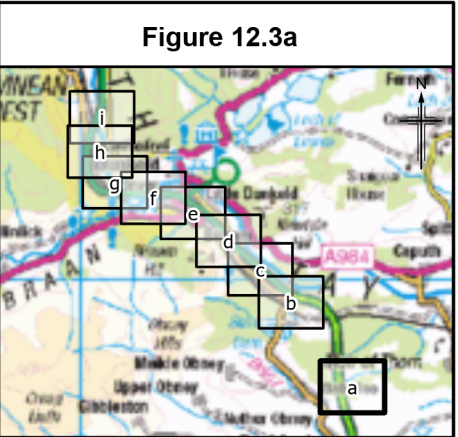




- Legend**
- Proposed scheme (DMRB Stage 3)
- SuDS
- Boundaries of the Site
- 200m Study Area
- UKHab Survey - Lines**
- h Heathland and shrub
- r Rivers and lakes
- UKHab Survey - Polygons**
- f1a - Blanket bog
- f2 - Fen, marsh and swamp
- g1a - Lowland dry acid grassland
- g1 - Acid grassland
- g3c - Other neutral grassland
- g3c7 - Deschampsia neutral grassland
- g3c8 - Holcus-Juncus neutral grassland
- g4 - Modified grassland; g4
- h1a7 - Wet heathland with cross-leaved heath; lowland (H4010)
- h1b6 - Wet heathland with cross-leaved heath; upland (H4010)
- u Urban
- w Woodland and forest
- h3 - Dense scrub
- u1b6 - Other developed land
- u1c - Artificial unvegetated unsealed surface
- w1d - Wet woodland
- w1g - Other woodland, broadleaved
- w1h - Other woodland, mixed
- w2b - Other scots pine woodland
- w2 - Coniferous woodland
- w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs
95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRRAIDHAIL ALBA

Project

A9 DUALING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

Environmental Impact Assessment Report
UK Hab Survey Results

Sheet 1 of 9		
Drawing Status	S4 - For Stage Approval	
Scale	1:5,000 @ A3	DO NOT SCALE
Jacobs No.	B2140002	
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003	
Drawing number	Figure 12.3a	Rev P03

