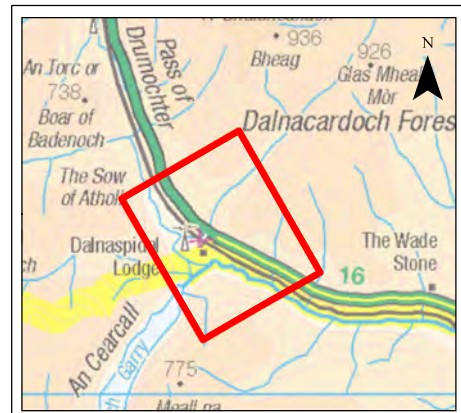
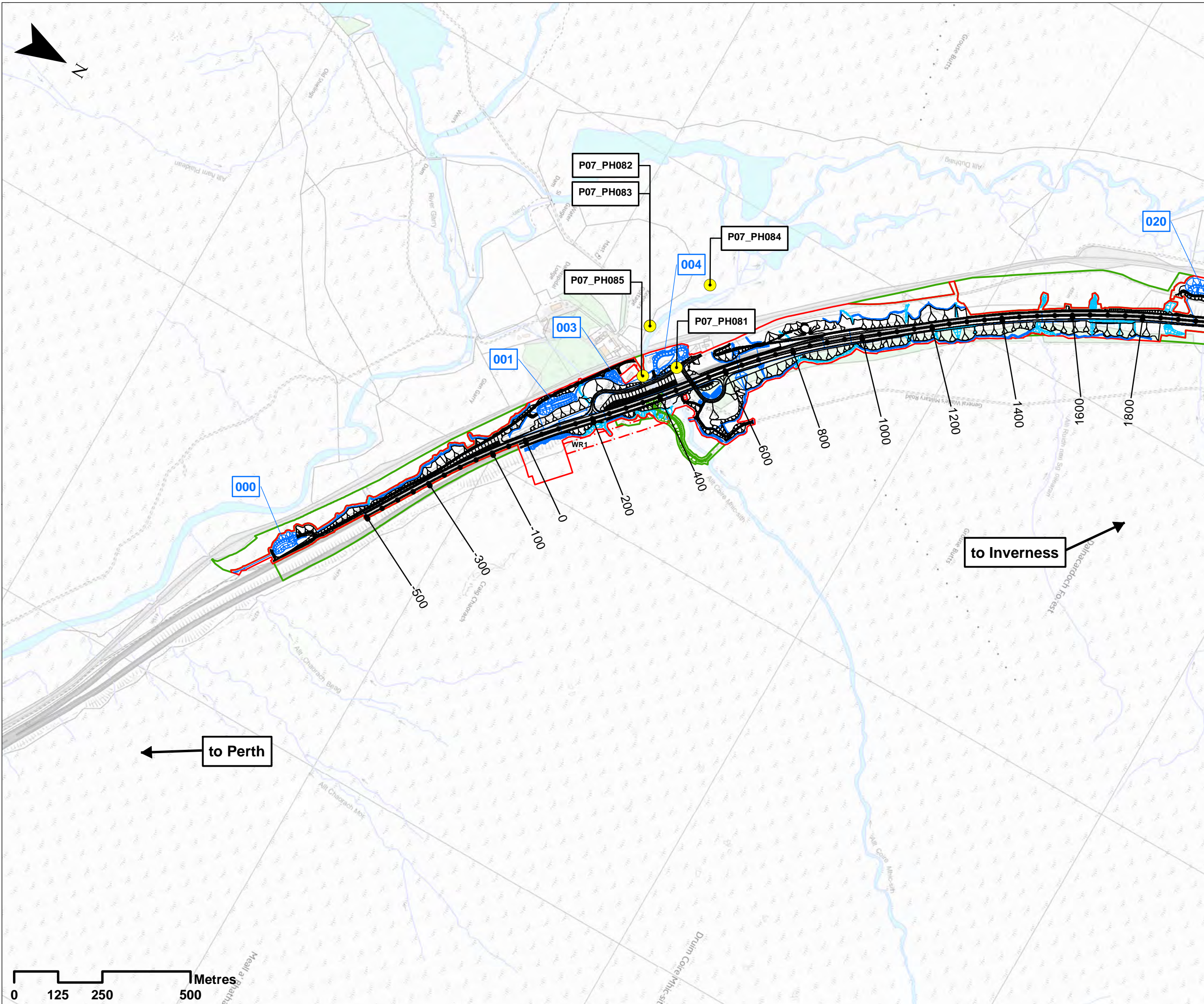


Geology, Soils and Groundwater - Appendix 10.1 Peat Survey Information

Drawing No.	Drawing Type	Drawing Title	Projectwise Drawing Reference	Software
10.1.1	ASSESSMENT PLAN	PEAT SURVEY WALKOVER PHOTOGRAPHS ch. -500 to 1800	A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0006	GIS
10.1.2	ASSESSMENT PLAN	PEAT SURVEY WALKOVER PHOTOGRAPHS ch. 1800 to 5000	A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0001	GIS
10.1.3	ASSESSMENT PLAN	PEAT SURVEY WALKOVER PHOTOGRAPHS ch. 5000 to 8200	A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0001	GIS
10.1.4	ASSESSMENT PLAN	PEAT SURVEY WALKOVER PHOTOGRAPHS ch. 8200 to 9741	A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0001	GIS



Legend

- Proposed Scheme Detail
- Dalnacardoch Temporary Construction Access
- Watercourse Diversions
- Drainage
- SuDS ID
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- 30m Winter Resilience Tree Belt (Indicative)
- CFJV Walkover Survey Photograph Locations (October 2016 / March 2017)
- P07_PH Photo ID

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

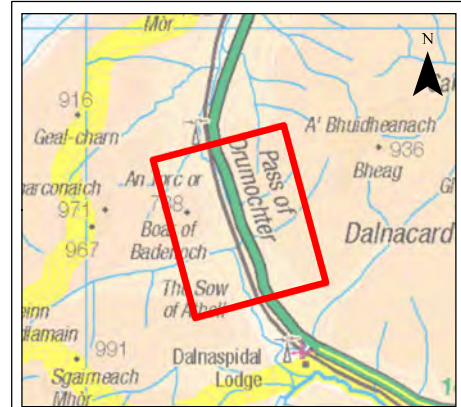
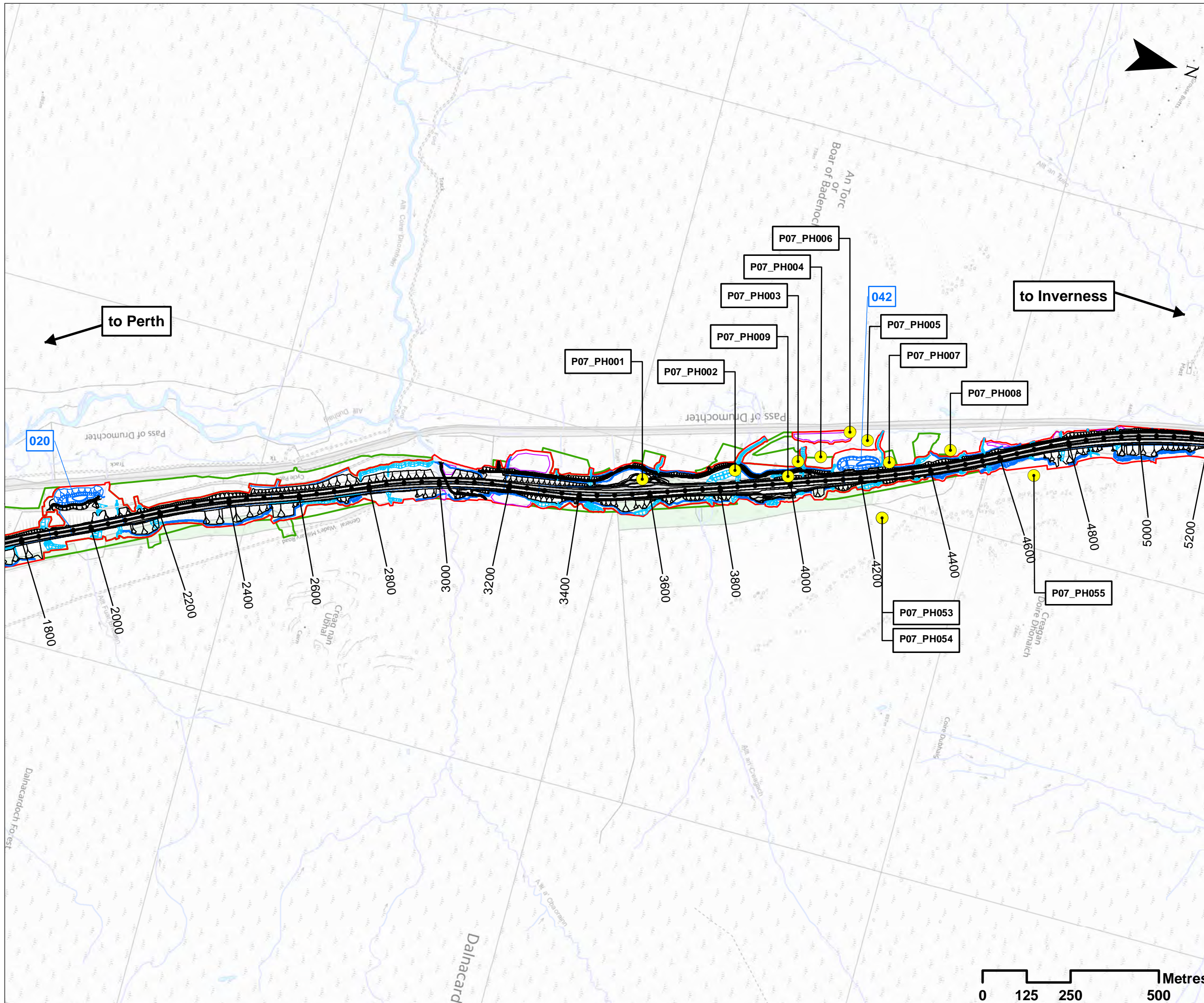


**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.1.1
 PEAT SURVEY WALKOVER PHOTOGRAPHS
 chainage -500 to 1800**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 21/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0006		
SHEET: 1 OF 4	REVISION: C01	SUITABILITY: A3



Legend

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- SuDS ID
- Compensatory Storage Area
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- CFJV Walkover Survey Photograph Locations (October 2016 / March 2017)
- Photo ID

SCALE 1:10000

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

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.1.2
 PEAT SURVEY WALKOVER PHOTOGRAPHS
 chainage 1800 to 5000**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

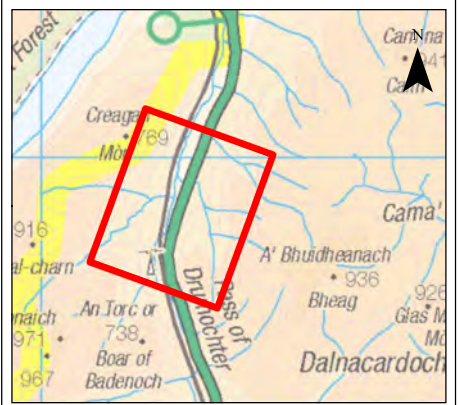
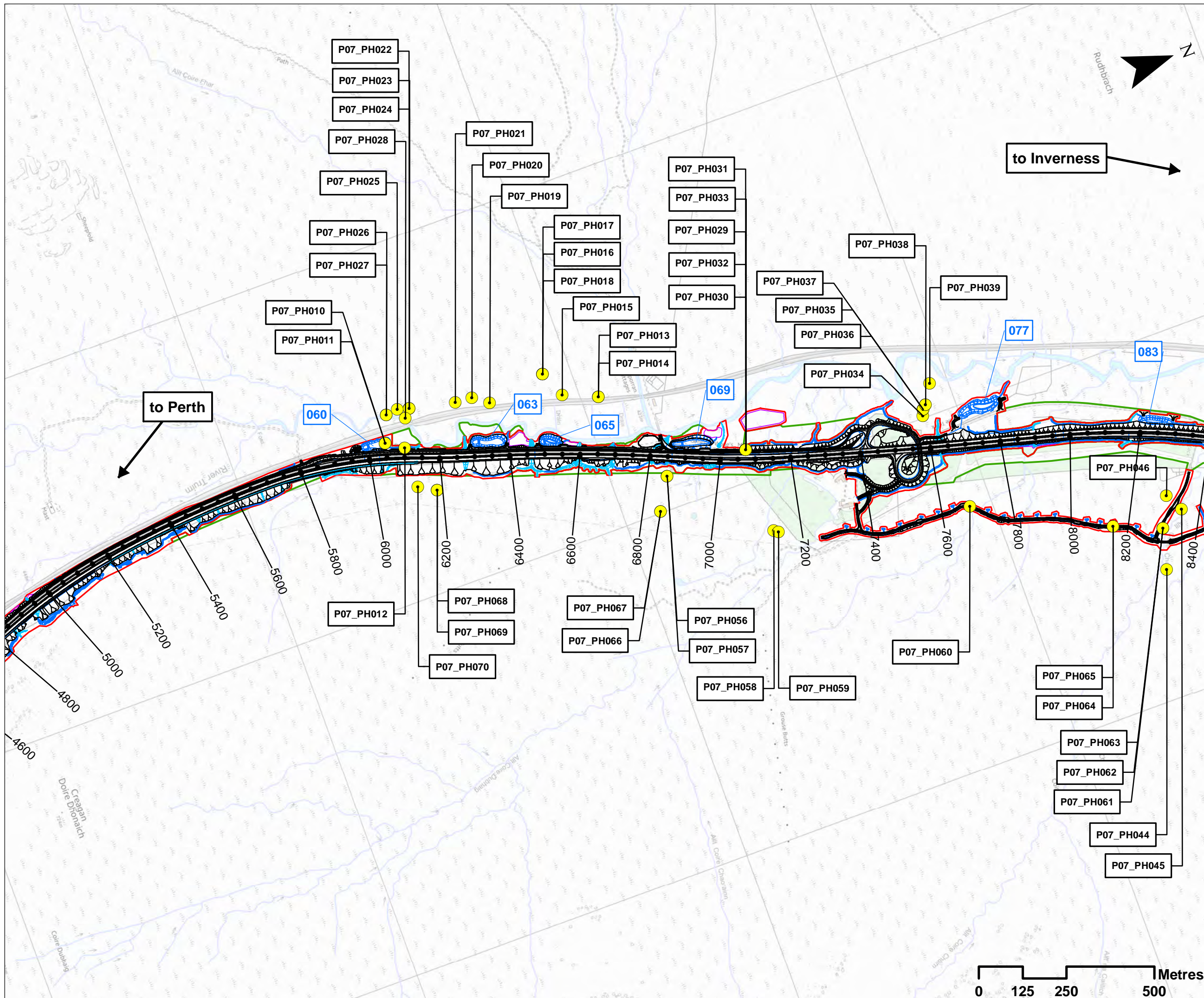
DATE: 21/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0001

SHEET: 2 OF 4	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------



Document Path: \\g:\p07\Geospatial\Projects\A9 Dualling\10.1.2\A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0001.dwg; 10.1.2.mxd



Legend

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- 000 SuDS ID
- Compensatory Storage Area
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- CFJV Walkover Survey Photograph Locations (October 2016 / March 2017)
- P07_PH Photo ID

SCALE 1:10000		FINAL REVISIONS	
P03	S3	NOV 17	HA JF
P02	S3	SEPT 17	HA JF
P01	S3	JUN 17	HA JF

ch2m. FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



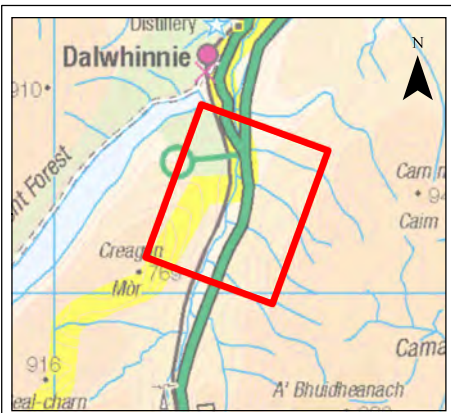
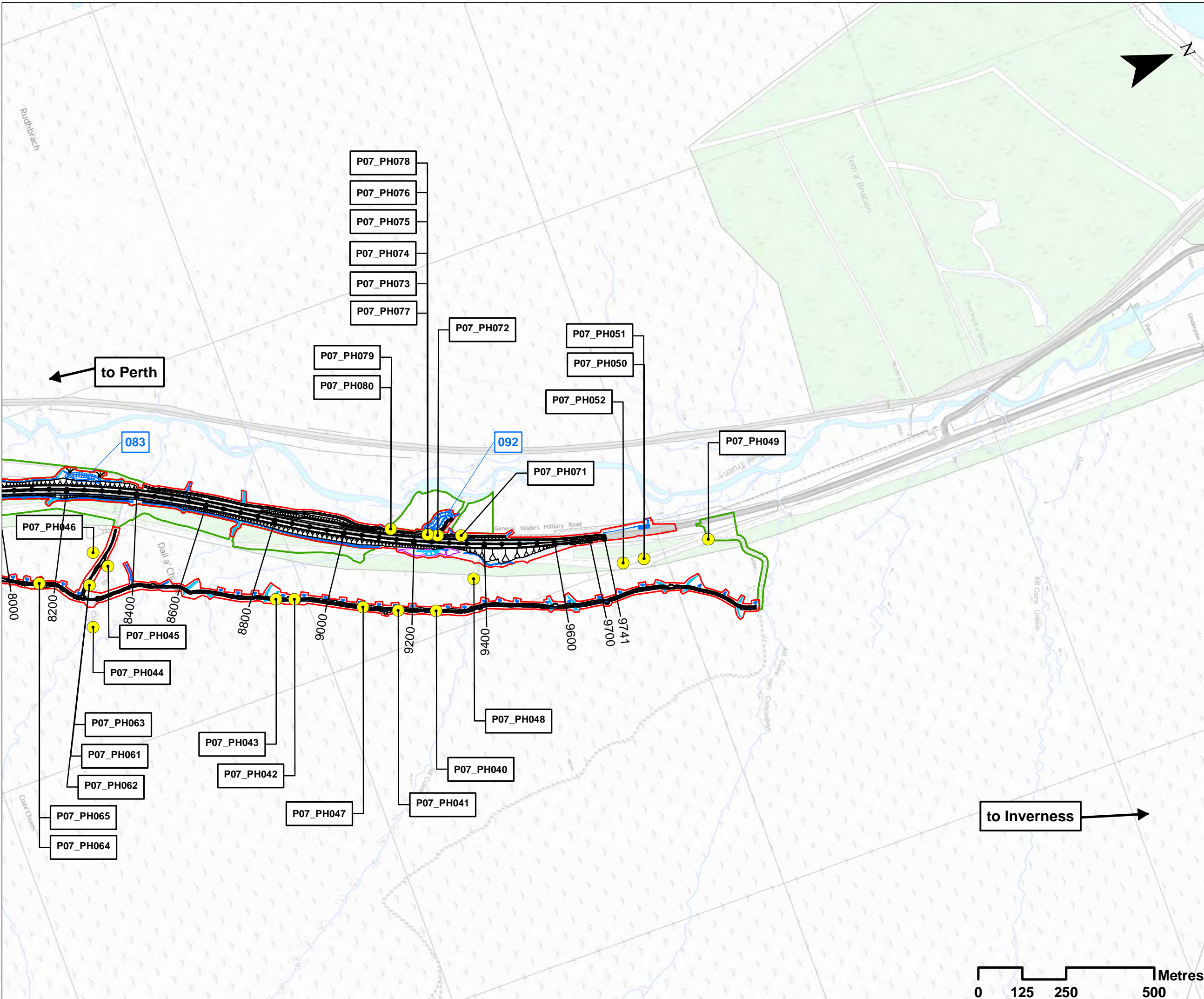
PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.1.3
PEAT SURVEY WALKOVER PHOTOGRAPHS
chainage 5000 to 8200

DESIGN:	DRAWN:	CHK:	APP:
CK	HA	CK	JF

DATE: 21/11/2017
 PROJ: 495298
 DWG: A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0001

SHEET:	REVISION:	SUITABILITY:
3 OF 4	C01	A3





Legend

- Proposed Scheme Detail
- Watercourse Diversions
- Drainage
- 000 SuDS ID
- Compensatory Storage Area
- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- CFJV Walkover Survey Photograph Locations (October 2016 / March 2017)
- P07_PH Photo ID

