



Scotland's National Parks - Upland Path Project

The Mountains and The People



Loch Lomond and the Trossachs

Upland Path Audit 2013

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About COAT

The Cairngorms Outdoors Access Trust (COAT) was formed out of Upper Deeside Access Trust (UDAT) in April 2008 to provide an independent Trust that could bring together the key partners to provide innovative access initiatives that would contribute to conservation of the environment and the public enjoyment of the outdoors. The four main streams of activity are:

- to conserve and protect, for the benefit of the public, the natural heritage and environment of the Area by encouraging, developing and implementing the management of access in the Area which integrates the needs of land managers, access users, the local communities and the natural heritage;
- to facilitate and maintain public access to the Area whilst at the same time encouraging a sensitive and planned approach to recreational use therein and access thereto which is sympathetic to and compatible with natural heritage
- to advance the education of the general public in natural heritage, including but not limited to the flora and fauna and environmental and land management aspects, and also in the appropriate and sensitive use of and access to the outdoors
- to promote the public and individual health benefits of the enjoyment of outdoor access

The Trust has had a great deal of success over the years in delivering on these aims, in particular through programmes such as the

- East Cairngorms Access Project (2002-6)
- Community Networks Project (2009-13)
- Cairngorms Mountain Heritage Project (2010-15)
- Walking to Health (2008-15)
- ESF Access Skills Training Project (2011-14)
- Speyside Way and Deeside Way construction programmes

The *Mountains and The People* project sits right at the heart of COAT's objectives through enhancing and protecting the heritage and environment of the mountains throughout Scotland's National Parks.

COAT is a company limited by guarantee, Company No. SC186301 and is a recognised Scottish charity SC028028. Member partners are Aberdeenshire Council, Balmoral Estates, Cairngorms National Park Authority and Scottish Natural Heritage. Registered office: Johnstone House, 52-54 Rose Street, Aberdeen AB10 1HA



Scotland's National Parks – The Mountains and The People

1. Introduction

The Cairngorms Outdoors Access Trust has been asked by the Loch Lomond and the Trossachs National Park Authority and the Cairngorms National Park Authority to develop a partnership project to protect the mountains of Scotland's National Parks and through training, volunteering, educational and promotional work to actively engage the people of Scotland in caring for upland landscapes and habitats.

Partnership is fundamental to the successful development of the project, with both of Scotland's National Park Authorities being the key drivers behind the initiative. The other key funders will be Scottish Natural Heritage, Forestry Commission Scotland, both with access, recreation and conservation major objectives, Charitable Trusts, the private sector via sponsorship, donors through a public appeal and COAT.

The Project

The project will carry out a suite of integrated initiatives with the overarching objective of involving the people of Scotland in the enhancement and protection of the wild and special qualities of the mountains within Scotland's National Parks.

- ***The Upland Path Programme*** – The infrastructure element of the project will upgrade, enhance and repair a suite of prioritised routes in both of Scotland's National Parks using both intensive and light touch path repair techniques. The routes will be prioritised from a list of paths generated through extensive consultation with key stakeholders in a series of workshops. These will include some of the worst path erosion problems in Scotland, including Beinn A Bhlo, Ben Ledi and Mount Keen
- ***The Training Programme*** will run vocational 7 month training courses in the South Loch Lomond and Cairngorms areas to accredit younger people with the skills necessary to take up employment opportunities generated through the project and elsewhere. The programme will look to train 48 people during the project

- ***The Conservation Volunteer Programme*** will recruit, train, guide and support volunteers from the major centres of population to carry out weekend practical conservation work supporting the mountain path programme, including basic construction work, maintenance and habitat management

- ***The Adopt A Path Programme*** will recruit, train, guide and support volunteers in monitoring paths across both National Parks. This will engage users directly in providing the many sets of eyes across the area to feedback information on condition. This will directly influence the aftercare of the mountains through feeding back information on emerging damage before it becomes a major problem, effectively providing a 'stitch in time'.

- ***The Education Programme*** will co-ordinate education opportunities to involve schools, colleges and universities in the care, monitoring and management of the upland paths in both National Parks. There are great educational opportunities in studying the reasons behind erosion, the interaction between habitat, people and climate, changing patterns of recreation and the challenges in managing these in Scotland's National Parks.

- ***The Visitor Information Programme*** will liaise and co-ordinate with visitor management services to ensure the visitors and the wider public are made aware of the responsibilities and implications of managing the upland path resource in both National Parks. This will be through provision of information for events, guided walks, visitor infrastructure, web and social media.

2. *Background*

The Mountains and The People is a 4-year path construction project that brings together the key interests of heritage, tourism and economic development in one project to enhance and protect the special qualities of the Mountains within Scotland's National Parks.

