

Great Sugarloaf



Great Sugarloaf (Section 1)

Start: O 23527 12016 (± 4m)

End: O 23560 12240 (± 9m)

Section description: Start of path. Wide track with extensive trampling. Difficult to constrain people on open ground. Some signs of surface water erosion.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
230	7	0	0

Substrate		Peat Depth ((cm)	Availability of Materials: None required
mineral_soil		0		
				Site Assessment: Easy access for machinery from
	Minimum	Maximum	Typical	car park - easiest completed with excatator
Trampled width (m)	2.5	8	8	(supervised) - 0.5 day's work
Bare width (m)	1.2	1.5	3	
Eroded depth (m)	0.1	0.1	0.2	

Work Required

Work type	Estimated input	Work Summary
minor_repair	20 days labour	Create three grade reversals across the track to intercept water with ditches to soakaways - could improve line definition (narrow to 2m if not used for agricultural access)







Great Sugarloaf (Section 2)

Start: O 23559 12243 (± 4m)

Section description: Section starts at fence corner, with increased gradient. More extensive erosion visible with widening and braiding to avoid loose stone on the main line.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
174	25	0	0

Substrate		Peat Depth (cm)		Availability of Materials
mineral_soil		0		aggregate
	Minimum	Maximum	Typical	Site Assessment: Easy ma
Trampled width (m)	8	8	16	day's work with (supervis
Bare width (m)	6	6	7	grade reversals; 5 days w
Eroded depth (m)	0	0.1	0.2	excavator to resurface us

Locally available

chinery access - 0.5 sed) excavator for vith (supervised) sing locally won materials; 5 days labour for landscaping the

Work Required

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Work type	Estimated input	Work Summary
minor_repair	4 days labour	Install 3 grade reversals across surface to intercept water; could be resurfaced to reduce the roughness (encourage people to use the main line) - 2m wide unless used for agricultural access.



1619796611658.jpg - O 23561 12267 (± 5m) 2





1619796566361.jpg - O 23562 12254 (± 6m)



Great Sugarloaf (Section 3)

Start: O 23600 12409 (± 9m)

Section description: Section starts at break in slope (increased gradient). Very wide trampled zone with some signs of braiding (one main braid)

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
345	22	5	0

Substrate		Peat Depth ((cm)	Availability of Materials: Aggregate and block
mineral_soil		0		stone on site
	Minimum	Maximum	Typical	Site Assessment: Easy access for machinery from
Trampled width (m)	2	8	20	car park optional full upgrade 70 days labour or
Bare width (m)	0	5	6	10 days (with supervised excavator)
Eroded depth (m)	0	0.1	0.3	

Work Required

Work type	Estimated input	Work Summary
minor_repair	4 days labour	Install drainage to intercept water and close braids as minimum. Could be upgraded to fully repaired path up to 2m wide using locally won aggregate with anchor bars.



Great Sugarloaf (Section 4)

Start: O 23701 12743 (± 9m)

End: O 23705 12873 (± 4m)

Section description: Section starts at junction with way marked trail. Wide trample zone with multiple braids within this area. Damage is extensive with significant erosion with boulders exposed and some loose stone. Gorse works well to constrain further development.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
145	25	15	0

Substrate		Peat Depth ((cm)	Availability of Materials: Aggegate and stone
mineral_soil		0		on site - (supervised) excavator could be used
				win materials for surfacing (which would red
	Minimum	Maximum	Typical	labour input)
Trampled width (m)	6	7	11	
Bare width (m)	6	7	11	Site Assessment:Could be used as a good
Eroded depth (m)	0.2	0.3	0.7	training site for path workers

Work Required

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Work type	Estimated input	Work Summary
major_repair	200 days labour	Needs to be fully restored with a mix of stone pitching, aggregate surfacing with anchor bars. Braids need closing and significant amounts of landscaping to help retain people on the preferred line. Path to be 1.5 to 2m wide.



1619797944955.jpg - O 23709 12752 (± 5m)



1619798004080.jpg - O 23721 12780 (± 4m)







Great Sugarloaf (Section 5)

Start: O 23706 12875 (± 4m)

End: O 23653 13067 (± 9m)

Section description: Section starts where path splits. Extreme levels of damage with significant gullying due to surface water and footfall up 1.8m deep.