© Crown copyright 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



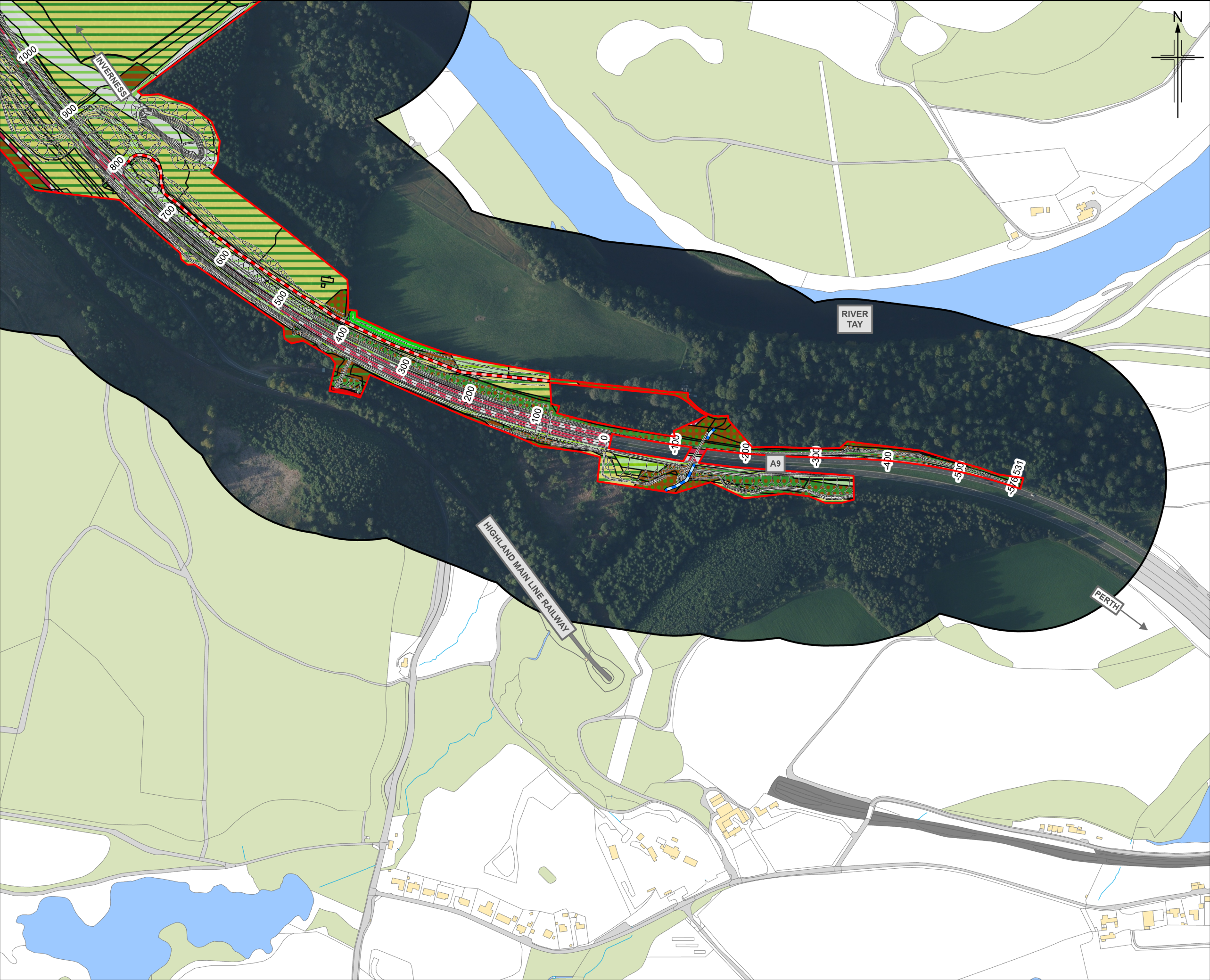


Figure 12.3b

Legend

Proposed scheme (DMRB Stage 3)

SuDS

Boundaries of the Site

200m Study Area

UKHab Survey - Lines

h Heathland and shrub

r Rivers and lakes

u Urban

w Woodland and forest

UKHab Survey - Polygons

g1 - Acid grassland

g1c - Bracken

g3c - Other neutral grassland

g4 - Modified grassland; g4

u1b6 - Other developed land

u1c - Artificial unvegetated unsealed surface

u1e - Built linear features

w1f - Lowland mixed deciduous woodland

w1g - Other woodland, broadleaved

w1h - Other woodland, mixed

w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRRAIDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 2 of 9

Drawing Status	S4 – For Stage Approval
Scale	1:5,000 @ A3 DO NOT SCALE
Jacobs No.	B2140002
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003
Drawing number	Figure 12.3b
Rev	P03

© Crown copyright 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Figure 12.3c

Legend

Proposed scheme (DMRB Stage 3)

SuDS

Boundaries of the Site

200m Study Area

UKHab Survey - Lines

h Heathland and shrub

r Rivers and lakes

UKHab Survey - Polygons

g1 - Acid grassland

g1c - Bracken

g3c - Other neutral grassland

g4 - Modified grassland; g4

h3 - Dense scrub

r2 - Rivers and lakes

u1b6 - Other developed land

u1d - Suburban mosaic of developed/natural surfaces

u Urban

w Woodland and forest

w1d - Wet woodland

w1f - Lowland mixed deciduous woodland

w1g - Other woodland, broadleaved

w1h - Other woodland, mixed

w2b - Other scots pine woodland

w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
Jacobs 95 Bothwell Street, Glasgow, G2 7HX, UK. Tel: +44(0)141 243 8000 www.jacobs.com						
Client TRANSPORT SCOTLAND CÒRHDHAIL ALBA						
Project A9 DUALLING PASS OF BIRNAM TO TAY CROSSING						
Drawing title Environmental Impact Assessment Report UK Hab Survey Results						
Sheet 3 of 9						
Drawing Status S4 – For Stage Approval						
Scale 1:5,000 @ A3 DO NOT SCALE						
Jacobs No. B2140002						
BIM No. A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003						
Drawing number Figure 12.3c						
Rev P03						

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.





