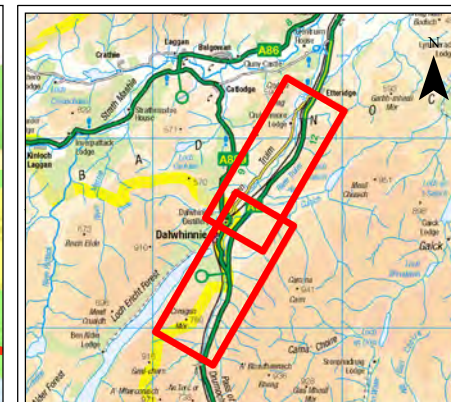
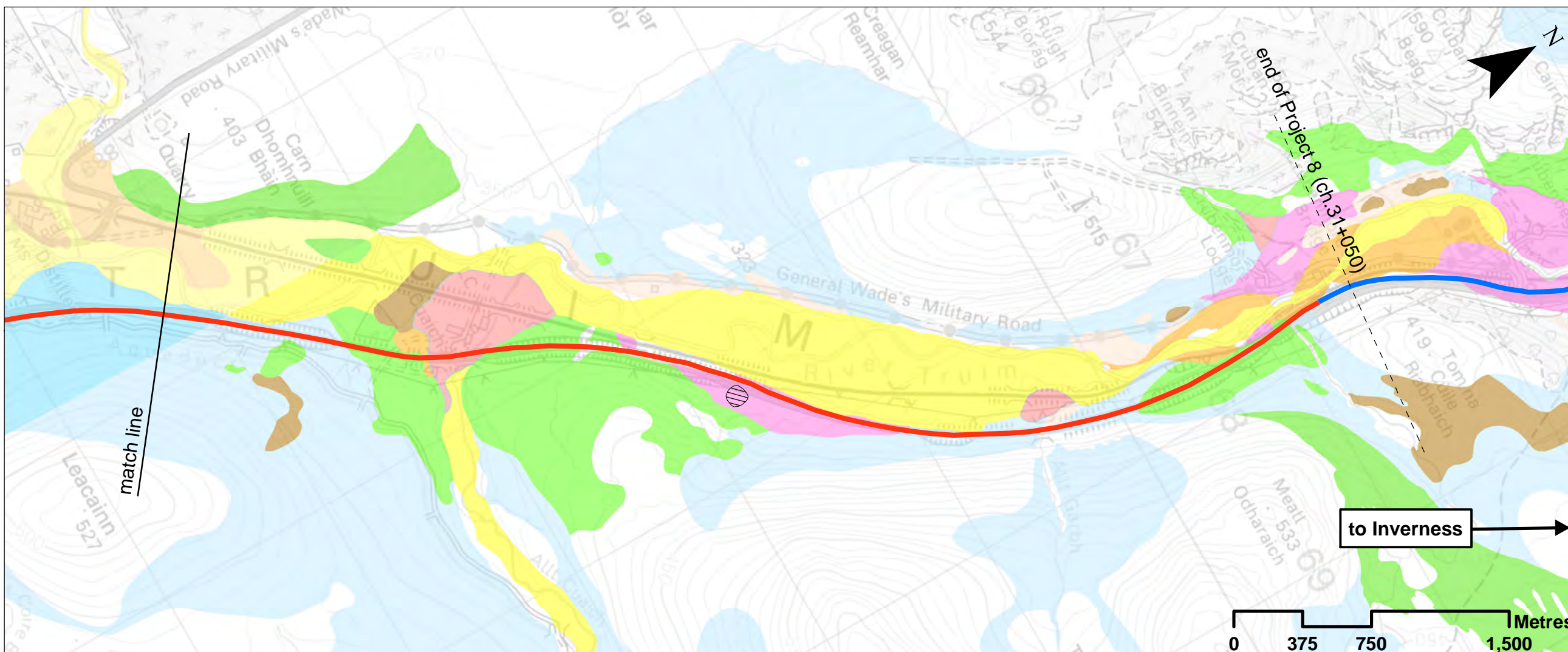
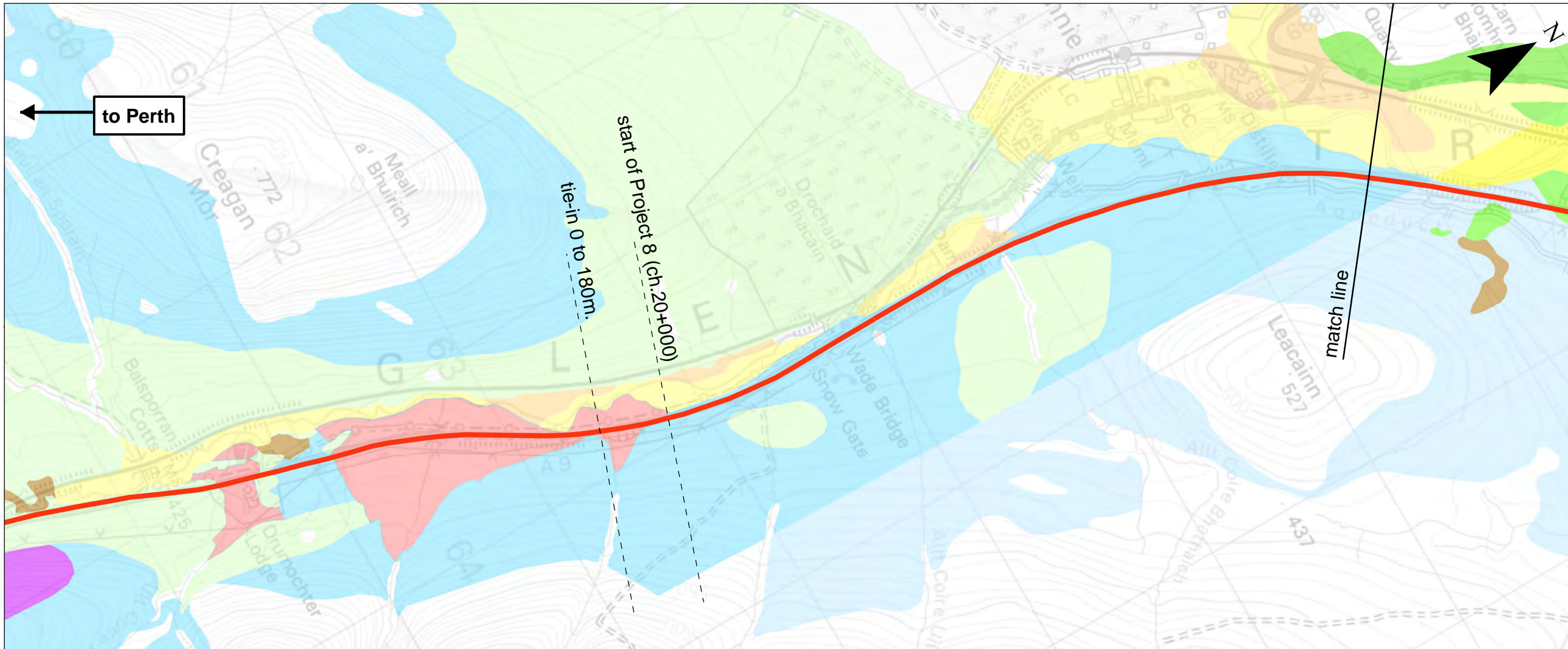


## Geology, Soils and Groundwater

Drawing No.	Drawing Type	Drawing Title	Projectwise Drawing Reference	Software
10.1	BASELINE PLAN	SUPERFICIAL GEOLOGY	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0001	GIS
10.2	BASELINE PLAN	SOLID GEOLOGY	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0002	GIS
10.3	BASELINE PLAN	DESIGNATED AND NON-DESIGNATED GEOLOGICAL / GEODIVERSITY FEATURES	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0003	GIS
10.4	BASELINE PLAN	NATIONAL SOIL MAP OF SCOTLAND (SOIL GROUPS)	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0004	GIS
10.5	BASELINE PLAN	NATIONAL SOIL MAP OF SCOTLAND (SOIL SUBGROUPS)	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0005	GIS
10.6	BASELINE PLAN	SNH CARBON AND PEATLAND MAP	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0006	GIS
10.7	BASELINE PLAN	SUPERFICIAL AQUIFER PRODUCTIVITY	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0007	GIS
10.8	BASELINE PLAN	BEDROCK AQUIFER PRODUCTIVITY	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0008	GIS
10.9	ASSESSMENT PLAN	GROUNDWATER VULNERABILITY	A9P08-CFJ-EGT-X_ZZZZZ_ZZ-DR-EN-0009	GIS
10.10	ASSESSMENT PLAN	DESIGNATED AND NON-DESIGNATED GEOLOGICAL / GEODIVERSITY FEATURES chainage 0 to 20,000	A9P08-CFJ-EGT-J_ML000_ZZ-DR-EN-0001	GIS
10.11	ASSESSMENT PLAN	DESIGNATED AND NON-DESIGNATED GEOLOGICAL /GEODIVERSITY FEATURES chainage 24400 to 27800	A9P08-CFJ-EGT-J_ML244_ZZ-DR-EN-0001	GIS
10.12	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 0 to 20,000	A9P08-CFJ-EGT-J_ML000_ZZ-DR-EN-0002	GIS
10.13	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 20,000 to 21,400	A9P08-CFJ-EGT-J_ML200_ZZ-DR-EN-0001	GIS
10.14	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 21,400 to 23,000	A9P08-CFJ-EGT-J_ML214_ZZ-DR-EN-0001	GIS
10.15	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 23,000 to 24,600	A9P08-CFJ-EGT-J_ML230_ZZ-DR-EN-0001	GIS
10.16	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 24,600 to 26,000	A9P08-CFJ-EGT-J_ML246_ZZ-DR-EN-0001	GIS
10.17	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 26,000 to 27,600	A9P08-CFJ-EGT-J_ML260_ZZ-DR-EN-0001	GIS
10.18	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 27,600 to 29,000	A9P08-CFJ-EGT-J_ML276_ZZ-DR-EN-0001	GIS
10.19	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 29,000 to. 30,400	A9P08-CFJ-EGT-J_ML290_ZZ-DR-EN-0001	GIS
10.20	ASSESSMENT PLAN	PEAT SURVEY RESULTS chainage 30000 to 31,050	A9P08-CFJ-EGT-J_ML296_ZZ-DR-EN-0001	GIS
10.21	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 0 to 20,000	A9P08-CFJ-EGT-J_ML000_ZZ-DR-EN-0003	GIS
10.22	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 20,000 to 21,400	A9P08-CFJ-EGT-J_ML200_ZZ-DR-EN-0002	GIS
10.23	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 21,400 to 23,000	A9P08-CFJ-EGT-J_ML214_ZZ-DR-EN-0002	GIS
10.24	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 23,000 to 24,600	A9P08-CFJ-EGT-J_ML230_ZZ-DR-EN-0002	GIS
10.25	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 24,600 to 26,000	A9P08-CFJ-EGT-J_ML246_ZZ-DR-EN-0002	GIS
10.26	ASSESSMENT PLAN	GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS chainage 26,000 to 27,600	A9P08-CFJ-EGT-J_ML260_ZZ-DR-EN-0002	GIS





**Legend**

- - - Proposed Scheme Extents
  - Existing Dualled
  - Existing Single
- Superficial Geology:**
- Alluvial Fan Deposits- Gravel, Sand, Silt and Clay
  - Alluvium- Clay, Silt, Sand and Gravel
  - Alluvium- Sand, Gravel and Boulders
  - Ardverikie Till Formation- Diamicton
  - Glaciofluvial Ice Contact Deposits- Gravel, Sand and Silt
  - Glaciofluvial Sheet Deposits- Sand, Gravel and Boulders
  - Head- Gravel, Sand, Silt and Clay
  - Hummocky (Moundy) Glacial Deposits- Diamicton, Gravel, Sand and Silt
  - Hummocky (Moundy) Glacial Deposits- Diamicton, Sand and Gravel
  - Hummocky (Moundy) Glacial Deposits- Gravel, Sand and Silt
  - Hummocky (Moundy) Glacial Deposits- Sand, Gravel and Boulders
  - Peat- Peat
  - River Terrace Deposits (Undifferentiated)- Gravel, Sand, Silt and Clay
  - River Terrace Deposits (Undifferentiated)- Sand and Gravel
  - Till, Devensian- Diamicton
  - Worked Ground (Undivided)- Void

SCALE 1:25000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	INTERNAL REVISIONS	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
BASELINE PLAN  
DRAWING 10.1  
SUPERFICIAL GEOLOGY**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 22/11/2017