The mountains within Scotland's National Parks contain some of the most valued natural heritage assets in the British Isles, and are renowned for ecology, geomorphology, geology and landscape. These heritage and landscape attributes are also the key tourist attractions for visitors to the area. Over 6 million people visit Scotland's National Parks every year, generating over £400 million in visitor revenue (State of The Park Report, CNPA 2007 and Valuing the Park, LLNPA 2011).

A large proportion comes to enjoy the mountain landscape, either through recreational activity within the mountains themselves or through enjoying the spectacular views and scenery throughout the area. Scotland's mountains are clearly special, but they are also fragile. Over recent decades the boots of those who have come to enjoy and celebrate the mountains has worn away and damaged this habitat. The erosion caused by walkers is exacerbated by climate, with heavy rainfall events and freeze thaw cycles punishing the inherent fragility and friability of vegetation, soils and sub-soils.

This project aims to protect these heritage assets through a programme of upgrade and enhancement to the upland path network. This will provide sustainable access to the hundreds of thousands of people who access these mountains every year, without damaging the landscape that so many people come to enjoy.

3. Selecting Paths

The Loch Lomond and the Trossachs Upland Path Audit is a culmination of consultation to identify and prioritise the upland paths that most require work in order to enhance and protect the upland landscape and heritage that they give access too.

4. Upland Path Survey Techniques

The path condition survey was designed to provide an overall assessment of the current condition of the mountain paths and as such provides:

- A detailed breakdown of costs required to bring the upland path resource to an acceptable standard, such that it can be run on revenue based activity only.
- The framework necessary and estimates of work required to put in place an effective maintenance regime, with works estimates and scheduling.

The audit used established Upland Path Advisory Group approved techniques;

- Context based survey – or 'green' survey provides a desk-based evaluation of the context within which each route lies, including ownership, heritage designations etc.
- Condition Survey – or 'amber' survey provides an objective assessment of the physical condition of each footpath, based on physical and index based measurement. Costs and priorities are generated for the paths surveyed

- Maps of the routes, showing the location of each section.

5. Path Construction Techniques

The techniques identified and recommended for works can be described in terms of '*Machine Built*', '*Hand Built*' and '*Light Touch*'

'Machine Built'

This tends to refer either to a machine built 'hi and dry' footpath style whereby a path is raised using onsite material. Turved ditches are excavated to provide mineral material with a mixed sub-base and graded surface. Where necessary additional material can be sourced through excavation of a 'borrow pit' located at appropriate parts of the site. This type of technique is appropriate for uncontained moorland, and elsewhere when the landscape and habitats are comparatively robust and the site topography lends itself to access.

'Hand Built'

This refers to a fully or part built, hardened footpath surface using either the established hand-built techniques highlighted in the Upland Path Advisory Group's Techniques Manual. Where this has been recommended it indicates that the surveyor considers this approach to be appropriate for the proscribed length of path. These techniques are tried and tested, and construction costs tend to be high. This technique is suitable where the habitat is particularly fragile, slopes are steep, access is limited, and higher up the mountain where landscape values are particularly high. Due to the nature of mountains the bulk of the work falls into this category.

'Light Touch'

This indicates a less intensive approach, with landscaping and definition used to narrow width, and no or little hardening of path surfaces. The management technique shows a profile of greatly reduced unit costs, but requires a higher maintenance commitment over the longer term. More importantly it shows a lighter touch in our wildest and most beautiful mountain landscapes, with reduced visual impact through the use of informal techniques. This approach builds on the plateau techniques trialed successfully during COAT's Cairngorms Mountain Heritage project, and the headwall techniques trialed successfully during NTS' Scotland't Mountain Heritage project.

Whilst this management approach is by definition more difficult to specify, it does lend itself to a *process-led* construction method. This means that there will not be a universal technique, as site conditions and problem solving techniques will vary markedly from site to site. However, provided

the basic principles are followed, the desired effect will be the production of low impact path-work on our most sensitive sites, with pre-emptive techniques largely based on:

- *Route Definition* whereby damage spread will be reduced to the narrowest width possible, and where there are a number of routes evolving that go to the same place, these will be reduced to the minimum number possible. This will require a mixture of off-path techniques such as blocking and landscaping, and a number of on-path techniques designed to make the surface easier to identify. The most important principle here is that by increasing the 'off-path' blocking, we can reduce the 'on-path' construction significantly.
- *Consolidation* whereby on- and immediately off-path techniques are geared towards stabilising slope failure. Techniques will focus on revetment and re-vegetation with emphasis on finding the appropriate blend to stabilise each individual slope failure.
- *Surface Drainage* whereby the emphasis is on shedding the water from the surface before it picks up sufficient momentum to move the slope materials. Water-bars are the traditional technique for this. However, by subtle shifting of path alignment, looking at off-path drainage, and by reducing the formality of water-bar construction, we will be able to produce well-drained slopes far out on the hill without intrusive drainage features.

