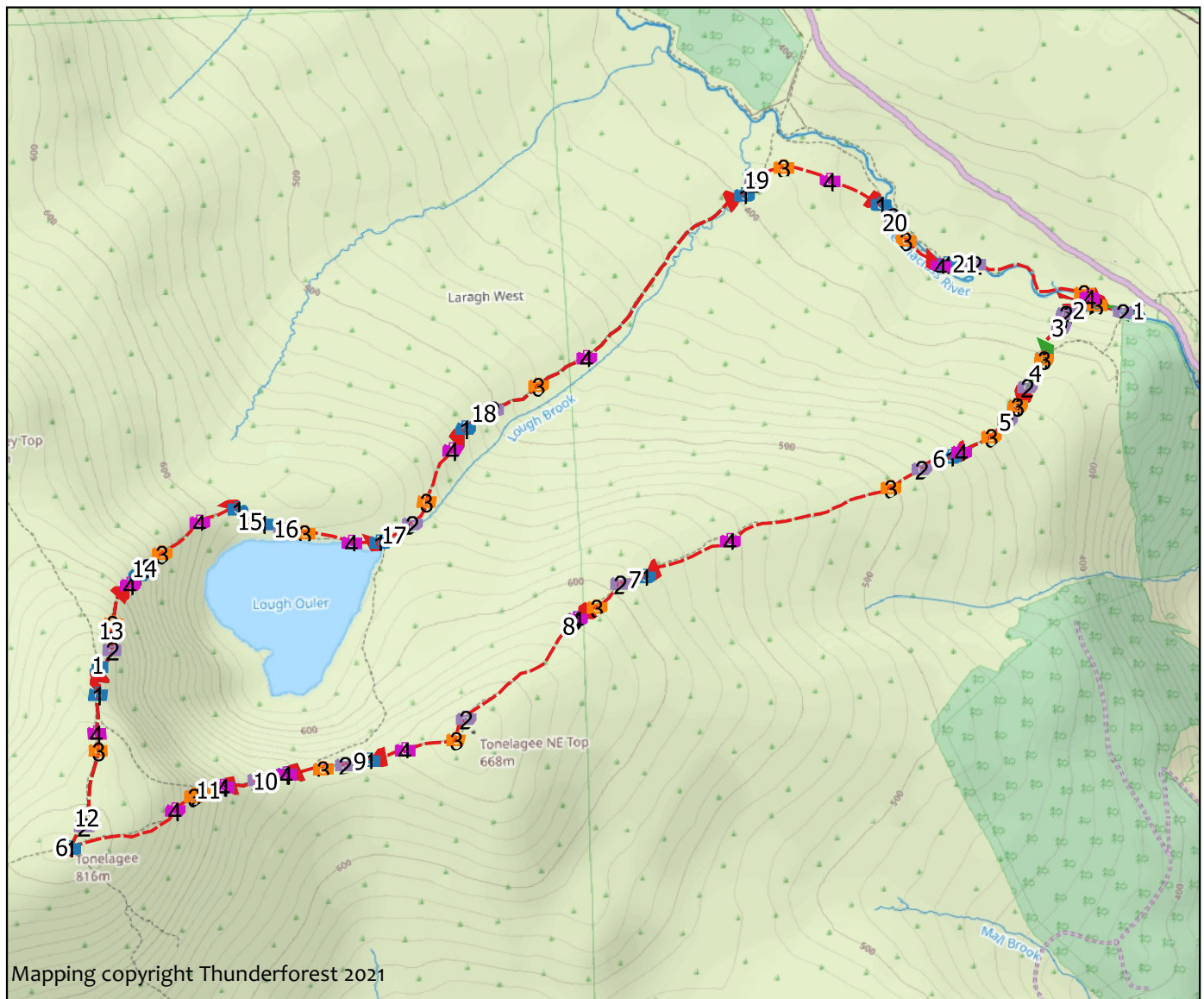


Tonagalee - Lough Ouler circuit

Survey date: Apr 19, 2021

Length: 7353m

Sections: 21



Mapping copyright Thunderforest 2021

0 200 400 m



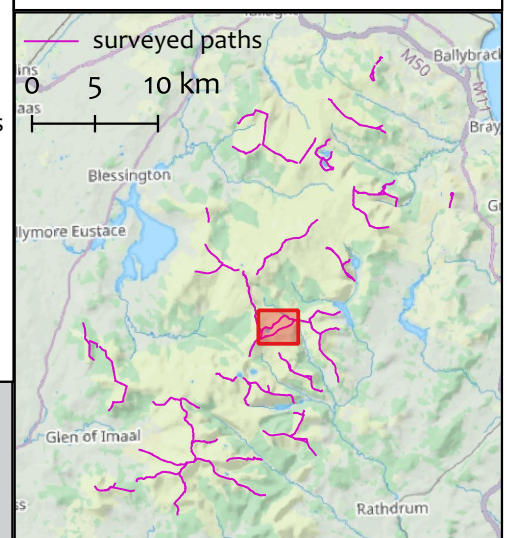
- | | | |
|----------------|------|------|
| — Non-peat | 1 P1 | 4 P4 |
| — Shallow peat | 2 P2 | |
| — Deep peat | 3 P3 | |

Overall description: Circuit from Glenmacnass (car park) with a number of route options

Overall assessment: Long route with sections of deep peat on steep gradients

Weather conditions at time of survey: Partial cloud

Work summary: Work in some areas can be done but care needs to be taken not to encourage greater use



Tonagalee – Lough Ouler circuit

Start: O 11341 03015 (± 9m)

End: O 11230 03035 (± 9m)

Section description: Car park - this area is used for informal recreation by the river bank

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
118	15	0	5

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	1	1.5	2.5
Bare width (m)	0	0	0.5
Eroded depth (m)	0	0	0.5

Availability of Materials: None available 5 tonnes aggregate needed

Site Assessment:Robust river bank - easy access

Work Required

Work type	Estimated input	Work Summary
minor_repair	2 days labour	Cross drain at start and 10m surfacing - divert path away from river bank to heal peat erosion



1618824080052.jpg - O 11339 03014 (± 6m)

1618824152203.jpg - O 11300 03016 (± 4m)



1618824228937.jpg - O 11231 03035 (± 4m)

- (± m)

Tonagalee – Lough Ouler circuit

Start: O 11213 03037 (± 4m)

End: O 11149 03012 (± 4m)

