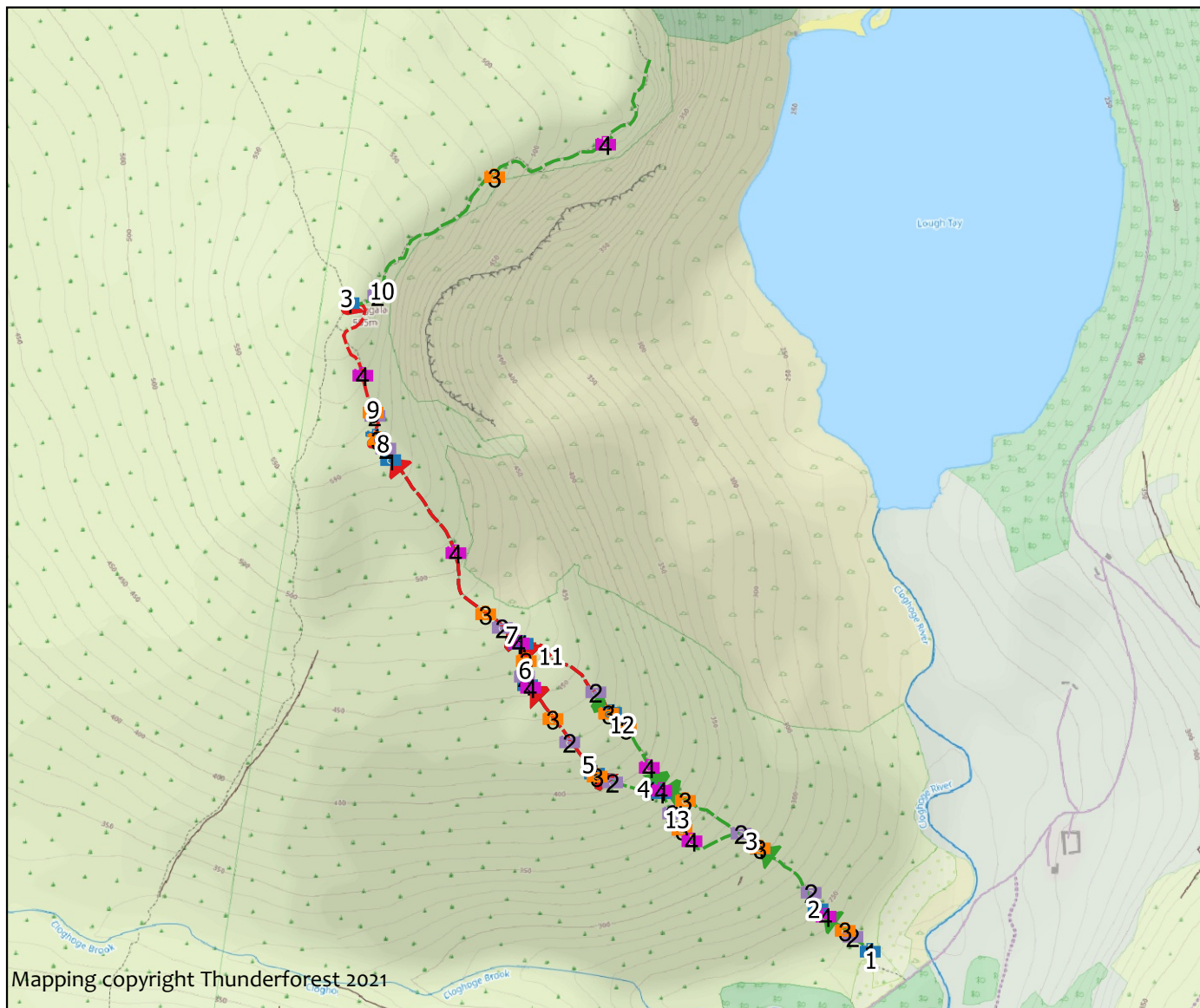


Survey date: Apr 24, 2021

Length: 3134m

Sections: 13



0 200 400 m



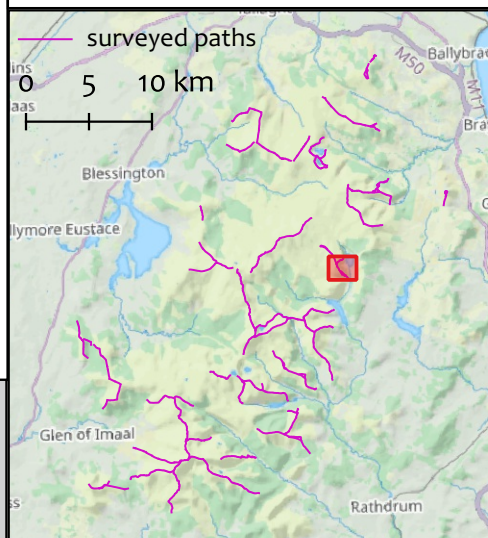
- | | | |
|----------------|------|------|
| — Non-peat | 1 P1 | 4 P4 |
| — Shallow peat | 2 P2 | |
| — Deep peat | 3 P3 | |