6. Key Findings

- 34 paths were surveyed totaling 126,857 km
- Total estimated cost of repair to these is £3,047,8023
- 1 of these was given Priority 1, the Main Path at Ben Ledi
- 1 of these paths was given priority 2, Ben A'an
- 18 paths were given Priority 3
- 8 paths were given Priority 4
- 6 paths were given Priority 5

Dougie Baird, October 2013

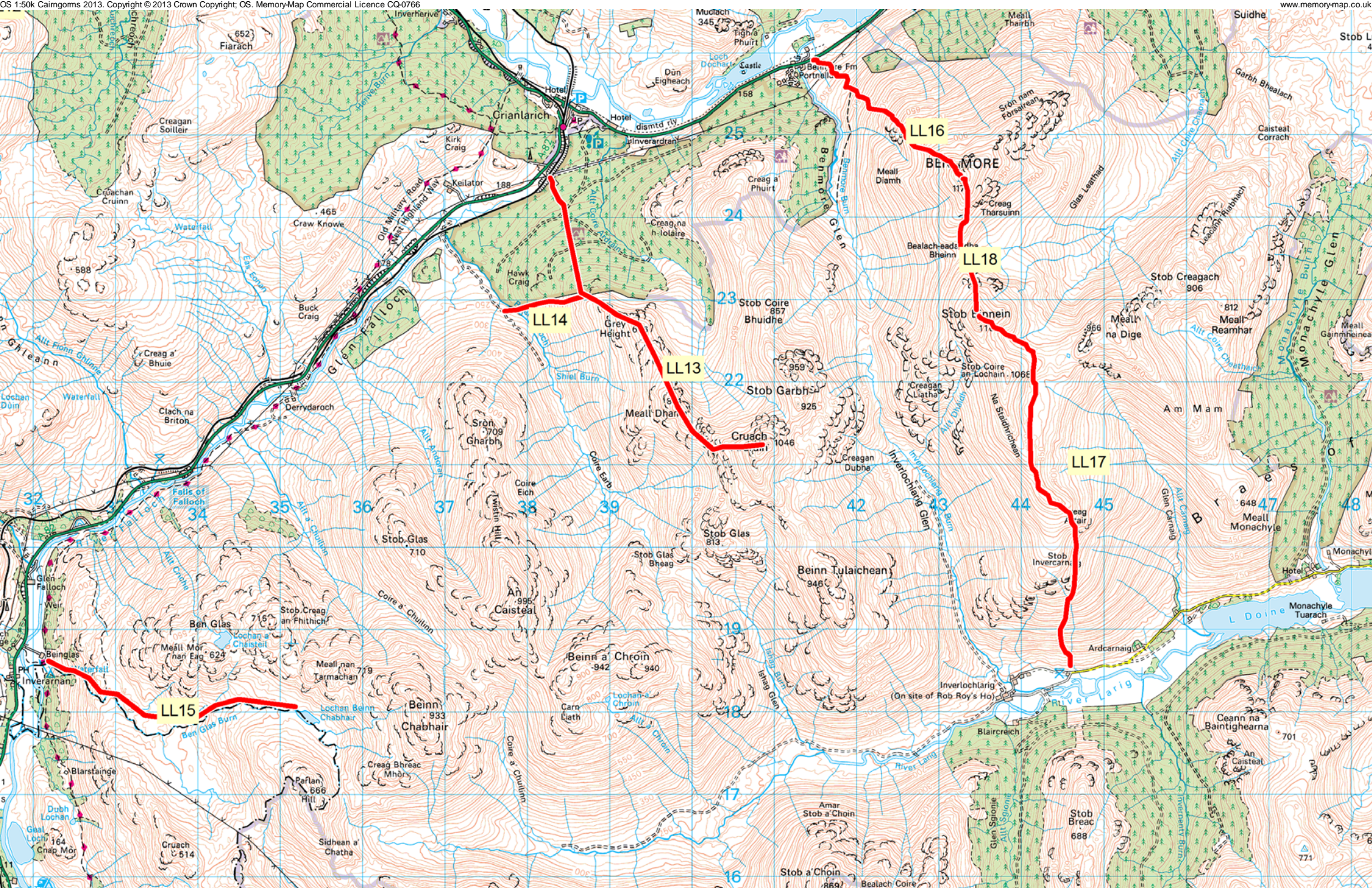
Loch Lomond And Trossachs Paths		Distance (m)	Comment	Priority	Cost	Maint (m/d)
LL1	The Cobbler (main)	5,292	<i>Robust machine built path up to the end of section 4. Lack of waterbars and anchor bars is resulting in a loss of surfacing material. Section 5 is in the poorest condition but will be the most problematic to fix.</i>	3	£127,430	6
LL2	The Cobbler (Return)	1,825	<i>Heavily built path with high usage. Some pitching on sections 2 and 3 being by-passed. Lack of maintenance evident on section 4</i>	4	£33,280	4
LL3	Ben Ime	2,340	<i>Heavily used route to Ben Ime. No previous work has been undertaken. Poor drainage on lower sections.</i>	3	£140,210	5
LL4	Ben Narnain	3,576	<i>Direct route up South East ridge of Ben Narnain. Section 3 is the only part of the route where work is recommended.</i>	3	£79,520	2
LL5	Ben Narnain - Ben Ime	1,183	<i>Direct line up the north west ridge of Ben Narnain. Very visible erosion scar from Ben Ime. A secondary desire line from the Cobbler joins on to this route.</i>	3	£49,520	4
LL6	Ben Vane	2,767	<i>Path to the top of Ben Vane follows a direct route up the SE ridge. Any work would need to use hand build techniques. Section 4 requiring any path to be built in and around bedrock</i>	3	£172,420	5
LL7	Ben Vorlich(Lomond) - Ardlui	5,428	<i>This route generally follows an ATV track onto the North ridge of Vorlich. Does not appear to be as well used as other routes onto this hill. Route should be monitored with no work recommended for now.</i>	5	£23,560	3
LL8	Ben Vorlich (Lomond) - Inveruglas	3,240	<i>Lightly used route from Inveruglas up the south ridge of Ben Vorlich over several little tops. No obvious erosion scars. No work required.</i>	5	£0	0
LL9	Ben Vorlich (Lomond) - Sloy	1,060	<i>Direct route to the South ridge of Vorlich from close to the Loch Sloy dam. Very steep and badly eroded. Needs work to stop erosion spreading</i>	3	£72,640	6