Figure 12.3d

Legend

Proposed scheme (DMRB Stage 3)

- SuDS
- Boundaries of the Site
- 200m Study Area

UKHab Survey - Lines

- h Heathland and shrub
- r Rivers and lakes

UKHab Survey - Polygons

- c1c - Cereal crops
- g1 - Acid grassland
- g1c - Bracken
- g3c - Other neutral grassland
- g3c5 - Arrhenatherum neutral grassland
- h3 - Dense scrub
- r2 - Rivers and lakes
- u1b5 - Buildings
- u1b6 - Other developed land
- u1c - Artificial unvegetated unsealed surface
- u Urban
- w Woodland and forest
- u1d - Suburban mosaic of developed/natural surfaces
- u1e - Built linear features
- w1d - Wet woodland
- w1f - Lowland mixed deciduous woodland
- w1g - Other woodland, broadleaved
- w1h - Other woodland, mixed
- w2b - Other scots pine woodland
- w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRMDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 4 of 9

Drawing Status	S4 – For Stage Approval
Scale	1:5,000 @ A3
Jacobs No.	B2140002
BIM No.	A9P02-JAC-EBD-D_XXXX_ZZ-FG-EN-0003
Drawing number	Figure 12.3d
Rev	P03

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



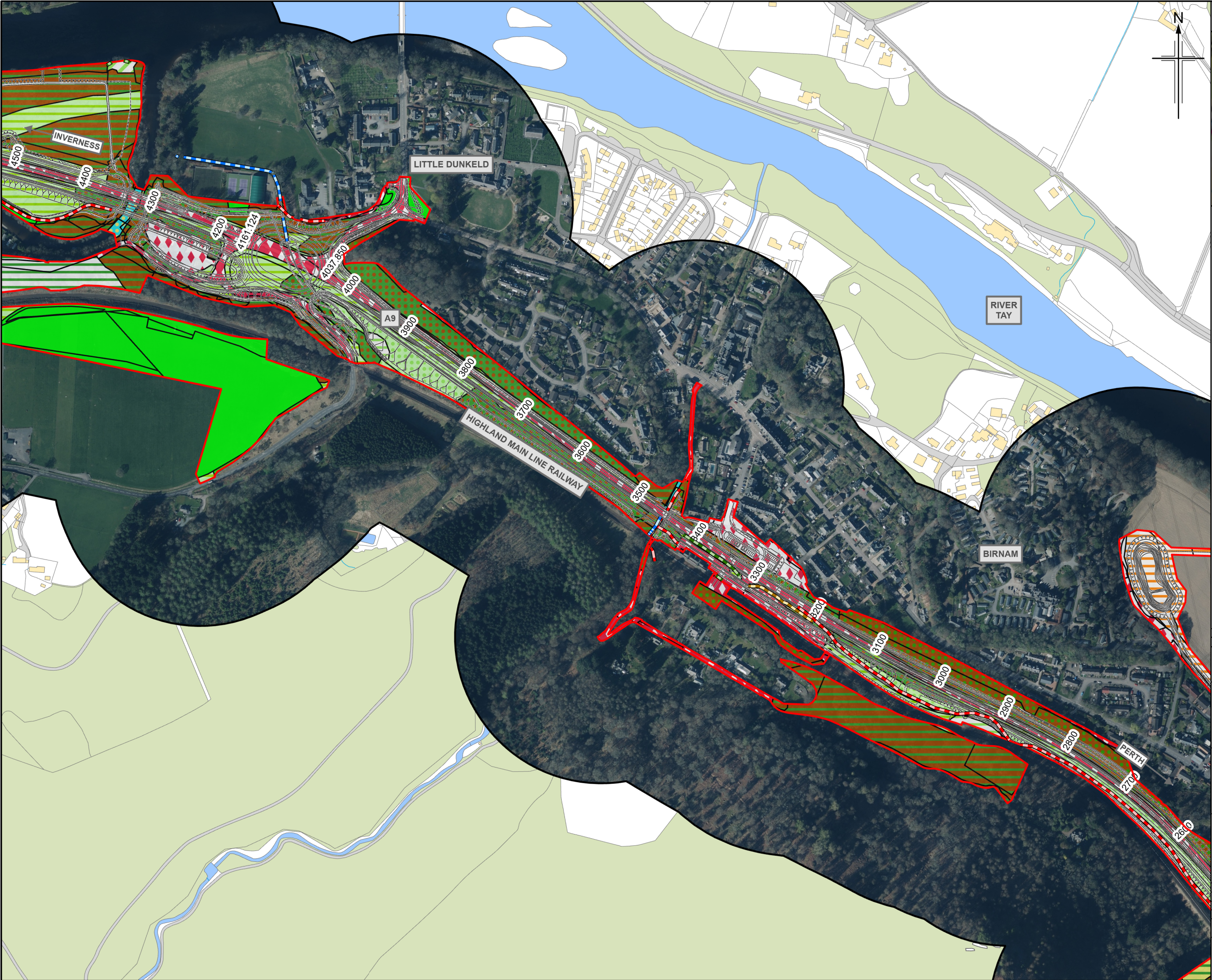


Figure 12.3e

Legend

Proposed scheme (DMRB Stage 3)

- SuDS
- Boundaries of the Site
- 200m Study Area

UKHab Survey - Lines

- h Heathland and shrub
- r Rivers and lakes

UKHab Survey - Polygons

- c1c - Cereal crops
- g1 - Acid grassland
- g1c - Bracken
- g3c - Other neutral grassland
- g3c5 - Arrhenatherum neutral grassland
- g4 - Modified grassland; g4
- r2 - Rivers and lakes
- u1b5 - Buildings
- u1b6 - Other developed land
- u1c - Artificial unvegetated unsealed surface
- u Urban
- w Woodland and forest
- u1d - Suburban mosaic of developed/natural surfaces
- u1e - Built linear features
- w1c - Lowland beech and yew woodland
- w1f - Lowland mixed deciduous woodland
- w1g - Other woodland, broadleaved
- w1h - Other woodland, mixed
- w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs
95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRMDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

Environmental Impact Assessment Report
UK Hab Survey Results

Sheet 5 of 9

Drawing Status	S4 - For Stage Approval	
Scale	1:5,000 @ A3	DO NOT SCALE
Jacobs No.	B2140002	
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003	
Drawing number	Figure 12.3e	Rev P03

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned. This drawing has been prepared on behalf of, and for the exclusive use of, Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