SCALE 1:10000

REV	SUI	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

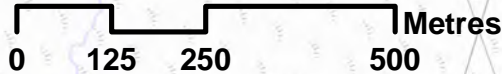


**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.1.4
 PEAT SURVEY WALKOVER PHOTOGRAPHS
 chainage 8200 to 9741**

DESIGN: CK	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

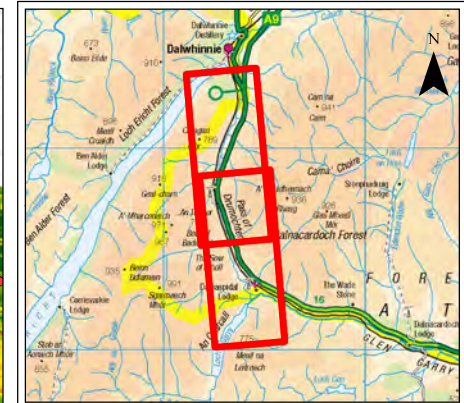
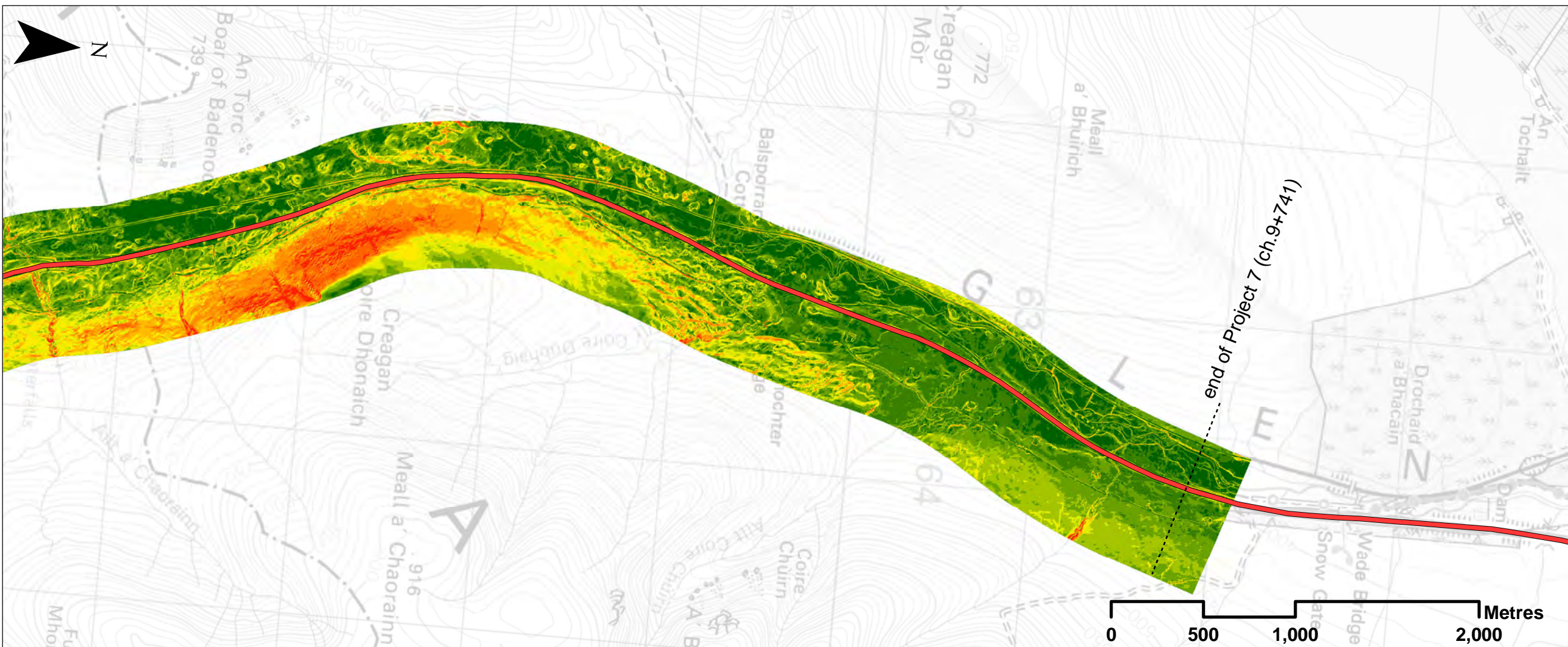
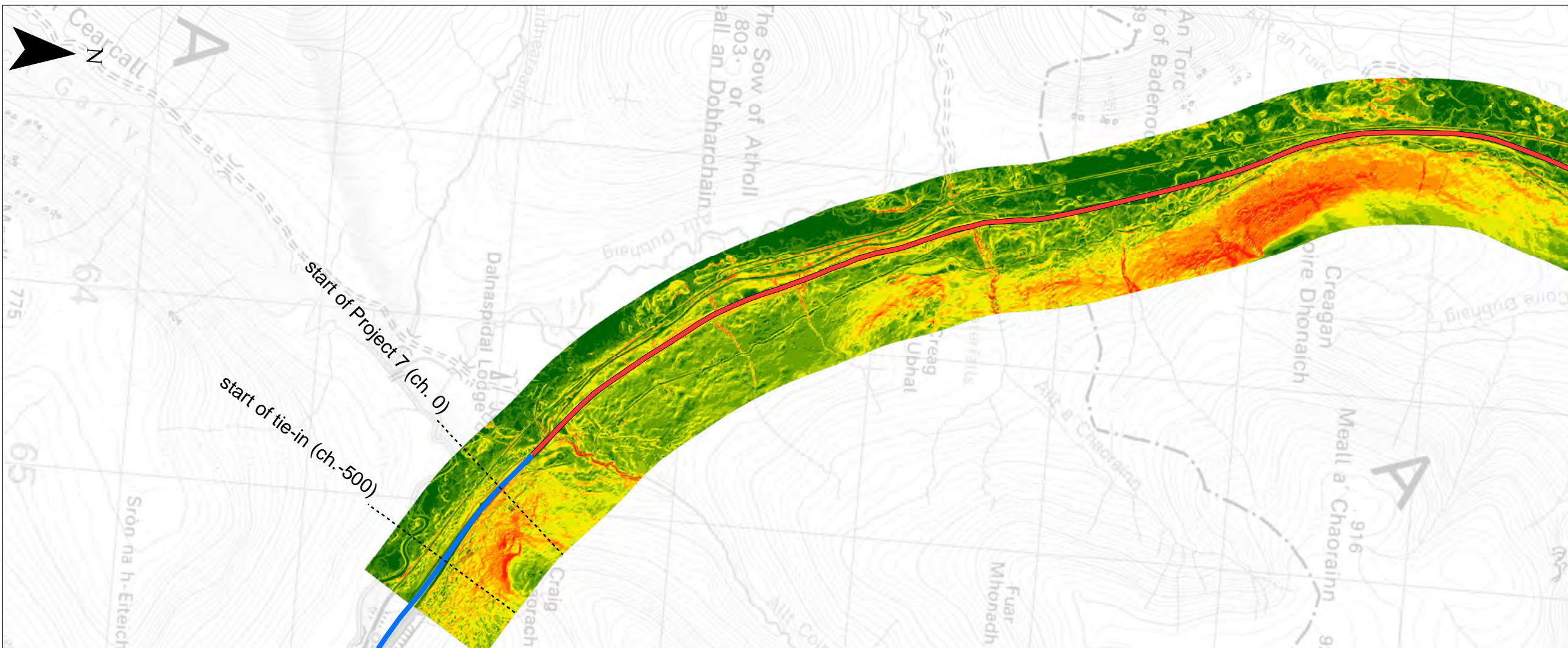
DATE: 27/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0001		
SHEET: 4 OF 4	REVISION: C01	SUITABILITY: A3



Geology, Soils and Groundwater - Appendix 10.5 Preliminary Peat Landslide Risk Assessment

Drawing No.	Drawing Type	Drawing Title	Projectwise Drawing Reference	Software
10.5.1	BASELINE PLAN	SITE SLOPE	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0010	GIS
10.5.2	BASELINE PLAN	CATCHMENT SLOPE	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0011	GIS
10.5.3	BASELINE PLAN	SITE ELEVATION	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0012	GIS
10.5.4	BASELINE PLAN	CATCHMENT ELEVATION	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0013	GIS
10.5.5	BASELINE PLAN	GEOMORPHOLOGY, NATURAL DRAINAGE AND ASSOCIATED HAZARD SCORES (PEAT SLIDES)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0014	GIS
10.5.6	BASELINE PLAN	GEOMORPHOLOGY, NATURAL DRAINAGE AND ASSOCIATED HAZARD SCORES (BOG BURSTS)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0015	GIS
10.5.7	BASELINE PLAN	CONCAVITY AND CONVEXITY HAZARD SCORES	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0016	GIS
10.5.8	BASELINE PLAN	LAND USE, ARTIFICIAL DRAINAGE AND ASSOCIATED HAZARD SCORES	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0017	GIS
10.5.9	BASELINE PLAN	SUBSTRATE AND ASSOCIATED HAZARD SCORES	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0018	GIS
10.5.10	BASELINE PLAN	CATCHMENT SCALE FEATURES AND HAZARD RANKING	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0019	GIS
10.5.11	BASELINE PLAN	COMBINED HAZARD SCORES (PEAT SLIDES)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0020	GIS
10.5.12	BASELINE PLAN	COMBINED HAZARD SCORES (BOG BURSTS)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0021	GIS
10.5.13	BASELINE PLAN	CONSEQUENCE SCORES (PEAT SLIDES)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0022	GIS
10.5.14	BASELINE PLAN	CONSEQUENCE SCORES (BOG BURSTS)	A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0023	GIS
10.5.15	ASSESSMENT PLAN	PEAT LANDSLIDE RISK ch.-500 to 1800	A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0007	GIS
10.5.16	ASSESSMENT PLAN	PEAT LANDSLIDE RISK ch. 1800 to 5000	A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0002	GIS
10.5.17	ASSESSMENT PLAN	PEAT LANDSLIDE RISK ch. 5000 to 8200	A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0002	GIS
10.5.18	ASSESSMENT PLAN	PEAT LANDSLIDE RISK ch. 8200 to 9741	A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0002	GIS



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

Slope (degrees):

- 0 - 2
- 2.1 - 5
- 5.1 - 10
- 10.1 - 15
- 15.1 - 20
- 20.1 - 25
- 25.1 - 30
- 30.1 - 35
- 35.1 - 40
- 40.1 - 90

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASEMENT PLAN
 DRAWING 10.5.1
 SITE SLOPE**

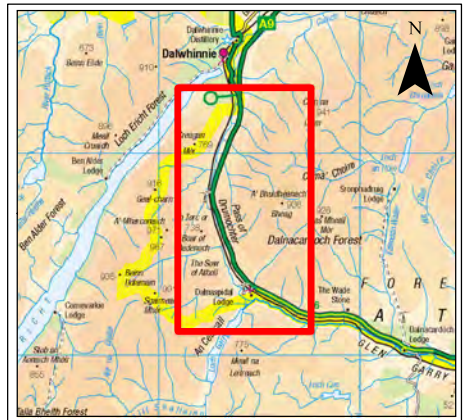
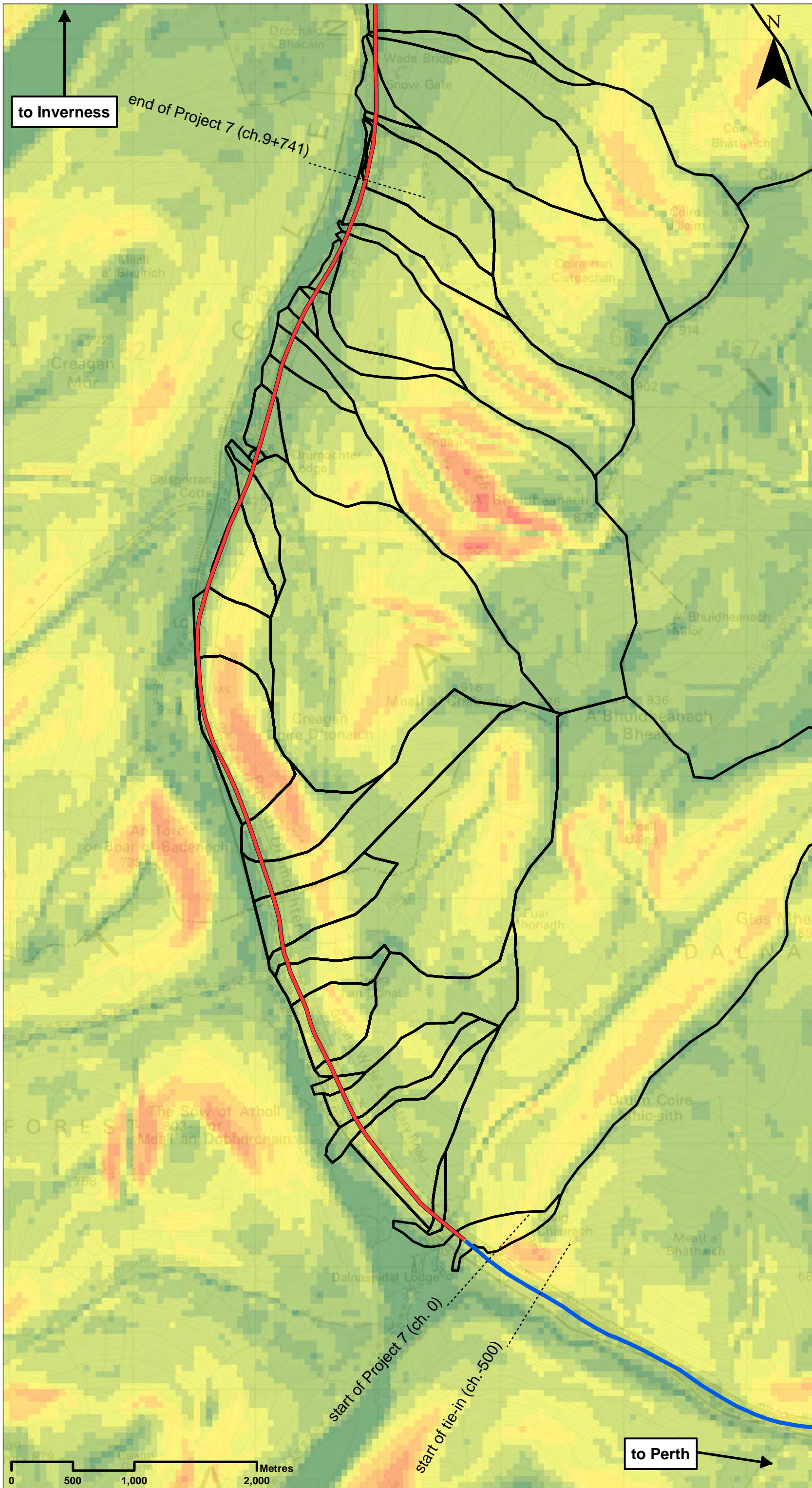
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 24/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0010

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single
- ⬮ Catchment Boundaries

Slope (degrees):

- 0 - 2
- 2.1 - 5
- 5.1 - 10
- 10.1 - 15
- 15.1 - 20
- 20.1 - 25
- 25.1 - 30
- 30.1 - 35
- 35.1 - 40
- 40.1 - 90

SCALE 1:30000

PO2	S3	NOV 17	FINAL REVISIONS	HA	JF
PO1	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 CO: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



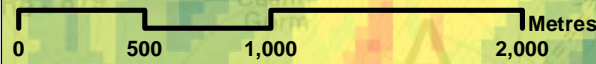
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.2
 CATCHMENT SLOPE**

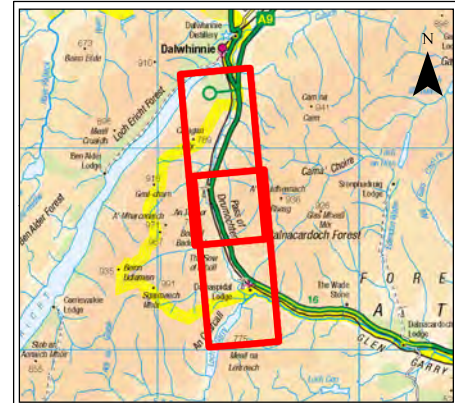
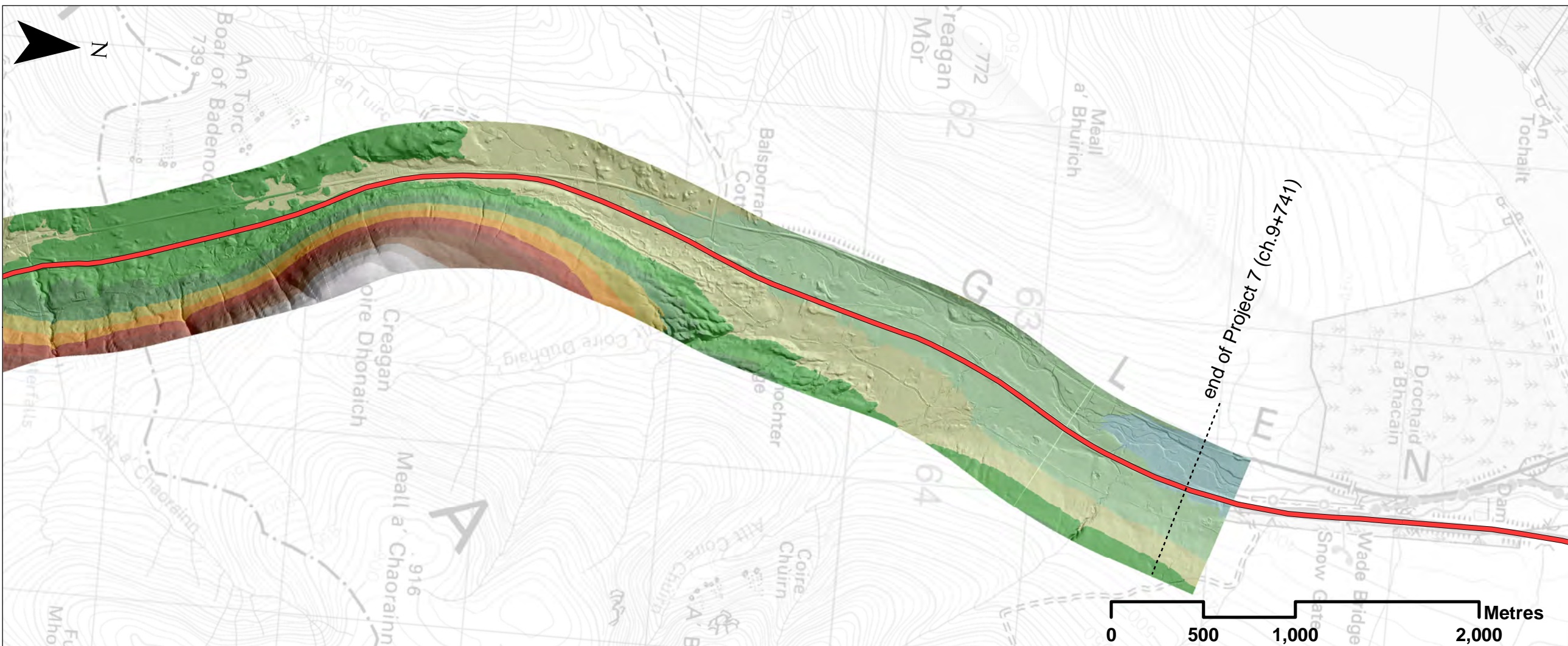
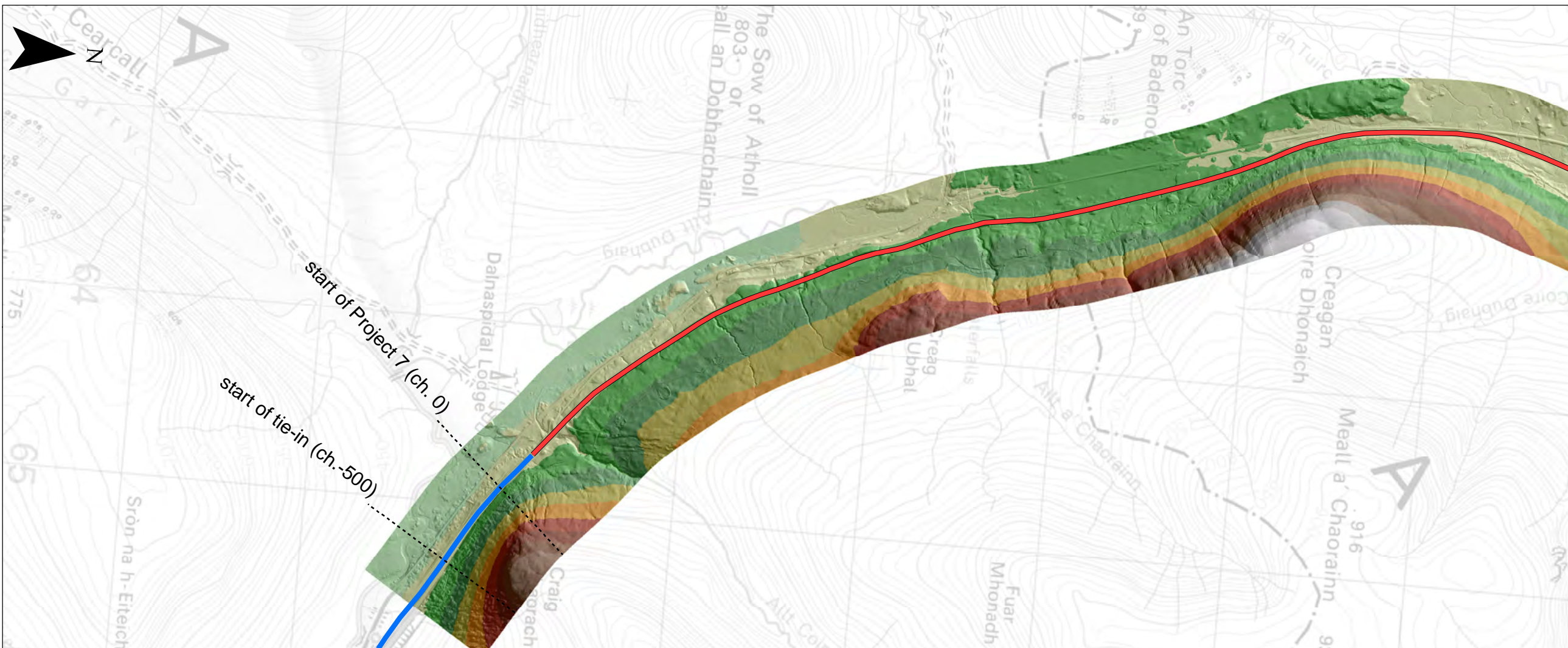
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 24/11/2017

PROJ: 495298
 DWG: A9P07-CF3-EGT-L_ZZZZZ_ZZ-DR-EN-0011

SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------





Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

Elevation (mAOD):

- >700
- 675 - 700
- 650 - 675
- 625 - 650
- 600 - 625
- 575 - 600
- 550 - 575
- 525 - 550
- 500 - 525
- 475 - 500
- 450 - 475
- 425 - 450
- 400 - 425
- <400