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
208	45	20	0

Substrate	Peat Depth (cm)					Availability of	
mineral_soil	0					significant ar	
							stone - stone
	Minir	num	Maxim	ium	Турі	cal	
Trampled width (m)	10)	20		30)	Site Assessm
Bare width (m)	5		10		15	;	for pitching
Eroded depth (m)	0.	4	0.8		1.8	3	surrounding

Availability of Materials: erosion has removed significant amounts of aggregate and block stone - stone available locallys

Site Assessment:Could be used as a training site for pitching excavator could be used to reprofile surrounding ground under close supervision (which would then reduce labout input)

Work Required

Work type	Estimated input	Work Summary
major_repair	300 days labour	This section could be used for a main line or section 9 - gully could be used to constrain the route Mix of stone pitching and aggregate surfacing with anchor bars. Path to be 1.5m wide (possibly with a few wider 'passing' places')





1619798684249.jpg - O 23712 12918 (± 5m)







1619798547236.jpg - O 23706 12882 (± 5m)

1619800276824.jpg - O 23692 12960 (± 5m)

1619800180210.jpg - O 23704 12945 (± 4m)

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Great Sugarloaf (Section 6)

Start: O 23653 13067 (± 9m)

End: O 23773 13087 (± 4m)

Section description: Top 'cone' of the hill and the main approach to the summit. There is a central gully which is heavily eroded but provides an 'adventure' option of scrambling (not easy on descent). There are multiple braids that intersect. Some braids have loose rock or traverse bedrock. Potential liability issues if renair / construction is done on the gully and it

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
155	58	45	0

Substrate	Peat Depth (cm)					
bedrock	0					
	Minimum		num Maximum		Typical	
Trampled width (m)	20		2	5	30	
Bare width (m)	1	0	1	5	30	
Eroded depth (m)	0.	.2	0.	5	2	

Availability of Materials: Good availability of block stone. May need to winch materials up slope or may need helicopter to relocate stone if there is insufficient nearby (100 bags should be plenty)

Site Assessment: Enough space to create a line without closing path for whole of repair period

Work Required

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Work type	Estimated input	Work Summary
major_repair	250 days labour	Major restoration required with boulder pitching and revetment - careful line selection is important. One option would be to define two routes (intended as ascent and descent - see section 8) and stabilise the gully to prevent boulder collapse. Path to be 1.2 - 1.5m wide





20210430_174626.jpg - O 23675 13099 (± 4m)





20210430 174109.jpg - O 23655 13066 (± 6m)



20210430_182642.jpg - O 23769 13092 (± 4m) 4

20210430_182723.jpg - O 23705 13108 (± 4m)

Great Sugarloaf (Section 7)Start: O 23798 13054 (± 9m)End: (± m)Section description: This section is the south face direct route with loose scree and boulders. The scree slope is significantly eroded and this seciton is visible from a long distance.

Current Condiion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
233	65	65	0

Substrate		Peat Depth (cm)		Availability of Materials:
bedrock		0		
				Site Assessment: Unsustainable braids - steep
	Minimum	Maximum	Typical	ground with loose rock
Trampled width (m)	30	35	50	
Bare width (m)	1	3	10	
Eroded depth (m)	1	1	1	

Work Required

Work type	Estimated input	Work Summary
Light_touch	50 days labour	Landscaping is required to disguise the route and block easy access. Interpretive signs may be required in the short term to explain why this route is being closed.



1619802110142.jpg - O 23798 13054 (± 5m)

20210430_184206.jpg - (± m)

- (± m)

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Great Sugarloaf (Section 8)

Start: O 23790 13099 (± 4m)

Section description: This section is the braid on the north side of the hill. Less steep gradient than the main route / gully but is not currently used heavily. It could be used as a return / descent route and could be used to allow repairs of the main route. However, it would be difficult to encourage people to use this on ascent in the long term (e.g. instead of the main

Current Condtion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
74	50	0	0

Substrate		Peat Depth (cm)		Availability of Materials: Moderately good
bedrock		0		availability; will need large stones winching or
				helicopter
	Minimum	Maximum	Typical	
Trampled width (m)	1	2	12	Site Assessment: Off the main path so could
Bare width (m)	0.5	1	3	potentially be repaired first allowing a diversior
Eroded depth (m)	0	0.3	0.5	when work on the main path is done

Work Required

Work type	Estimated input	Work Summary
early_intervention	100 days labour	Could be alternative route to main route during the repair phase (do this section first); pitching and revetment needed. Path 1.2 - 1.5m wide



End: (± m)

Great Sugarloaf (Section 9)Start: O 23684 13099 (± om)End: (± m)Section description: Alternative section with variable damage along the length. Parts could be used instead of section 5 and/or 6

Current Condiion

Length (m)	Max gradient (%)	Min gradient (%)	Crossfall (%)
416	45	0	0

Substrate		Peat Depth ((cm)	Availability of Materials: Aggregate and block
		0		stone on site if repqirs are required
	Minimum	Maximum	Typical	Site Assessment:
Trampled width (m)	3	4	20	
Bare width (m)	1	2	4	
Eroded depth (m)	0	0.3	0.5	

Work Required

Work type	Estimated input	Work Summary
Light_touch	50 days labour	Landscape restoration at key entry points to disguise the braids and help habitats to re-establish. Time allocated to sections 5 and 6 could be swapped if they are to be disguised instead - needs to be determined at the design stage. Total days allocated needs to be flexible between sections 5,6 and 9 to confirm the best route.

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20210430_183028.jpg - (± m)



20210430_183939.jpg - (± m)



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20210430_184307.jpg - (± m)

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