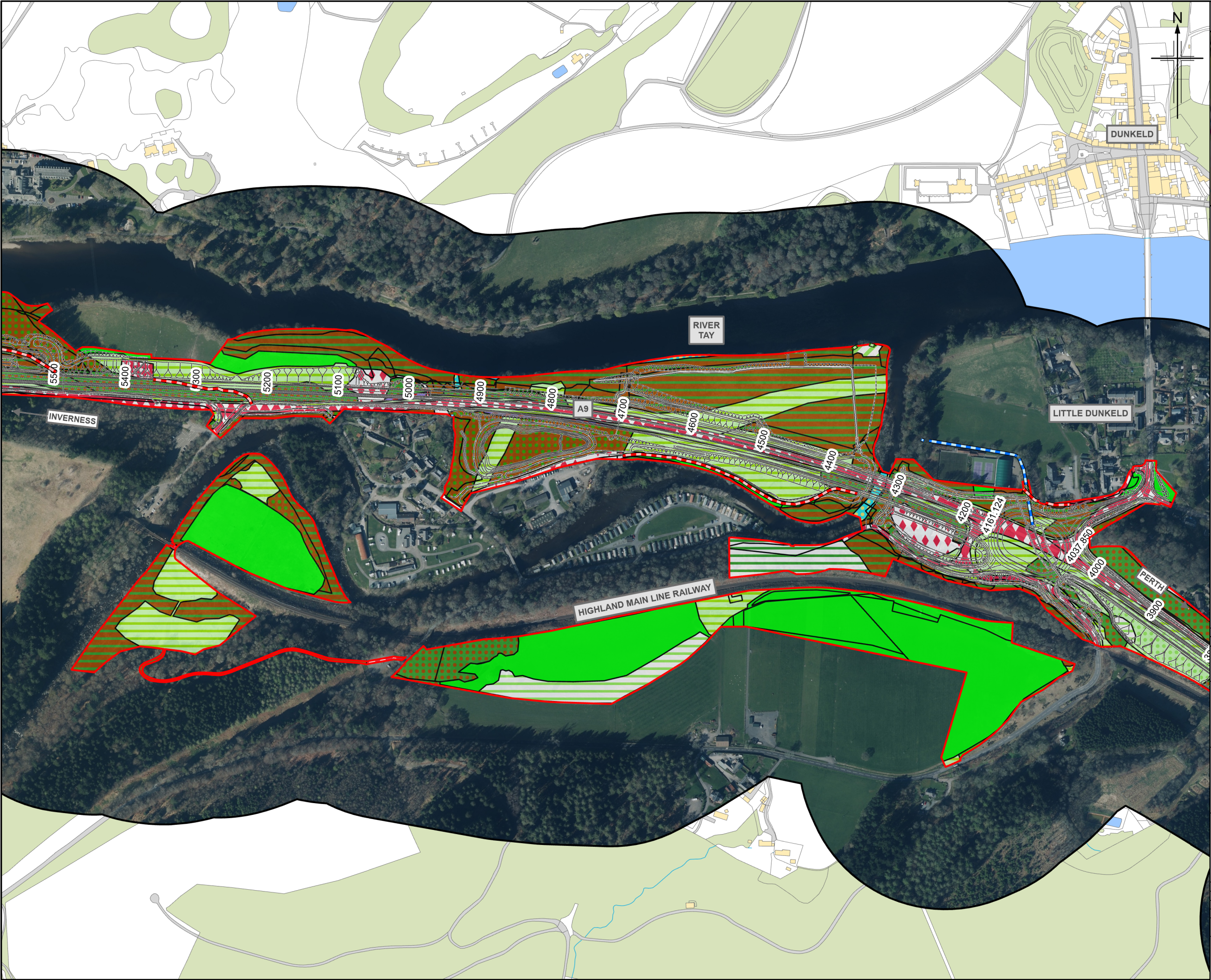


Figure 12.3f

Legend

Proposed scheme (DMRB Stage 3)

- SuDS
- Boundaries of the Site
- 200m Study Area

UKHab Survey - Lines

- h Heathland and shrub
- r Rivers and lakes

UKHab Survey - Polygons

- g1 - Acid grassland
- g1c - Bracken
- g3c - Other neutral grassland
- g3c5 - Arrhenatherum neutral grassland
- g4 - Modified grassland; g4
- h3 - Dense scrub
- r2 - Rivers and lakes
- s1d - Other inland rock and scree
- u1b6 - Other developed land
- u1c - Artificial unvegetated surface
- u Urban
- w Woodland and forest
- u1d - Suburban mosaic of developed/natural surfaces
- w1c - Lowland beech and yew woodland
- w1f - Lowland mixed deciduous woodland
- w1g - Other woodland, broadleaved
- w1h - Other woodland, mixed
- w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRMDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 6 of 9

Drawing Status	S4 – For Stage Approval
Scale	1:5,000 @ A3 DO NOT SCALE
Jacobs No.	B2140002
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003
Drawing number	Figure 12.3f
Rev	P03

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.