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST

CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.3
 SITE ELEVATION**

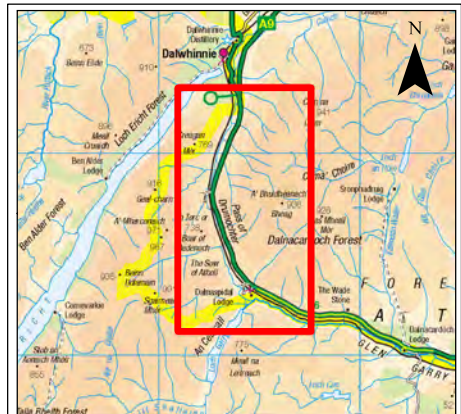
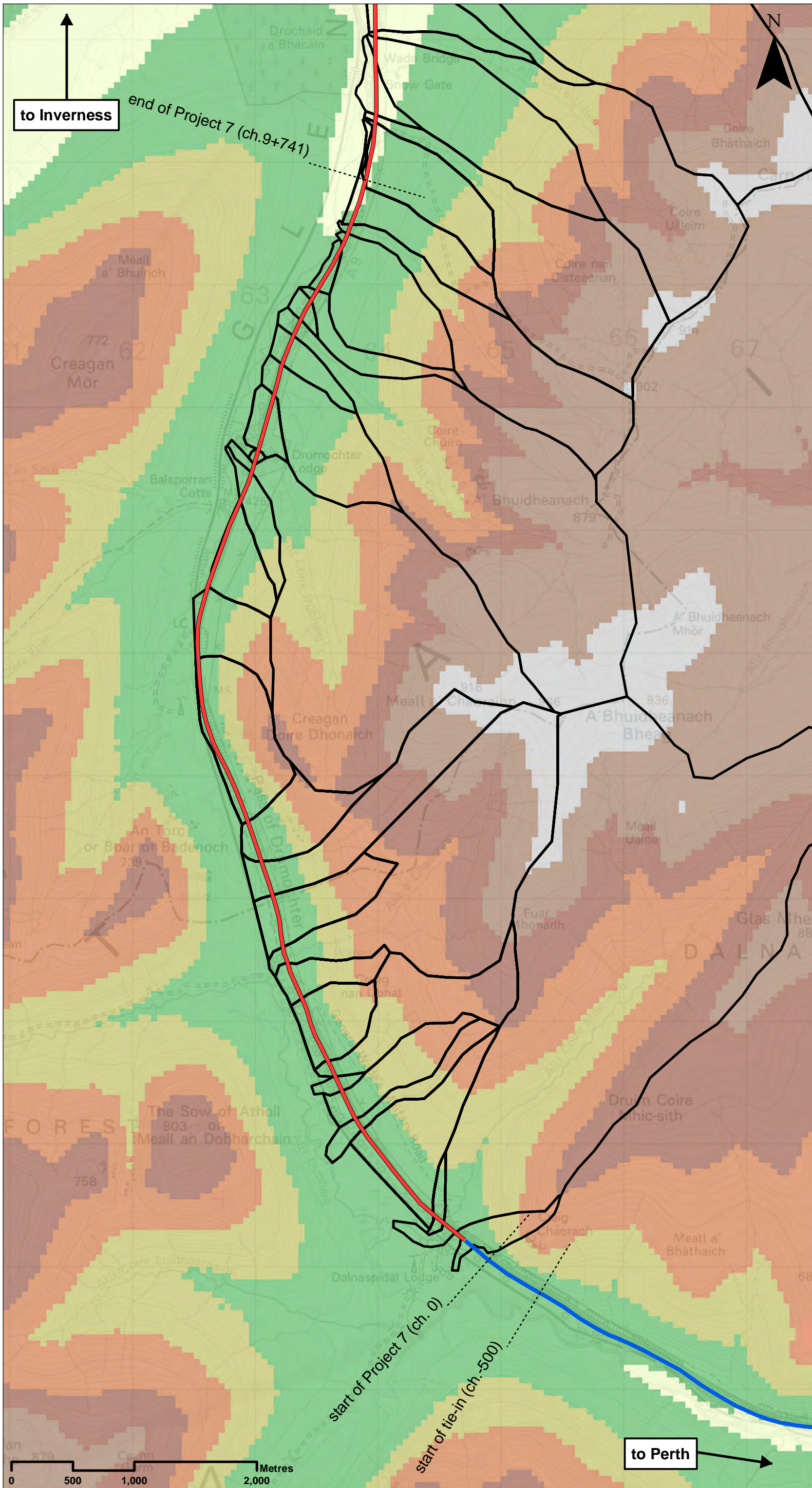
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0012

SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single
- ⬭ Catchment Boundaries

Elevation (mAOD):

- >1000
- 900 - 1000
- 800 - 900
- 700 - 800
- 600 - 700
- 500 - 600
- 400 - 500
- 300 - 400
- <300

SCALE 1:30000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 CO: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

TRANSPORT SCOTLAND **A9 DUALLING**
 PERTH TO INVERNESS
 Over Garry to Dalwhinnie

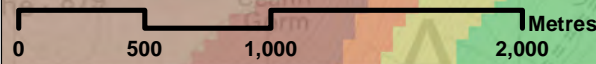
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.4
 CATCHMENT ELEVATION**

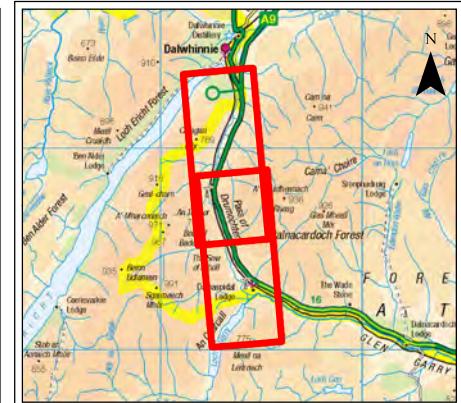
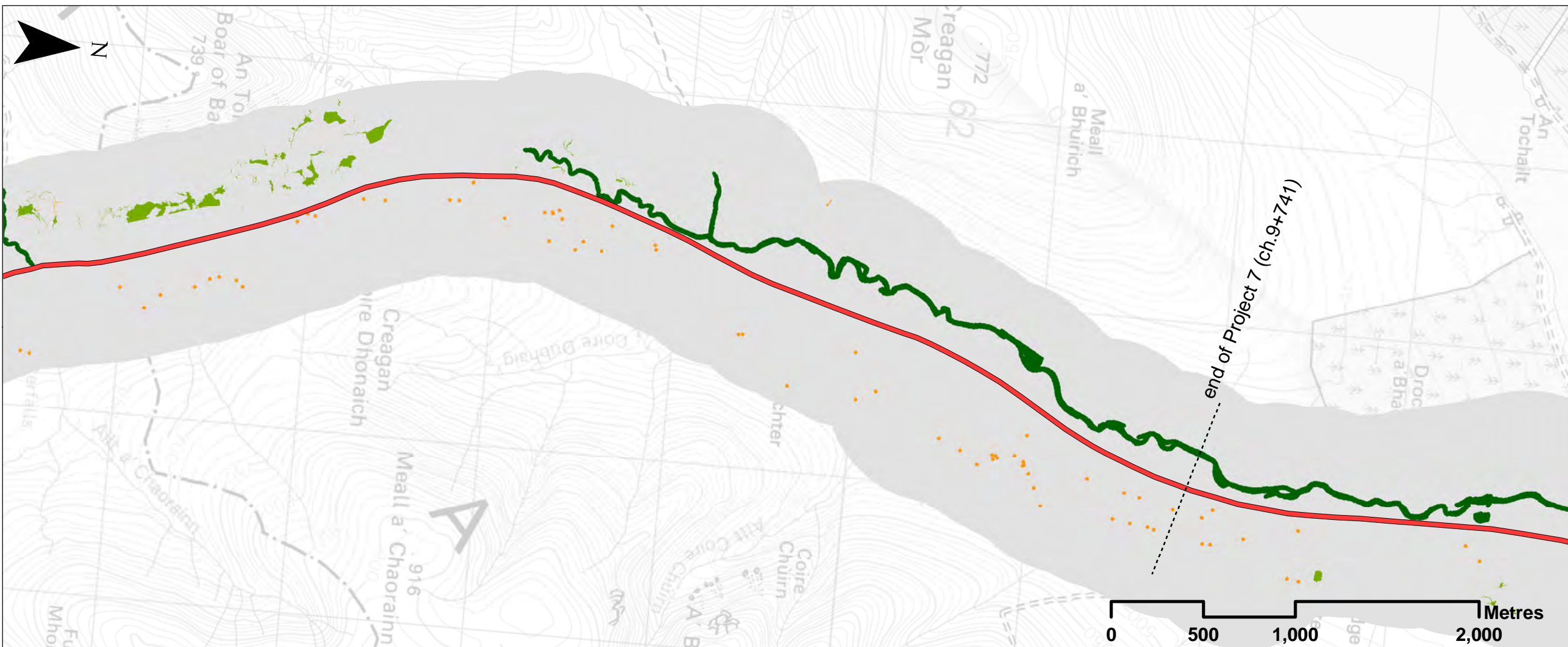
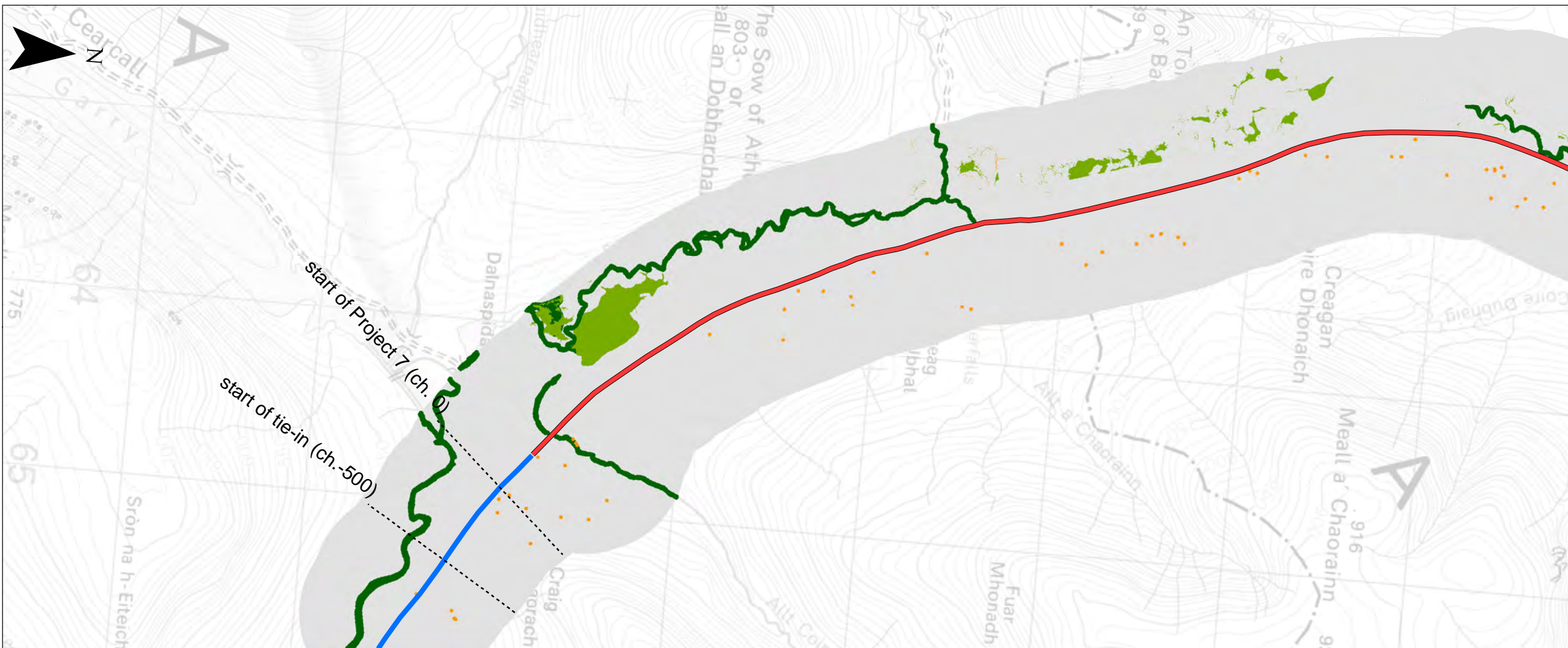
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 24/11/2017

PROJ: 495298
 DWG: A9P07-CF3-EGT-L_ZZZZZ_ZZ-DR-EN-0013

SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------





Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Peat Slide Hazard Score:

- 0
- 1
- 2
- 3
- 4
- 5

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST

CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.5
 GEOMORPHOLOGY, NATURAL DRAINAGE AND
 ASSOCIATED HAZARD SCORES (PEAT SLIDES)**

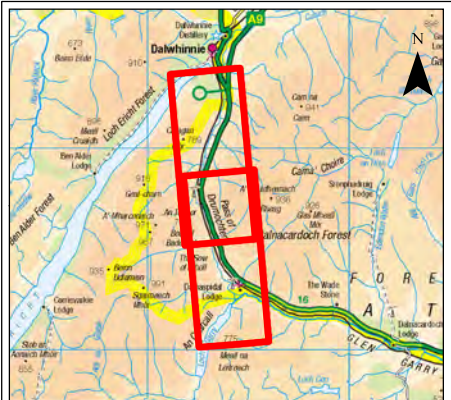
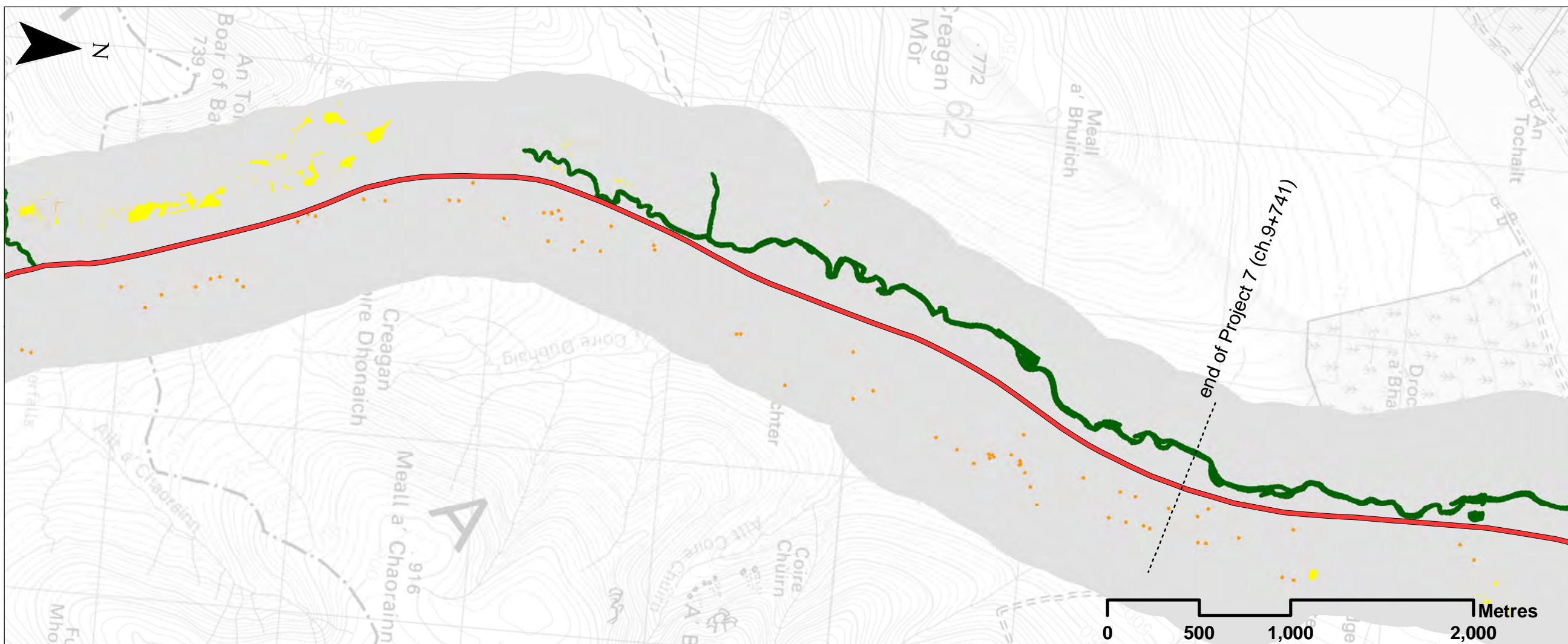
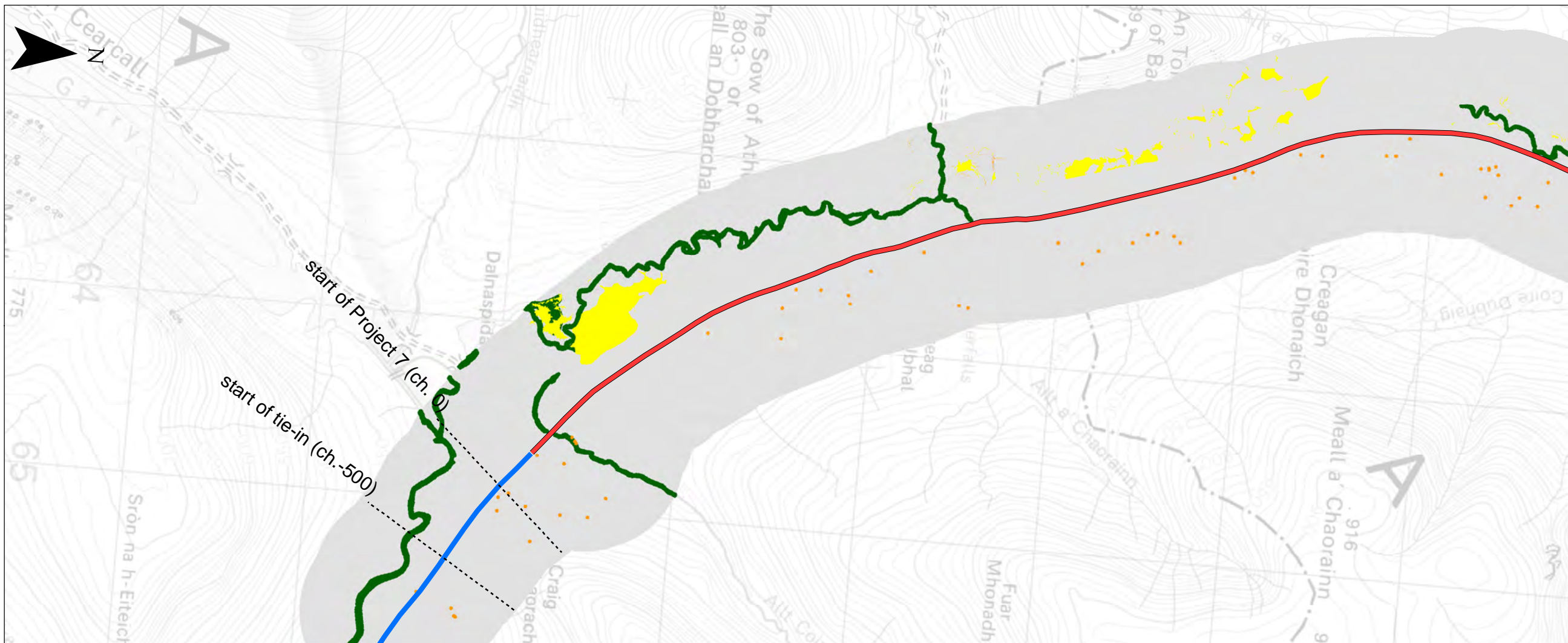
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 30/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0014

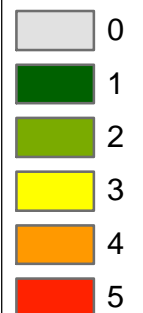
SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

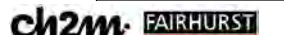
CFJV-Derived Bog Burst Hazard Score:



Notes:
Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel +44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
BASELINE PLAN
DRAWING 10.5.6
GEOMORPHOLOGY, NATURAL DRAINAGE
AND ASSOCIATED HAZARD SCORES (BOG BURSTS)**

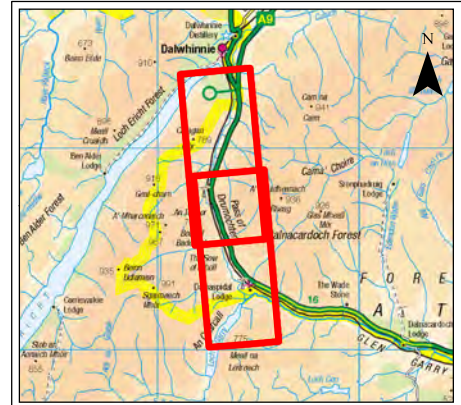
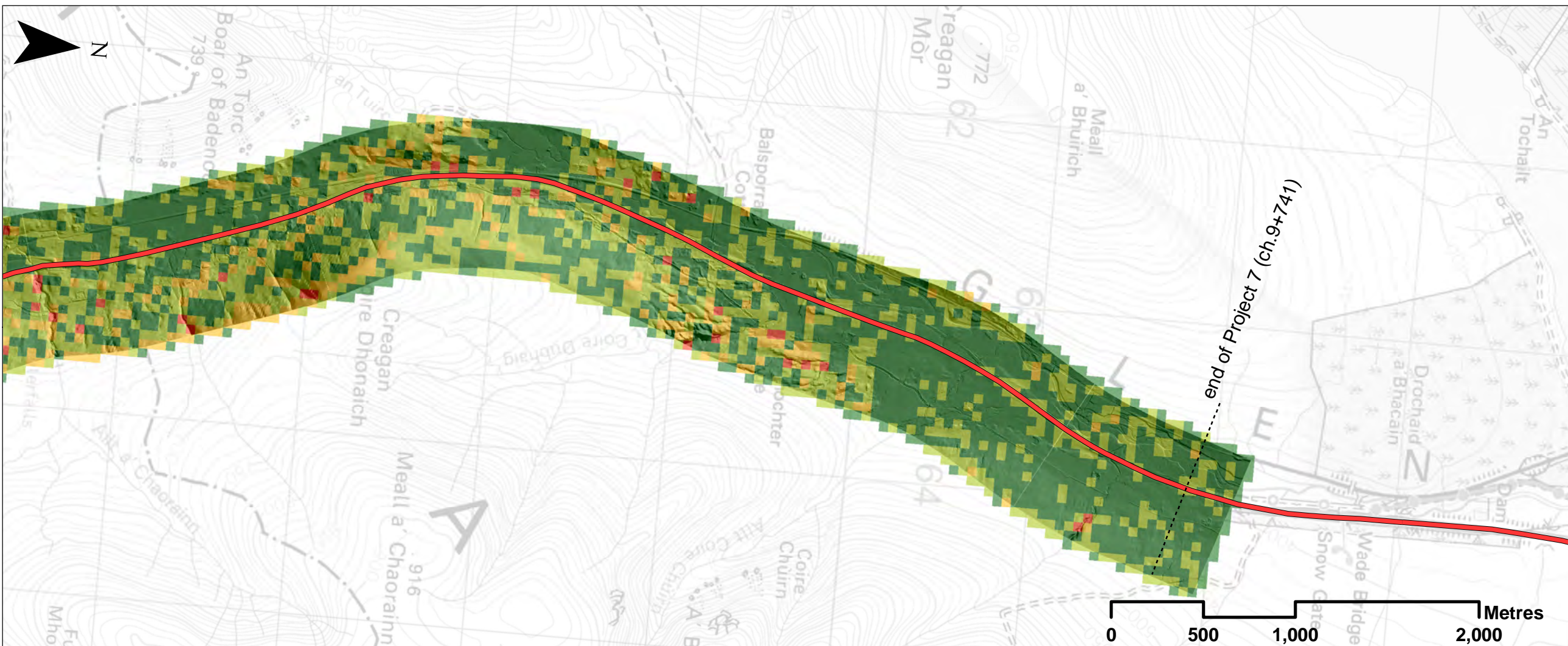
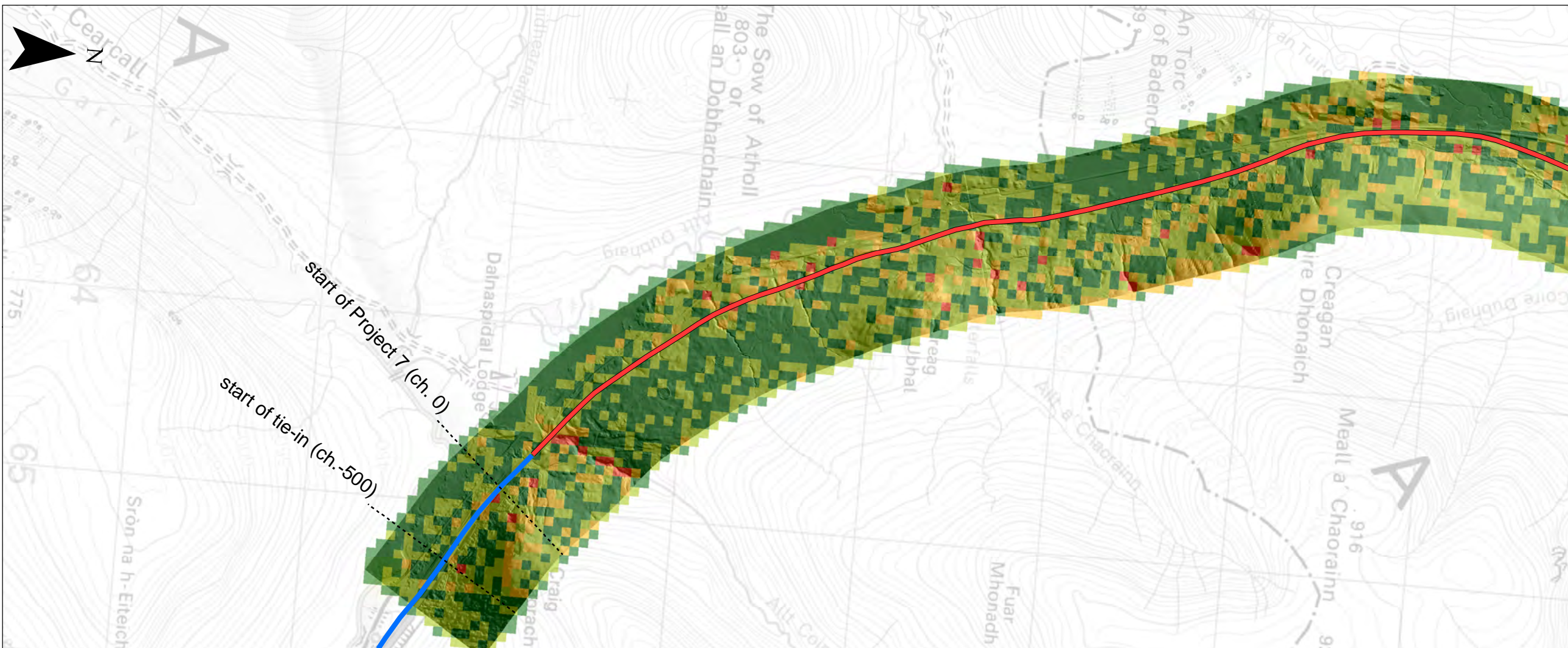
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 24/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZ_ZZ-DR-EN-0015