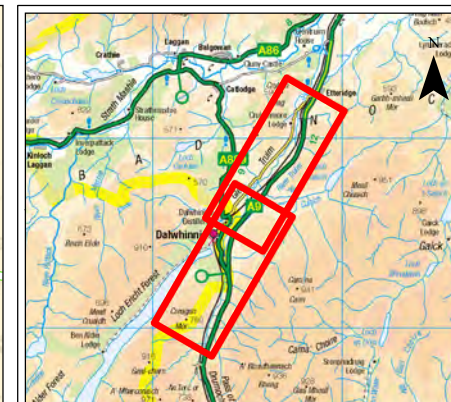
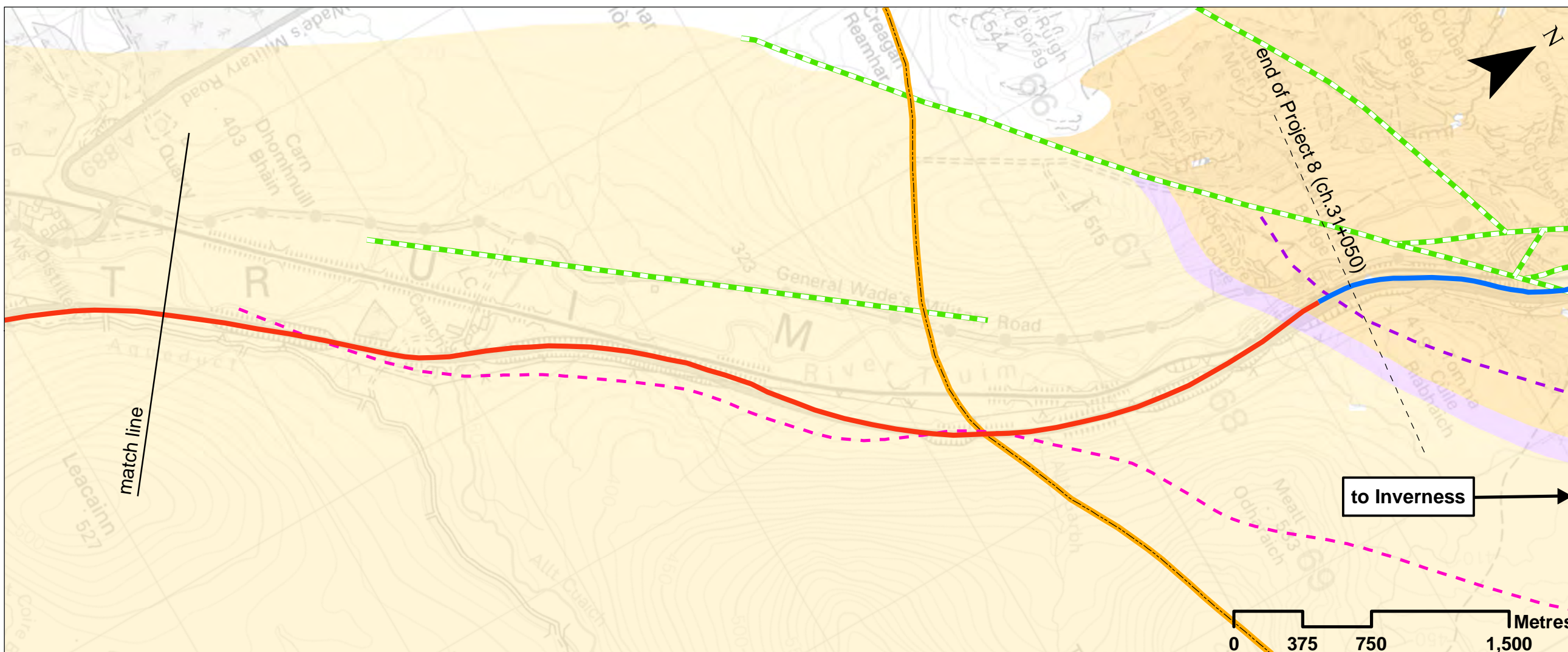
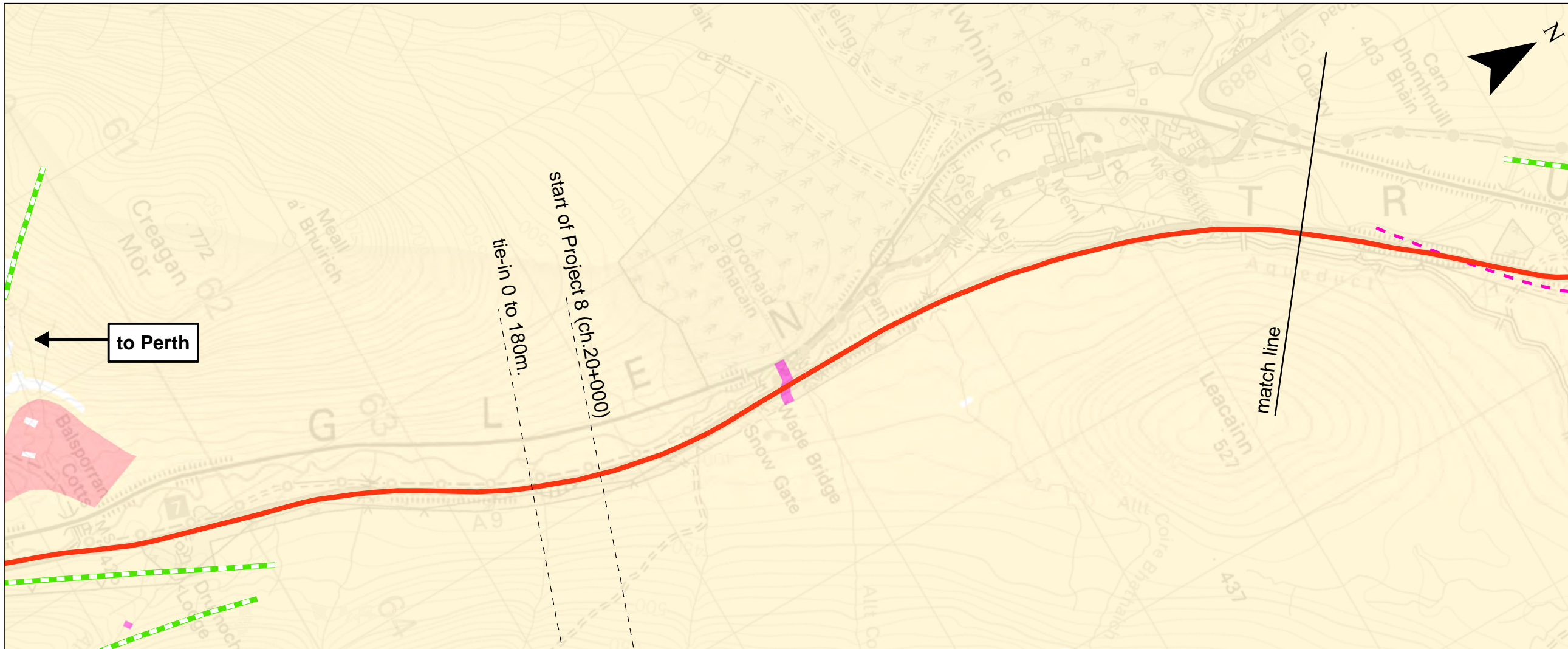
PROJ: 495298

DWG:A9P08-CFJ-EGT-X\_ZZZZZ\_ZZ-DR-EN-0001

SHEET: 1 OF 1	REVISION: C01	SUITABILITY: A3
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**Legend**

- - - Proposed Scheme Extents
- Existing Dualled
- Existing Single

**Bedrock:**

- Falls of Phones Semipelite Formation- Semipelite, Gneissose
- Gaick Psammie Formation- Psammite
- Grampian Group- Psammite, Quartzose
- Loch Laggan Psammite Formation- Psammite, Micaceous
- Scottish Highland Ordovician Minor Intrusion Suite- Pegmatite

**Linear Geology:**

- Fault, Inferred, Displacement Unknown
- Axial Plane Trace of Major Anticline
- Axial Plane Trace of Major Syncline
- Limit of Pegmatitic Rock Veins, Symbol Within Area of Veining

SCALE 1:25000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	INTERNAL REVISIONS	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 BASELINE PLAN  
 DRAWING 10.2  
 SOILD GEOLOGY**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 22/11/2017  
 PROJ: 495298

DWG: A9P08-CFJ-EGT-X\_ZZZZ\_ZZ-DR-EN-0002

SHEET: 1 OF 1	REVISION: C01	SUITABILITY: A3
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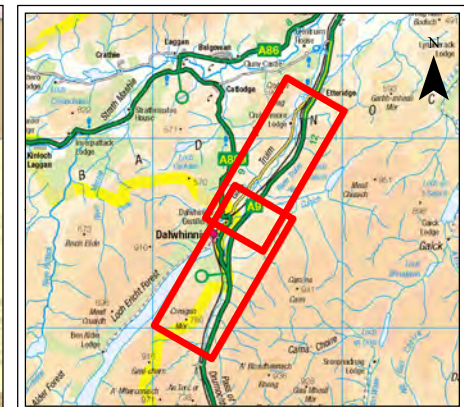
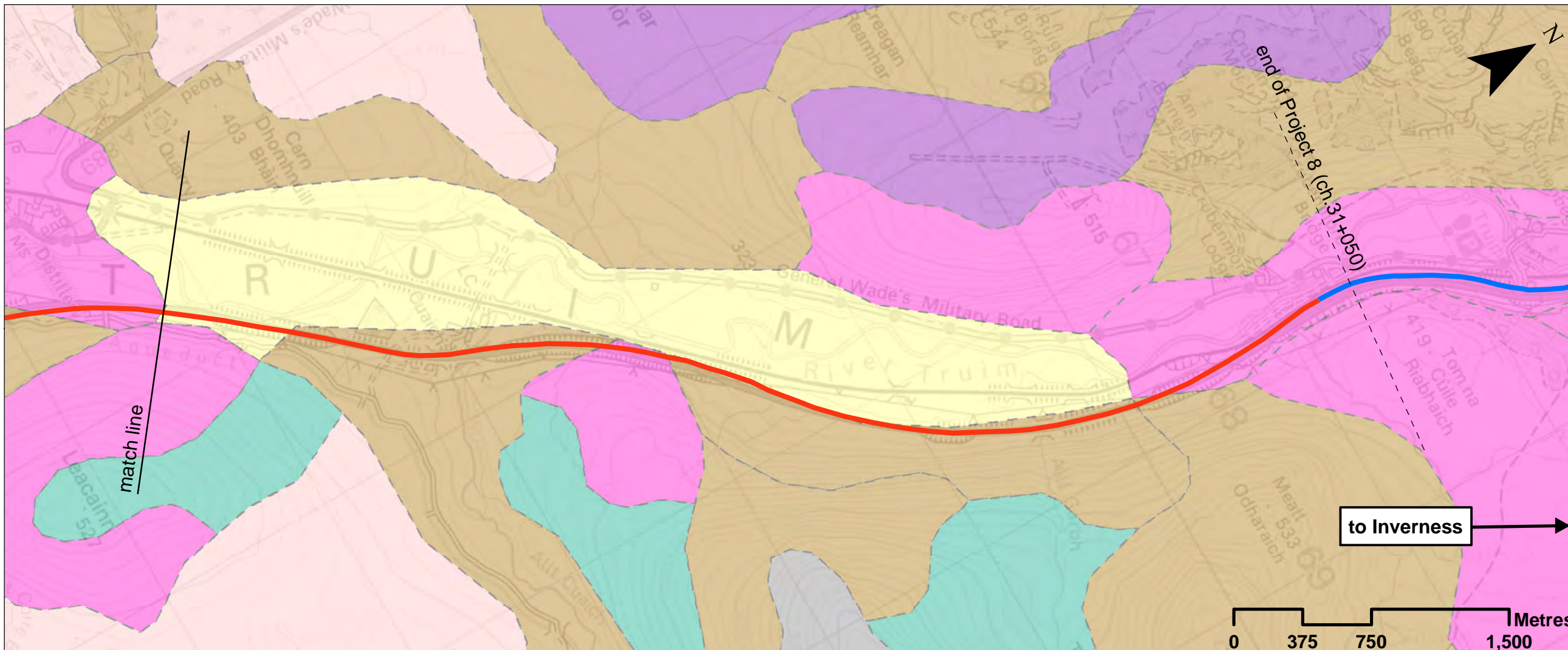
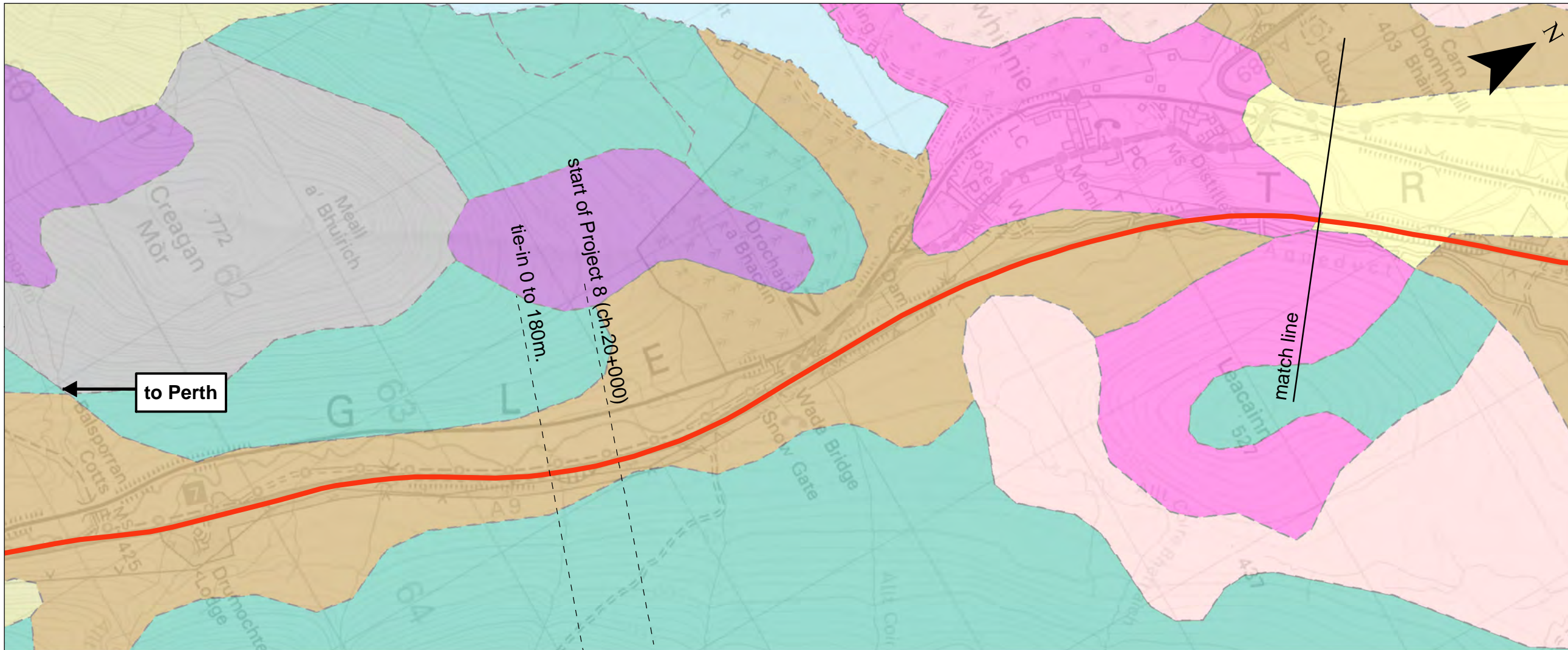












### Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

### Soil Subgroup:

- Lochs
- Alpine Podzols
- Dystrophic Basin Peat
- Dystrophic Blanket Peat
- Humus-Iron Podzols
- Mineral Alluvial Soils
- Peaty Gleyed Podzols
- Peaty Gleys
- Peaty Rankers
- Subalpine Podzols

SCALE 1:25000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	INTERNAL REVISIONS	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUI	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA**  
**BASELINE PLAN**  
**DRAWING 10.5**  
**NATIONAL SOIL MAP OF SCOTLAND**  
**(SOIL SUBGROUPS)**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 22/11/2017

PROJ: 495298

DWG: A9P08-CFJ-EGT-X\_ZZZZZ\_ZZ-DR-EN-0005

SHEET: 1 OF 1	REVISION: C01	SUITABILITY: A3
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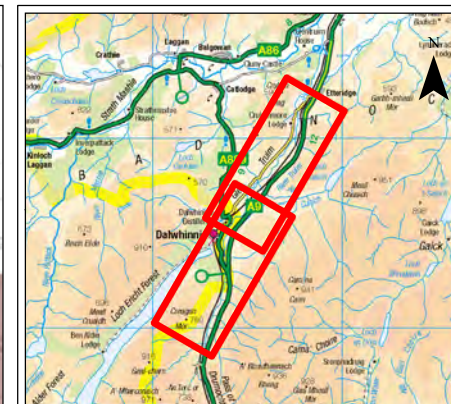
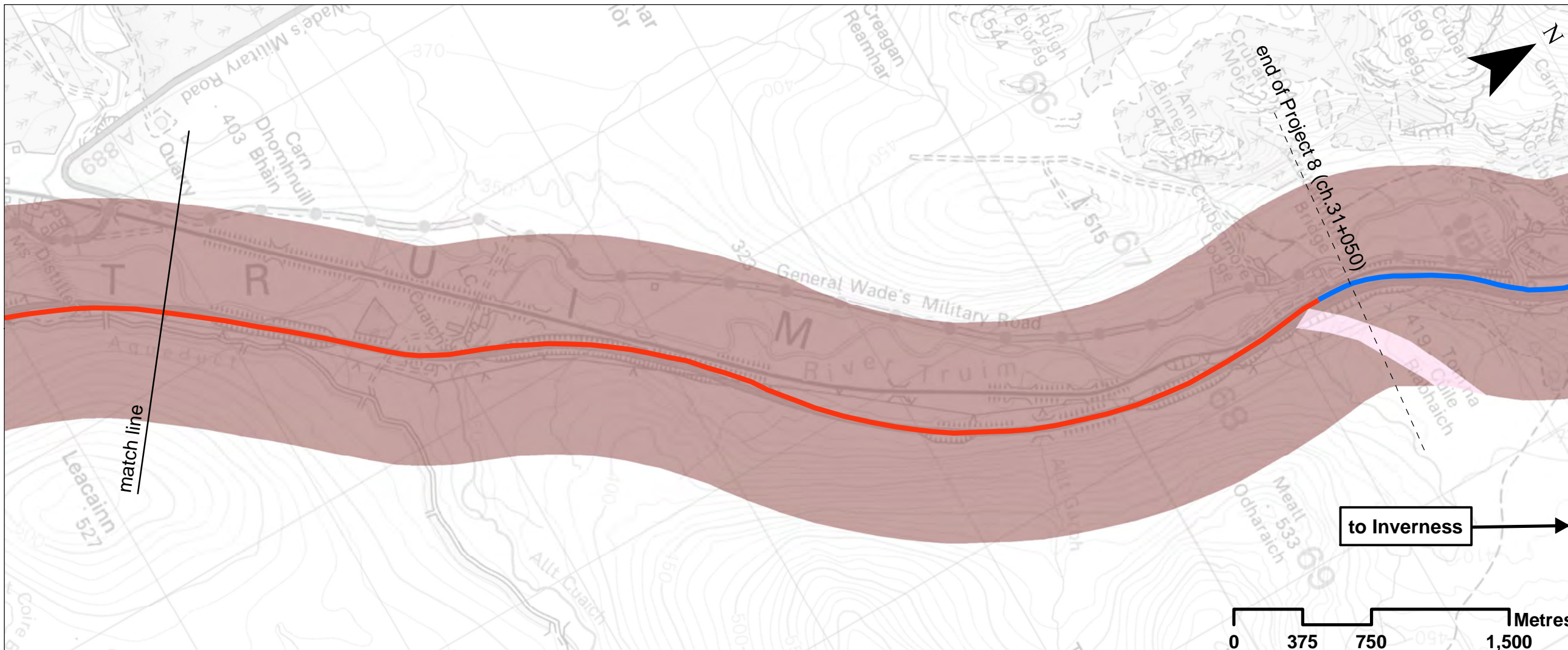
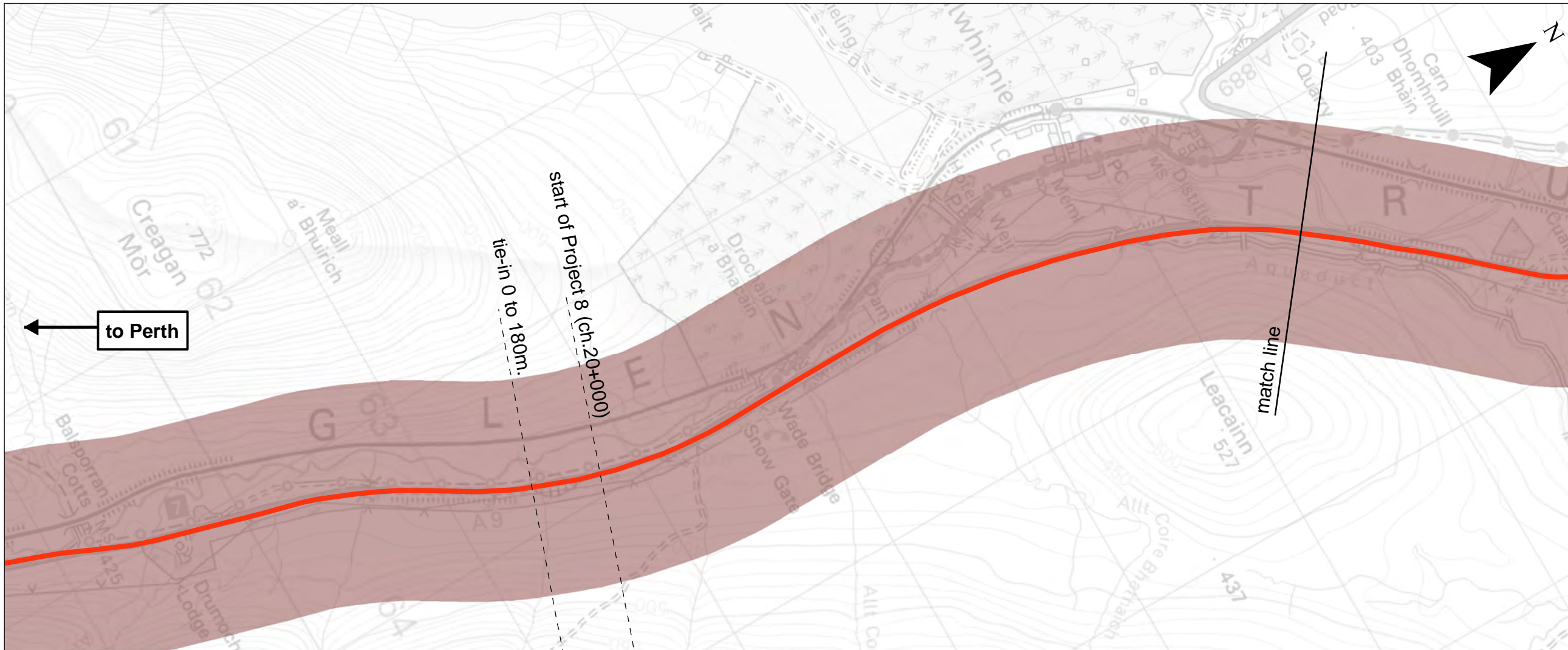












### Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

### Bedrock Aquifer Productivity:

- Fracture Flow; Very Low Productivity
- Fracture Flow; Low Productivity

SCALE 1:25000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	INTERNAL REVISIONS	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUI	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 BASELINE PLAN  
 DRAWING 10.8  
 BEDROCK AQUIFER PRODUCTIVITY**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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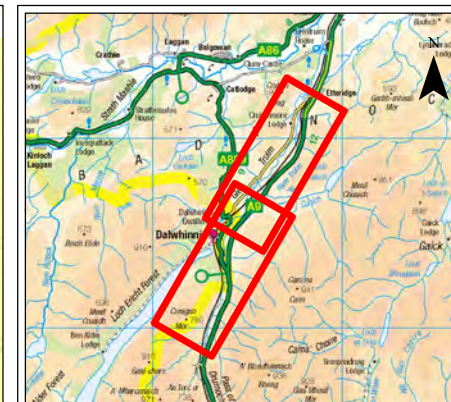
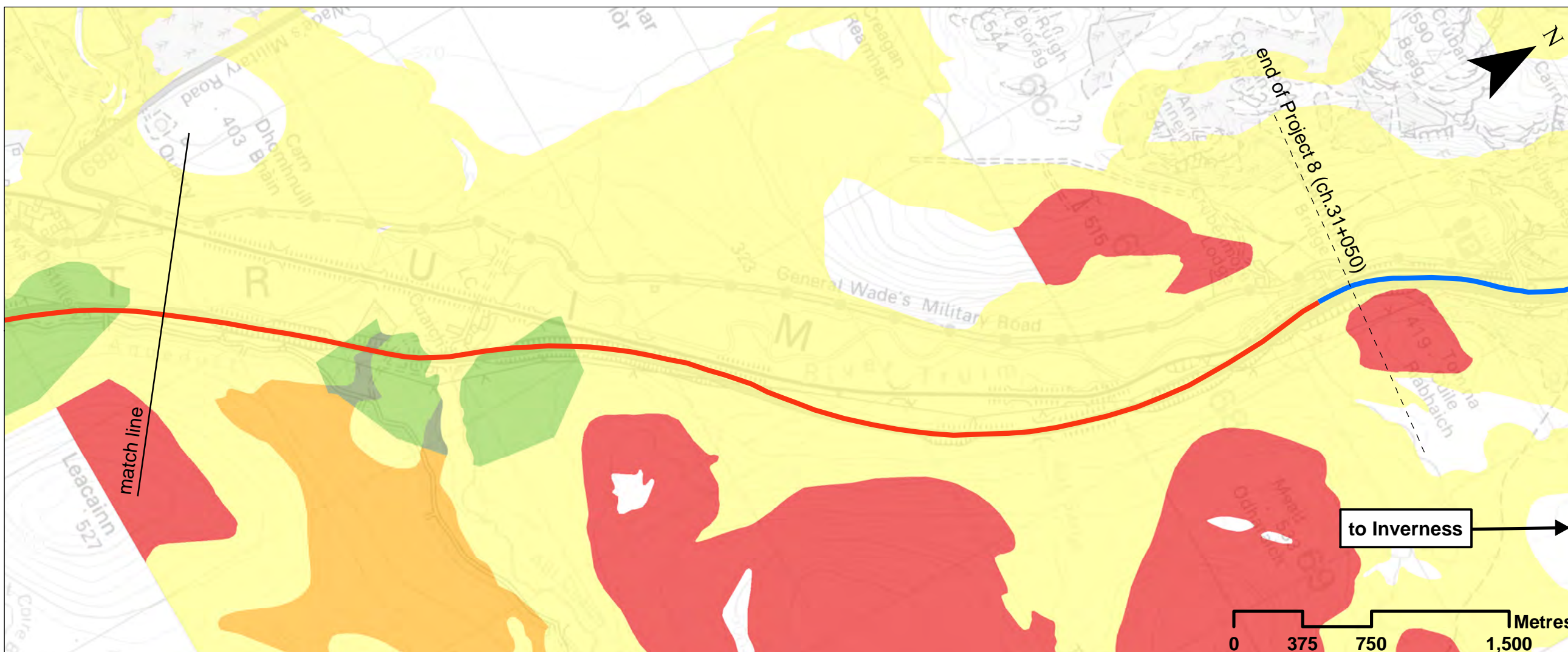
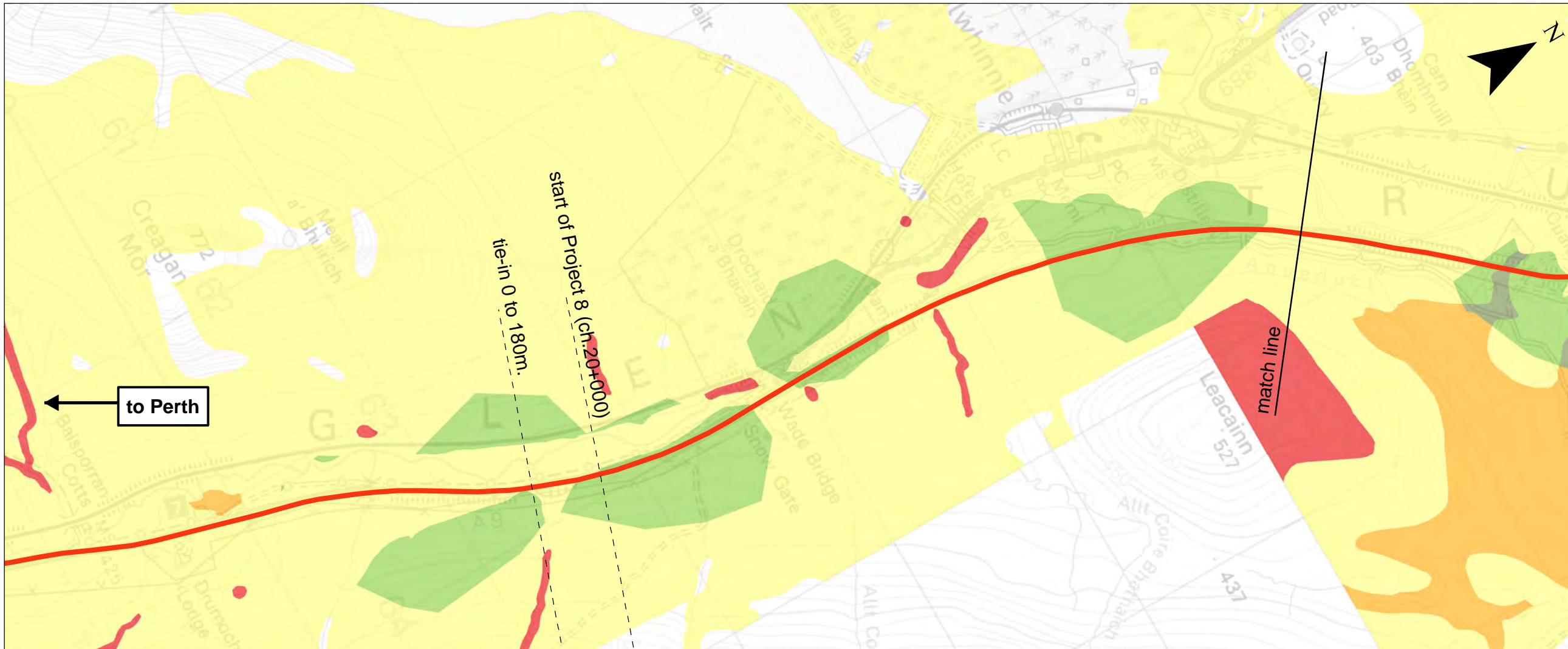
DATE: 22/11/2017