Section description: This section starts at the river and cross the flood plain to the change of slope.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
70	10	0	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	2	4	6
Bare width (m)	0	0	0
Eroded depth (m)	0	0	0

Availability of Materials: None

Site Assessment:River crossing

Work Required

Work type	Estimated input	Work Summary
none		Would require full floated path or nothing - no intermediate options are available due to deep peat - 120m floated aggregate would be required



1618825041901.jpg - O 11210 03033 (± 4m)

1618825453799.jpg - O 11149 03012 (± 4m)



Tonagalee – Lough Ouler circuit

Start: O 11149 03012 (± 9m)

End: O 11090 02892 (± 9m)

Section description: Section starts at the base of the slope and is a direct line up hill

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
143	44	18	0

Substrate	Peat Depth (cm)
peat	10

	Minimum	Maximum	Typical
Trampled width (m)	0.4	0.5	2
Bare width (m)	0	0.4	1
Eroded depth (m)	0	0.1	0.3

Availability of Materials: None

Site Assessment:Alternative route to that shown on the map

Work Required

Work type	Estimated input	Work Summary
none		If any work is done on this it would require full build - 50m pitching on the steepest; 90m mixed ptching and aggregate surface (50:50)



1618825642418.jpg - O 11149 03012 (± 9m)

1618825779800.jpg - O 11136 02975 (± 5m)



1618828289736.jpg - O 11091 02891 (± 9m)

- (± m)

Tonagalee – Lough Ouler circuit

Start: O 11092 02892 (± 4m)

End: O 11020 02767 (± 9m)

Section description: Section starts at junction with other braids and is on a more gentle slope than previous section.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
142	10	5	0