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Curvature Hazard Score:

- 1
- 2
- 3
- 4

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.7
 CONCAVITY AND CONVEXITY HAZARD SCORES**

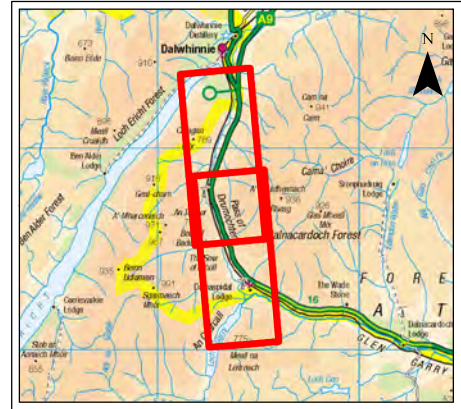
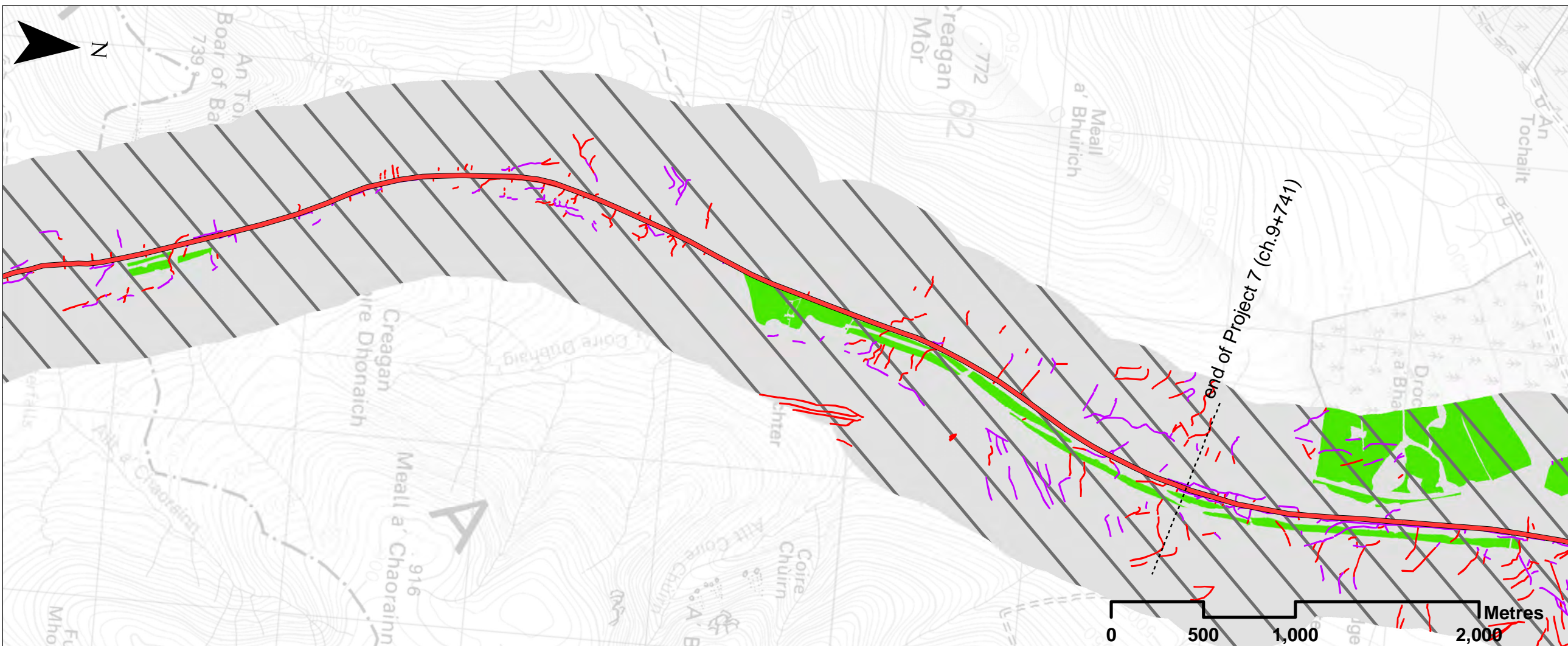
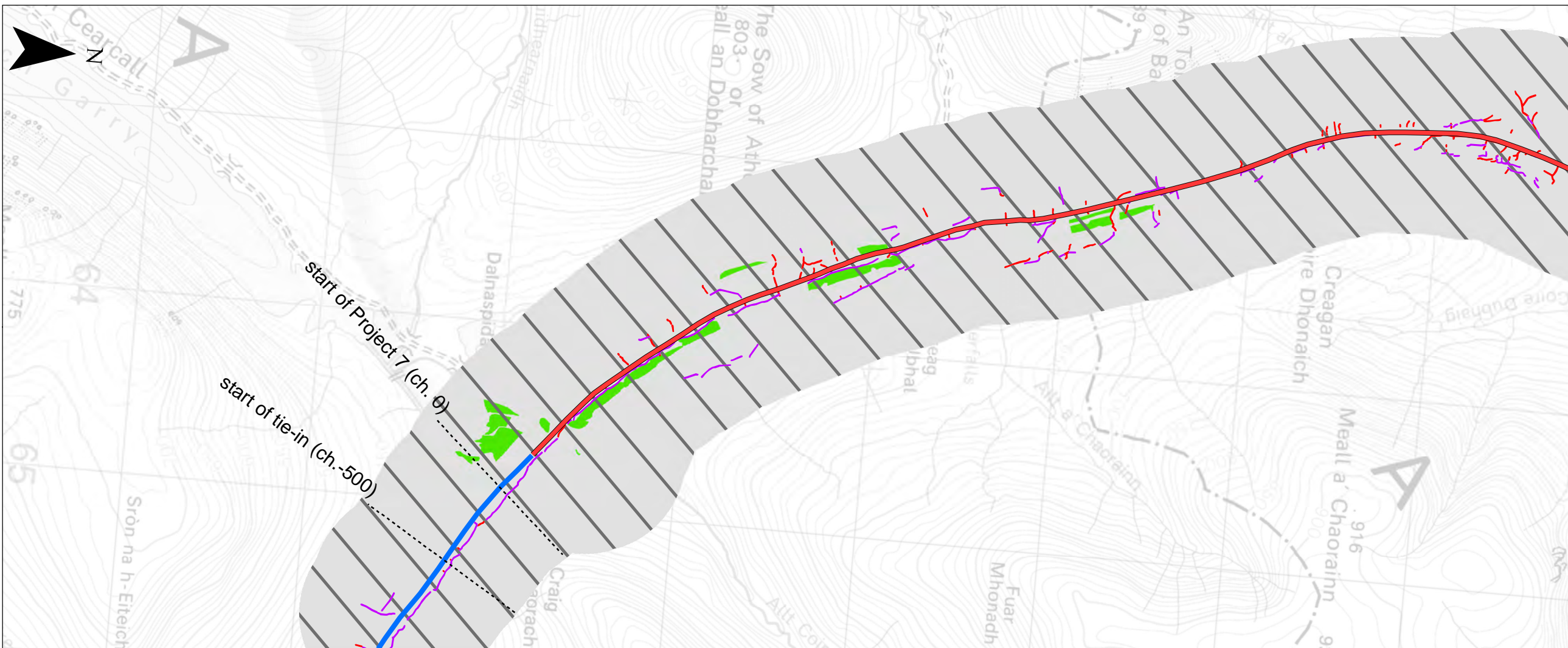
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 29/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0016

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Drainage Hazard Score:

- 0
- 2
- 3

CFJV-Derived Land Use Hazard Score:

- 0
- 2

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



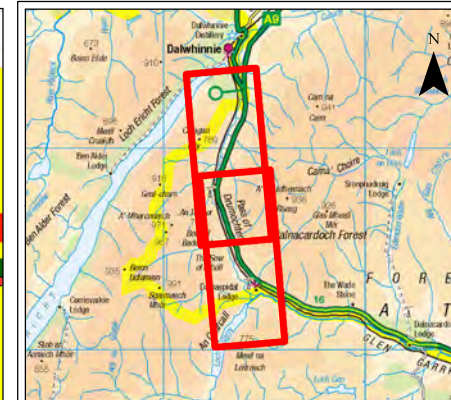
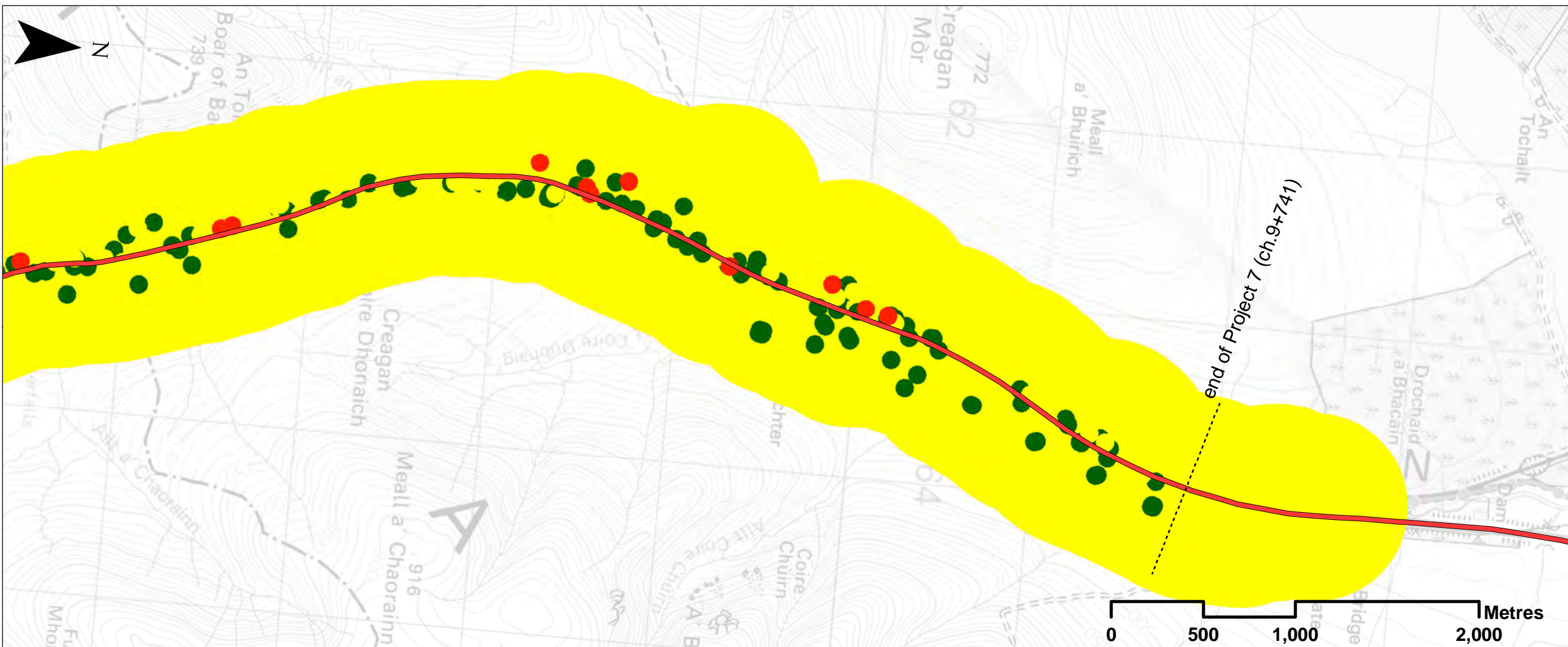
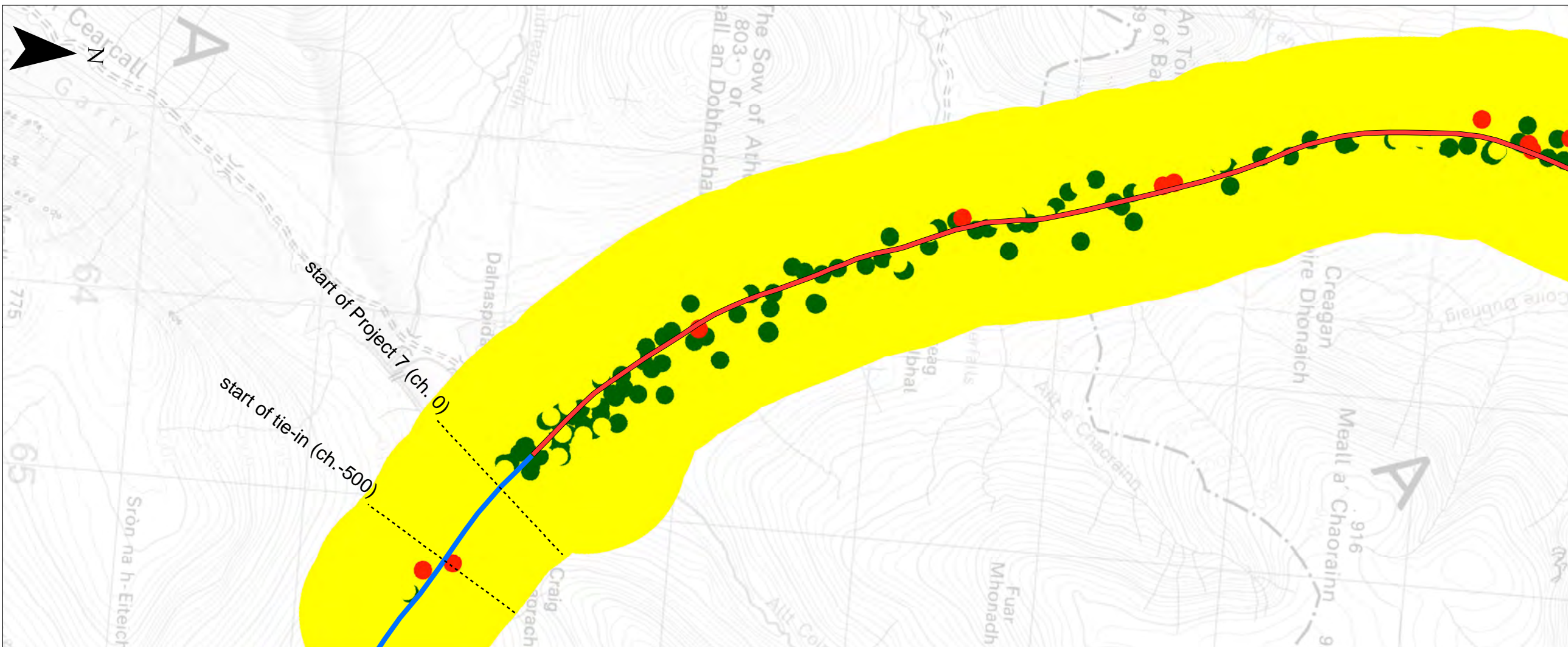
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.8
 LAND USE, ARTIFICIAL DRAINAGE AND
 ASSOCIATED HAZARD SCORES**

DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 24/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0017		
SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3

Document Path: \\garry\p1\Geospatial\Projects\A9_Dualling\10_Geology\Appendix10.5_Appendix10.5.8.mxd



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Substrate Hazard Score:

- 0
- 1
- 2

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.9
 SUBSTRATE AND ASSOCIATED HAZARD SCORES**

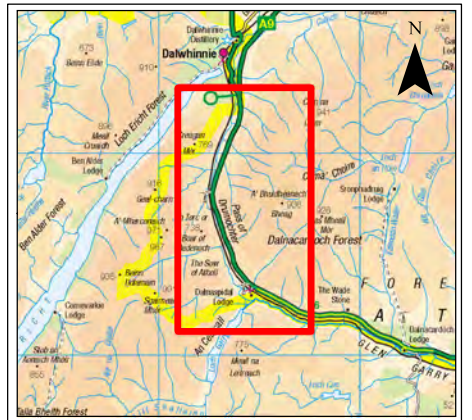
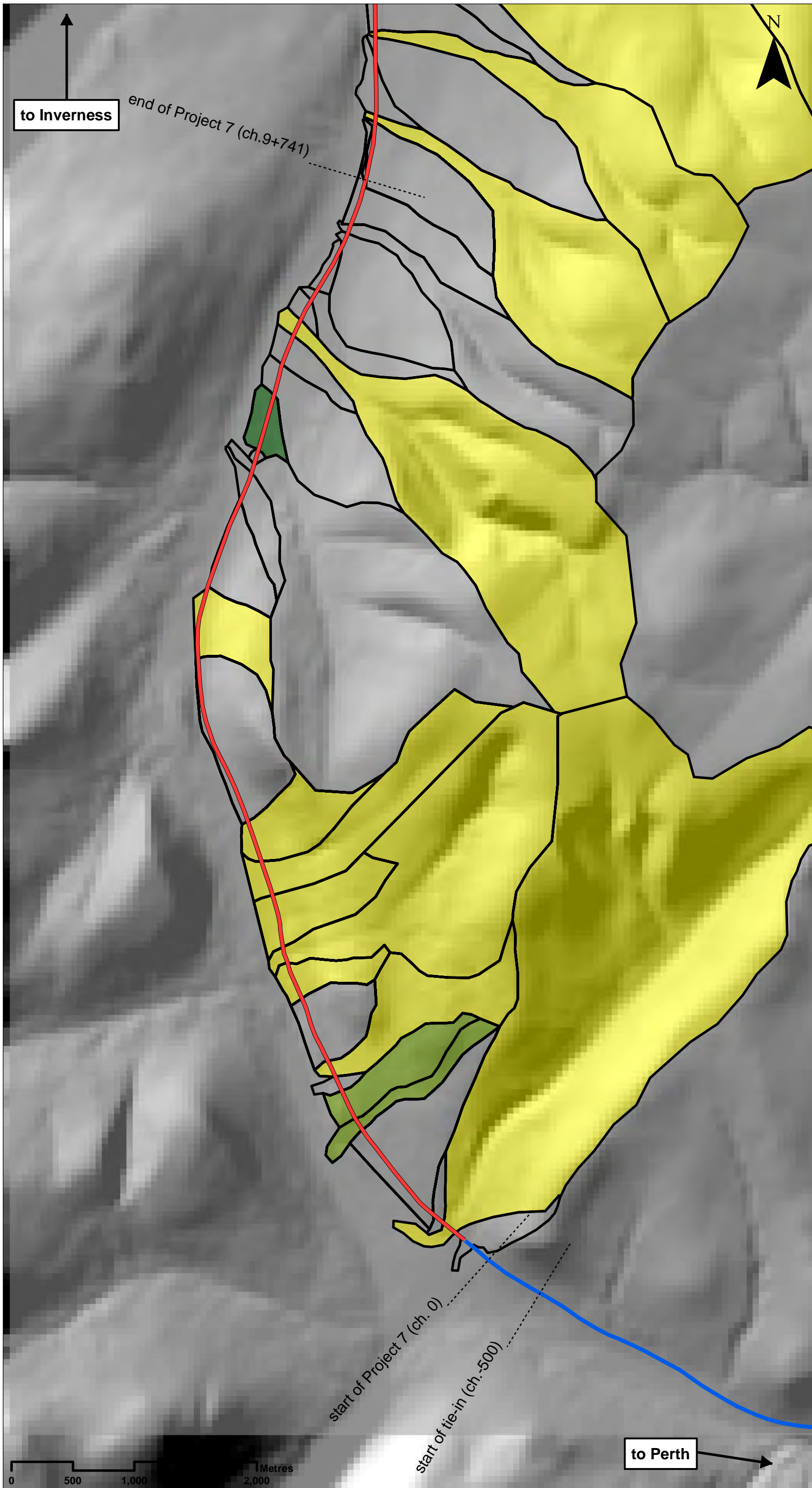
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 24/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0018

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Catchment Hazard Score:

- 0
- 1
- 2
- 3
- 4
- 5

Notes:
Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:30000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 CO: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