PROJ: 495298

DWG: A9P08-CFJ-EGT-X\_ZZZZZ\_ZZ-DR-EN-0008

SHEET: 1 OF 1	REVISION: C01	SUITABILITY: A3
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### Legend

- - - Proposed Scheme Extents
- Existing Dualled
- Existing Single

### Groundwater Vulnerability:

- 5 - Vulnerable to Most Pollutants, With Rapid Impact In Many Scenarios
- 4a - Vulnerable to Those Pollutants Not Readily absorbed or Transformed (May Have Low Permeability Soil: Less Likely to Have Clay Present in Superficial Deposits)
- 4b - Vulnerable to Those Pollutants Not Readily absorbed or Transformed (More Likely to Have Clay Present in Superficial Deposits)
- 3 - Vulnerable to Some Pollutants: Many Others Significantly Attenuated
- 2 - Vulnerable to some Pollutants: But Only When Continuously Discharged / Leached
- 1 - Only Vulnerable to Conservative Pollutants in the Long Term When Continuously and Widely Discharged / Leached
- Insufficient Data to Define Vulnerability

SCALE 1:25000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	INTERNAL REVISIONS	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 BASELINE PLAN  
 DRAWING 10.9  
 GROUNDWATER VULNERABILITY**

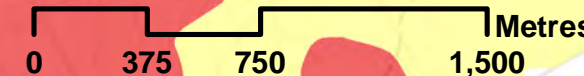
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DATE: 22/11/2017

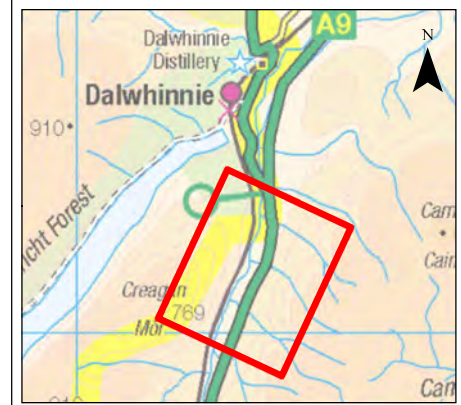
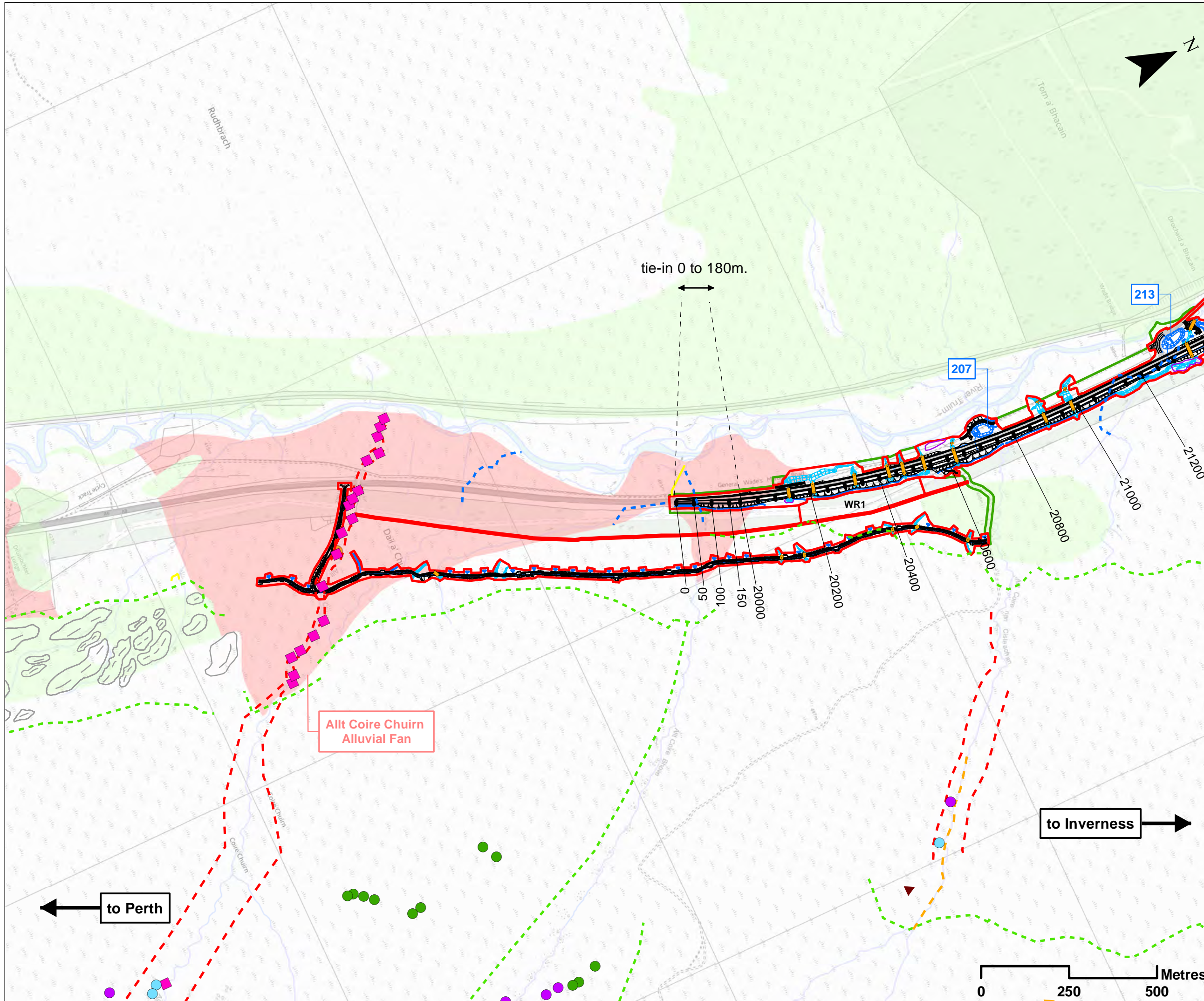
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DWG: A9P08-CFJ-EGT-X\_ZZZZZ\_ZZ-DR-EN-0009

SHEET: 1 OF 1	REVISION: C01	SUITABILITY: A3
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- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - Proposed Culverts
  - 200 SuDS ID
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
- Superficial Geology and Geodiversity Features:**
- Alluvial Fan Deposits
  - Hummocky (Moundy) Glacial Deposits
  - Drumochter Hummocky Moraines (Moraine Ridges and Mounds) (Lukas, 2004)
- Geomorphology:**
- ▲ Peat
  - ▲ Bog burst
  - ▲ Peat slide
  - Coupled debris flow
  - Debris flow
  - Hill slope failure
  - Valley side erosion
  - Unvegetated bar (partial exposures)
  - Break in slope
  - Terrace
  - Contemporary channel
  - Original channel
  - Incision
  - Potential valley side erosion
  - Valley side erosion

**SCALE 1:10000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUI	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.10  
 DESIGNATED AND NON-DESIGNATED GEOLOGICAL /  
 GEODIVERSITY FEATURES  
 chainage 0 to 20000**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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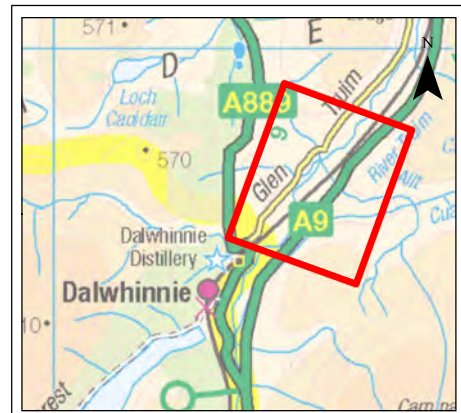
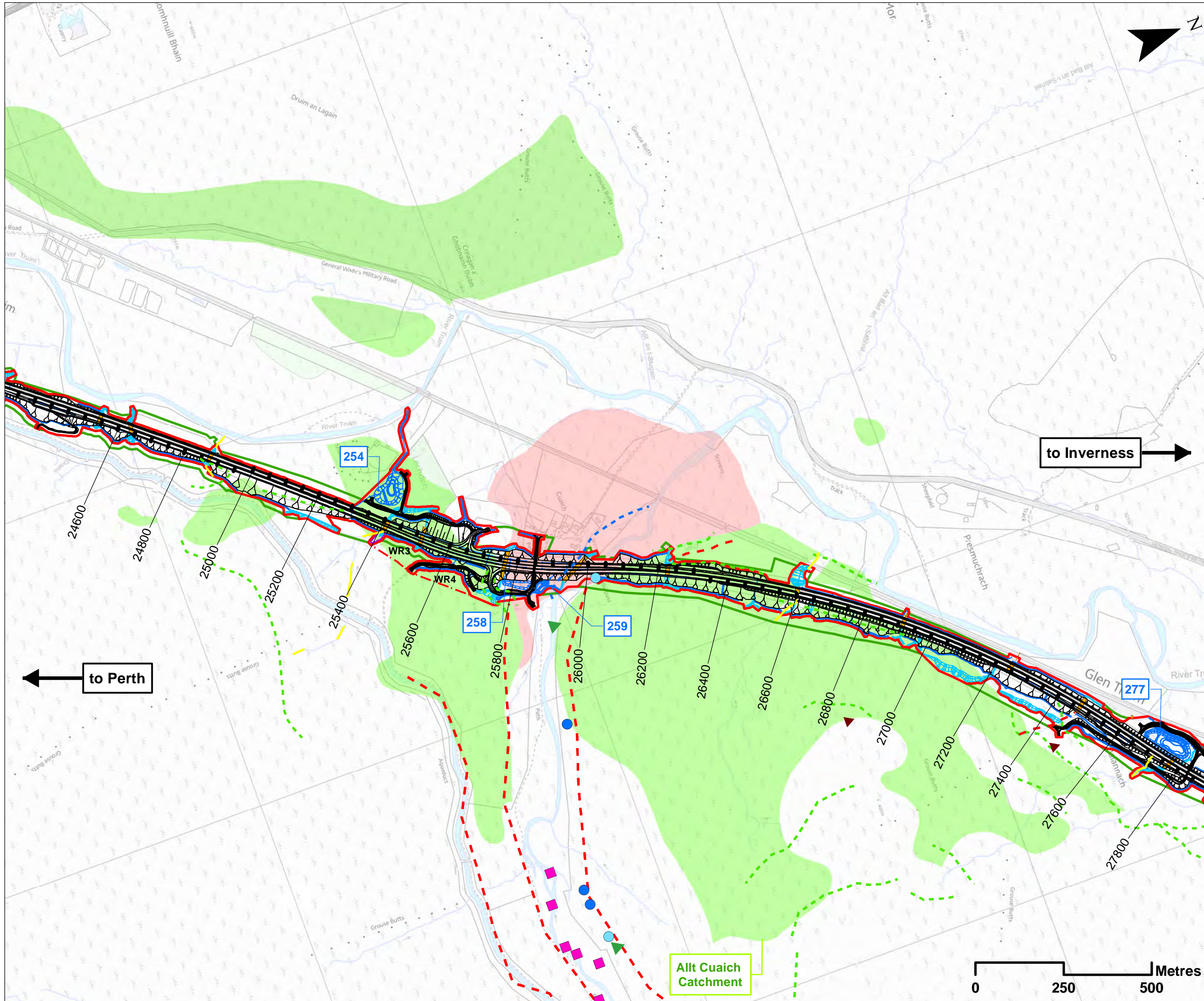
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DWG: A9P08-CFJ-EGT-J\_ML000\_ZZ-DR-EN-0001