Substrate	Peat Depth (cm)
	0

	Minimum	Maximum	Typical
Trampled width (m)	1.5	2	3
Bare width (m)	0	0	1
Eroded depth (m)	0	0	0.3

Availability of Materials: None

Site Assessment:Easy full build if required

Work Required

Work type	Estimated input	Work Summary
none		Currently not in urgent need of work



1618828388985.jpg - O 11092 02892 (± 4m)

1618828495837.jpg - O 11046 02817 (± 5m)



1618829049115.jpg - O 11020 02767 (± 4m)

- (± m)

Tonagalee – Lough Ouler circuit

Start: O 11041 02811 (± 9m)

End: O 10845 02631 (± 9m)

Section description: Section starts at change in slope. Boulders exposed in places

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
231	22	20	0

Substrate	Peat Depth (cm)
peat	20

	Minimum	Maximum	Typical
Trampled width (m)	2	2.5	3.5
Bare width (m)	0	0	0.5
Eroded depth (m)	0	8	0.2

Availability of Materials: Some block stone

Site Assessment: May be on the cusp of rapid deterioration

Work Required

Work type	Estimated input	Work Summary
early_intervention	10 days labour	Drainage would help reduce the loss of surface vegetaton - 5 cross drains and 50m of ditching. Needs careful thought due to possibility of encouraging more walkers (highly visible)



5

1618828946762.jpg - O 11019 02766 (± 4m)

1618829124855.jpg - O 10993 02729 (± 5m)

2



3

1618829221847.jpg - O 10951 02684 (± 7m)

1618829346000.jpg - O 10871 02644 (± 5m)

4

Tonagalee – Lough Ouler circuit

Start: O 10844 02630 (± 4m)

End: O 10029 02311 (± 9m)

Section description: Section starts at boulder outcrop at a change of slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
890	12	7	0

Substrate	Peat Depth (cm)
peat	45

	Minimum	Maximum	Typical
Trampled width (m)	2	4	12
Bare width (m)	0	8	2
Eroded depth (m)	0	0	0.2

Availability of Materials: None

Site Assessment:Open moorland.

Work Required

Work type	Estimated input	Work Summary
none		Deep peat 40 - 90cm. Floated path would be the only option - not recommended



1

1618829737505.jpg - O 10844 02630 (± 4m)

1618829846071.jpg - O 10766 02600 (± 5m)

2



3

1618829948562.jpg - O 10684 02549 (± 4m)

1618830683112.jpg - O 10257 02408 (± 5m)

4

Tonagalee – Lough Ouler circuit

Start: O 10029 02311 (± 4m)

End: O 09850 02203 (± 9m)

Section description: Section starts at flat area with boulders at surface and passes through deep eroded peat

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
217	18	5	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	2	3.5	15
Bare width (m)	0	0	3
Eroded depth (m)	0	0	0.8

Availability of Materials: Enough for cross drain

Site Assessment: Deep peat

Work Required

Work type	Estimated input	Work Summary
none	8 days labour	20m of Hag restoration to reduce the exposed peat and drainage (20m of drain and 1 cross drain). May not be viable.



1618831271343.jpg - O 10032 02313 (± 9m)

1618831430575.jpg - O 09966 02295 (± 5m)



1618831688955.jpg - O 09903 02232 (± 5m)

1618831907711.jpg - O 09851 02200 (± 4m)

Tonagalee – Lough Ouler circuit

Start: O 09851 02200 (± 10m)

End: O 09303 01825 (± 9m)

Section description: Difficult area to define the start (featurless) but it is the beginning of an open slope. The path climbs to Tonelagee NE top and drops back to a col and crosses areas of deep peat with hags

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
710	12	0	0

Substrate	Peat Depth (cm)
peat	110

	Minimum	Maximum	Typical
Trampled width (m)	0	3	15
Bare width (m)	0	8	5
Eroded depth (m)	0	0	1.1

Availability of Materials: Some aggregate exposed at col

Site Assessment: Deep peat with erosion features

Work Required

Work type	Estimated input	Work Summary
none	20 days labour	Reduce impacts near col through hag restoration