TRANSPORT SCOTLAND
A9 DUALLING
 PERTH TO INVERNESS
Over Garry to Dalwhinnie

**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.10
 CATCHMENT SCALE FEATURES AND
 HAZARD RANKING**

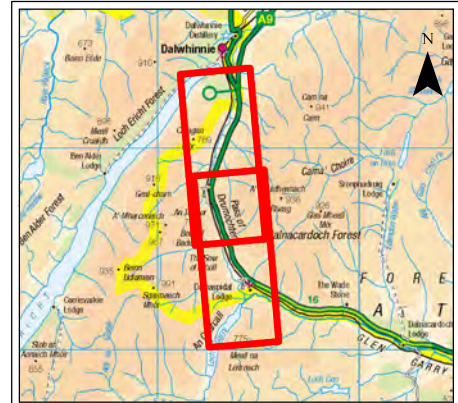
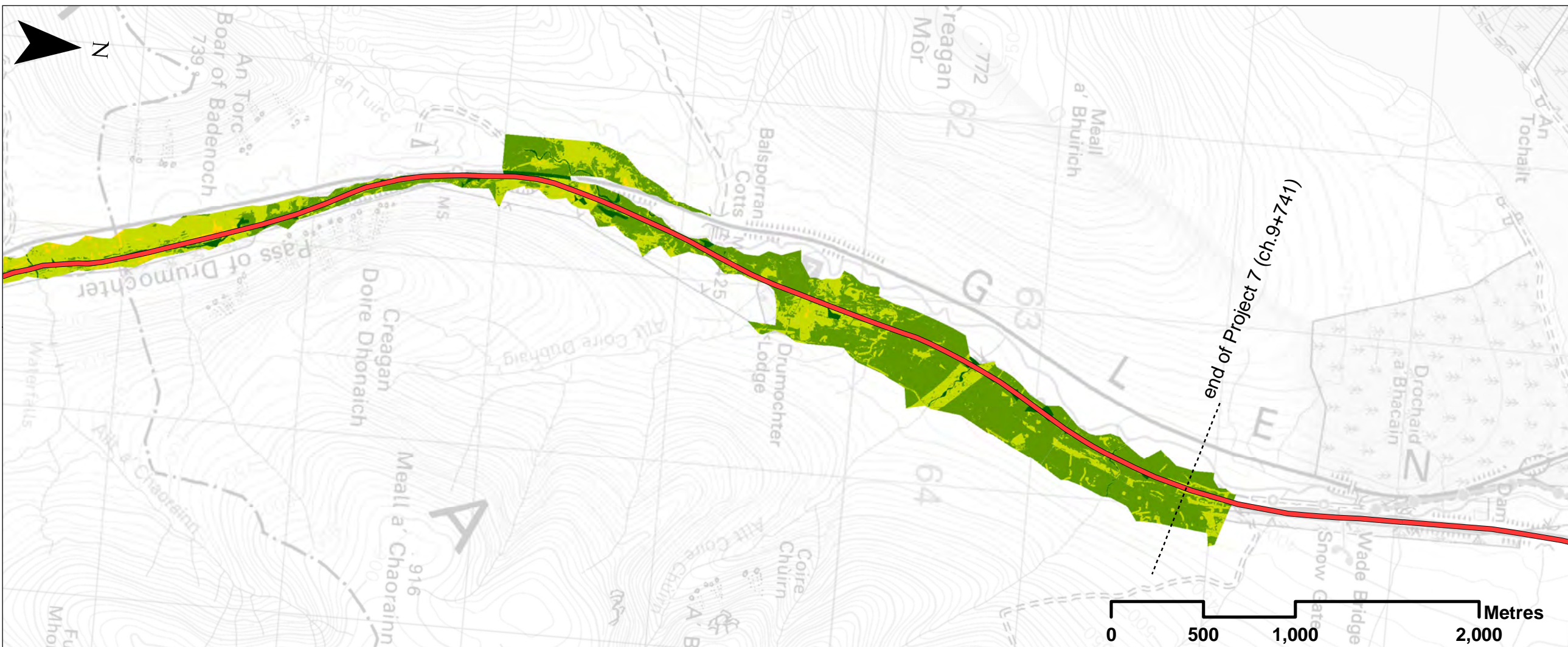
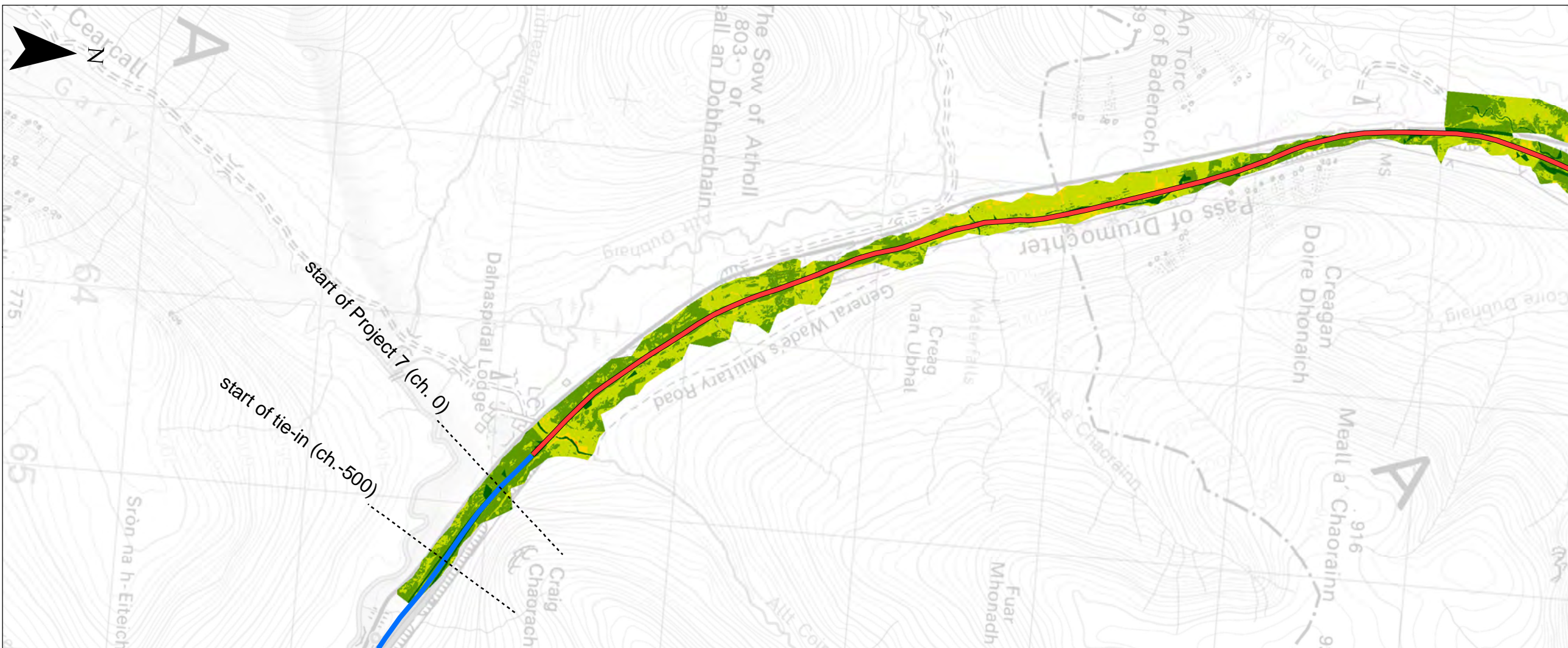
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 24/11/2017

PROJ: 495298
 DWG: A9P07-CF3-EGT-L_ZZZZZ_ZZ-DR-EN-0019

SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------





Legend

- Proposed Scheme Extents
- Existing Dualled
- Existing Single

CFJV-Derived Peat Slide Hazard Rating:

- █ Practically none
- █ Negligible
- █ Unlikely
- █ Possible
- █ Probable
- █ Almost certain

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.11
 COMBINED HAZARD SCORES
 (PEAT SLIDES)**

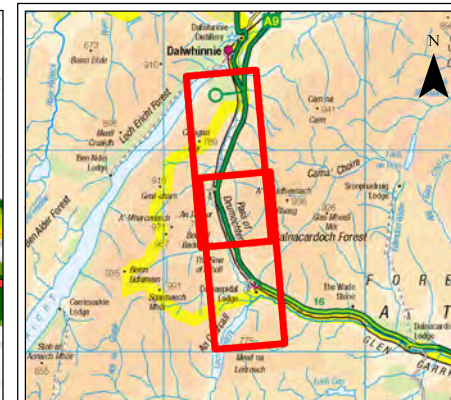
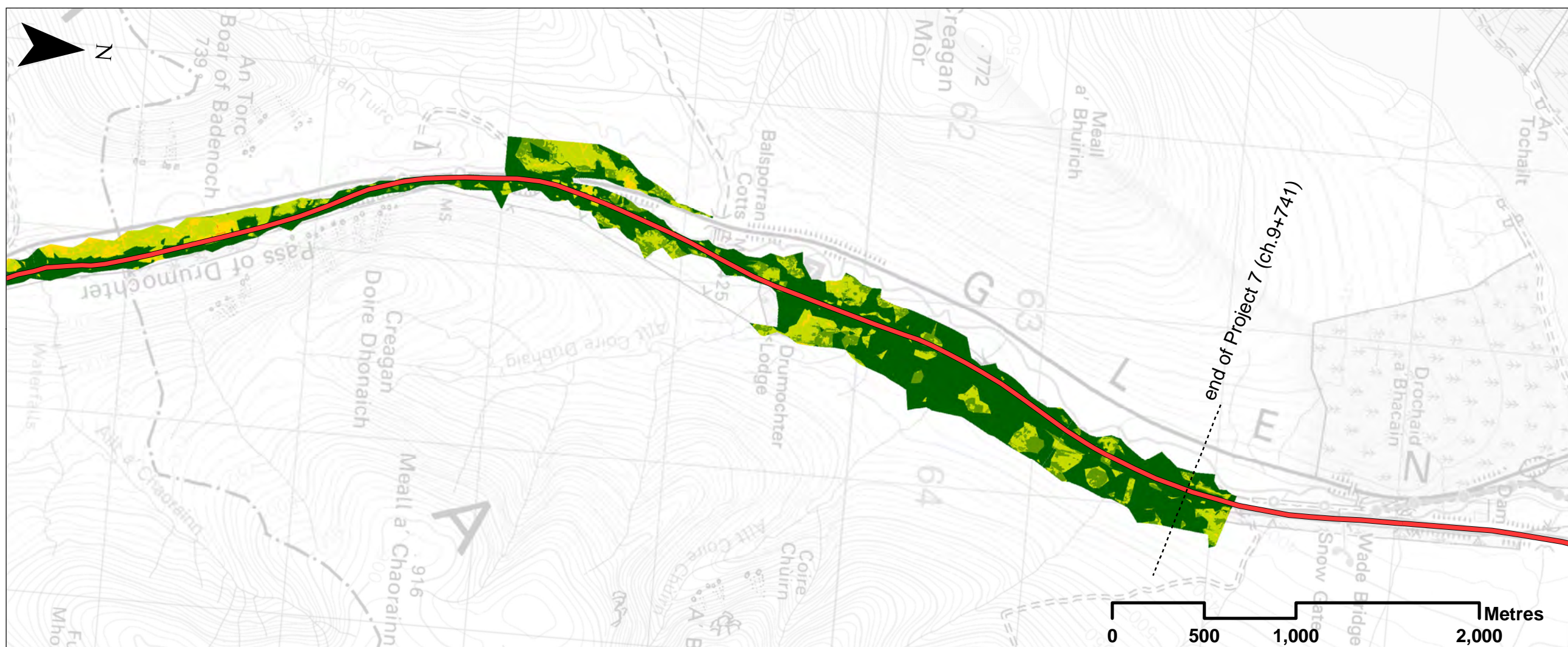
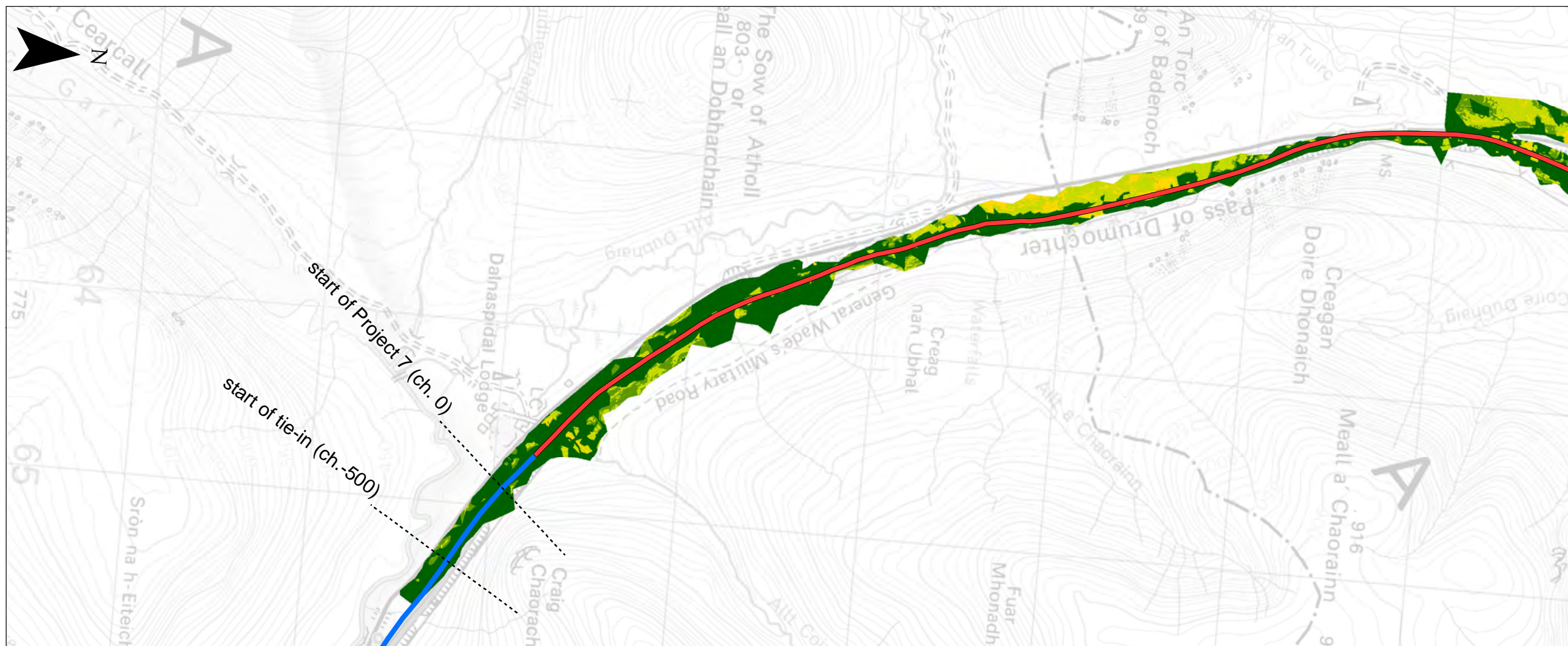
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 29/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0020

SHEET: 1 of 1	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------



Legend

..... Proposed Scheme Extents

— Existing Dualled

— Existing Single

CFJV-Derived Bog Burst Hazard Rating:

■ Practically none

■ Negligible

■ Unlikely

■ Possible

■ Probable

■ Almost certain

Notes:
Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

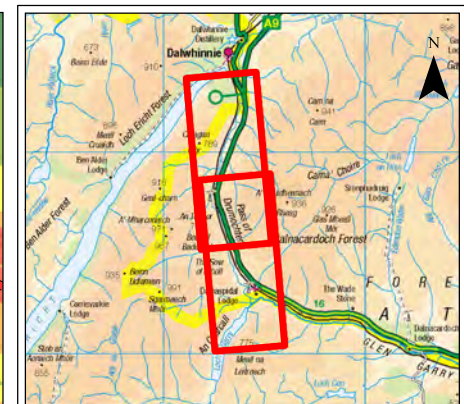
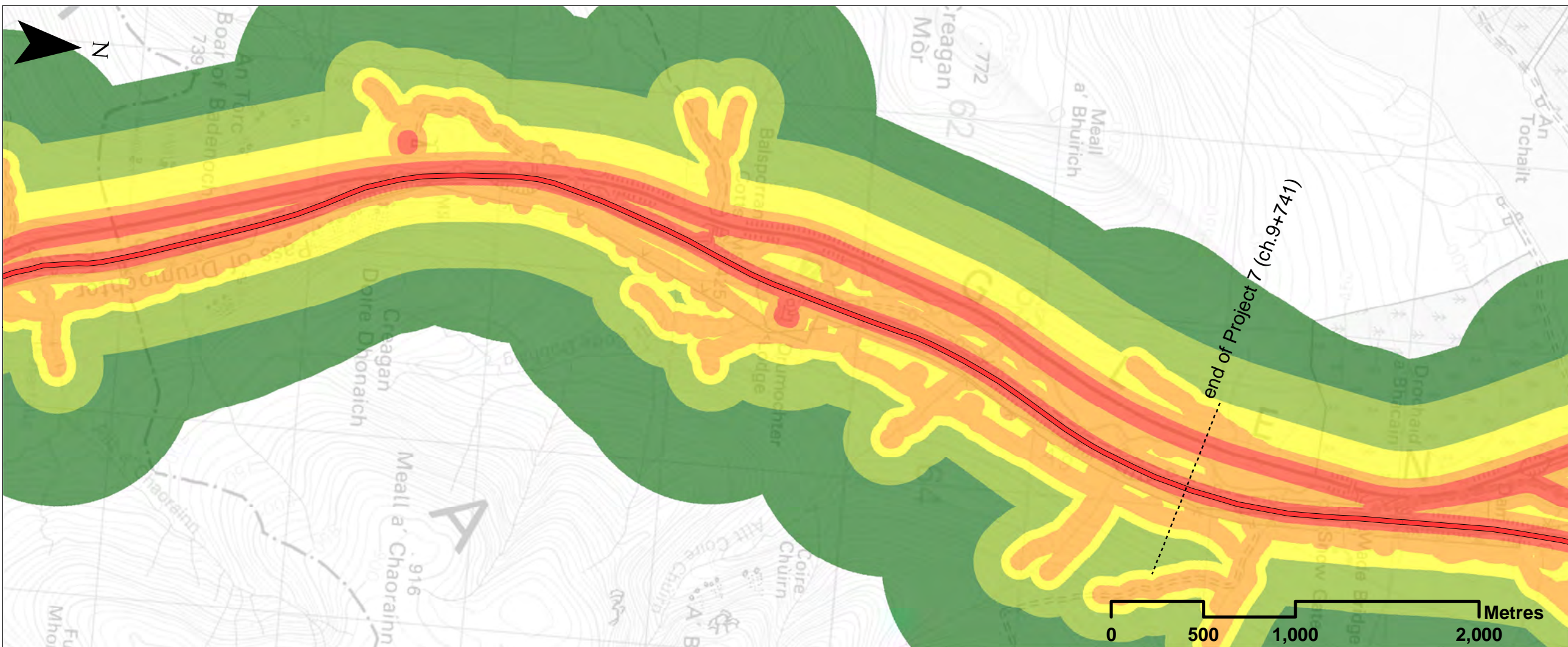
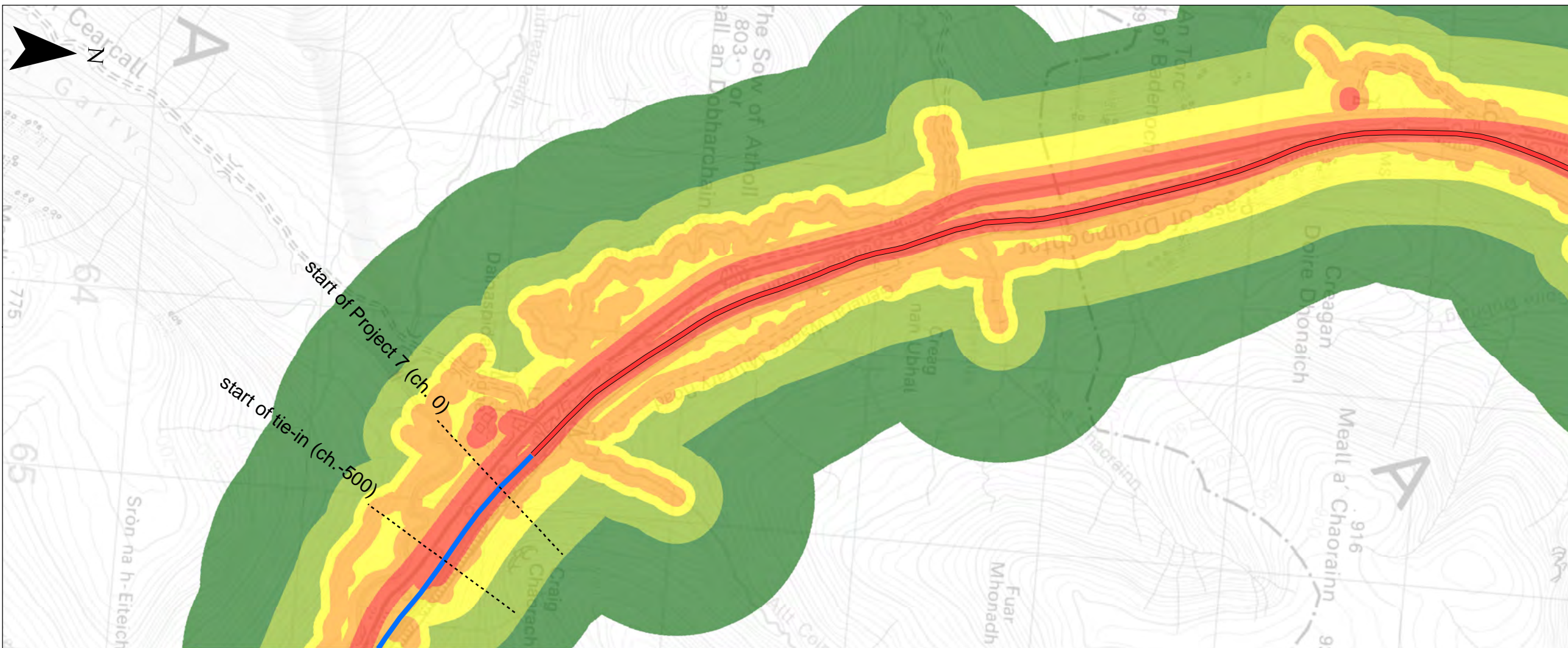


**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
BASELINE PLAN
DRAWING 10.5.12
COMBINED HAZARD SCORES
(BOG BURSTS)**

DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 29/11/2017
PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0021		
SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
 - Existing Dualled
 - Existing Single
- CFJV-Derived Peat Slide Consequence Score:**
- Very Low
 - Low
 - Moderate
 - High
 - Very High

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.13
 CONSEQUENCE SCORES (PEAT SLIDES)**