SHEET: 1 OF 2	REVISION: C01	SUITABILITY: A3
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- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - Proposed Culverts
  - 200 SuDS ID
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
- Superficial Geology and Geodiversity Features:**
- Alluvial Fan Deposits- Gravel, Sand, Silt and Clay
  - Hummocky (Moundy) Glacial Deposits- Gravel, Sand and Silt
  - Hummocky (Moundy) Glacial Deposits- Sand, Gravel and Boulders
- Geomorphology:**
- ▲ River cliff section (Merrit, 2004)
  - ▲ Peat
  - Hill slope failure
  - Valley side erosion
  - Unvegetated bar (partial exposures)
  - - - Break in slope
  - - - Terrace
  - - - Original channel
  - - - Incision

**SCALE 1:10000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	HA	JF

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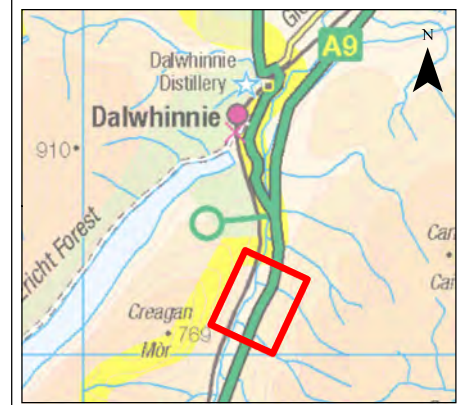
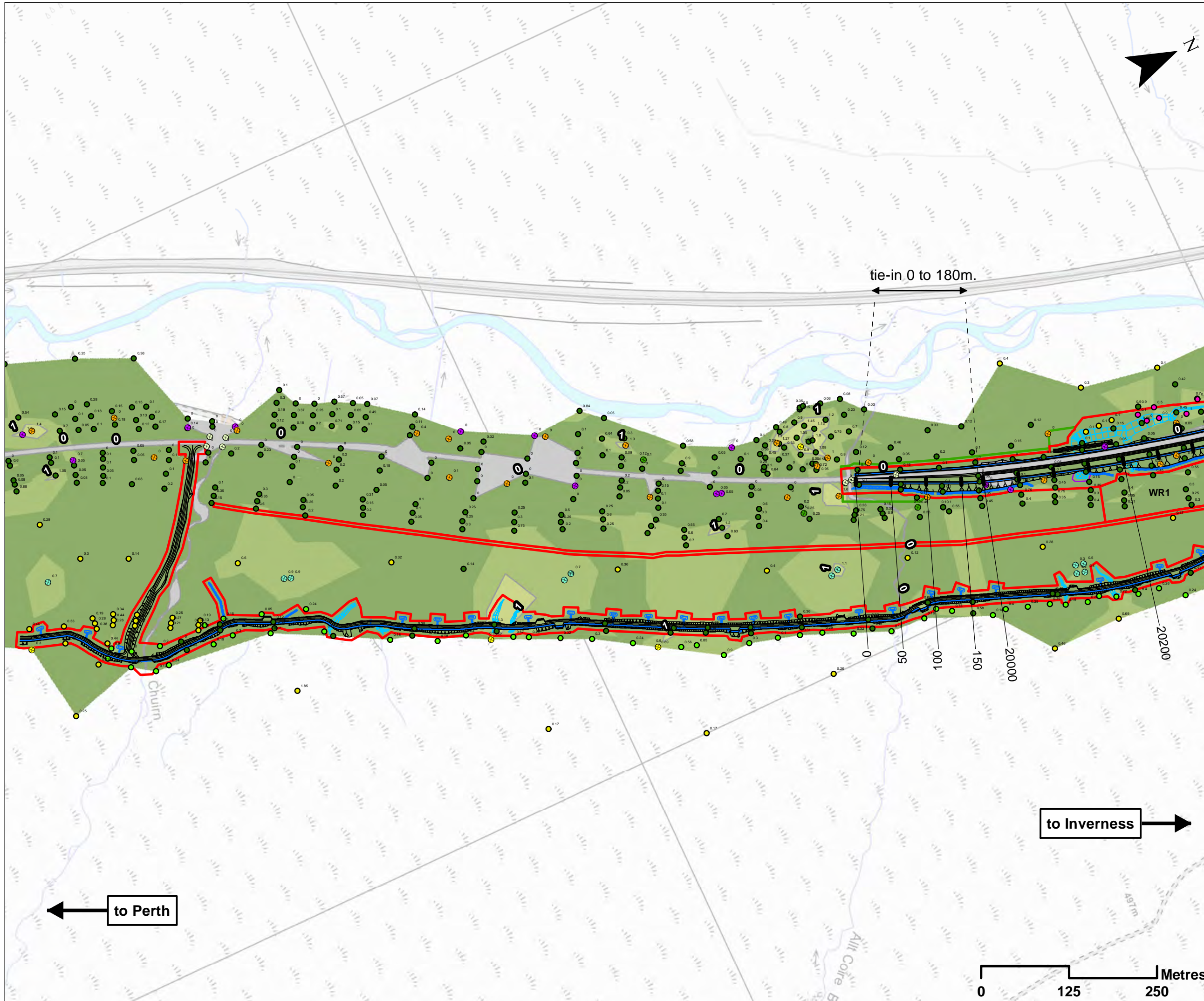
**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA ASSESSMENT PLAN**  
**DRAWING 10.11**  
**DESIGNATED AND NON-DESIGNATED GEOLOGICAL / GEODIVERSITY FEATURES**  
 chainage 24400 to 27800

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 28/11/2017  
 PROJ: 495298

DWG: A9P08-CFJ-EGT-J_ML244_ZZ-DR-EN-0001		
SHEET: 2 OF 2	REVISION: C01	SUITABILITY: A3





**Legend**

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- Compensatory Storage
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- WR1 - Winter Resilience Tree Belt (Indicative)

**Ground Investigation and Peat Probing Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- CFJV Supplementary DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Probe (2017)
- CFJV Ecology Peat Survey (2014)

**Ground Investigation and Peat Coring Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Core (2017)
- Preliminary Ground Investigation (2017)
- Advanced Ground Investigation (2015)
- Beaully Denny 400KV OHL Ground Investigation (2011 - 2013)
- BGS Borehole Location

**Peat Model: Depth Contours (m bgl)**

- No Peat
- 0.0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- Peat Contour Lines (1m bgl)
- ① Contour Labels (m bgl)

SCALE 1:5000

REV	SUJ	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF



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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA**  
**ASSESSMENT PLAN**  
**DRAWING 10.12**  
**PEAT SURVEY RESULTS**  
**chainage 0 to 20000**

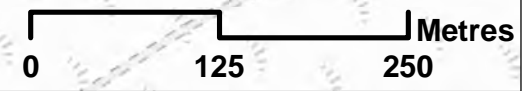
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DATE: 11/12/2017

PROJ: 495298

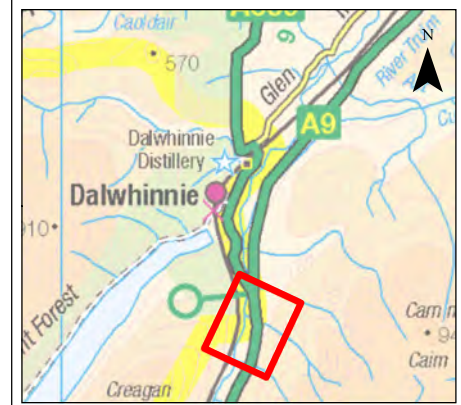
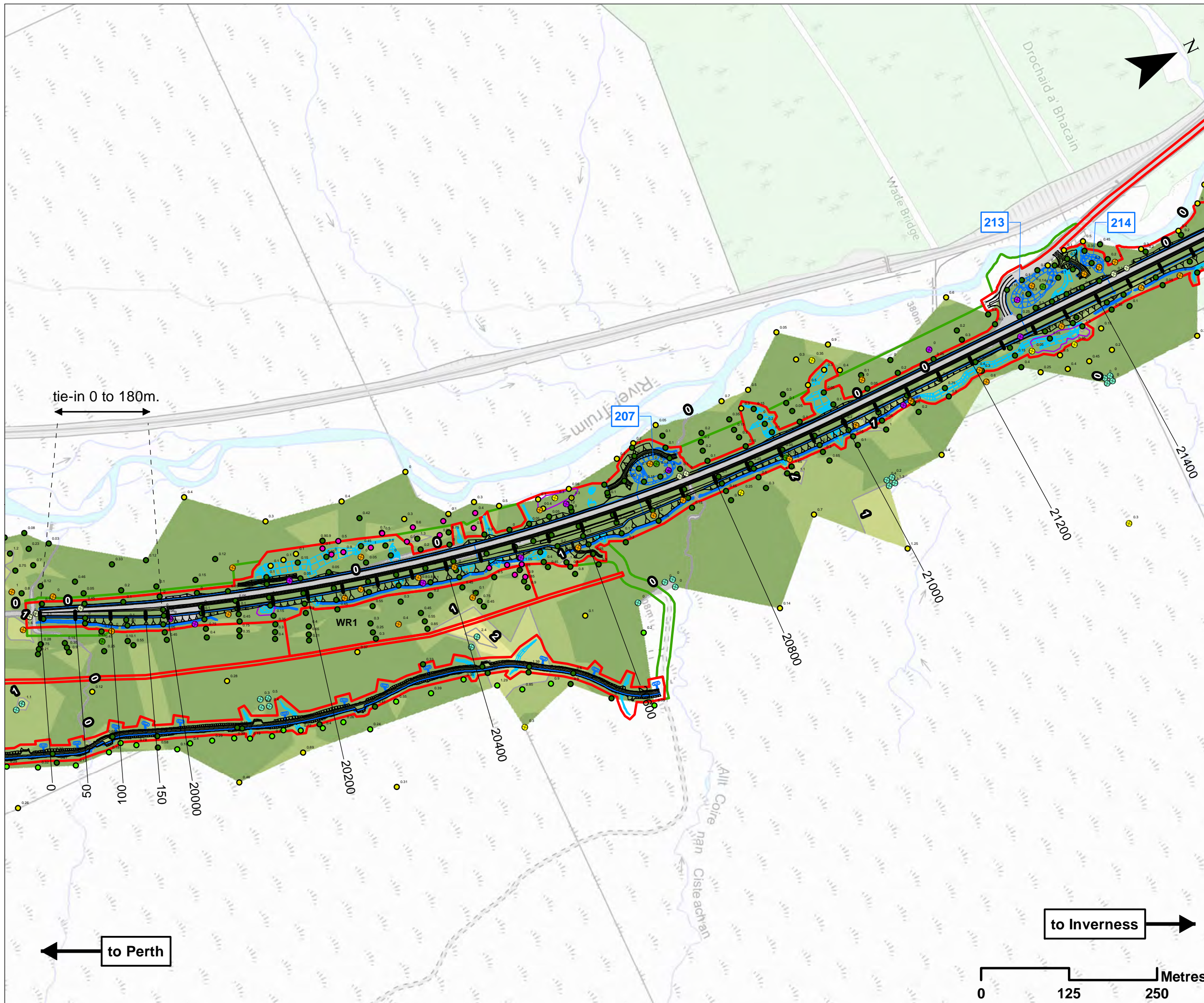
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SHEET: 1 OF 9	REVISION: C01	SUITABILITY: A3
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- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
- Ground Investigation and Peat Probing Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - CFJV Supplementary DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Probe (2017)
  - CFJV Ecology Peat Survey (2014)
- Ground Investigation and Peat Coring Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Core (2017)
  - Preliminary Ground Investigation (2017)
  - Advanced Ground Investigation (2015)
  - Beaully Denny 400KV OHL Ground Investigation (2011 - 2013)
  - BGS Borehole Location
- Peat Model:**
- Depth Contours (m bgl)**
- No Peat
  - 0.0 - 0.5
  - 0.5 - 1
  - 1 - 1.5
  - 1.5 - 2
  - 2 - 2.5
- Peat Contour Lines (1m bgl)
- 1 Contour Labels (m bgl)

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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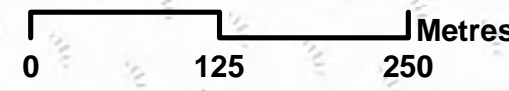
**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.13  
 PEAT SURVEY RESULTS  
 chainage 0 to 21400**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 11/12/2017  
 PROJ: 495298