1618832244685.jpg - O 09849 02200 (± 6m)

1618832749218.jpg - O 09556 01937 (± 4m)



1618832921858.jpg - O 09531 01880 (± 9m)

1618833063065.jpg - O 09394 01853 (± 5m)

Tonagalee – Lough Ouler circuit

Start: O 09301 01826 (± 4m)

End: O 09079 01788 (± 9m)

Section description: Section crosses the col - badly eroded peat hags

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
227	8	0	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	4	10	35
Bare width (m)	1.5	2	25
Eroded depth (m)	0	0.3	1

Availability of Materials: Good

Site Assessment:Badly damaged but too remote for machinery to undertake peat restoration (not viable)

Work Required

Work type	Estimated input	Work Summary
none	20 days labour	290m line definition.



5

1618837805461.jpg - O 09301 01825 (± 4m)

1618837890165.jpg - O 09235 01814 (± 4m)

2



3

1618837954769.jpg - O 09177 01803 (± 5m)

1618838323823.jpg - O 09079 01789 (± 5m)

4

Tonagalee – Lough Ouler circuit

Start: O 09079 01789 (± 4m)

End: O 08912 01756 (± 10m)

Section description: Section starts at boulders and ascends steeply to a braid junction

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
169	42	30	0

Substrate	Peat Depth (cm)
peat	20

	Minimum	Maximum	Typical
Trampled width (m)	3	4	12
Bare width (m)	0	0.5	1.5
Eroded depth (m)	0	0.2	0.5

Availability of Materials: Large boulders on site

Site Assessment:Steep ground with large boulders

Work Required

Work type	Estimated input	Work Summary
none		If work were considered, it would require line definition for approximately 150m and pitching approx 50m



1618838511874.jpg - O 09079 01790 (± 4m)

1618838650632.jpg - O 09003 01774 (± 4m)



1618839179702.jpg - O 08855 01739 (± 4m)

1618839764661.jpg - O 08912 01755 (± 4m)

Tonagalee – Lough Ouler circuit

Start: O 08913 01756 (± 9m)

End: O 08505 01592 (± 4m)

Section description: Section starts at path junction and runs up to the summit trig point. It is not obvious on upward direction

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
446	45	10	30

Substrate	Peat Depth (cm)
peat	40

	Minimum	Maximum	Typical
Trampled width (m)	1	2.5	7
Bare width (m)	0	0.5	1.5
Eroded depth (m)	0	0.1	0.5

Availability of Materials: Good

Site Assessment: Variable along length. Peat restoration options (too remote and high for machinery)

Work Required

Work type	Estimated input	Work Summary
none	15 days labour	50m line containment at bottom; 60m line definition to trig point



5

1618840034485.jpg - O 08913 01756 (± 9m)

1618840246033.jpg - O 08841 01731 (± 4m)

2

Walking
Talk
the since 2006



3

1618840369354.jpg - O 08834 01730 (± 4m)

1618840556650.jpg - O 08784 01693 (± 4m)

4

Tonagalee – Lough Ouler circuit

Start: O 08506 01592 (± 9m)

End: O 08578 01999 (± 9m)

Section description: Section starts at trig point and crosses the broad summit - the route avoids areas of deep peat which has eroded sufficiently to allow access

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
491	10	0	0

Substrate	Peat Depth (cm)
peat	20

	Minimum	Maximum	Typical
Trampled width (m)	2	3	25
Bare width (m)	0	0.5	20
Eroded depth (m)	0	0.1	0.3

Availability of Materials: Enough for line definition

Site Assessment:High altitude short season

Work Required

Work type	Estimated input	Work Summary
none	20 days labour	The impact of walkers would be lessened by 150m line definition across bare areas and 40m hag reprofiling (which would have to be done manually)



5

1618841577411.jpg - O 08506 01592 (± 9m)

1618841663842.jpg - O 08542 01652 (± 8m)

2



3

1618841984945.jpg - O 08581 01853 (± 6m)

1618842055916.jpg - O 08575 01898 (± 5m)