Overall description: Ascent from valley base with multiple route options

Overall assessment: Opportunities for small scale work to stabilise and prevent further deterioration. Potentially visible path so careful choice of work needed

Weather conditions at time of survey: Sunny

Work summary: drainage and line definition



Luggala (Section 1)

Start: O 15981 06178 (± 4m)

End: O 15893 06266 (± 3m)

Section description: Start of path - highly visible desire line that ascends straight up the slope

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
130	30	20	0

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	1	1	1.5
Bare width (m)	0.3	0.3	1
Eroded depth (m)	0	0.05	0.2

Availability of Materials: Some field stone

Site Assessment: Easy access to site

Work Required

Work type	Estimated input	Work Summary
early_intervention	9 days labour	At top of section (steeper) a short (5m) section of pitching. Install 4 waterbars to divert water off the line



5

1619256100387.jpg - O 15980 06199 (± 3m)

1619256240039.jpg - O 15948 06227 (± 3m)

2

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3

1619256273717.jpg - O 15934 06238 (± 3m)

1619256448199.jpg - O 15899 06264 (± 3m)

4

Luggala (Section 2)

Start: O 15892 06265 ($\pm 4\text{m}$)

End: O 15776 06390 ($\pm 3\text{m}$)

Section description: This section is between two stone walls and goes straight up the slope

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
179	38	20	0

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	0.4	0.5	5
Bare width (m)	0.3	0.4	0.9
Eroded depth (m)	0	0.1	0.3

Availability of Materials: Some stone available, but insufficient

Site Assessment: Walls should not be used as source of stone.

Work Required

Work type	Estimated input	Work Summary
early_intervention	16 days labour	There is scope for spot repairs and minor drainage to prevent deterioration - approximately 10m of pitching (split into 2 parts) and 6 waterbars



1619257189533.jpg - O 15884 06277 ($\pm 3\text{m}$)



1619257287610.jpg - O 15871 06308 ($\pm 3\text{m}$)

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1619257989448.jpg - O 15777 06390 ($\pm 3\text{m}$)

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

Luggala (Section 3)

Start: O 15775 06391 ($\pm 10\text{m}$)

End: O 15595 06500 ($\pm 5\text{m}$)

Section description: Section starts at wall and runs straight up hill to another wall at the beginning of the heather moorland and junctions with other sections

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
207	42	30	0

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	0.5	1	4
Bare width (m)	0	0.5	1
Eroded depth (m)	0	0.1	0.3

Availability of Materials: Limited block stone

Site Assessment: Relatively open slope but steep - very difficult to constrain

Work Required

Work type	Estimated input	Work Summary
early_intervention	30 days labour	10m pitch on 40% gradient; short sections of pitching and drainage. Possible realignment along wall that forms top of section



1619258306368.jpg - O 15777 06389 ($\pm 3\text{m}$)



1619258610188.jpg - O 15741 06418 ($\pm 3\text{m}$)

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1619260155309.jpg - O 15638 06478 ($\pm 3\text{m}$)



1619260503212.jpg - O 15594 06497 ($\pm 4\text{m}$)

Luggala (Section 4)

Start: O 15602 06492 ($\pm$ 0m)

End: O 15475 06524 ($\pm$ 9m)

Section description: Section starts at change in vegetation at a wall - it is an obvious desire line, but not the most direct route to the summit

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
133	22	20	22

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	0.5	0.5	2
Bare width (m)	0	0.3	0.3
Eroded depth (m)	0	0.05	0.1

Availability of Materials:

Site Assessment: Lower gradient than the direct route

Work Required

Work type	Estimated input	Work Summary
none		Decreased gradient (and possibly lower use) means that work is not required with current levels of use



1619262219593.jpg - O 15575 06498 ($\pm$ 3m)

1619262493491.jpg - O 15503 06513 ($\pm$ 3m)