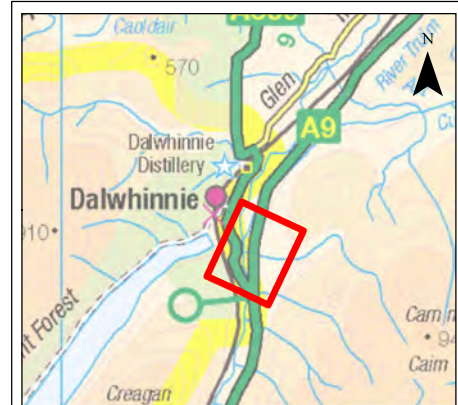
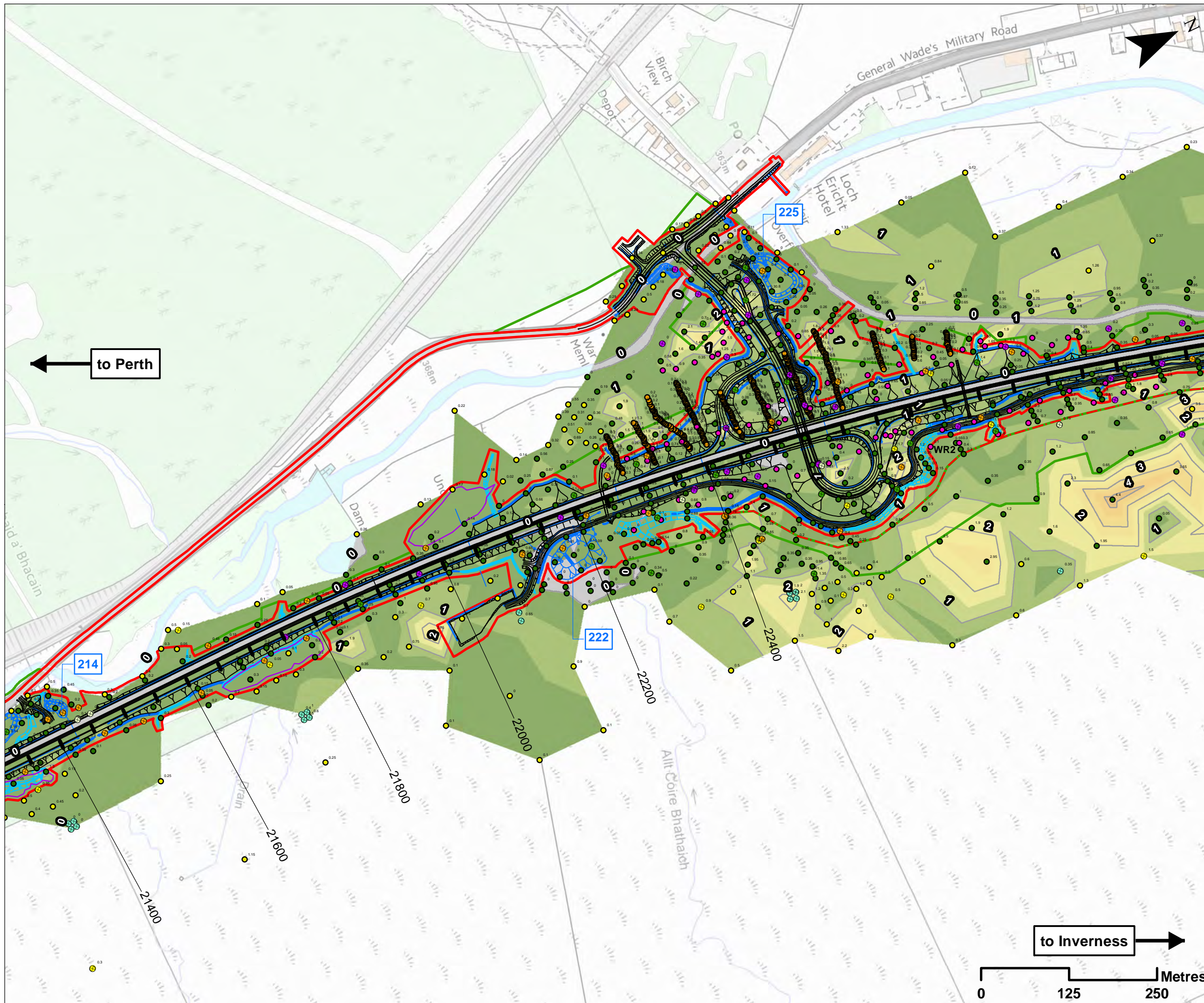
DWG: A9P08-CFJ-EGT-J\_ML200\_ZZ-DR-EN-0001

SHEET: 2 OF 9	REVISION: C01	SUITABILITY: A3
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**Legend**

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- 200 SuDS ID
- Compensatory Storage Areas
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- WR1 - Winter Resilience Tree Belt (Indicative)

**Ground Investigation and Peat Probing Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Probe (2017)
- Advanced Ground Investigation Peat Probe (2015)
- CFJV Ecology Peat Survey (2014)

**Ground Investigation and Peat Coring Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Core (2017)
- Preliminary Ground Investigation (2017)
- Advanced Ground Investigation (2015)
- Beaulieu Denny 400KV OHL Ground Investigation (2011 - 2013)
- BGS Borehole Location

**Peat Model:**

**Depth Contours (m bgl)**

- No Peat
- 0.0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- 3 - 3.5
- 3.5 - 4
- 4 - 4.5

- Peat Contour Lines (1m bgl)
- 1 Contour Labels (m bgl)

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP



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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.14  
 PEAT SURVEY RESULTS  
 chainage 21400 to 23000**

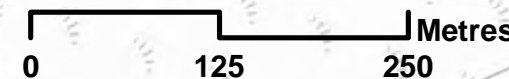
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DATE: 11/12/2017

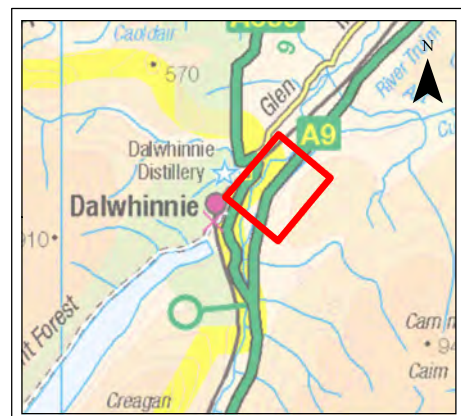
PROJ: 495298

DWG: A9P08-CFJ-EGT-J\_ML214\_ZZ-DR-EN-0001

SHEET: 3 OF 9	REVISION: C01	SUITABILITY: A3
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**Legend**

- Proposed Scheme Detail
- Aqueduct Diversion
- Watercourse Diversions
- Drainage
- 200 SuDS ID
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- Winter Resilience Tree Belt (Indicative)

**Ground Investigation and Peat Probing Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Probe (2017)
- CFJV Ecology Peat Survey (2014)

**Ground Investigation and Peat Coring Locations:**

- CFJV DMRB Stage 3 Peat Survey (2016)
- Preliminary Ground Investigation Peat Core (2017)
- Preliminary Ground Investigation (2017)
- Advanced Ground Investigation (2015)
- Beauly Denny 400KV OHL Ground Investigation (2011 - 2013)
- BGS Borehole Location

**Peat Model:**

**Depth Contours (m bgl)**

- No Peat
- 0.0 - 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- 3 - 3.5
- 3.5 - 4
- 4 - 4.5
- 4.5 - 5

- Peat Contour Lines (1m bgl)
- Contour Labels (m bgl)

**SCALE 1:5000**

REV	SUJ	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.15  
 PEAT SURVEY RESULTS  
 chainage 23000 to 24600**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
DATE: 11/12/2017			
PROJ: 495298			
DWG: A9P08-CFJ-EGT-J_ML230_ZZ-DR-EN-0001			
SHEET: 4 OF 9	REVISION: C01	SUITABILITY: A3	









- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - ▭ Assessment Boundary - Permanent Works
  - ▭ Assessment Boundary - Temporary Works
- Ground Investigation and Peat Probing Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Probe (2017)
  - CFJV Ecology Peat Survey (2014)
- Ground Investigation and Peat Coring Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Core (2017)
  - Preliminary Ground Investigation (2017)
  - Advanced Ground Investigation (2015)
  - BGS Borehole Location
- Peat Model: Depth Model: (m bgl)**
- ▭ No Peat
  - ▭ 0.0 - 0.5
  - ▭ 0.5 - 1
  - ▭ 1 - 1.5
  - ▭ 1.5 - 2
  - Peat Contour Lines (1m bgl)
- ① Contour Labels (m bgl)

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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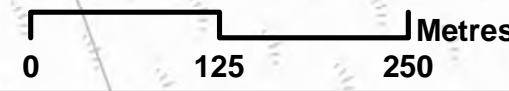


**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.17  
 PEAT SURVEY RESULTS  
 chainage 26000 to 27600**

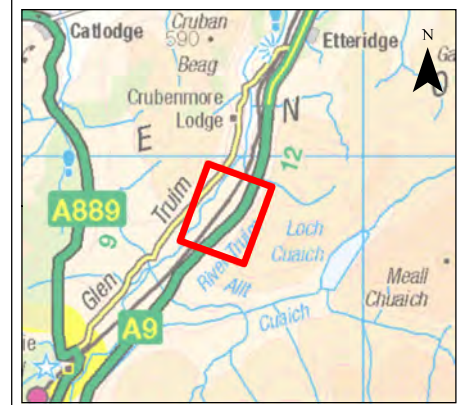
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DATE: 11/12/2017  
 PROJ: 495298

DWG: A9P08-CFJ-EGT-J_ML260_ZZ-DR-EN-0001		
SHEET: 6 OF 9	REVISION: C01	SUITABILITY: A3







- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
- Ground Investigation and Peat Probing Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Probe (2017)
  - CFJV Ecology Peat Survey (2014)
- Ground Investigation and Peat Coring Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Core (2017)
  - Preliminary Ground Investigation (2017)
  - Advanced Ground Investigation (2015)
  - BGS Borehole Location
- Peat Model:**
- Depth Contours (m bgl)**
- No Peat
  - 0.0 - 0.5
  - 0.5 - 1
  - 1 - 1.5
  - 1.5 - 2
- Peat Contour Lines (1m bgl)
- 1 Contour Labels (m bgl)

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUI	DATE	DESCRIPTION	BY	APP

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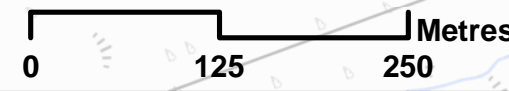


**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.18  
 PEAT SURVEY RESULTS  
 chainage 27600 to 29000**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 11/12/2017  
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DWG: A9P08-CFJ-EGT-J_ML276_ZZ-DR-EN-0001		
SHEET: 7 OF 9	REVISION: C01	SUITABILITY: A3

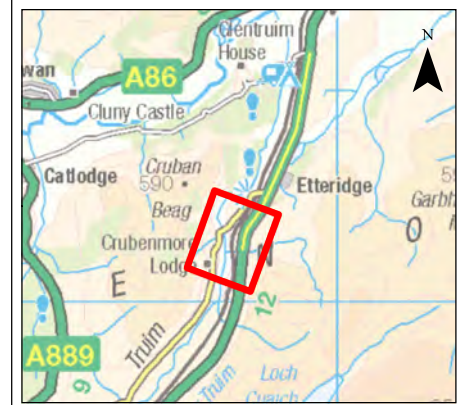


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- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works

- Ground Investigation and Peat Probing Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - CFJV Supplementary DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Probe (2017)
  - CFJV Ecology Peat Survey (2014)
- Ground Investigation and Peat Coring Locations:**
- CFJV DMRB Stage 3 Peat Survey (2016)
  - CFJV Supplementary DMRB Stage 3 Peat Survey (2016)
  - Preliminary Ground Investigation Peat Core (2017)
  - Preliminary Ground Investigation (2017)
  - Advanced Ground Investigation (2015)
  - BGS Borehole Location

- Peat Model:**
- Depth Contours (m bgl)**
- No Peat
  - 0.0 - 0.5
  - 0.5 - 1
  - 1 - 1.5
  - 1.5 - 2
  - 2 - 2.5
  - 2.5 - 3
- Peat Contour Lines (1m bgl)
- 1 Contour Labels (m bgl)

SCALE 1:5000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

**ch2m: FAIRHURST**

CH2MHILL Fairhurst JV  
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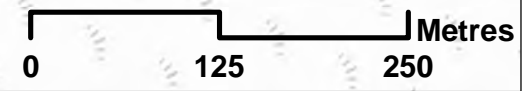


**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA  
 ASSESSMENT PLAN  
 DRAWING 10.20  
 PEAT SURVEY RESULTS  
 chainage 30000 to 31050**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 11/12/2017  
 PROJ: 495298