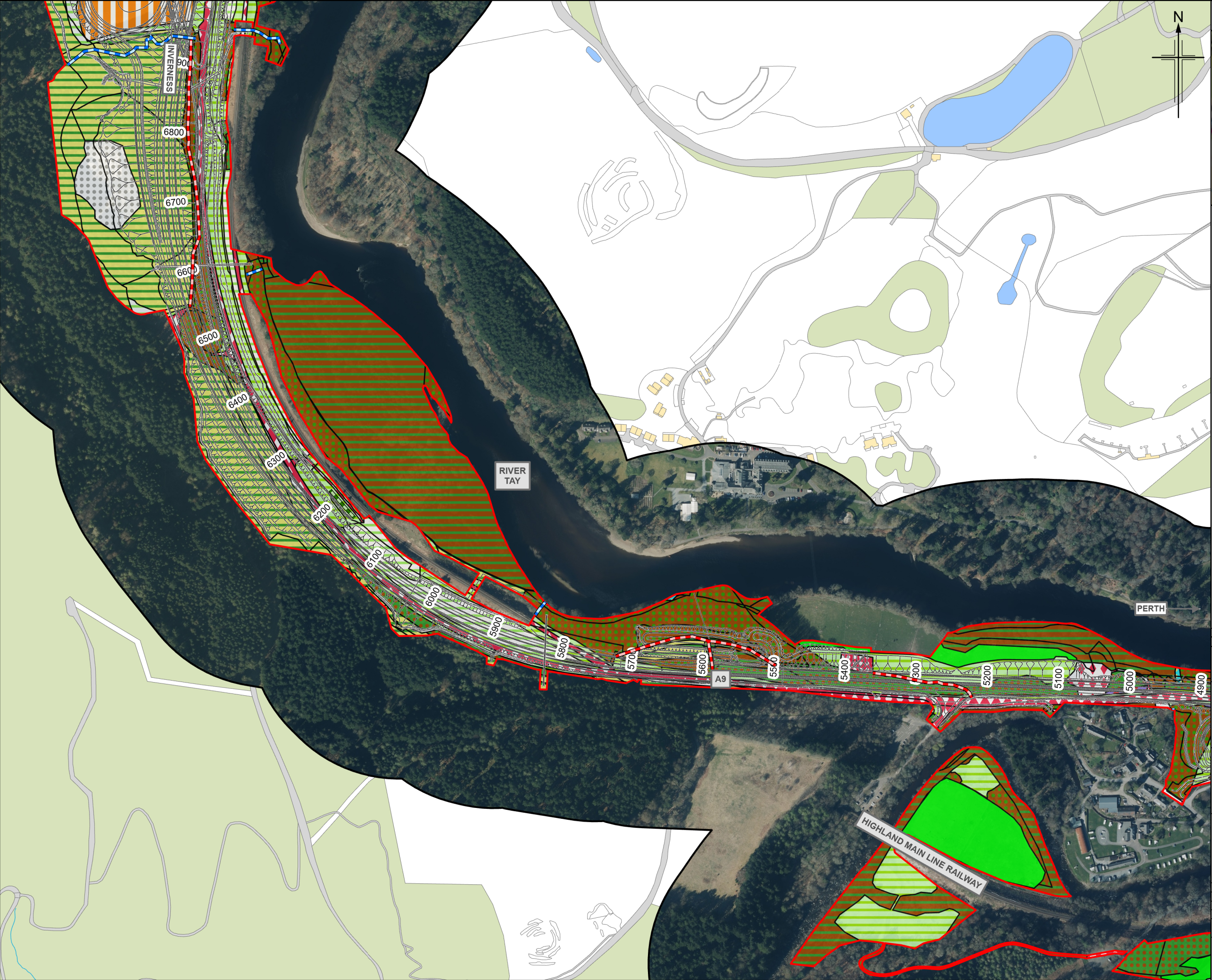


Figure 12.3g

Legend

Proposed scheme (DMRB Stage 3)