1619262674715.jpg - O 15475 06523 ($\pm$ 3m)

- ($\pm$ m)

Luggala (Section 5)
Section description: Route follows wall

Start: O 15475 06523 (± 4m) End: O 15352 06688 (± 9m)

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
201	22	20	0

Substrate	Peat Depth (cm)
peat	10

	Minimum	Maximum	Typical
Trampled width (m)	1.5	3	5
Bare width (m)	0	0	0.2
Eroded depth (m)	0	0	0.2

Availability of Materials: Limited block stone - may be necessary to import

Site Assessment:Robust grassy surface

Work Required

Work type	Estimated input	Work Summary
early_intervention	3 days labour	Minor drainage would help to deflect surface water (3 water bars). Not urgent but desirable.



1619263061221.jpg - O 15470 06529 (± 3m)



1619263333593.jpg - O 15424 06587 (± 3m)



1619263426392.jpg - O 15393 06630 (± 3m)



1619264049321.jpg - O 15352 06688 (± 3m)

Luggala (Section 6)

Start: O 15352 06687 ($\pm 4m$)

End: O 15330 06769 ($\pm 3m$)

Section description: Section begins at the end of the wall and is a narrow trod through tall heather (constrains trampling)

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
84	12	0	0

Substrate	Peat Depth (cm)
peat	15

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	2
Bare width (m)	0	0.3	0.4
Eroded depth (m)	0.1	0.2	0.3

Availability of Materials: No block stone - may need to be imported

Site Assessment: Sustainable line due to cross slope and gradient

Work Required

Work type	Estimated input	Work Summary
early_intervention	3 days labour	Minor drainage would help to deflect surface water (3 water bars)



1619264236715.jpg - O 15346 06692 ($\pm 4m$)

1619264338868.jpg - O 15340 06708 ($\pm 3m$)



1619264415922.jpg - O 15344 06737 ($\pm 3m$)

1619264497523.jpg - O 15330 06770 ($\pm 3m$)

Luggala (Section 7)

Start: O 15330 06769 ($\pm 4\text{m}$)

End: O 15093 07110 ($\pm 3\text{m}$)

Section description: Section starts at junction with another braid

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
435	25	0	0

Substrate	Peat Depth (cm)
peat	10

	Minimum	Maximum	Typical
Trampled width (m)	1.5	2	5
Bare width (m)	0	0.5	1.2
Eroded depth (m)	0.3	0.4	0.8

Availability of Materials: aggregate available; mostly schist. May not be enough block stone

Site Assessment: Needs careful specification if a full repair is considered.

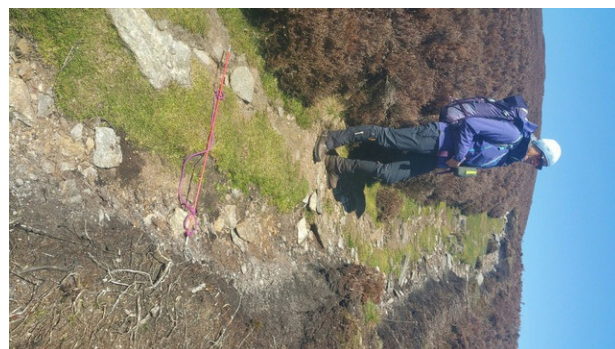
Work Required

Work type	Estimated input	Work Summary
early_intervention	35 days labour	Recommended work is drainage (approx 20 water bars) and landscaping of braids. There is potential for full repair to provide a robust path (not recommended)



1619264787703.jpg - O 15329 06769 ($\pm 3\text{m}$)

1619265312274.jpg - O 15299 06799 ($\pm 3\text{m}$)



1619265564462.jpg - O 15269 06824 ($\pm 3\text{m}$)

1619267245932.jpg - O 15213 06937 ($\pm 3\text{m}$)

Luggala (Section 8)

Start: O 15092 07110 (± 3 m)

End: O 15068 07150 (± 3 m)

Section description: This section starts at a change of slope. Although there are some parts of this section where peat has eroded almost to the substrate, other areas are still deep peat and likely to be awkward to cross in wet conditions

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
47	2	0	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	2	3	6
Bare width (m)	0	1	2
Eroded depth (m)	0	0	0.3

Availability of Materials: Limited amount at surface

Site Assessment: Deep peat makes for a difficult work site

Work Required

Work type	Estimated input	Work Summary
none		Deep peat means that if any work is considered it would need to be floated on the peat. Not recommended