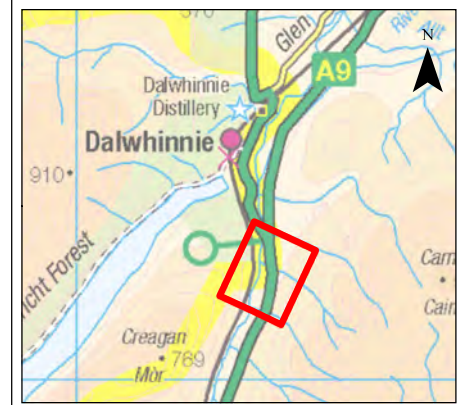
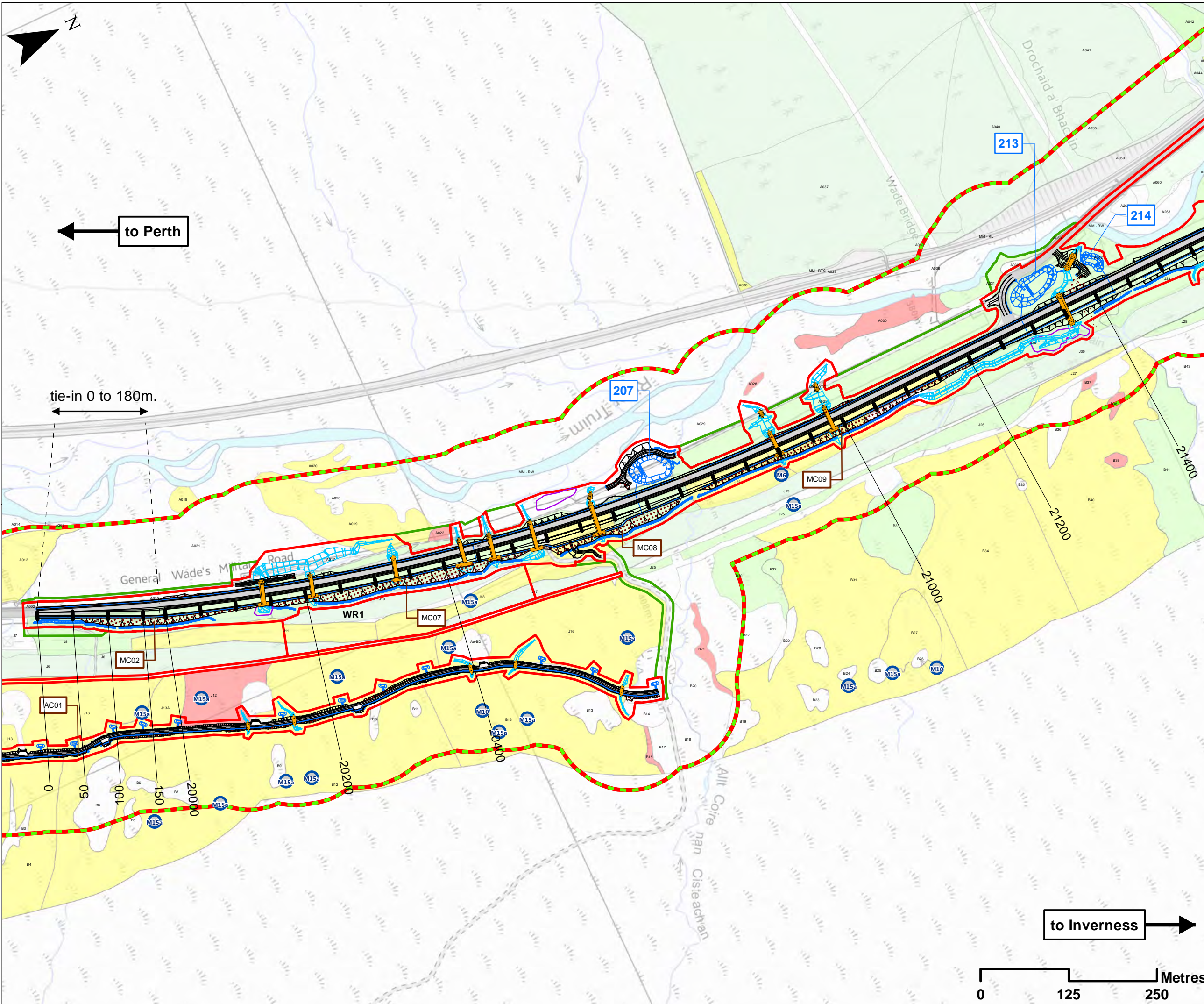
DWG: A9P08-CFJ-EGT-J_ML296_ZZ-DR-EN-0001		
SHEET: 9 OF 9	REVISION: C01	SUITABILITY: A3











- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Proposed Culverts
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
  - Earthwork Cuttings and Widening
  - C01 Earthwork Cutting ID
- Potential GWDE and Polygon IDs:**
- Highly Groundwater Dependent
  - Moderately Groundwater Dependent
  - Partially Groundwater Dependent
  - Not Groundwater Dependent
  - Target Note Locations and IDs
  - Minimum Potential GWDE Study Area

**Notes:**  
 Only excavations anticipated to be equal to or greater than 1.00m are specifically labelled

Potential GWDE ratings shown are based solely on SEPA guidance (2014). The likely dependency of each area is considered and assessed in Appendix 10.2 (Volume 2) of the Environmental Statement. Reference should therefore be made to this as necessary.

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA**  
**ASSESSMENT PLAN**  
**DRAWING 10.22**  
**GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GWDE**  
**chainage 20000 to 21400**

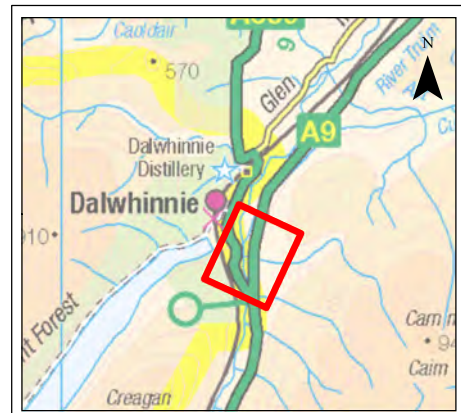
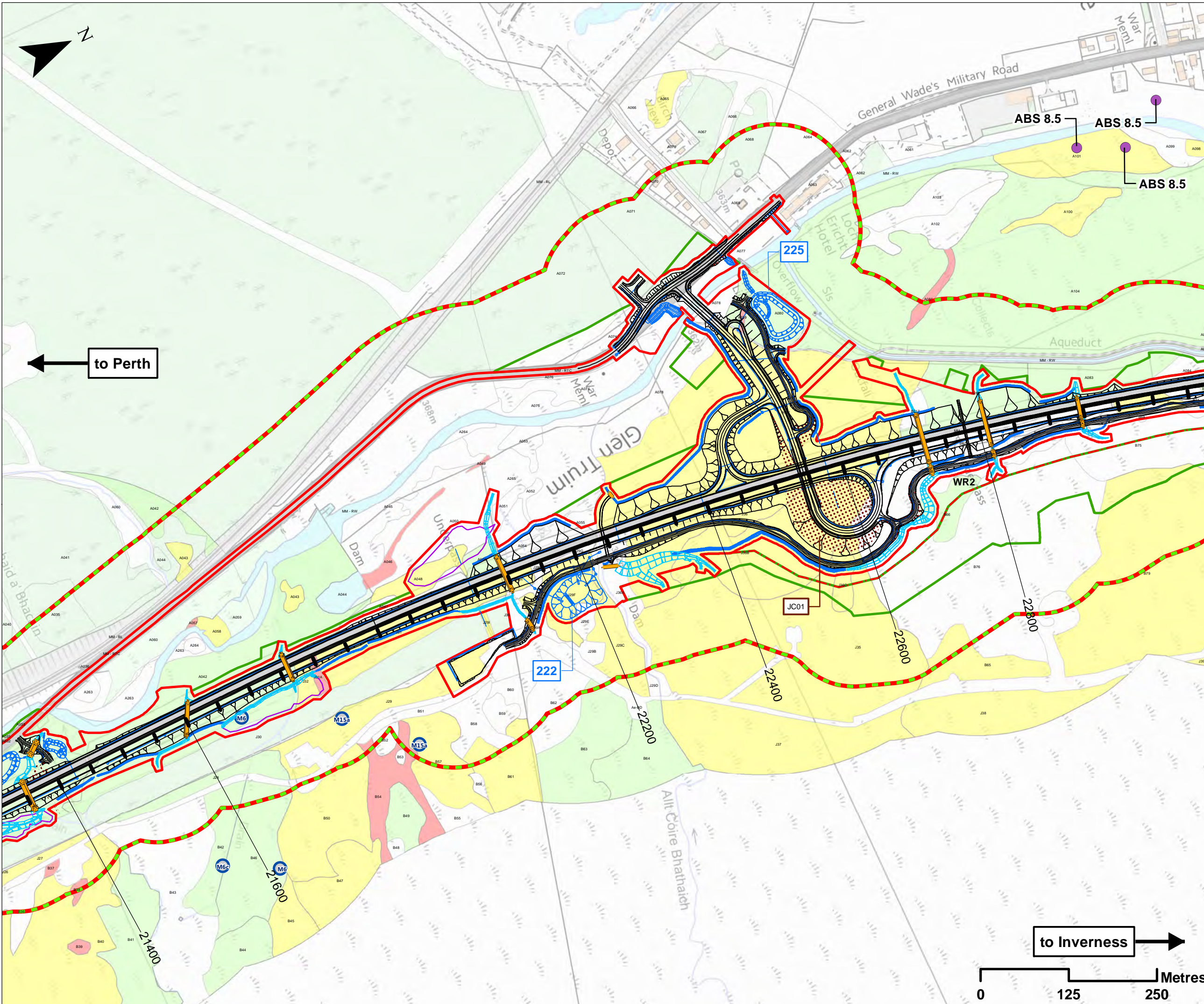
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DATE: 24/11/2017  
 PROJ: 495298  
 DWG: A9P08-CFJ-EGT-J\_ML200\_ZZ-DR-EN-0002

SHEET: 2 OF 9	REVISION: C01	SUITABILITY: A3
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- Legend**
- Proposed Scheme Detail
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Proposed Culverts
  - Compensatory Storage Areas
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
  - Earthwork Cuttings and Widening
  - C01 Earthwork Cutting ID
  - CAR License (Abstraction (Groundwater))
  - ABS 8.0 Abstraction/ Private Water Supply ID
  - Potential GWDTE and Polygon IDs:
    - Highly Groundwater Dependent
    - Moderately Groundwater Dependent
    - Partially Groundwater Dependent
    - Not Groundwater Dependent
    - Target Note Locations and IDs
    - Minimum Potential GWDTE Study Area

**Notes:**  
 Only excavations anticipated to be equal to or greater than 1.00m are specifically labelled.  
 Potential GWDTE ratings shown are based solely on SEPA guidance (2014). The likely dependency of each area is considered and assessed in Appendix 10.2 (Volume 2) of the Environmental Statement. Reference should therefore be made to this as necessary.

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

**ch2m: FAIRHURST**  
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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA ASSESSMENT PLAN**  
**DRAWING 10.23**  
**GROUNDWATER ABSTRUCTIONS, PRIVATE WATER SUPPLIES AND GWDTE**  
 chainage 21400 to 23000

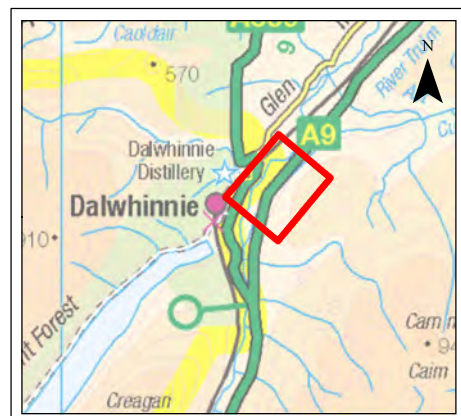
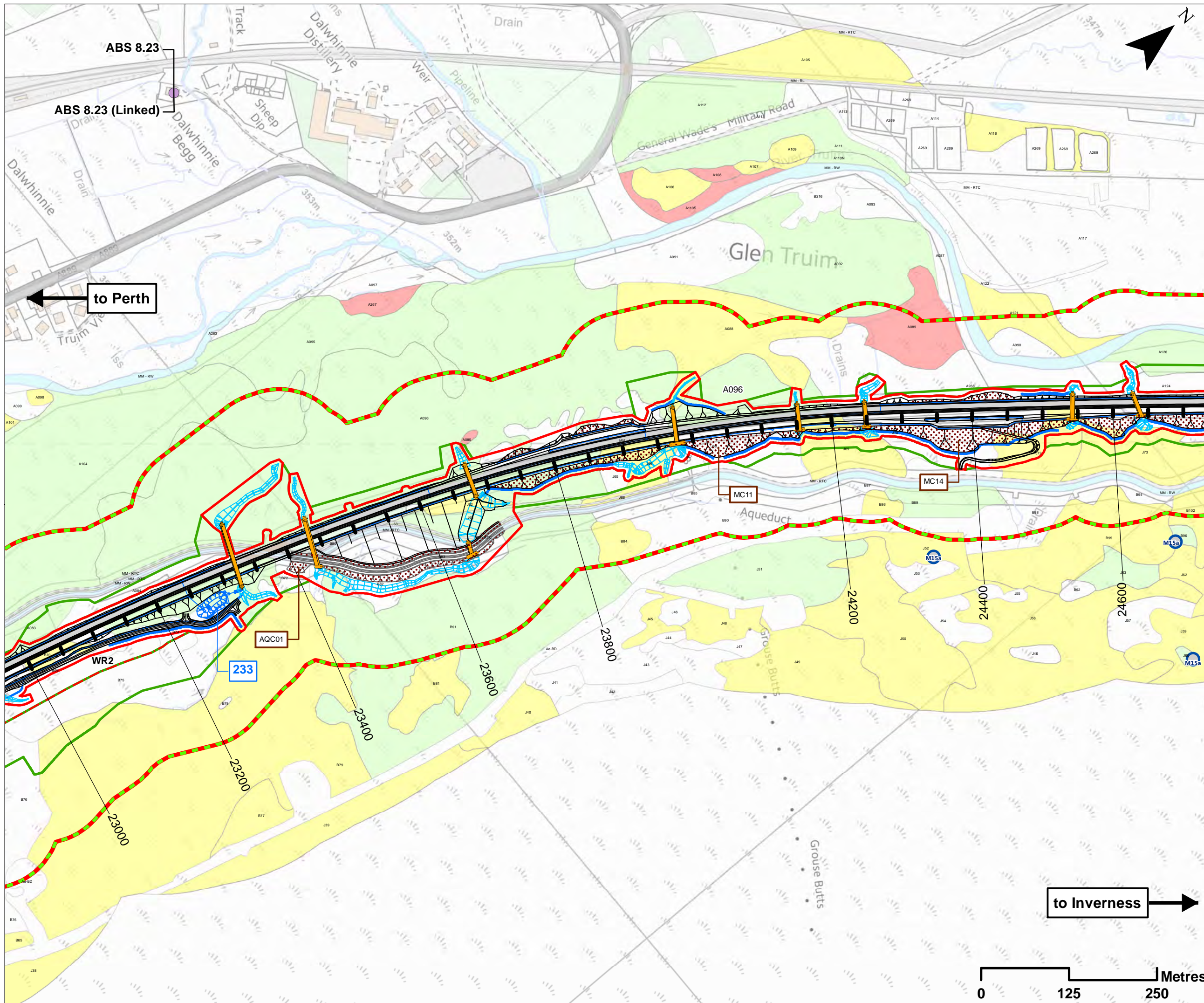
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DATE: 28/11/2017  
 PROJ: 495298  
 DWG: A9P08-CFJ-EGT-J\_ML214\_ZZ-DR-EN-0002

SHEET: 3 OF 9	REVISION: C01	SUITABILITY: A3
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- ### Legend
- Proposed Scheme Detail
  - Aqueduct Diversion
  - Watercourse Diversions
  - Drainage
  - 200 SuDS ID
  - Proposed Culverts
  - Assessment Boundary - Permanent Works
  - Assessment Boundary - Temporary Works
  - WR1 Winter Resilience Tree Belt (Indicative)
  - Earthwork Cuttings and Widening
  - C01 Earthwork Cutting ID
  - Private Water Supplies - Source Location
  - ABS 8.0** Abstraction/ Private Water Supply ID
  - Potential GWDE and Polygon IDs:**
    - Highly Groundwater Dependent
    - Moderately Groundwater Dependent
    - Partially Groundwater Dependent
    - Not Groundwater Dependent
    - Target Note Locations and IDs
    - Minimum Potential GWDE Study Area

**Notes:**  
 Only excavations anticipated to be equal to or greater than 1.00m are specifically labelled.  
 Potential GWDE ratings shown are based solely on SEPA guidance (2014). The likely dependency of each area is considered and assessed in Appendix 10.2 (Volume 2) of the Environmental Statement. Reference should therefore be made to this as necessary.