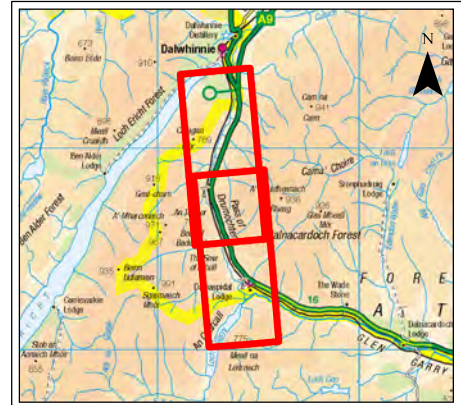
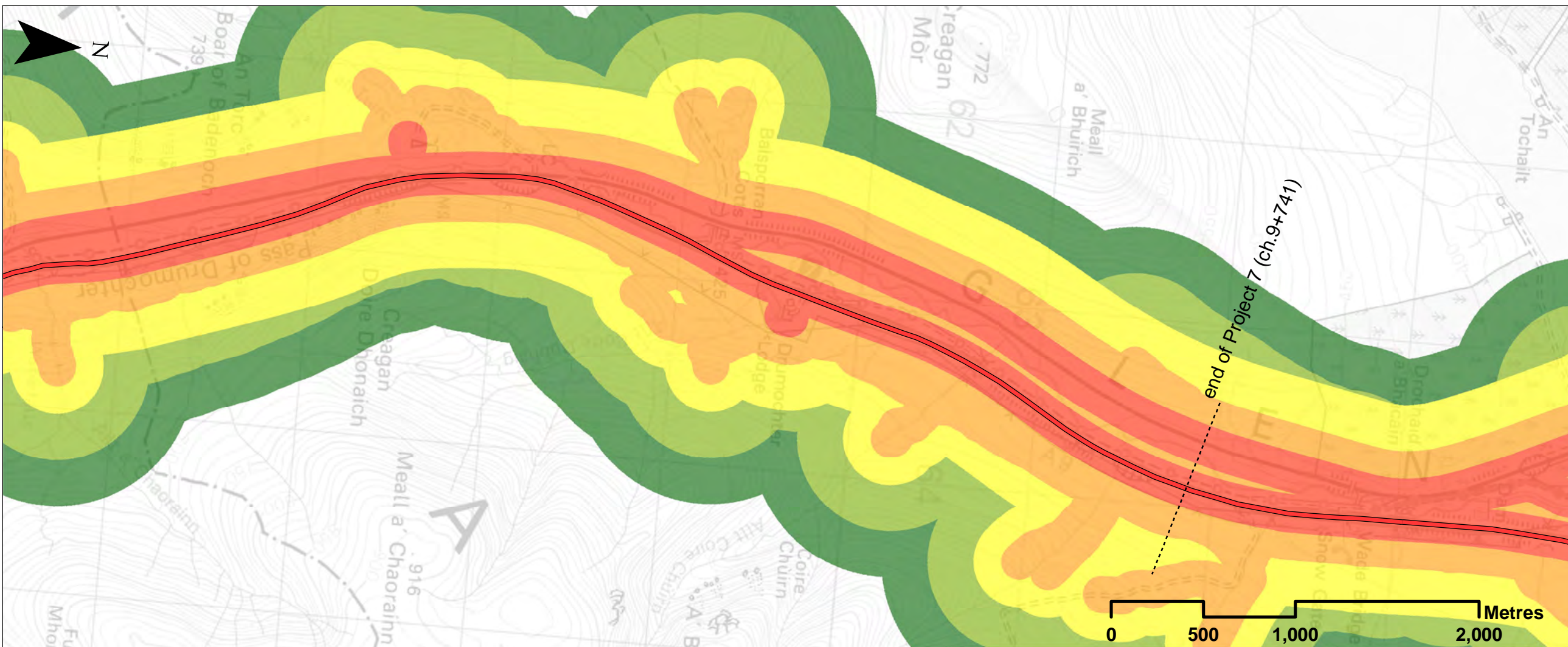
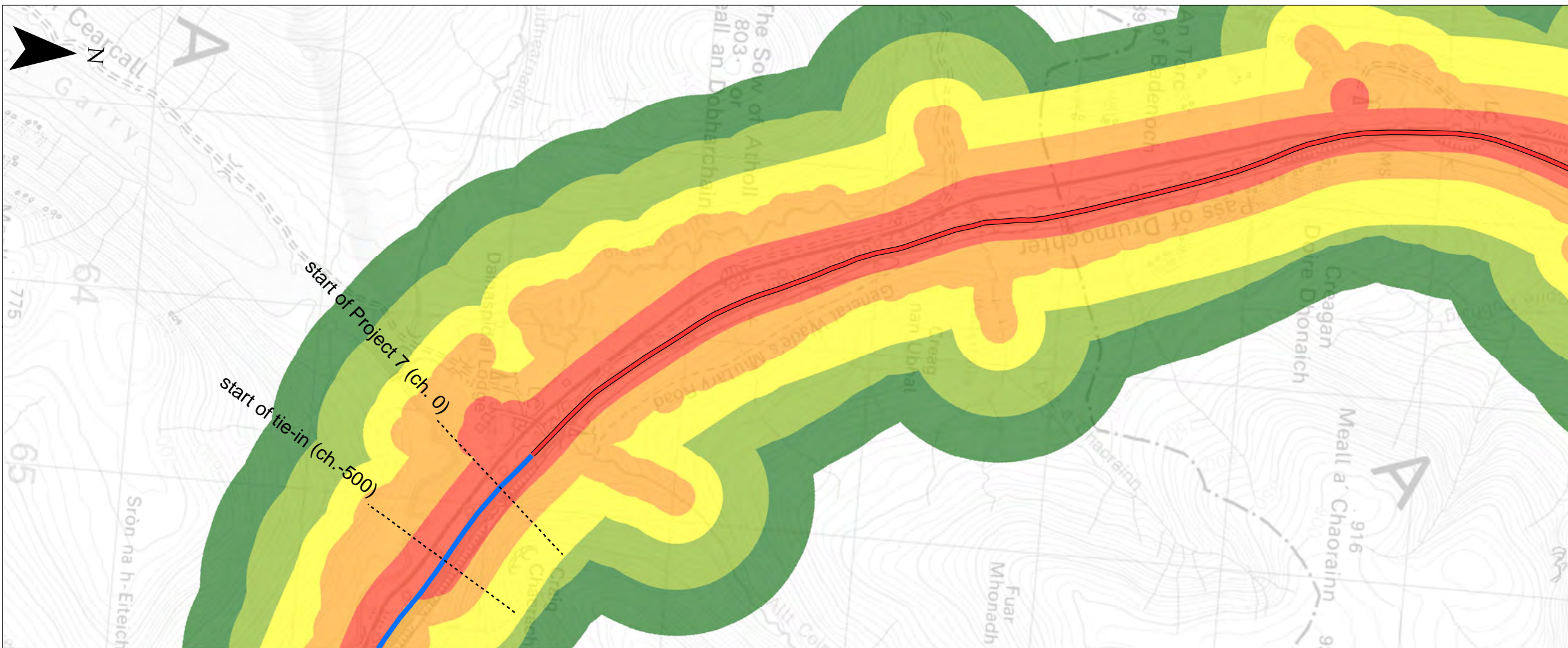
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 29/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0022

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Proposed Scheme Extents
 - Existing Dualled
 - Existing Single
- CFJV-Derived Bog Burst Consequence Score:**
- Very Low
 - Low
 - Moderate
 - High
 - Very High

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:25000

P02	S3	NOV 17	FINAL REVISIONS	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



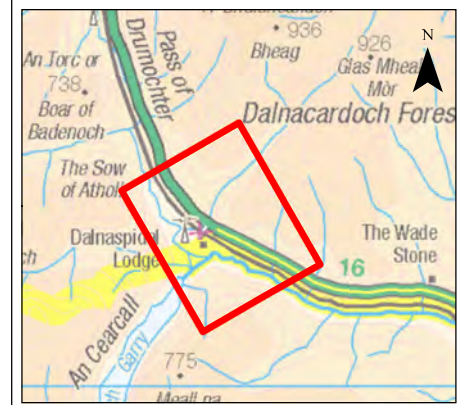
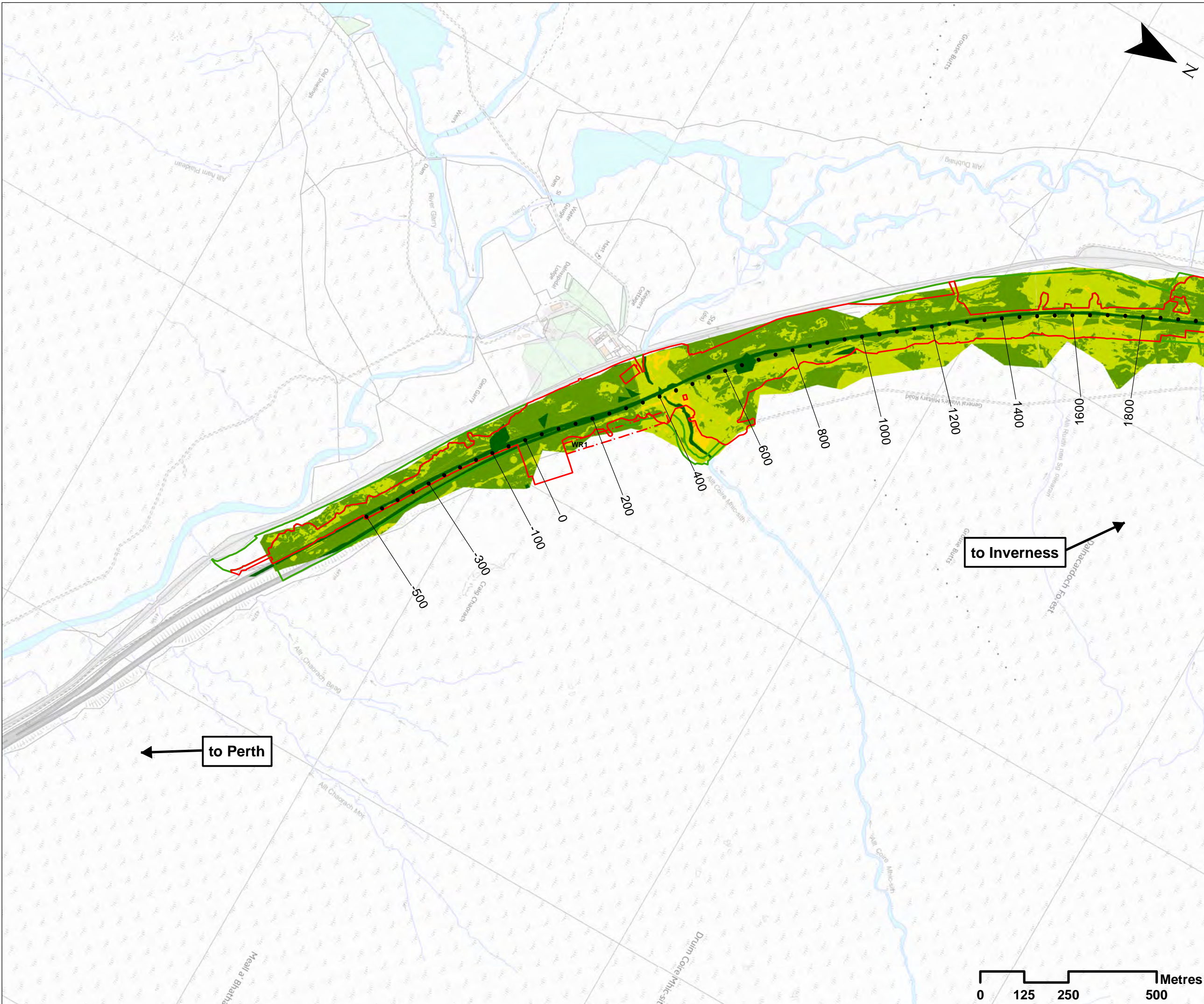
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 BASELINE PLAN
 DRAWING 10.5.14
 CONSEQUENCE SCORES (BOG BURSTS)**

DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

DATE: 29/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ZZZZZ_ZZ-DR-EN-0023

SHEET:	REVISION:	SUITABILITY:
1 of 1	C01	A3



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- WR 30m Winter Resilience Tree Belt (Indicative)

CFJV-Derived Peat Landslide Risk:

- Practically none
- Negligible
- Slight
- Moderate
- Substantial
- Serious

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:10000

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



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



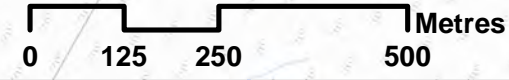
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.5.15
 PEAT LANDSLIDE RISK
 chainage -500 to 1800**

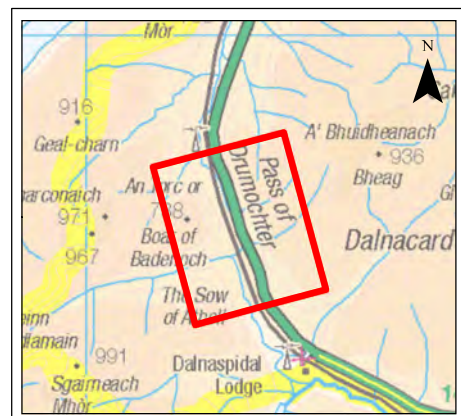
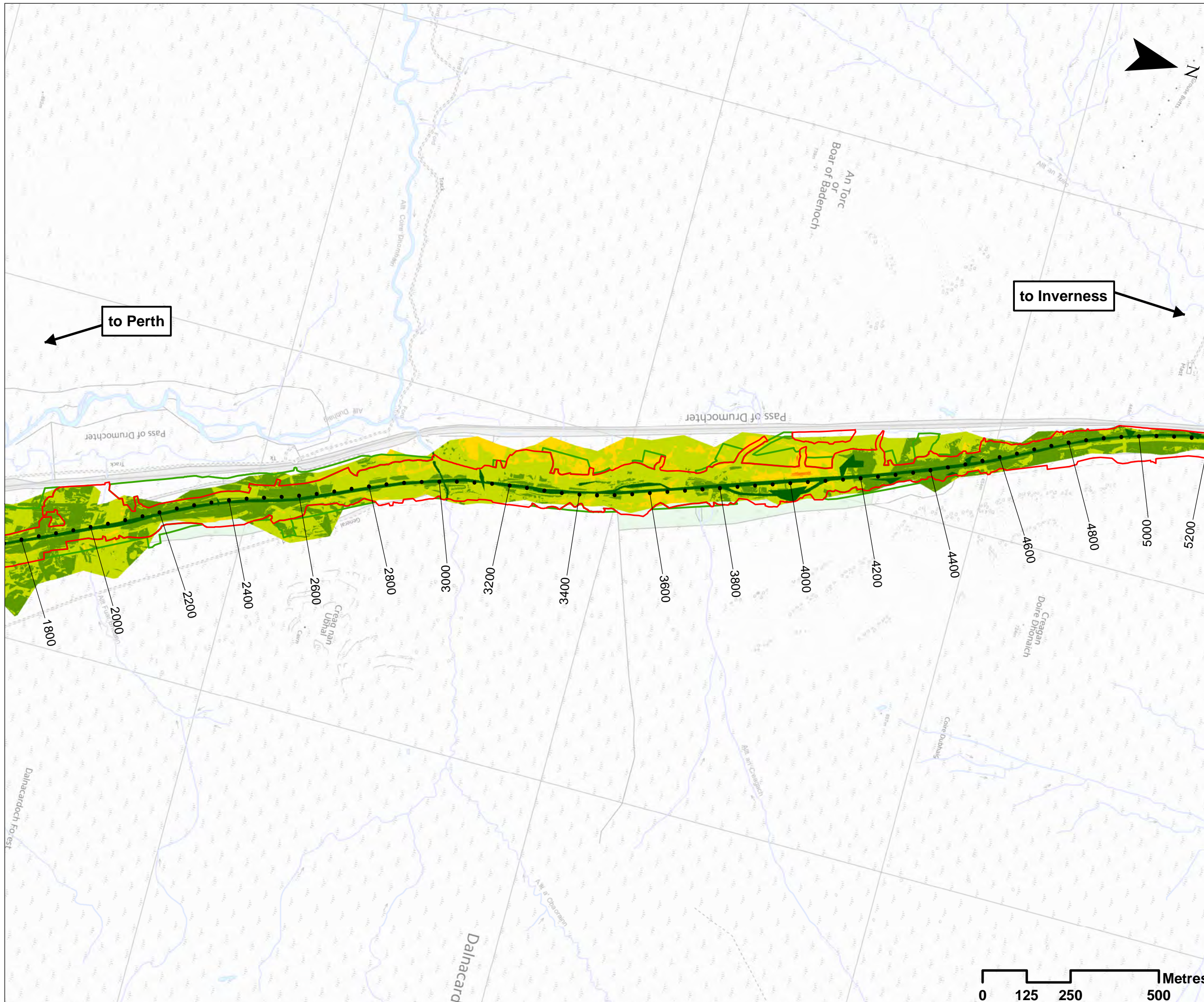
DESIGN: AB	DRAWN: OD	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 29/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0007

SHEET: 1 OF 4	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------





Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

CFJV-Derived Peat Landslide Risk Rating:

- Practically none
- Negligible
- Slight
- Moderate
- Substantial
- Serious

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:10000

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



CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.5.16
 PEAT LANDSLIDE RISK
 chainage 1800 to 5000**

DESIGN: AB	DRAWN: OD	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 29/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0002

SHEET: 2 OF 4	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------



Document Path: \\g:\p07\Geospatial\Projects\A9_Dualling\A9_Dualling\A9P07\Chapter_10_Geology\Appendix10.5_Appendix10.5.16.v2.mxd

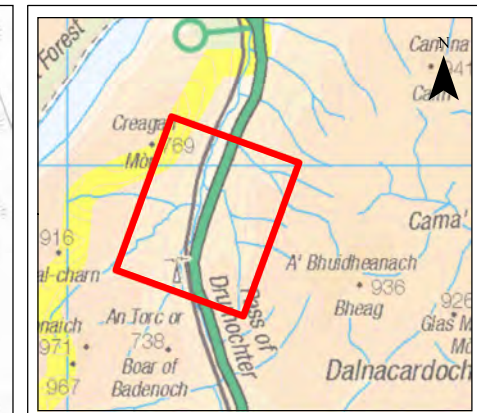


to Perth

to Inverness

Ruchbach
N

5000
5200
5400
5600
5800
6000
6200
6400
6099
6089
6007
7200
7400
7600
7800
8000
8028



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

CFJV-Derived Peat Landslide Risk Rating:

- Practically none
- Negligible
- Slight
- Moderate
- Substantial
- Serious

Notes:
Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:10000

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

ch2m. FAIRHURST
CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.5.17
PEAT LANDSLIDE RISK
chainage 5000 to 8200**

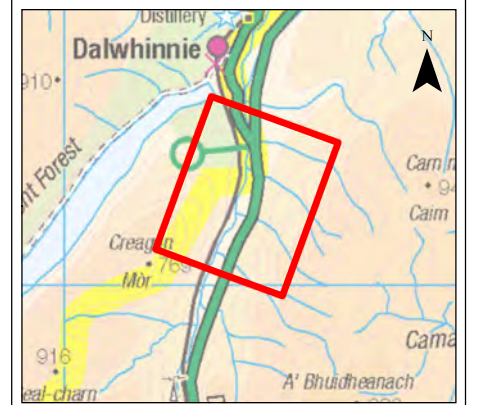
DESIGN: AB	DRAWN: OD	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 29/11/2017
PROJ: 495298
DWG: A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0002

SHEET: 3 OF 4	REVISION: C01	SUITABILITY: A3
------------------	------------------	--------------------



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



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- CFJV-Derived Peat Landslide Risk Rating:**
- Practically none
- Negligible
- Slight
- Moderate
- Substantial
- Serious

Notes:
 Hazard, consequence and risk scores have been derived by CFJV based on the quantitative and semi-quantitative assessments presented in the Preliminary Peat Landslide Risk Assessment in Appendix 10.5 (Volume 2). Reference should therefore be made to this as necessary.

SCALE 1:10000

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

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.5.18
 PEAT LANDSLIDE RISK
 chainage 8200 to 9741**

DESIGN: AB	DRAWN: OD	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 29/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML082 ZZ-DR-EN-0002		
SHEET: 4 OF 4	REVISION: C01	SUITABILITY: A3

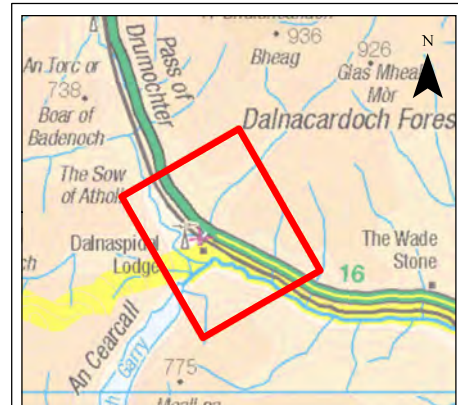
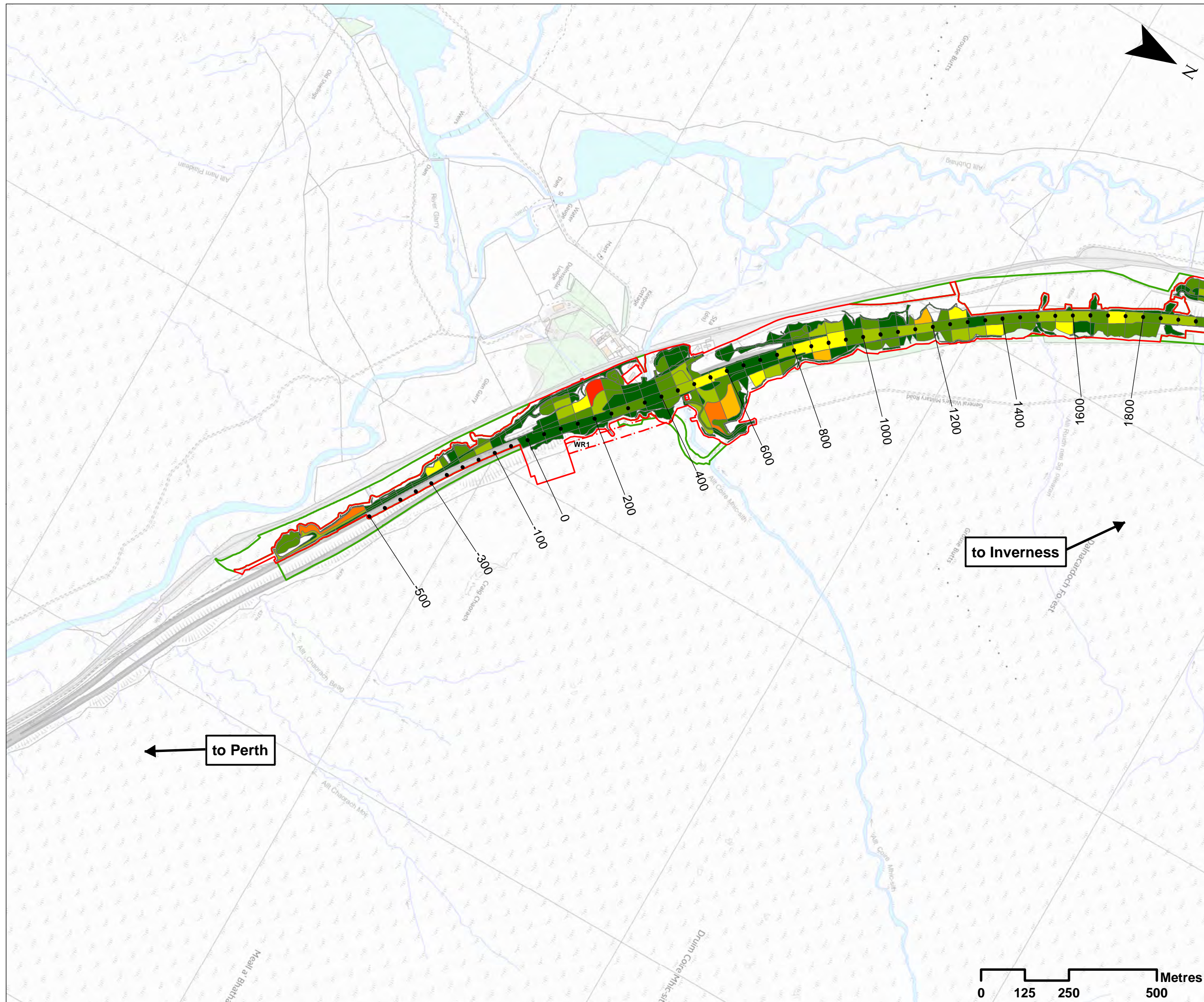


Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right. All rights reserved. Transport Scotland Licence number 100046668, 2017

Document Path: \\g:\p07\Geospatial\Projects\A9_Dualling\A9_P07\EGT-L ML082 ZZ-DR-EN-0002\Appendix10.5_Appendix10.5.18.v2.mxd

Geology, Soils and Groundwater - Appendix 10.6 Outline Peat Management Plan

Drawing No.	Drawing Type	Drawing Title	Projectwise Drawing Reference	Software
10.6.1	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (PEATY SOIL) ch. -500 to 1,800	A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0008	GIS
10.6.2	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT) ch. -500 to 1,800	A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0009	GIS
10.6.3	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (DEEP PEAT) ch. -500 to 1,800	A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0010	GIS
10.6.4	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (PEATY SOIL) ch. 1,800 to 5,000	A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0003	GIS
10.6.5	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT) ch. 1,800 to 5,000	A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0004	GIS
10.6.6	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (DEEP PEAT) ch. 1,800 to 5,000	A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0005	GIS
10.6.7	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (PEATY SOIL) ch. 5,000 to 8,200	A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0003	GIS
10.6.8	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT) ch. 5,000 to 8,200	A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0004	GIS
10.6.9	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (DEEP PEAT) ch. 5,000 to 8,200	A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0005	GIS
10.6.10	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (PEATY SOIL) ch. 8,200 to 9,741	A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0003	GIS
10.6.11	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT) ch. 8,200 to 9,741	A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0004	GIS
10.6.12	ASSESSMENT PLAN	RESIDUAL EXCAVATION VOLUMES (DEEP PEAT) ch. 8,200 to 9,741	A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0005	GIS



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- WR 30m Winter Resilience Tree Belt (Indicative)

Peaty Soil Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

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



ch2m FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.6.1
 RESIDUAL EXCAVATION VOLUMES (PEATY SOIL)
 chainage -500 to 1800**

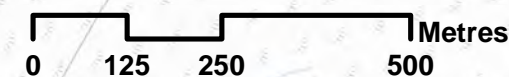
DESIGN:	DRAWN:	CHK:	APP:
AB	HA	CK	JF

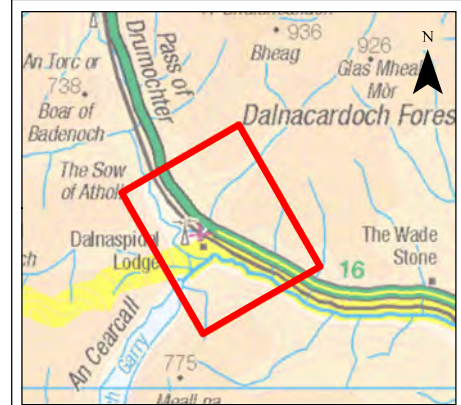
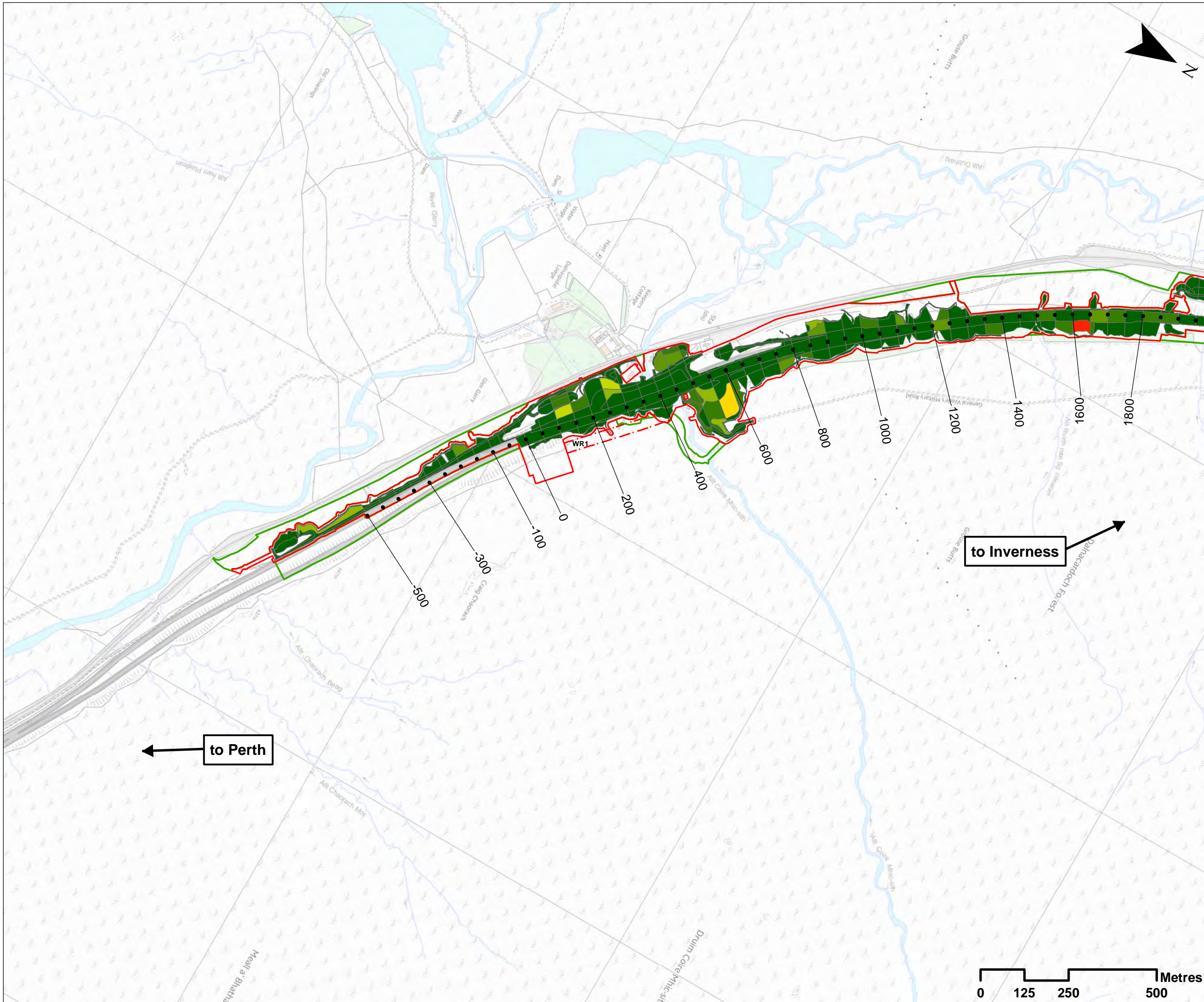
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML000 ZZ-DR-EN-0008

SHEET:	REVISION:	SUITABILITY:
1 OF 12	C01	A3





Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works
- 30m Winter Resilience Tree Belt (Indicative)

Shallow Peat Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800
- 800 - 900
- 900 - 1000
- >1000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

REV	SUI	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF

ch2m. FAIRHURST

CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.2
RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT)
chainage -500 to 1800**

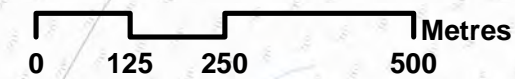
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

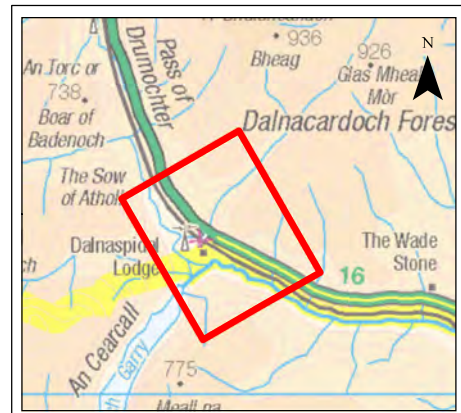
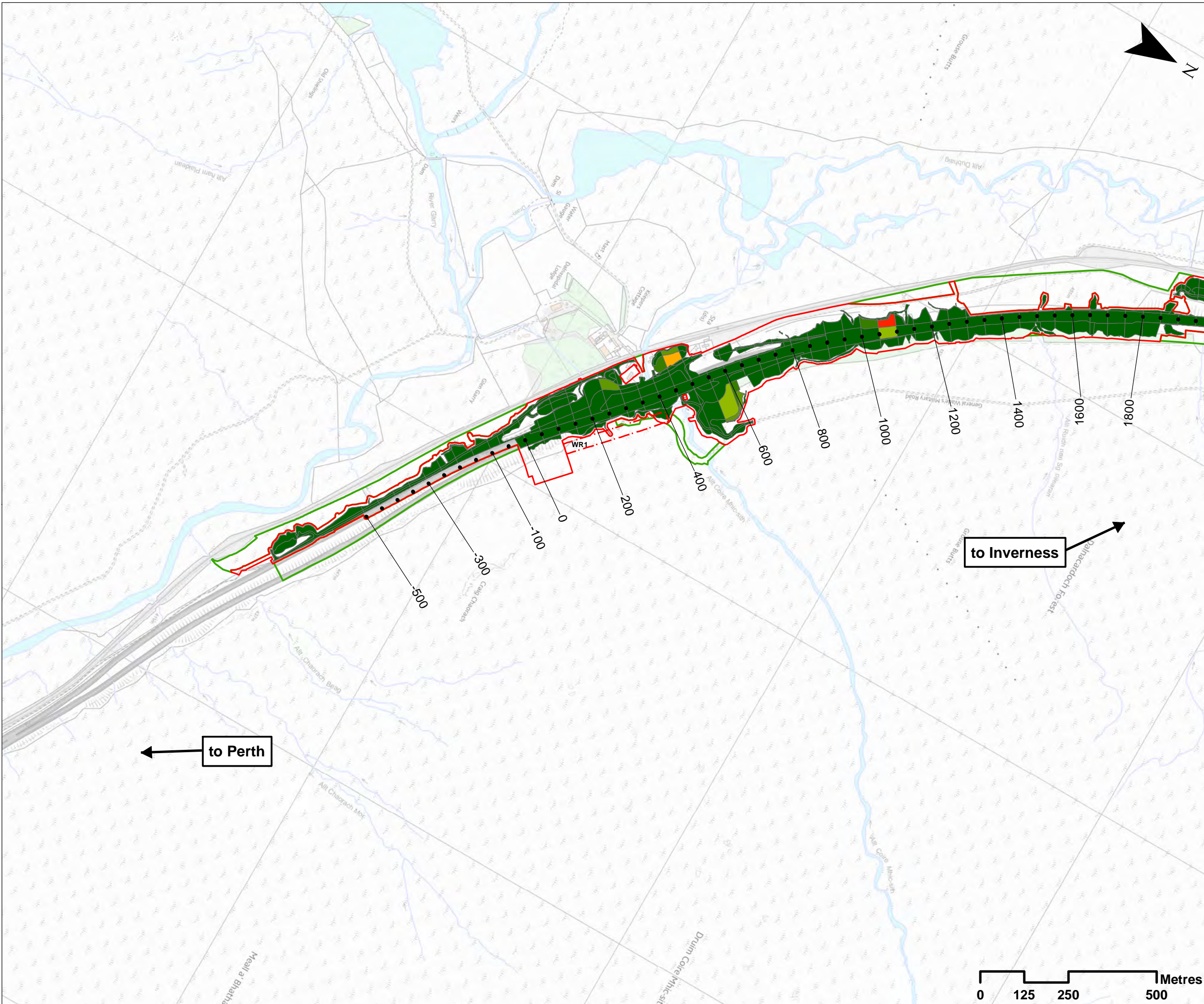
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0009

SHEET: 2 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------





- Legend**
- Assessment Boundary - Permanent Works
 - Assessment Boundary - Temporary Works
 - 30m Winter Resilience Tree Belt (Indicative)
- Deep Peat Excavation Volume (m3):**
- 0 - 200
 - 200 - 400
 - 400 - 600
 - 600 - 800
 - 800 - 1000
 - 1000 - 1200
 - 1200 - 1400
 - 1400 - 1600
 - 1600 - 1800
 - 1800 - 2000
 - >2000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

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

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525

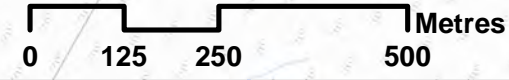


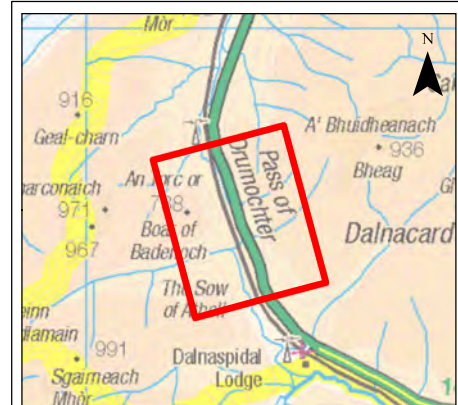
PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.3
RESIDUAL EXCAVATION VOLUMES (DEEP PEAT)
chainage -500 to 1800

DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017
 PROJ: 495298
 DWG: A9P07-CFJ-EGT-L_ML000_ZZ-DR-EN-0010

SHEET: 3 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------





Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Peaty Soil Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700

Note: The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
 ASSESSMENT PLAN
 DRAWING 10.6.4
 RESIDUAL EXCAVATION VOLUMES (PEATY SOIL)
 chainage 1800 to 5000**

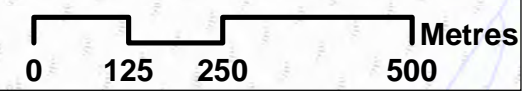
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017

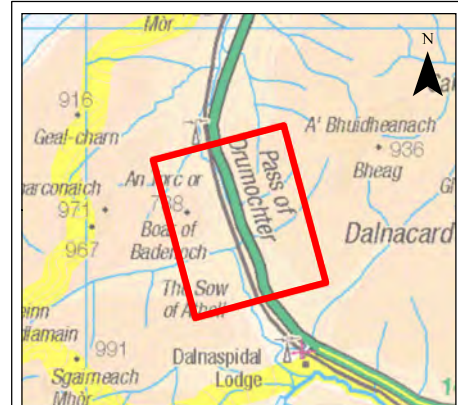
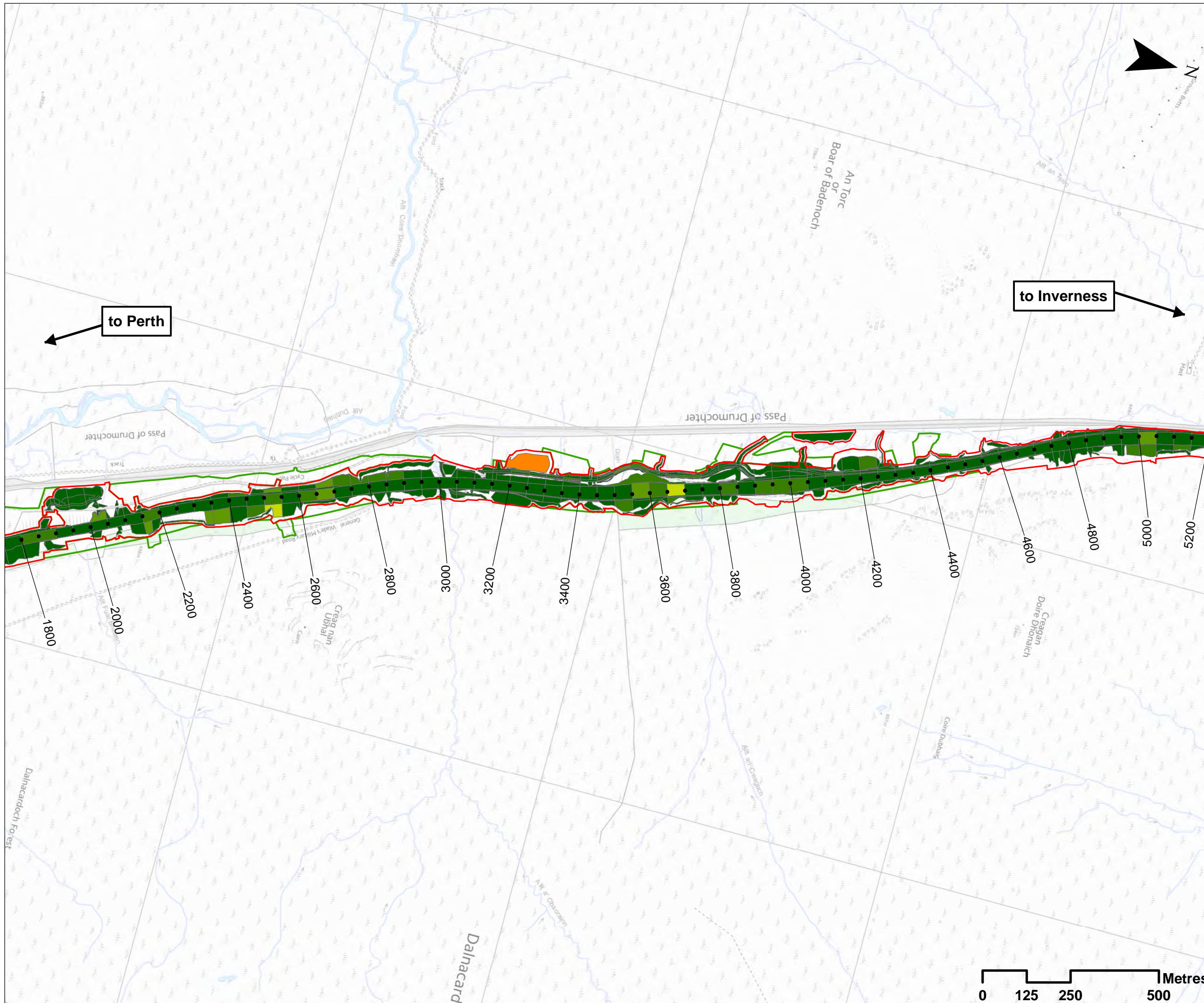
PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML018 ZZ-DR-EN-0003

SHEET: 4 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------



Document Path: \\g:\p07\Geospatial\Projects\A9_Dualling\A9_Dualling\A9P07\Chapter_10_Geology\Appendix10.6_A9P07.mxd



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Shallow Peat Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800
- 800 - 900
- 900 - 1000
- >1000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT
DRAWING 10.6.5
RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT)
chainage 1800 to 5000**

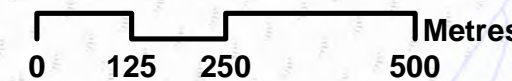
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

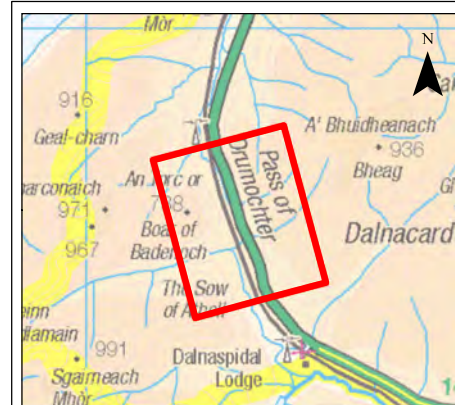
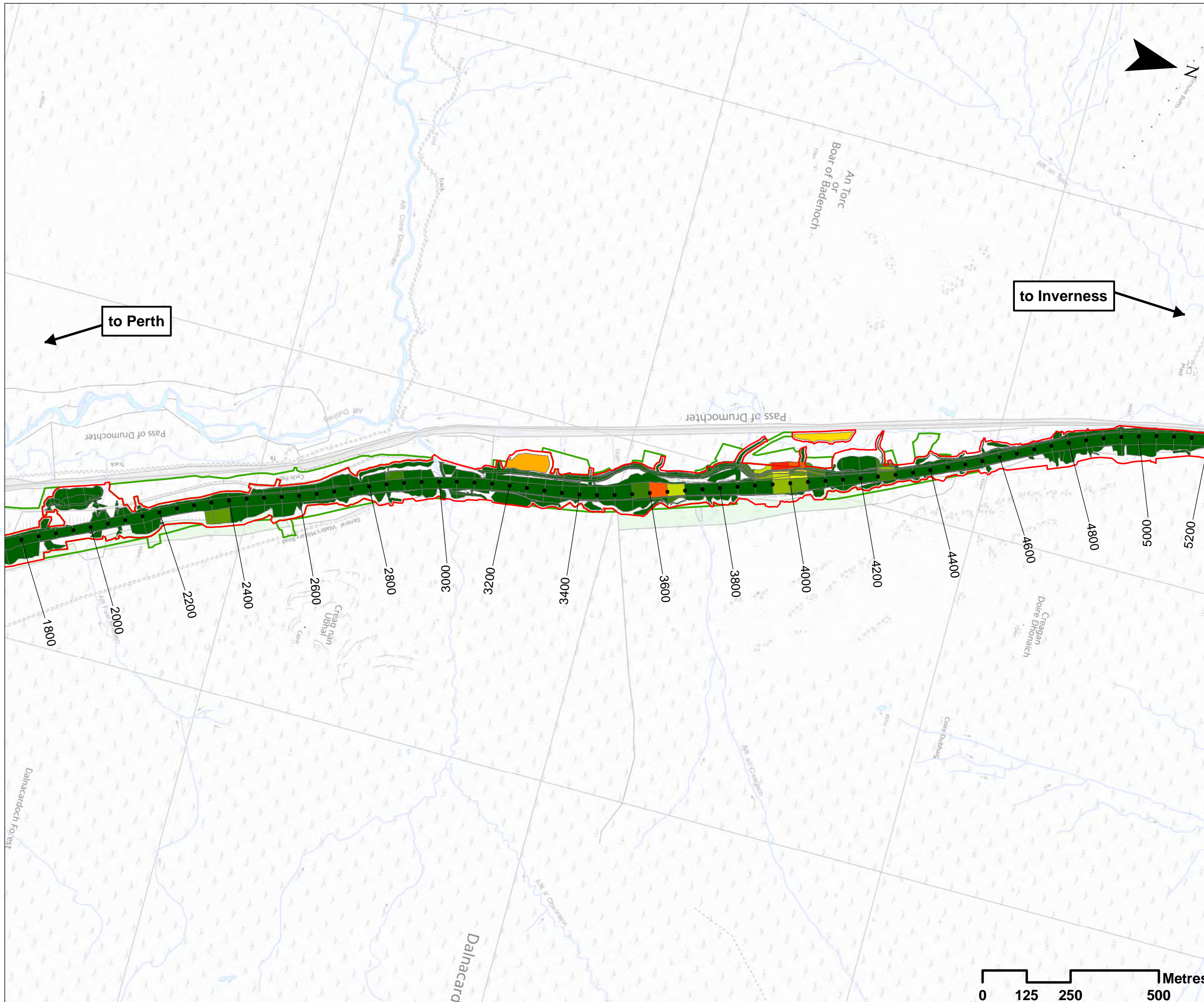
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML018_ZZ-DR-EN-0004