5

1619268353285.jpg - O 15093 07109 (± 3 m)

1619271381621.jpg - O 15084 07131 (± 3 m)

2

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3

1619271457643.jpg - O 15068 07147 (± 3 m)

- (± 3 m)

4

Luggala (Section 9)

Start: O 15067 07149 ($\pm 9\text{m}$)

End: O 15014 07400 ($\pm 3\text{m}$)

Section description: Section begins at an increase in slope

Current Condition

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
285	25	5	0

Substrate	Peat Depth (cm)
peat	180

	Minimum	Maximum	Typical
Trampled width (m)	3	6	12
Bare width (m)	0	2	5
Eroded depth (m)	0	0.2	1

Availability of Materials: None

Site Assessment: Deep peat difficult to manage on slope

Work Required

Work type	Estimated input	Work Summary
none		Depth of peat at the top of this section means that path repairs are not viable - a path would need to be floated but the gradient is too steep for this to be left un-anchored.



1

1619271770438.jpg - O 15065 07151 ($\pm 3\text{m}$)

1619271874728.jpg - O 15063 07191 ($\pm 3\text{m}$)

2

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3

1619271935328.jpg - O 15060 07197 ($\pm 3\text{m}$)

1619272197431.jpg - O 15041 07266 ($\pm 3\text{m}$)

4

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
822	14	0	0

Substrate	Peat Depth (cm)
	0

	Minimum	Maximum	Typical
Trampled width (m)	0.3	0.5	4
Bare width (m)	0	0.3	2
Eroded depth (m)	0	0.1	0.3

Availability of Materials:
 Site Assessment:Peters out

Work Required

Work type	Estimated input	Work Summary
none		None



5

1619273593022.jpg - O 15015 07400 (± 3m)

2

1619273748407.jpg - O 15069 07414 (± 3m)



3

1619274375288.jpg - O 15285 07633 (± 3m)

4

1619274685325.jpg - O 15491 07693 (± 3m)

Luggala (Section 11)
Section description: Junction

Start: O 15336 06770 (± 3m)

End: O 15498 06641 (± 3m)

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
214	15	10	0

Substrate	Peat Depth (cm)
peat	30

	Minimum	Maximum	Typical
Trampled width (m)	1	1.5	4
Bare width (m)	0	0.3	0.5
Eroded depth (m)	0	0.3	0.6

Availability of Materials: Good

Site Assessment:Main route

Work Required

Work type	Estimated input	Work Summary
early_intervention	10 days labour	Drainage and landscaping



1619282919737.jpg - O 15338 06769 (± 3m)

1619283273513.jpg - O 15472 06679 (± 3m)



1619283375515.jpg - O 15496 06639 (± 3m)

- (± m)

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
180	32	0	0

Substrate	Peat Depth (cm)
mineral_soil	0

	Minimum	Maximum	Typical
Trampled width (m)	1.5	2	4
Bare width (m)	0	0	0.8
Eroded depth (m)	0	0	0.3

Availability of Materials: Good

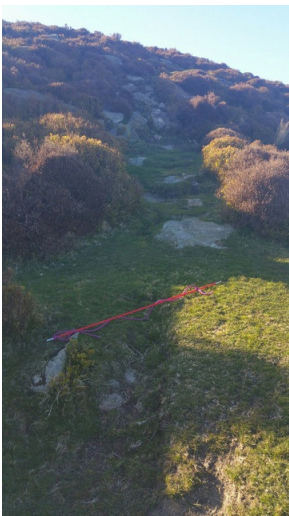
Site Assessment:Stable route with shared pressure

Work Required

Work type	Estimated input	Work Summary
early_intervention	5 days labour	1 water bar; 2m wall repair



1619283703801.jpg - O 15502 06641 (± 3m)



1619283834401.jpg - O 15520 06618 (± 3m)



1619283868921.jpg - O 15529 06611 (± 3m)



1619284152877.jpg - O 15571 06539 (± 3m)

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
217	42	0	0

Substrate	Peat Depth (cm)
mineral_soil	0

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

Availability of Materials:
 Site Assessment:Not sustainable line

Work Required

Work type	Estimated input	Work Summary
none		



1619284492640.jpg - O 15594 06492 (± 3m)



1619284605367.jpg - O 15615 06455 (± 3m)



1619284730002.jpg - O 15632 06425 (± 3m)



1619284860278.jpg - O 15650 06403 (± 3m)