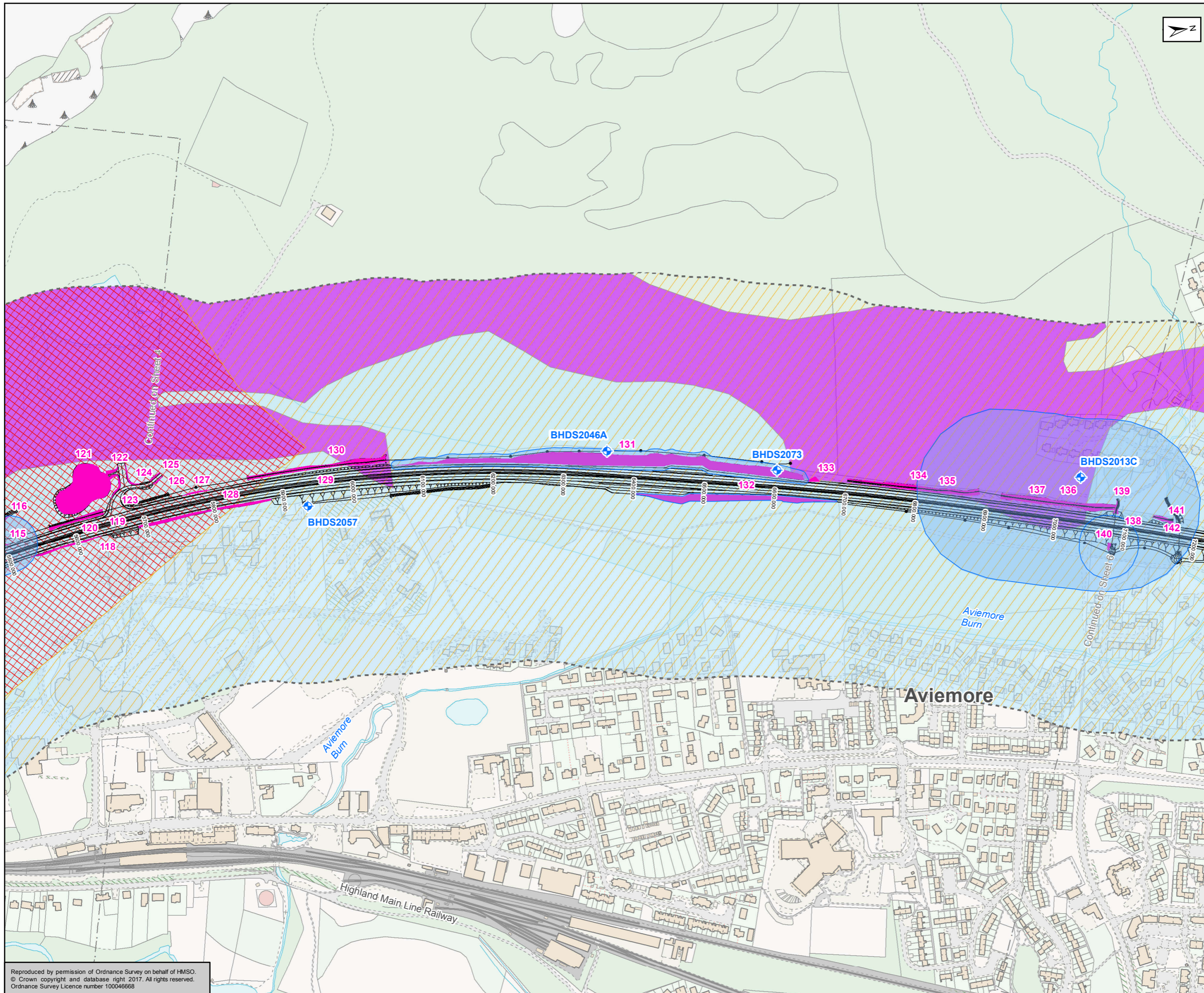
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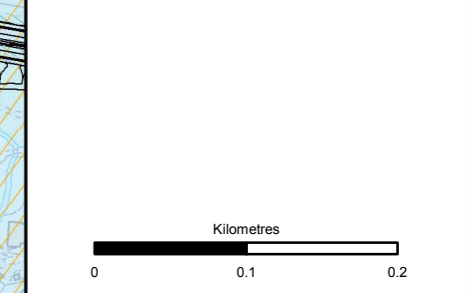
Figure A10.4.2  
 Cuttings Radius of Influence  
 and Aquifer Vulnerability  
 Sheet 4 of 17

Scale	1:5,000	Drawn	MM	Checked	UC	Approved	ROB	Authorised	SB	
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Location	Type	Role	Number							

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- Proposed Scheme
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- Intergranular Flow; Moderate to High Productivity
- Intergranular Flow; Low to Moderate Productivity
- Not a significant aquifer



Status: FINAL Submittal: B

Client: **TRANSPORT SCOTLAND**  
COMHDHAIL ALBA



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Figure A10.4.2  
Cuttings Radius of Influence  
and Aquifer Vulnerability  
Sheet 5 of 17

Scale	1:5,000	Drawn	MM	Checked	UC	Approved	ROB	Authorised	SB	
Document Number	A9P11-AMJ-EGT-H_ZZZZZ_XX-DR-GI-0139								Revision	P04
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