4

Tonagalee – Lough Ouler circuit

Start: O 08579 01999 (± 4m)

End: O 08666 02290 (± 9m)

Section description: Section starts at cairn by viewpoint down to Lough Ouler and runs steeply down the slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
261	57	15	0

Substrate	Peat Depth (cm)
peat	20

	Minimum	Maximum	Typical
Trampled width (m)	1.5	2	10
Bare width (m)	0	0	0.2
Eroded depth (m)	0	0.05	0.2

Availability of Materials: None

Site Assessment:Steep ground

Work Required

Work type	Estimated input	Work Summary
none		Not highly impacted. Difficult to do anything short of full construction on steep ground



1618842657088.jpg - O 08579 02000 (± 4m)

1618842849620.jpg - O 08618 02119 (± 4m)



1618842953827.jpg - O 08618 02189 (± 4m)

1618843554211.jpg - O 08664 02292 (± 5m)

Tonagalee – Lough Ouler circuit

Start: O 08667 02290 (± 4m)

End: O 08949 02491 (± 9m)

Section description: Section starts at break in slope and continues down the shoulder of the corrie. There are pockets of deep peat

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
364	40	20	0

Substrate	Peat Depth (cm)
peat	120

	Minimum	Maximum	Typical
Trampled width (m)	2.5	5	15
Bare width (m)	0	0.5	1.5
Eroded depth (m)	0	0.3	1.5

Availability of Materials: None

Site Assessment: It would be a challenge to do anything except full build and the deep peat makes that more difficult to achieve

Work Required

Work type	Estimated input	Work Summary
none	20 days labour	Experimental: Peat stabilisation could be attempted using 15 wooden dams to deflect water away from path line



5

1618843864577.jpg - O 08687 02318 (± 5m)

1618843945391.jpg - O 08710 02339 (± 4m)

2

Walking
Talk
the since 2006



3

1618844058966.jpg - O 08749 02375 (± 4m)

1618844482332.jpg - O 08849 02457 (± 4m)

4

Tonagalee – Lough Ouler circuit

Start: O 08951 02492 (± 9m)

End: O 09019 02453 (± 7m)

Section description: At bottom of slope. Path turns towards lough

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
83	20	0	20

Substrate	Peat Depth (cm)
peat	80

	Minimum	Maximum	Typical
Trampled width (m)	0.9	1.5	3
Bare width (m)	0	0.5	1.5
Eroded depth (m)	0	0.2	0.5

Availability of Materials: Minimal block stone

Site Assessment:Remote site

Work Required

Work type	Estimated input	Work Summary
none		



5 1618844883471.jpg - O 08950 02492 (± 9m)

1618845397132.jpg - O 08990 02454 (± 5m) 2



3 1618845419316.jpg - O 08991 02455 (± 4m)

- (± m)

4

Tonagalee – Lough Ouler circuit

Start: O 09017 02453 (± 9m)

End: O 09326 02402 (± 4m)

Section description: Section starts at boulders on cross slope and leads down to Lough Ouler (more obvious route on the ground than continuing on the ridge)

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
312	2	0	35

Substrate	Peat Depth (cm)
peat	60

	Minimum	Maximum	Typical
Trampled width (m)	0.5	1	3
Bare width (m)	0	0.3	0.5
Eroded depth (m)	0	0.1	0.5

Availability of Materials: May be materials under peat from glacial till

Site Assessment: Cross slope constraints

Work Required

Work type	Estimated input	Work Summary
none		None required with current level of use



5

1618845709489.jpg - O 09017 02453 (± 9m)

1618845787866.jpg - O 09071 02437 (± 4m)

2



3

1618845889344.jpg - O 09128 02429 (± 4m)

1618846048509.jpg - O 09253 02403 (± 4m)

4

Tonagalee – Lough Ouler circuit

Start: O 09326 02403 (± 4m)

End: O 09554 02707 (± 4m)

Section description: Section starts at lough outlet and runs parallel to the stream. Multiple short / minor braids

