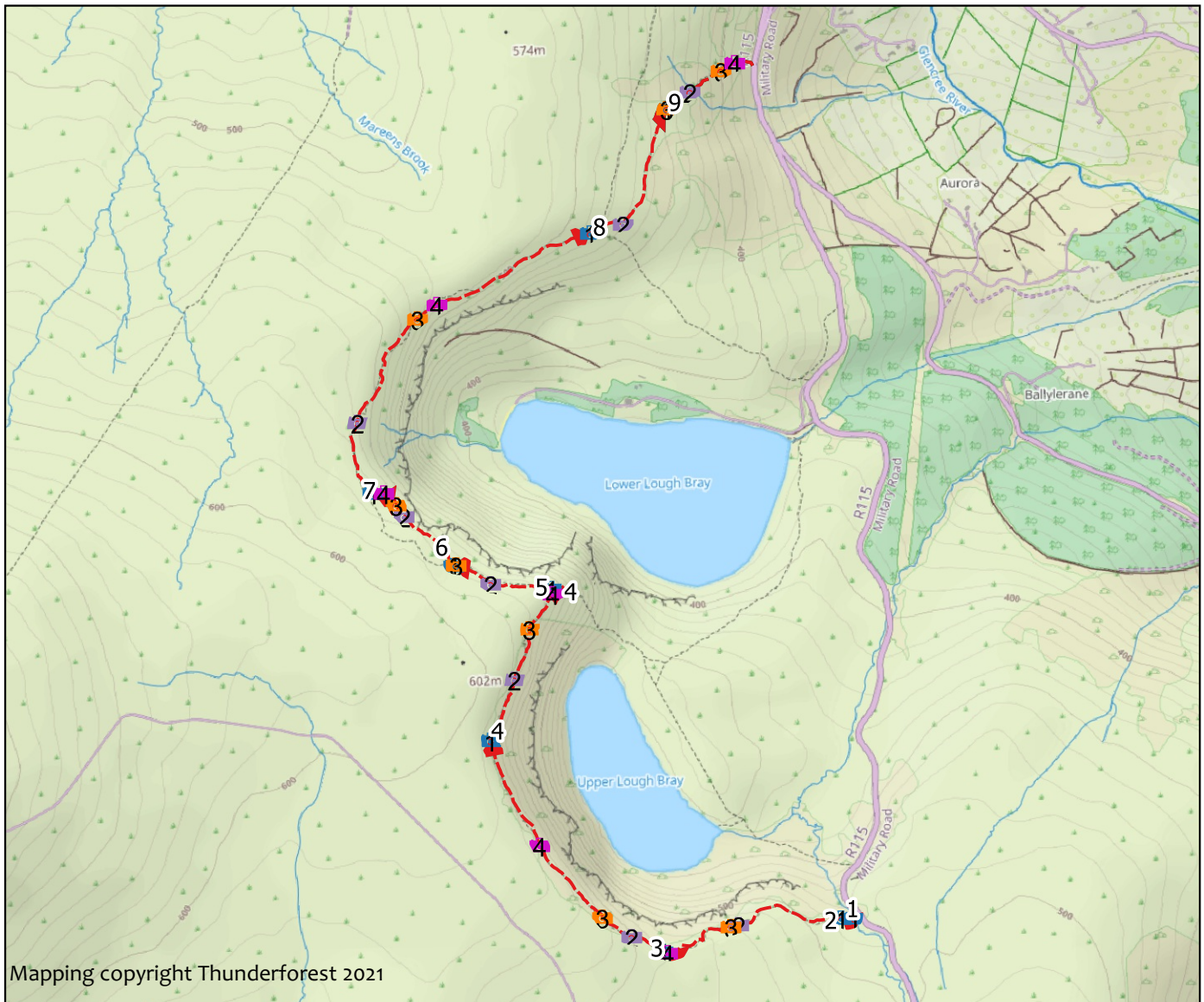


Survey date: Apr 27, 2021

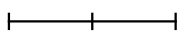
Length: 4520m

Sections: 9



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0 200 400 m



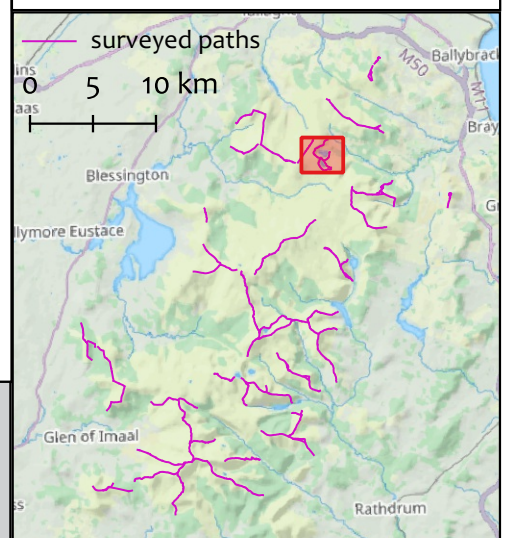
- | | | |
|--------------|----|----|
| Non-peat | P1 | P4 |
| Shallow peat | P2 | |
| Deep peat | P3 | |