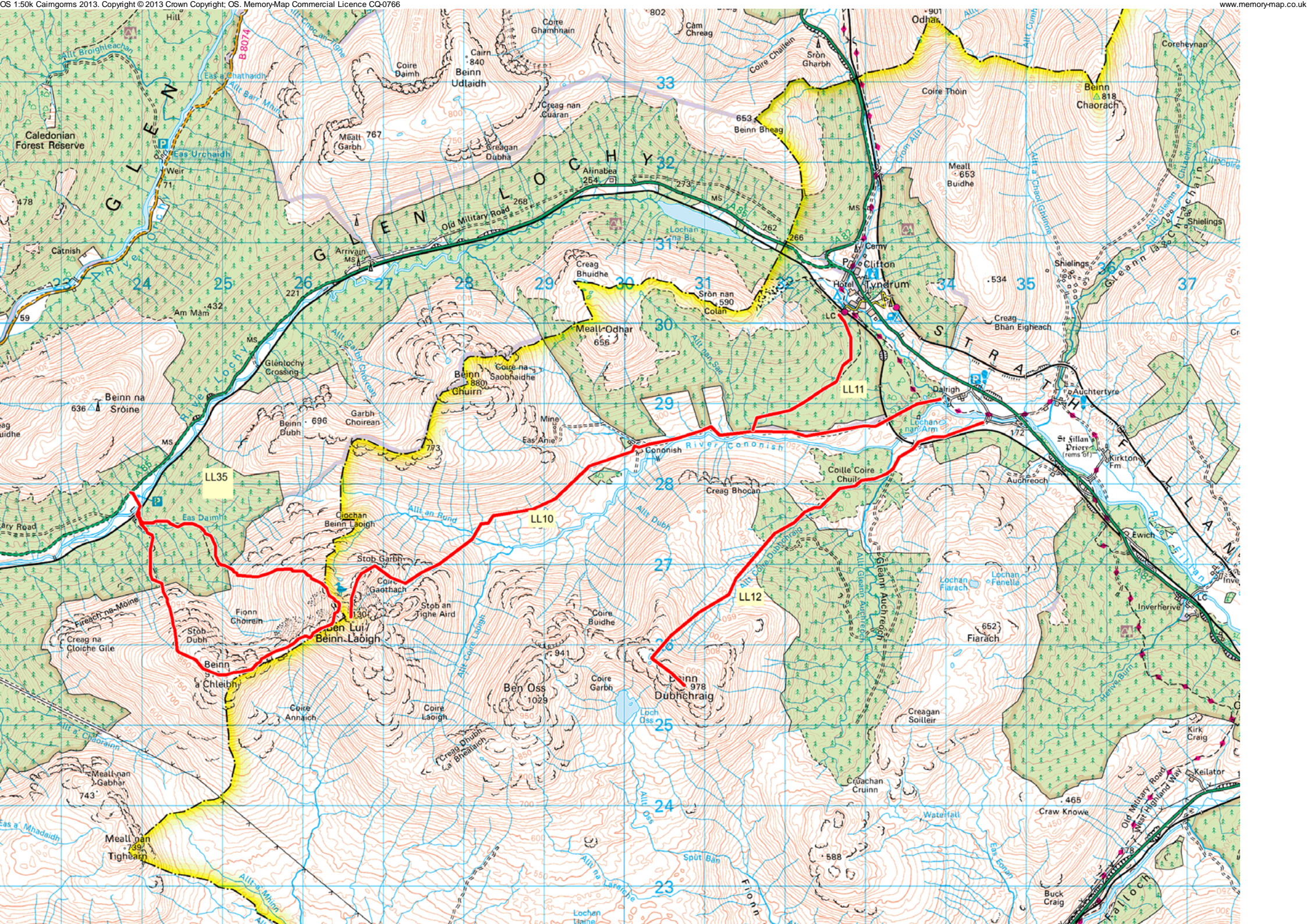
LL10	Ben Lui - Dalrigh	8,996	<i>Fairly robust route onto Ben Lui- steep Coire approach beginning to breakdown requiring work, light touch only on upper Coire</i>	3	£91,000	5
LL12	Ben Dubhchraig	6,309	<i>Popular route following the Allt corrie Dubhchraig. Very wet for most of the route with multiple braids and path spread.</i>	3	£270,960	9
LL13	Cruach Ardrain (Crianlarich)	6,548	<i>Some very wet sections lower down in the forestry. Would recommend using a machine on these sections. Hand built work on sections 5 & 6 would help prevent further erosion.</i>	4	£125,610	8
LL14	Cruach Ardrain (A82)	1,040	<i>A shorter route from the layby on the A82 to meet up with LL13. Fairly wet underfoot but no Scar visible from the road. Monitor only</i>	5	£0	0
LL15	Bein Glas PROW	3,300	<i>The first three sections climbing past the waterfall are badly gullyed and would require to be built by hand. The upper sections appropriate for machine build.</i>	3	£128,742	6
LL16	Ben More	3,061	<i>Very steep line on uncontained ground on section 2. Could be worth realignment onto drier, more robust and better contained line to the right</i>	3	£185,000	6
LL17	Stob Binnein	5,295	<i>Small amounts of pre-emptive work only required on this steep, wet but robust route. Currently lower use path onto the massif with majority of access from the North</i>	4	£38,000	4