- SuDS
- Boundaries of the Site
- 200m Study Area

UKHab Survey - Lines

- h Heathland and shrub
- r Rivers and lakes

UKHab Survey - Polygons

- c1b - Temporary grass and clover lays
- c1d8 - Non-cereal crops
- g1c - Bracken
- g3c - Other neutral grassland
- g4 - Modified grassland; g4
- h3 - Dense scrub
- r2 - Rivers and lakes
- s1d - Other inland rock and scree
- u1b6 - Other developed land
- u Urban
- w Woodland and forest
- u1c - Artificial unvegetated unsealed surface
- u1d - Suburban mosaic of developed/natural surfaces
- w1f - Lowland mixed deciduous woodland
- w1g - Other woodland, broadleaved
- w1h - Other woodland, mixed
- w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
Còmhaidhal Alba

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 7 of 9

Drawing Status	S4 – For Stage Approval
Scale	1:5,000 @ A3
Jacobs No.	B2140002
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003
Drawing number	Figure 12.3g
Rev	P03

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



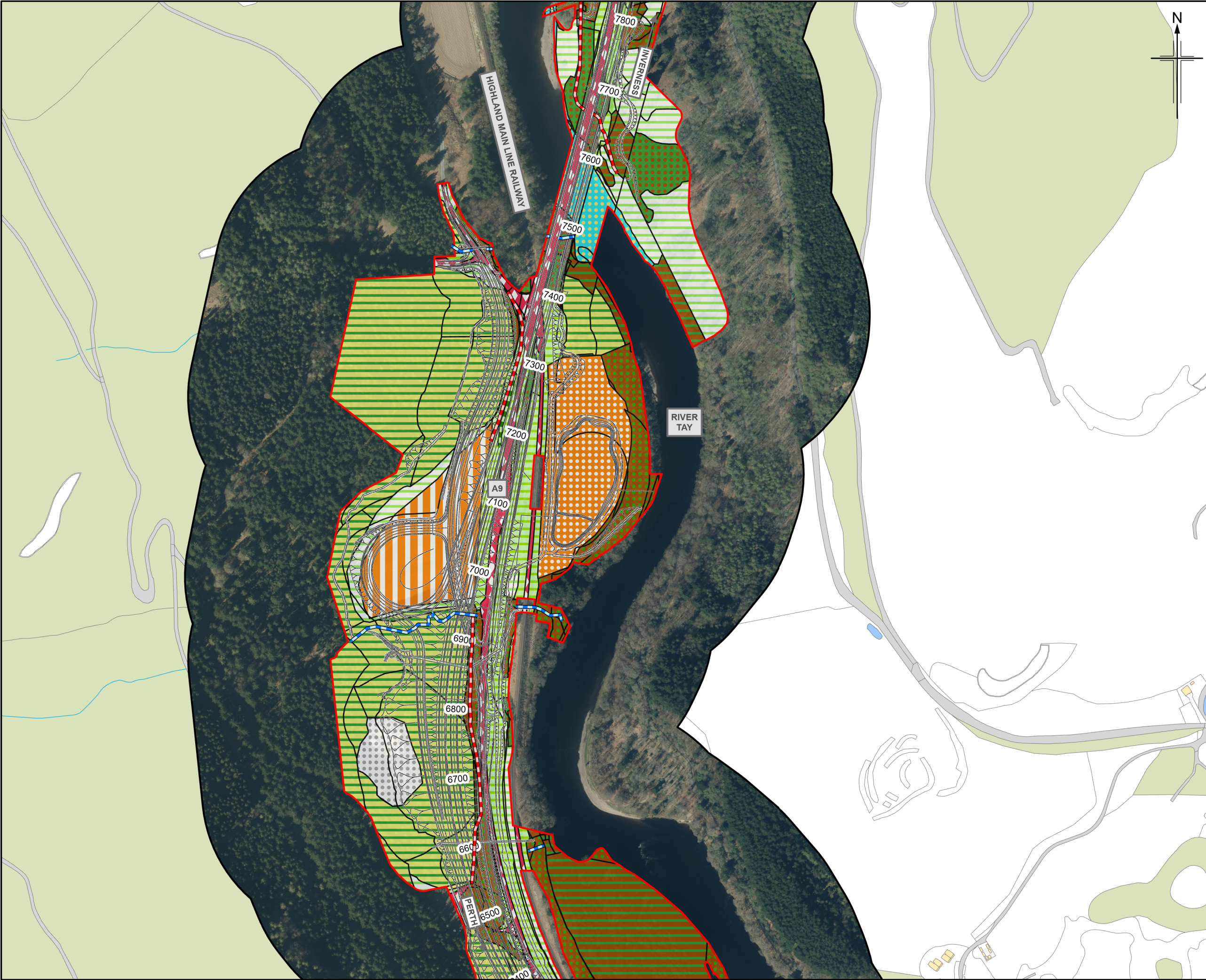


Figure 12.3h

Legend

Proposed scheme (DMRB Stage 3)

SuDS

Boundaries of the Site

200m Study Area

UKHab Survey - Lines

h Heathland and shrub

r Rivers and lakes

u Urban

w Woodland and forest

UKHab Survey - Polygons

c1b - Temporary grass and clover lays

c1d8 - Non-cereal crops

g1 - Acid grassland

g1c - Bracken

g3c - Other neutral grassland

g3c8 - Holcus-Juncus neutral grassland

r2 - Rivers and lakes

s1d - Other inland rock and scree

u1b6 - Other developed land

w1f - Lowland mixed deciduous woodland

w1g - Other woodland, broadleaved

w1h - Other woodland, mixed

w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

Transport Scotland
COIMHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 8 of 9

Drawing Status	S4 – For Stage Approval
