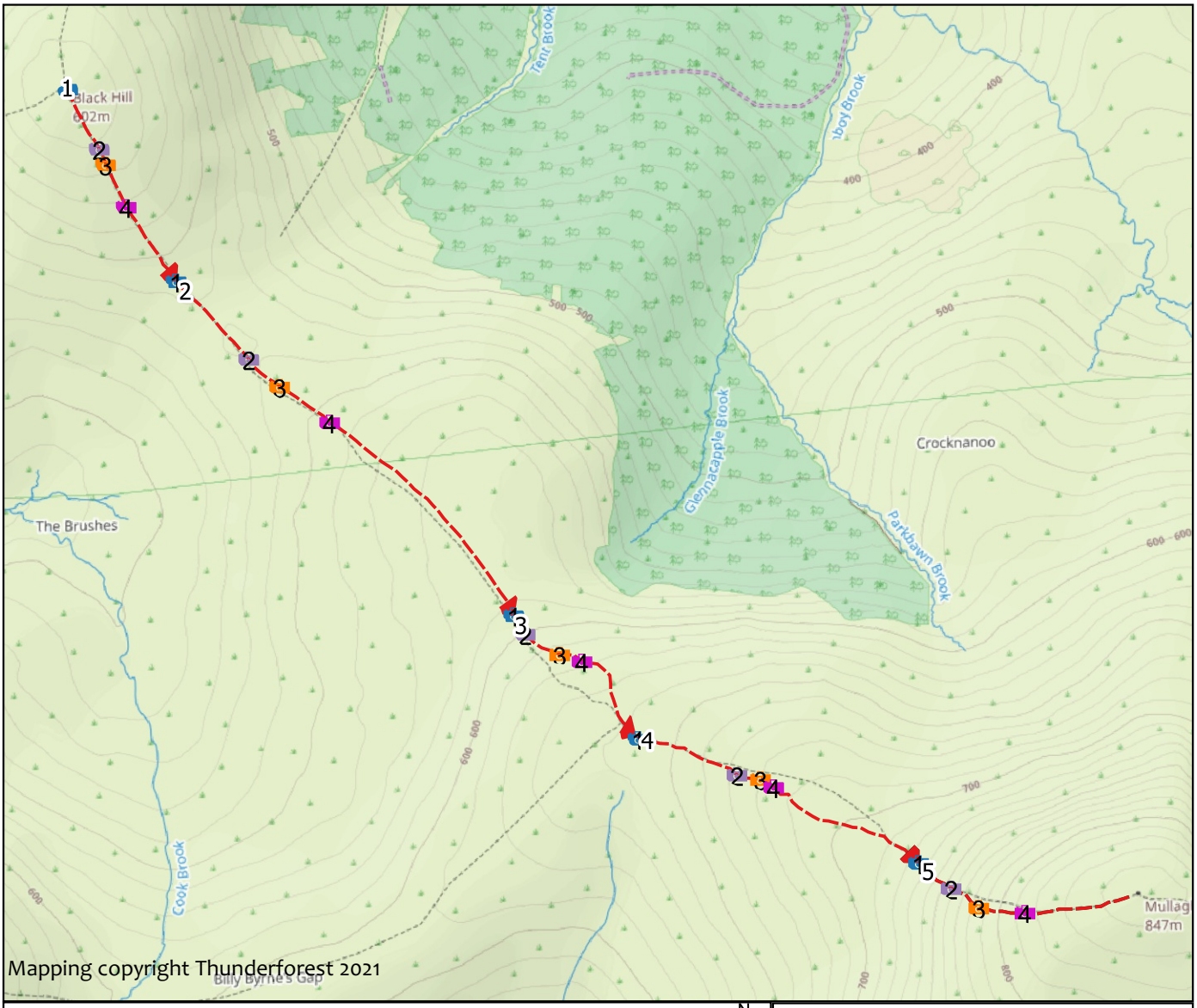
Mullaghcleevaun

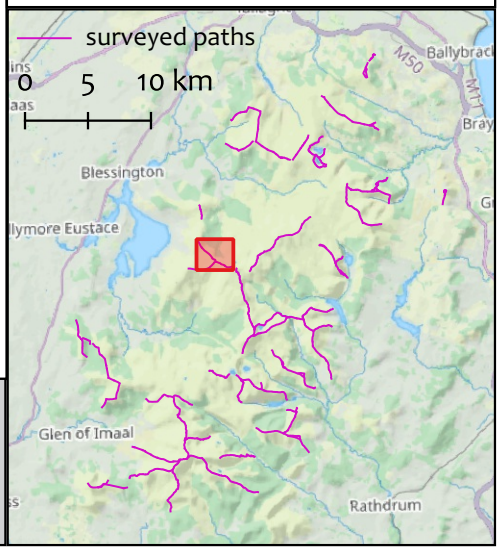
Survey date: Jul 17, 2021	Length: 3518m	Sections: 5