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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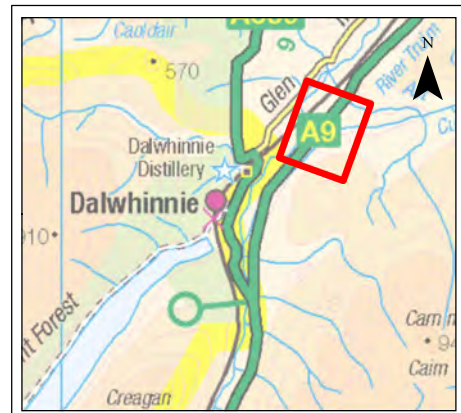
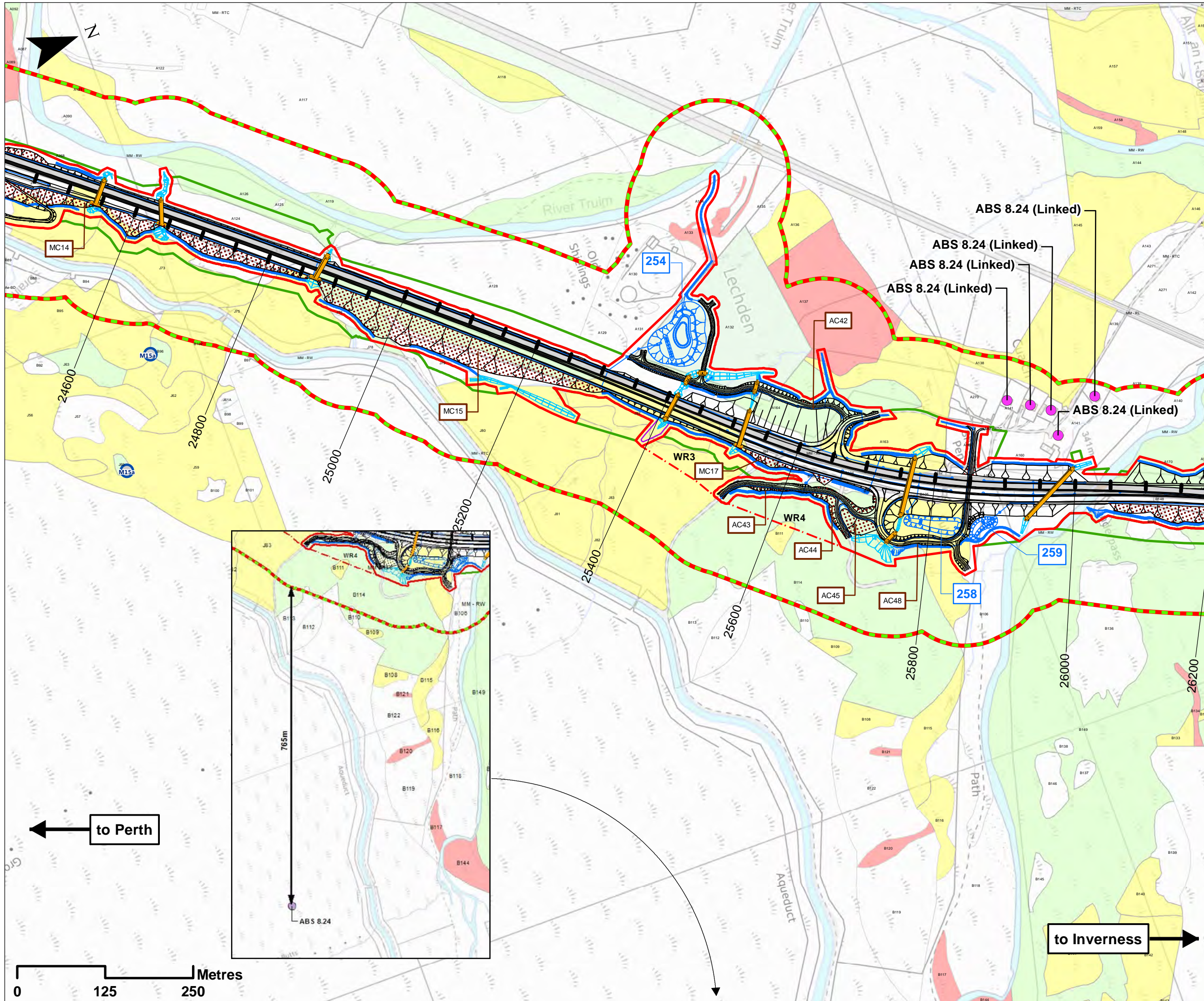
**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA ASSESSMENT PLAN**  
**DRAWING 10.24**  
**GROUNDWATER ABSTRUCTIONS, PRIVATE WATER SUPPLIES AND GWDE**  
 chainage 23000 to 24600

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 28/11/2017  
 PROJ: 495298  
 DWG: A9P08-CFJ-EGT-J ML230 ZZ-DR-EN-0002

SHEET: 4 OF 9	REVISION: C01	SUITABILITY: A3
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**Legend**

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- 200 SuDS ID
- Proposed Culverts
- Compensatory Storage Areas
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- WR1 Winter Resilience Tree Belt (Indicative)
- Earthwork Cuttings and Widening
- C01 Earthwork Cutting ID
- Private Water Supplies - Source Location
- Private Water Supplies - Supplied Property
- ABS 8.0 Abstraction/ Private Water Supply ID

**Potential GWDTE and Polygon IDs:**

- Highly Groundwater Dependent
- Moderately Groundwater Dependent
- Partially Groundwater Dependent
- Not Groundwater Dependent
- Target Note Locations and IDs
- Minimum Potential GWDTE Study Area

**Notes:**  
 Only excavations anticipated to be equal to or greater than 1.00m are specifically labelled.  
 Potential GWDTE ratings shown are based solely on SEPA guidance (2014). The likely dependency of each area is considered and assessed in Appendix 10.2 (Volume 2) of the Environmental Statement. Reference should therefore be made to this as necessary.

**SCALE 1:5000**

REV	SUJ	DATE	DESCRIPTION	HA	JF
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P02	S3	AUG 17	DESIGN UPDATE	HA	JF
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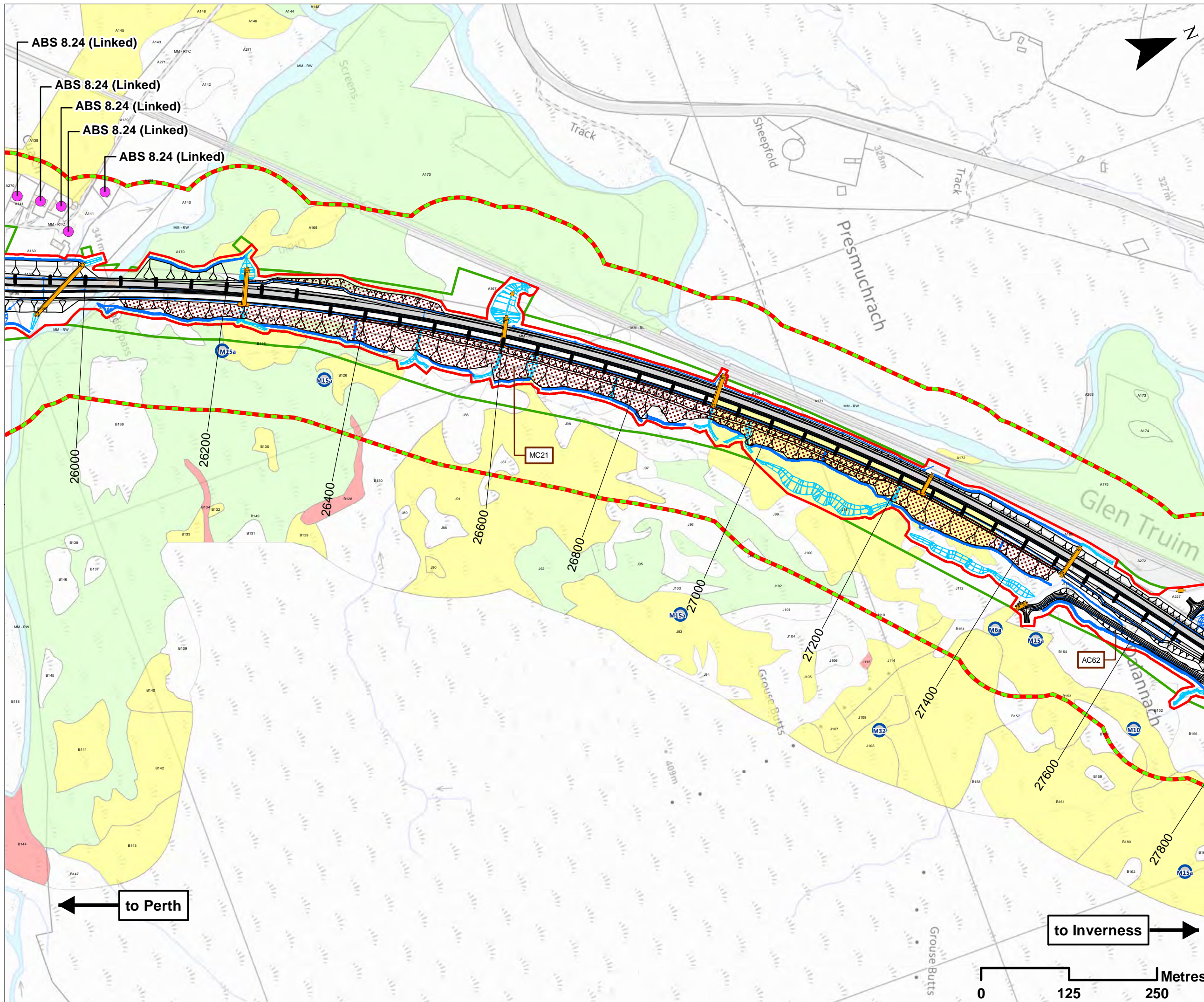
**ch2m: FAIRHURST**  
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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA**  
**ASSESSMENT PLAN**  
**DRAWING 10.25**  
**GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GWDTE**  
**chainage 24600 to 26000**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
DATE: 30/11/2017			
PROJ: 495298			
DWG: A9P08-CFJ-EGT-J_ML246_ZZ-DR-EN-0002			
SHEET: 5 OF 9	REVISION: C01	SUITABILITY: A3	





**Legend**

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- Proposed Culverts
- Compensatory Storage Areas
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- Earthwork Cuttings and Widening
- ☐ C01 Earthwork Cutting ID
- Private Water Supplies - Supplied Property
- ABS 8.0 Abstraction/ Private Water Supply ID
- Potential GWLTE and Polygon IDs:**
- Highly Groundwater Dependent
- Moderately Groundwater Dependent
- Partially Groundwater Dependent
- Not Groundwater Dependent
- Target Note Locations and IDs
- Minimum Potential GWLTE Study Area

**Notes:**  
Only excavations anticipated to be equal to or greater than 1.00m are specifically labelled.

Potential GWLTE ratings shown are based solely on SEPA guidance (2014). The likely dependency of each area is considered and assessed in Appendix 10.2 (Volume 2) of the Environmental Statement. Reference should therefore be made to this as necessary.

**SCALE 1:5000**

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	AUG 17	DESIGN UPDATE	HA	JF
P01	S3	MAR 17	DRAFT FOR COMMENT	HA	JF
REV	SUJ	DATE	DESCRIPTION	BY	APP

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**PROJECT 8 DALWHINNIE TO CRUBENMORE EIA ASSESSMENT PLAN**  
DRAWING 10.26  
GROUNDWATER ABSTRACTIONS, PRIVATE WATER SUPPLIES AND GWLTE chainage 26000 to 27600

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
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DATE: 24/11/2017  
PROJ: 495298

DWG: A9P08-CFJ-EGT-J ML260 ZZ-DR-EN-0002

SHEET: 6 OF 9	REVISION: C01	SUITABILITY: A3
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