Overall description: Path traverses above the cliffs round both Loughs

Overall assessment: Areas of deep peat some of which is on moderate gradient. Proximity to the road (and car park) means that repairs are likely to lead to increase in use

Weather conditions at time of survey: Showers

Work summary: Some minor works are possible but not recommended



Lough bray upper (Section 1)

Start: O 14273 15031 (\pm 9m)

End: O 14239 15007 (\pm 4m)

Section description: Section starts at roadside and drops to crossing of the stream

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
61	30	0	0

Substrate	Peat Depth (cm)
peat	90

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	2
Bare width (m)	0.3	0.3	0.8
Eroded depth (m)	0	0.2	0.3

Availability of Materials: Deep peat - no materials at the surface

Site Assessment: Easy access from the road

Work Required

Work type	Estimated input	Work Summary
none		Any work would need to be floated on the peat, which combined with the slope down to the watercourse would make this a complex task. There are no intermediate repair options.



1619513531621.jpg - O 14271 15010 (\pm 9m)

- (\pm m)



Lough bray upper (Section 2)

Start: O 14239 15009 ($\pm 9\text{m}$)

End: O 13754 14912 ($\pm 9\text{m}$)

Section description: Section starts at a change slope beyond the stream and runs across deep blanket bog at the top of the corrie.

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
575	20	5	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	2	3	35
Bare width (m)	0.5	0.8	11
Eroded depth (m)	0	0.3	0.6

Availability of Materials: None available at the surface

Site Assessment: Stream makes access by machinery more difficult

Work Required

Work type	Estimated input	Work Summary
none		Bog bridges would be an option to reduce erosion of bare peat, but these are likely to focus trampling pressure so may exacerbate the problem.



1619514233480.jpg - O 14236 15009 ($\pm 9\text{m}$)



1619515438725.jpg - O 13951 14991 ($\pm 4\text{m}$)



1619515526162.jpg - O 13930 14986 ($\pm 4\text{m}$)



1619516525379.jpg - O 13753 14913 ($\pm 4\text{m}$)

Lough bray upper (Section 3)

Start: O 13754 14912 (± 9 m)

End: O 13262 15503 (± 11 m)

Section description: Section starts where the route narrows and follows the corrie rim. Mostly stable where the cross slope means that peat is drier.

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
814	15	0	25

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	0.5	1	5
Bare width (m)	0.3	0.5	3
Eroded depth (m)	0.2	0.2	0.8

Availability of Materials: Poor availability at start

Site Assessment: Cross slope makes peat drier

Work Required

Work type	Estimated input	Work Summary
none	7 days labour	A series of spring lines could be managed by the installation of cross drains. Any other work would require a floating construction due to peat depth



5

1619516882595.jpg - O 13740 14917 (± 4 m)

1619517056648.jpg - O 13654 14958 (± 5 m)

2



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the since 2006



3

1619517212397.jpg - O 13573 15012 (± 4 m)

1619517709821.jpg - O 13398 15211 (± 4 m)

4

Lough bray upper (Section 4)

Start: O 13262 15503 ($\pm 10\text{m}$)

End: O 13465 15931 ($\pm 9\text{m}$)

Section description: Section starts at a stream on cliff edge and continues to the end of the corrie with a marked cross slope, which constrains the desire line (for most of the way)

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
495	15	0	40

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	0.5	0.8	7
Bare width (m)	0.5	1	3
Eroded depth (m)	0.2	0.3	1

Availability of Materials: No materials available

Site Assessment: Cross slope

Work Required

Work type	Estimated input	Work Summary
none		No work is urgently required or recommended



1619518925550.jpg - O 13262 15503 ($\pm 9\text{m}$)

1619519284845.jpg - O 13328 15672 ($\pm 5\text{m}$)



1619519590228.jpg - O 13369 15813 ($\pm 5\text{m}$)

1619519773743.jpg - O 13435 15910 ($\pm 5\text{m}$)

Lough bray upper (Section 5)

Start: O 13465 15931 (\pm 9m)

End: O 13159 15988 (\pm 9m)

Section description: Section starts at junction with route up the head-wall of the corrie. It continues round the corrie rim of Lower Lough Bray