Scale	1:5,000 @ A3 DO NOT SCALE
Jacobs No.	B2140002
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003
Drawing number	Figure 12.3h
Rev	P03

© Crown copyright and database right 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Limitation: This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.



Figure 12.3i

Legend

Proposed scheme (DMRB Stage 3)

SuDS

Boundaries of the Site

200m Study Area

UKHab Survey - Lines

h Heathland and shrub

r Rivers and lakes

u Urban

w Woodland and forest

UKHab Survey - Polygons

g1 - Acid grassland

g1c - Bracken

g3c - Other neutral grassland

g3c8 - Holcus-Juncus neutral grassland

h3 - Dense scrub

r2 - Rivers and lakes

u1b6 - Other developed land

w1f - Lowland mixed deciduous woodland

w1g - Other woodland, broadleaved

w1h - Other woodland, mixed

w2c - Other coniferous woodland

P03	MAY 2025	For Stage Approval	LB	FT	GK	EM
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd

Jacobs

95 Bothwell Street, Glasgow G2 7HX, UK.
Tel: +44(0)141 243 8000
www.jacobs.com

Client

TRANSPORT SCOTLAND
CÒRRAIDHAIL ALBA

Project

A9 DUALLING
PASS OF BIRNAM TO TAY CROSSING

Drawing title

**Environmental Impact Assessment Report
UK Hab Survey Results**

Sheet 9 of 9

Drawing Status	S4 – For Stage Approval	
Scale	1:5,000 @ A3	DO NOT SCALE
Jacobs No.	B2140002	
BIM No.	A9P02-JAC-EBD-D_ZZZZZ_ZZ-FG-EN-0003	
Drawing number	Figure 12.3i	Rev P03

© Crown copyright 2025. You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence, visit <http://www.nationalarchives.gov.uk/doc/open-government-licence/> or e-mail psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned. This drawing has been prepared on behalf of, and for the exclusive use of Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this drawing by any third party.