0 200 400 m

N

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



Overall description: Route from Black Hill to summit of Mullaghcleevaun which crosses broad open slopes

Overall assessment: Extensive deep peat

Weather conditions at time of survey: Dry sunny

Work summary: minor interventions to prevent further damage to peat but potential to spiral into full blown works

Mullaghcleevaun (Section 1)

Start: O 04139 09030 (± 4m)

End: O 04408 08553 (± 4m)

Section description: End of vehicle track

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
536	15	5	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	3	4	8
Bare width (m)	0	2	4
Eroded depth (m)	0	0.1	0.4

Availability of Materials: None

Site Assessment: Deep peat

Work Required

Work type	Estimated input	Work Summary
early_intervention	10 days labour	Peat dams across emerging gullies

1

1626521322595.jpg - O 04139 09030 (± 4m)

1626521563102.jpg - O 04217 08882 (± 4m) 2

3 1626521615639.jpg - O 04232 08844 (± 5m)

1626521743845.jpg - O 04283 08739 (± 4m) 4

Mullaghcleevaun (Section 2)

Start: O 04406 08554 (± 4m)

End: O 05239 07732 (± 4m)

Section description: Col change in slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
1173	10	0	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	2	8	11
Bare width (m)	1	2	5
Eroded depth (m)	0.05	0.1	0.3

Availability of Materials: None

Site Assessment: Don't touch

Work Required

Work type	Estimated input	Work Summary
none		Deep peat

1626522332425.jpg - O 04406 08556 (± 4m)

1626522626037.jpg - O 04585 08365 (± 5m)

1626522762249.jpg - O 04660 08297 (± 4m)

1626522920638.jpg - O 04784 08210 (± 5m)

Mullaghcleevaun (Section 3)

Start: O 05239 07732 (± 4m)

End: O 05527 07446 (± 5m)

Section description: Deep gully and increase slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
453	20	5	20

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	3	3	8
Bare width (m)	1	2.5	5
Eroded depth (m)	0.3	0.4	1.2

Availability of Materials: None

Site Assessment: Bedrock exposed near top of section

Work Required

Work type	Estimated input	Work Summary
early_intervention	20 days labour	Peat dams to slow water. Path works not viable due to peat depth

1626524069289.jpg - O 05236 07735 (± 5m)

1626524202104.jpg - O 05264 07689 (± 4m)

1626524357678.jpg - O 05349 07639 (± 5m)

1626524457215.jpg - O 05404 07622 (± 5m)

Mullaghcleevaun (Section 4)

Start: O 05538 07437 (± 4m)

End: O 06233 07124 (± 4m)

Section description: Gully at top of slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
783	15	5	0

Substrate	Peat Depth (cm)
peat	100

	Minimum	Maximum	Typical
Trampled width (m)	0.5	0.5	10
Bare width (m)	0	0	1.5
Eroded depth (m)	0	0.1	1

Availability of Materials: None

Site Assessment: Not all exposed peat is from recreation

Work Required

Work type	Estimated input	Work Summary
early_intervention		Peat restoration

1626528704351.jpg - O 05542 07431 (± 4m)

1626529274318.jpg - O 05785 07343 (± 5m)

1626529386607.jpg - O 05843 07332 (± 4m)

1626529451171.jpg - O 05876 07313 (± 4m)

Mullaghcleevaun (Section 5)

Start: O 06234 07123 (± 4m)

End: O 06762 07048 (± 9m)

Section description: Steep slope. Angular boulder near base of slope

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
573	40	5	0

Substrate	Peat Depth (cm)
peat	20

	Minimum	Maximum	Typical
Trampled width (m)	0.5	0.5	6
Bare width (m)	0	0.3	1
Eroded depth (m)	0	0.1	0.3

Availability of Materials: Limited but enough for this work - need import

Site Assessment: Remote site

Work Required

Work type	Estimated input	Work Summary
none	10 days labour	10 water bars - but access to the site is poor across deep peat

1626530399773.jpg - O 06232 07126 (± 4m)

1626530684938.jpg - O 06312 07064 (± 4m)

1626530883281.jpg - O 06380 07016 (± 4m)

1626531072095.jpg - O 06494 07004 (± 5m)