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
337	30	0	30

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	1	1	6
Bare width (m)	0.3	0.5	4
Eroded depth (m)	0.2	0.3	1.2

Availability of Materials: Some aggregate available

Site Assessment: Steep ground below

Work Required

Work type	Estimated input	Work Summary
none		None recommended due to peat depth



1619520731993.jpg - O 13430 15925 (\pm 4m)



1619522509961.jpg - O 13262 15938 (\pm 8m)

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1619522675585.jpg - O 13166 15990 (\pm 8m)

- (\pm m)

4

Lough bray upper (Section 6)

Start: O 13159 15988 (± 9m)

End: O 12952 16172 (± 10m)

Section description: Section starts at a stream gully and continues to travers the corrie rim. Two minor braids

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
339	15	0	35

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	0.5	1	6
Bare width (m)	0.5	0.5	2
Eroded depth (m)	0.2	0.3	1

Availability of Materials: Limited aggregate

Site Assessment:steep ground below

Work Required

Work type	Estimated input	Work Summary
none		No work recommended due to peat depth



5

1619523096127.jpg - O 13159 15988 (± 9m)



1619523501839.jpg - O 13021 16125 (± 9m)

2



3

1619523588278.jpg - O 12999 16157 (± 7m)



1619523762251.jpg - O 12965 16190 (± 8m)

4

Lough bray upper (Section 7)

Start: O 12952 16172 ($\pm 9\text{m}$)

End: O 13538 16911 ($\pm 9\text{m}$)

Section description: Section starts at a gully and continues on the rim of the corrie - some parts are on flatter ground away from the steep edge

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
1159	25	5	25

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	1	1.5	8
Bare width (m)	0.3	0.5	1.5
Eroded depth (m)	0.2	0.3	0.8

Availability of Materials: Minimal

Site Assessment: steep ground below

Work Required

Work type	Estimated input	Work Summary
none	3 days labour	Drainage could be installed on eroded aggregate areas (water bars) - not recommended independently of other sections



1

1619524094247.jpg - O 12935 16190 ($\pm 9\text{m}$)



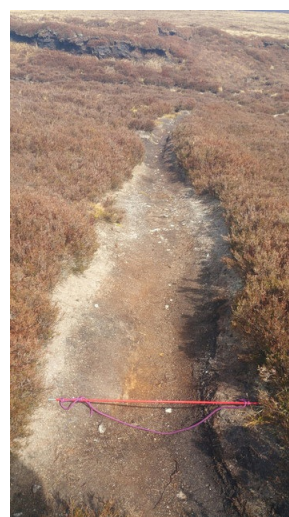
2

1619524529537.jpg - O 12893 16386 ($\pm 4\text{m}$)



3

1619525145427.jpg - O 13059 16673 ($\pm 8\text{m}$)



4

1619525438262.jpg - O 13113 16713 ($\pm 9\text{m}$)

Lough bray upper (Section 8)

Start: O 13539 16911 ($\pm 4\text{m}$)

End: O 13748 17253 ($\pm 10\text{m}$)

Section description: Section starts at the junction with a more direct route that passes behind the house on Lower Lough Bray. Route passes through deep heather

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
450	25	5	20

Substrate	Peat Depth (cm)
peat	70

	Minimum	Maximum	Typical
Trampled width (m)	0.5	0.8	2.5
Bare width (m)	0.3	0.5	2.5
Eroded depth (m)	0	0.1	0.5

Availability of Materials: None at surface

Site Assessment: open ground with no restrictions / constraints

Work Required

Work type	Estimated input	Work Summary
none		No work recommended due to peat depths



1619528313176.jpg - O 13539 16912 ($\pm 4\text{m}$)



1619528550633.jpg - O 13630 16937 ($\pm 5\text{m}$)



1619529054237.jpg - O 13751 17257 ($\pm 5\text{m}$)

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- ($\pm \text{m}$)

Lough bray upper (Section 9)

Start: O 13748 17253 (± 9m)

End: O 13989 17381 (± 9m)

Section description: Section starts at a change of slope and runs steeply down to the road through areas of bracken.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
290	43	40	0

Substrate	Peat Depth (cm)
peat	30

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	1
Bare width (m)	0.3	0.3	0.3
Eroded depth (m)	0.1	0.2	0.6

Availability of Materials: None available

Site Assessment:Close to road but poor site access

Work Required

Work type	Estimated input	Work Summary
none	3 days labour	Minor drainage on the steepest ground could help to slow the development of a scar



1619529274119.jpg - O 13753 17258 (± 9m)



1619529404502.jpg - O 13816 17305 (± 5m)



1619529608286.jpg - O 13902 17363 (± 5m)



1619529737667.jpg - O 13940 17385 (± 4m)