SHEET: 5 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------





Legend

Assessment Boundary - Permanent Works

Assessment Boundary - Temporary Works

Deep Peat Excavation Volume (m3)

- 0 - 200
- 200 - 400
- 400 - 600
- 600 - 800
- 800 - 1000
- 1000 - 1200
- 1200 - 1400
- 1400 - 1600
- 1600 - 1800
- 1800 - 2000
- >2000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.6
RESIDUAL EXCAVATION VOLUMES (DEEP PEAT)
chainage 1800 to 5000**

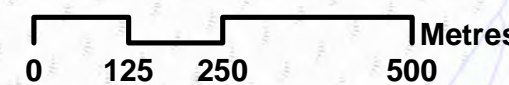
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

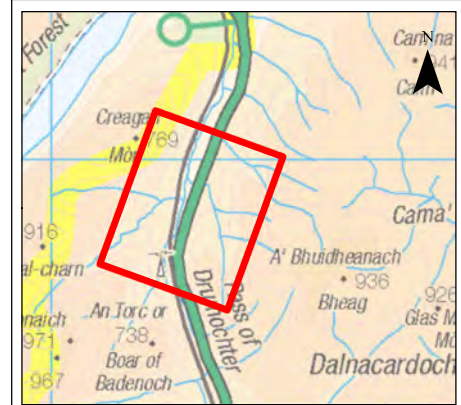
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML018 ZZ-DR-EN-0005

SHEET: 6 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------





Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Peaty Soil Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.7
RESIDUAL EXCAVATION VOLUMES (PEATY SOIL)
chainage 5000 to 8200**

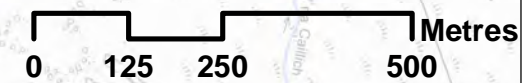
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

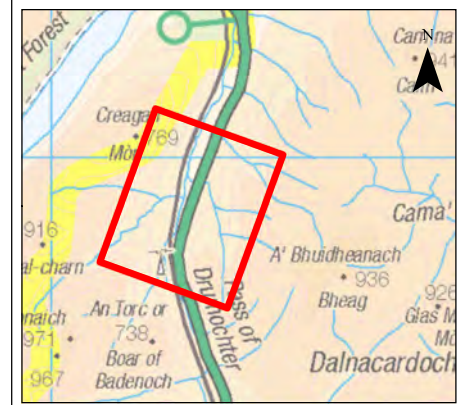
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0003

SHEET: 7 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------

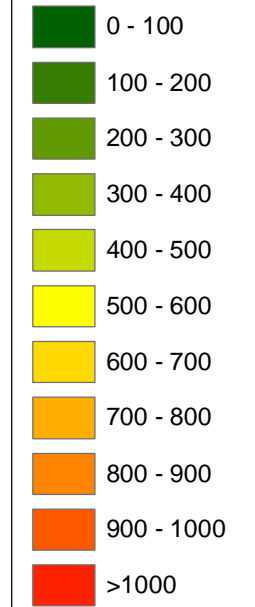




Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Shallow Peat Excavation Volume (m3):



Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

REV	SUI	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.8
RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT)
chainage 5000 to 8200**

DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017

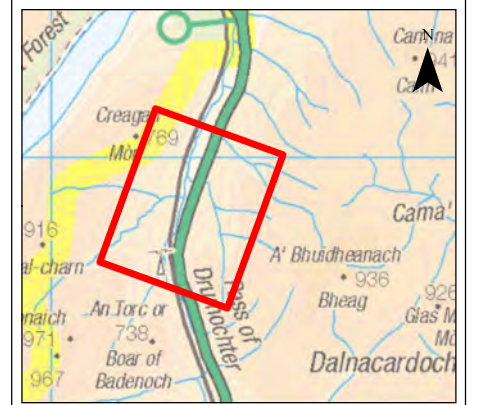
PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0004

SHEET: 8 OF 12	REVISION: C01	SUITABILITY: A3
-------------------	------------------	--------------------



Document Path: \\garp071\geospatial\Projects\A9_Dualling\A9_Dualling_05\DMR\B3W_2_Maps\907\Chapter_10_Geology\Appendix10.6_Appendix10.6.8.mxd



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Deep Peat Excavation Volume (m3):

- 0 - 200
- 200 - 400
- 400 - 600
- 600 - 800
- 800 - 1000
- 1000 - 1200
- 1200 - 1400
- 1400 - 1600
- 1600 - 1800
- 1800 - 2000
- >2000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m: FAIRHURST
 CH2MHILL Fairhurst JV
 C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
 Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



PROJECT 7 GLEN GARRY TO DALWHINNIE EIA ASSESSMENT PLAN DRAWING 10.6.9 RESIDUAL EXCAVATION VOLUMES (DEEP PEAT) chainage 5000 to 8200

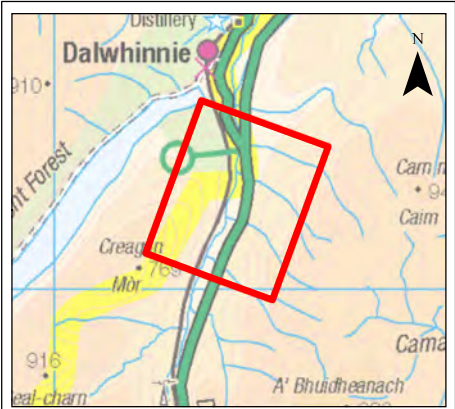
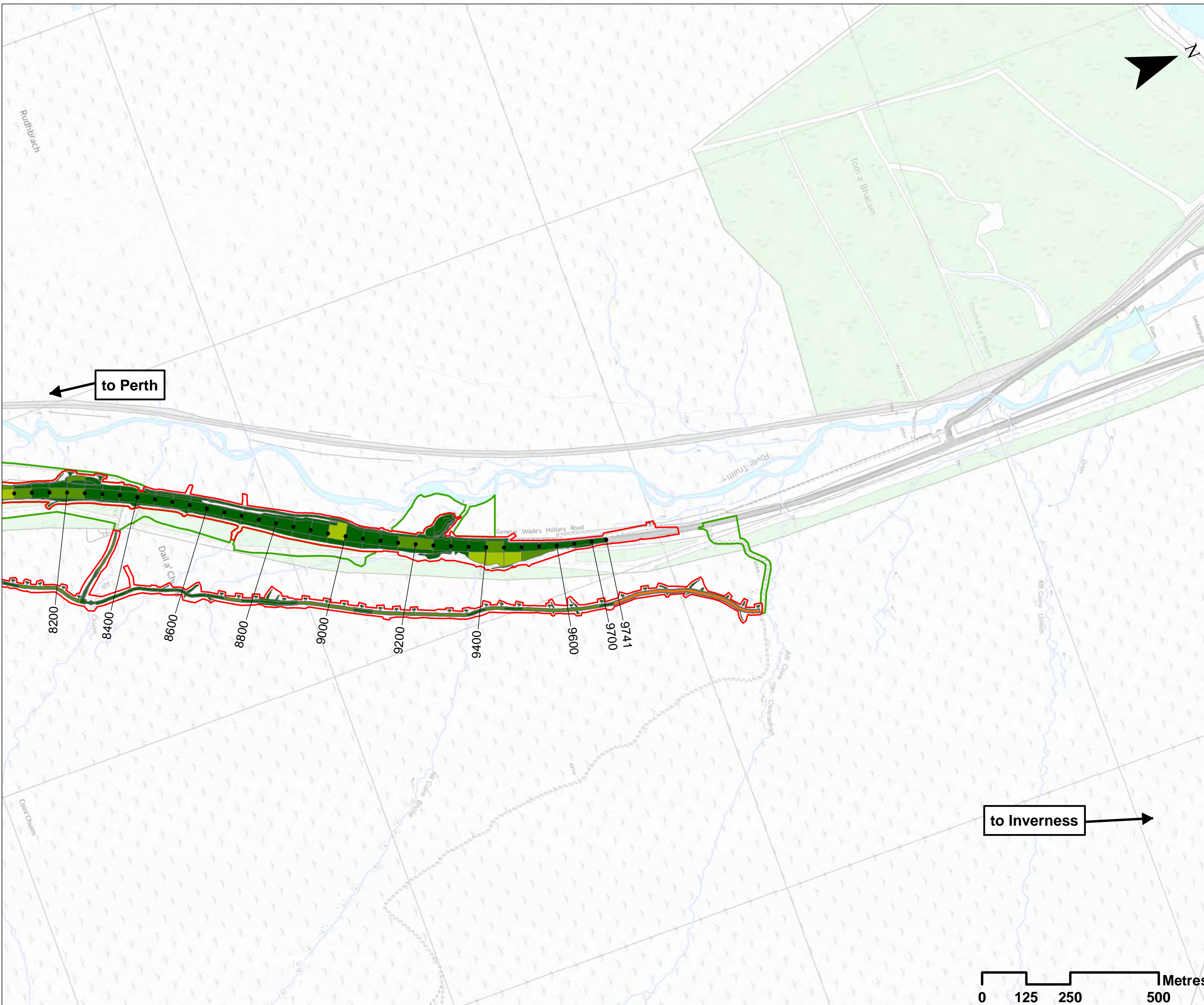
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
------------	-----------	---------	---------

DATE: 28/11/2017
 PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML050_ZZ-DR-EN-0005

SHEET: 9 OF 12	REVISION: C01	SUITABILITY: A3
----------------	---------------	-----------------





Legend

- ▭ Assessment Boundary - Permanent Works
- ▭ Assessment Boundary - Temporary Works

Peaty Soil Excavation Volume (m3):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

REV	SUI	DATE	DESCRIPTION	HA	JF
P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF

ch2m. FAIRHURST

CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.10
RESIDUAL EXCAVATION VOLUMES (PEATY SOIL)
chainage 8200 to 9741

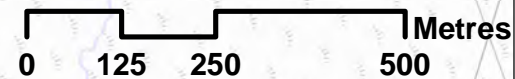
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

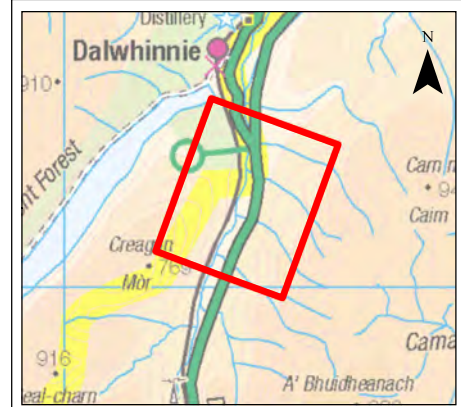
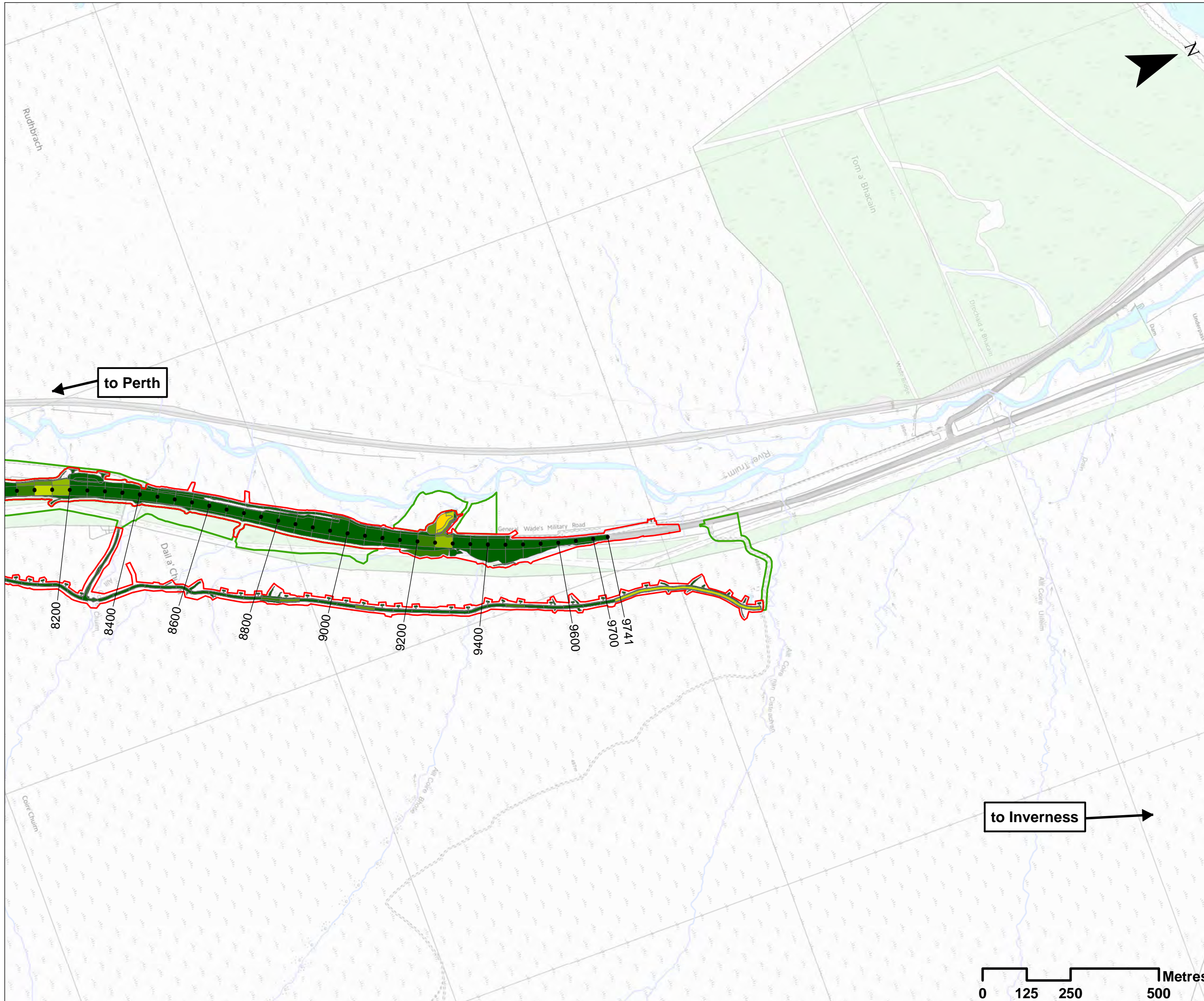
DATE: 28/11/2017

PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML082 ZZ-DR-EN-0003

SHEET: 10 OF 12	REVISION: C01	SUITABILITY: A3
--------------------	------------------	--------------------





Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Shallow Peat Excavation Volume (m³):

- 0 - 100
- 100 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- 500 - 600
- 600 - 700
- 700 - 800
- 800 - 900
- 900 - 1000
- >1000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP



CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G3 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



PROJECT 7 GLEN GARRY TO DALWHINNIE EIA ASSESSMENT PLAN DRAWING 10.6.11 RESIDUAL EXCAVATION VOLUMES (SHALLOW PEAT) chainage 8200 to 9741

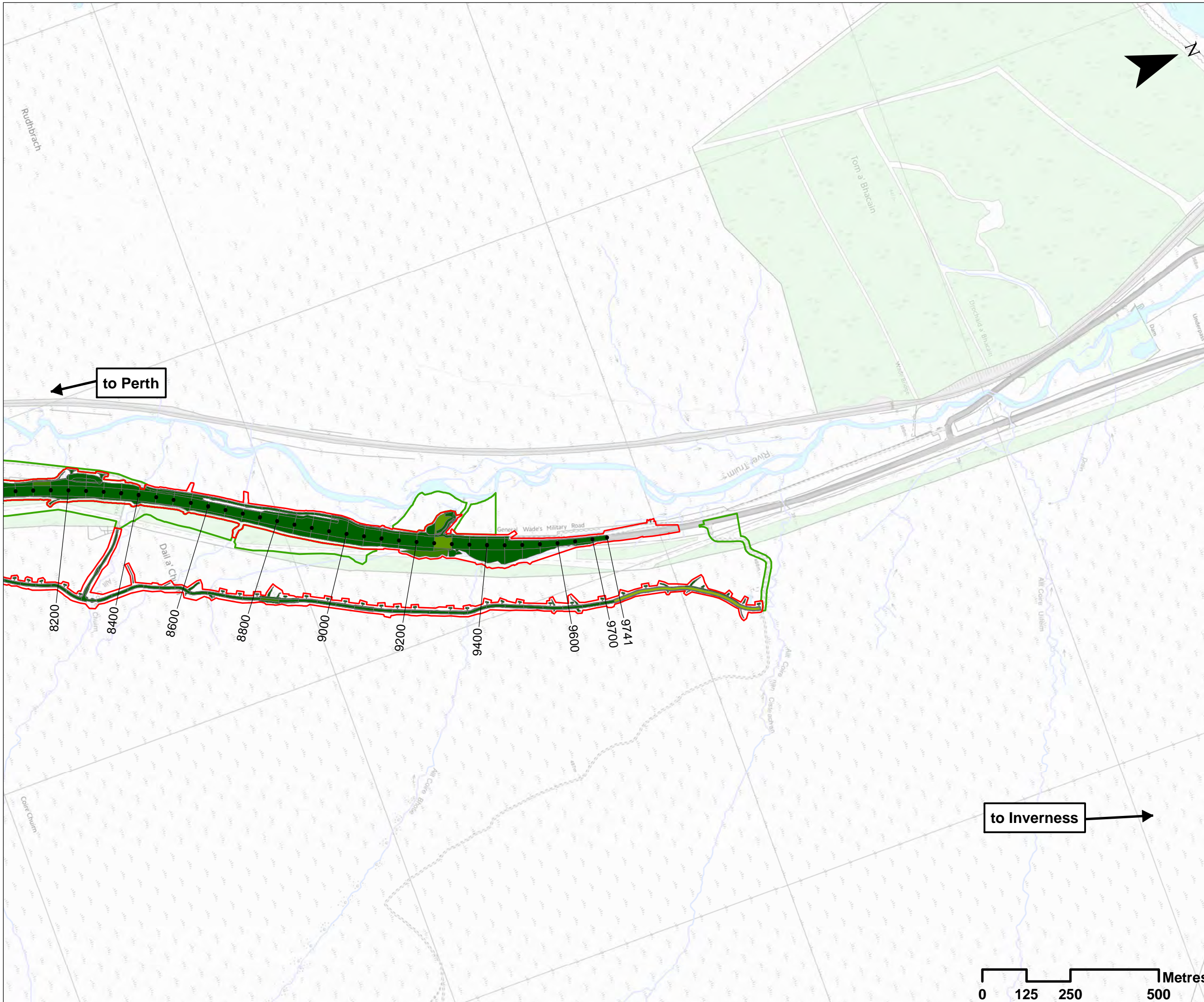
DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017
PROJ: 495298

DWG: A9P07-CFJ-EGT-L ML082 ZZ-DR-EN-0004

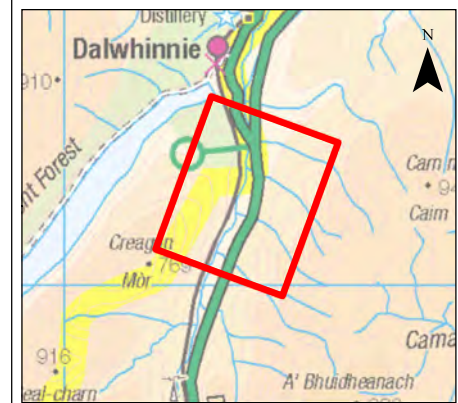
SHEET: 11 OF 12	REVISION: C01	SUITABILITY: A3
--------------------	------------------	--------------------

Document Path: \\g:\p07\Geospatial\Projects\A9_Dualling\A9_Dualling\A9P07-CFJ-EGT-L ML082 ZZ-DR-EN-0004 - Appendix 10.6.11.v2.mxd



to Perth

to Inverness



Legend

- Assessment Boundary - Permanent Works
- Assessment Boundary - Temporary Works

Deep Peat Excavation Volume (m3):

- 0 - 200
- 200 - 400
- 400 - 600
- 600 - 800
- 800 - 1000
- 1000 - 1200
- 1200 - 1400
- 1400 - 1600
- 1600 - 1800
- 1800 - 2000
- >2000

Note:
The excavation volume polygons represent elements of the Proposed Scheme (widening, cuttings, embankments, other features and earthworks). These have been split by chainage relative to these elements and excavation volumes were extracted from the peat depth model shown in Drawings 12.17 to 12.23 (Volume 3).

SCALE 1:10000

P03	S3	NOV 17	FINAL REVISIONS	HA	JF
P02	S3	SEPT 17	DESIGN UPDATE	HA	JF
P01	S3	JUN 17	DRAFT FOR COMMENT	HA	JF
REV	SUIT	DATE	DESCRIPTION	BY	APP

ch2m: FAIRHURST
CH2MHILL Fairhurst JV
C/O: City Park 368 Alexandra Parade Glasgow G31 3AU
Tel + 44 (0) 141 552 2000 Fax +44 (0) 141 552 2525



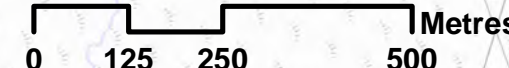
**PROJECT 7 GLEN GARRY TO DALWHINNIE EIA
ASSESSMENT PLAN
DRAWING 10.6.12
RESIDUAL EXCAVATION VOLUMES (DEEP PEAT)
chainage 8200 to 9741**

DESIGN: AB	DRAWN: HA	CHK: CK	APP: JF
---------------	--------------	------------	------------

DATE: 28/11/2017
PROJ: 495298

DWG: A9P07-CFJ-EGT-L_ML082_ZZ-DR-EN-0005

SHEET: 12 OF 12	REVISION: C01	SUITABILITY: A3
--------------------	------------------	--------------------



Document Path: \\glen\proj\GIS\patial\Projects\A9_Dualling\A9_P07\CFJ\EGT-L_ML082_ZZ-DR-EN-0005_A3.dwg Appendix 10.6.12 v2.mxd