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
390	20	0	20

Substrate	Peat Depth (cm)
peat	50

	Minimum	Maximum	Typical
Trampled width (m)	1.5	2	6
Bare width (m)	0	0.6	2
Eroded depth (m)	0	0.2	0.5

Availability of Materials: Good

Site Assessment: Easy work - access from below

Work Required

Work type	Estimated input	Work Summary
Light_touch	15 days labour	Line definition to de-roughen the path for approx 80m and drainage with 10 water bars to shed surface water



1618846690804.jpg - O 09326 02404 (± 4m)

1618846847917.jpg - O 09413 02453 (± 4m)



1618846947317.jpg - O 09451 02513 (± 4m)

1618847175830.jpg - O 09520 02649 (± 4m)

Tonagalee – Lough Ouler circuit

Start: O 09555 02709 (± 4m)

End: O 10286 03322 (± 9m)

Section description: Section starts at pointy boulder next to path and runs parallel to the stream as far as the crossing on flatter ground. Well defined route

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
991	12	5	15

Substrate	Peat Depth (cm)
peat	30

	Minimum	Maximum	Typical
Trampled width (m)	0.5	1	3.5
Bare width (m)	0	0.5	0.8
Eroded depth (m)	0	0.05	0.3

Availability of Materials: Marginal - may not be enough in the right locations.

Site Assessment:Simple work on easy ground

Work Required

Work type	Estimated input	Work Summary
Light_touch	10 days labour	Remove surface water from the path line with 10 water bars



1618847702735.jpg - O 09554 02707 (± 3m)

1618847820031.jpg - O 09629 02757 (± 5m)



1618848055825.jpg - O 09748 02820 (± 4m)

1618848194959.jpg - O 09876 02894 (± 5m)

Tonagalee – Lough Ouler circuit

Start: O 10286 03322 (± 9m)

End: O 10658 03300 (± 4m)

Section description: Section starts a stream crossing and crosses open ground to reach the main river. This appears to be a relatively new braid as a short cut back to the car park. Other braids exist on either side of the river and directly to the road

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
418	10	0	0

Substrate	Peat Depth (cm)
peat	60

Availability of Materials: None

Site Assessment: Deep peat

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	2
Bare width (m)	0	8	0
Eroded depth (m)	0	0	0

Work Required

Work type	Estimated input	Work Summary
none		None



1

1618849081085.jpg - O 10295 03326 (± 4m)

1618849151214.jpg - O 10321 03361 (± 5m)

2



3

1618849234639.jpg - O 10399 03400 (± 5m)

1618849362209.jpg - O 10522 03364 (± 4m)

4

Tonagalee – Lough Ouler circuit

Start: O 10657 03301 (± 4m)

End: O 10816 03137 (± 4m)

Section description: Section joins another braid at a large boulder by the river and continues to a crossing

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
230	5	0	5

Substrate	Peat Depth (cm)
peat	60

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	3.5
Bare width (m)	0	0.3	0.6
Eroded depth (m)	0	0	0.1

Availability of Materials: None at surface

Site Assessment:Deep peat

Work Required

Work type	Estimated input	Work Summary
none		Would require full build of floated path or no intervention



5

1618849748674.jpg - O 10657 03301 (± 4m)

2

1618849806423.jpg - O 10689 03271 (± 4m)



3

1618849913466.jpg - O 10724 03206 (± 5m)

4

1618850037399.jpg - O 10816 03137 (± 5m)

Tonagalee – Lough Ouler circuit

Start: O 10816 03137 (± 4m)

End: O 11228 03040 (± 4m)

Section description: Section starts at river crossing and continues on the north bank back towards the car park

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
450	5	0	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	1	2	5
Bare width (m)	0	0	0
Eroded depth (m)	0	0	0

Availability of Materials: None at surface

Site Assessment:

Work Required

Work type	Estimated input	Work Summary
none		In advisable to intervene - it appears to be robust enough for current use and there is deep peat.



1618850264174.jpg - O 10833 03142 (± 5m)

1618850338156.jpg - O 10909 03143 (± 4m)



1618850640520.jpg - O 11197 03066 (± 4m)

1618850687173.jpg - O 11211 03054 (± 4m)