LL18	Ben More - Stob Binnein	1,875	<i>Steep slopes leading from bealach to both summits with access via Ben More farm track. Mobile and eroding, well worth doing 'stitch in time' repairs now</i>	3	£30,000	4
LL19	Balquhidder PROW	5,577	<i>Fairly robust but wet hill path. South of lochan recommend hand build due to access and gradient difficulties. North side (Dochart) lends itself to machine high and dry raised path. Heavily grazed by sheep/cattle on Dochart side.</i>	3	£216,685	3

LL20	Ben Vorlich(Earn) - North	2,458	<i>The most popular route to Ben Vorlich. Section 1 has been heavily built in the past but due to lack of maintenance the path is in very poor condition and requires a full re-build.</i>	3	£67,440	8
LL21	Stuc A Chroin (Return)	1,055	<i>Popular route bypassing the steep buttress on stuc a Chroin. Also used as a reurn route. Generally in good condition but some 'light touch' work on section 2 would help to prevent further erosion.</i>	4	£7,920	2
LL22	Ben Vorlich(Earn) - Stuc a Chroin	1,905	<i>Popular route linking the two munros of Ben Vorlich and stuc a' Chroin. Path generally sticks to the crest of the ridge and is well drained and contained. No work required.</i>	5	£0	0
LL 23	Stuc A Chroin - Return	2,036	<i>Frequently used return path bypassing the summit of Ben Vorlich. Wetter ground on section 1 is leading to path spread. Otherwise well contained.</i>	4	£45,480	2
LL 24	Ben Vorlich (Earn) - South	3,082	<i>Route to summit of Ben Vorlich via the south ridge. Appears to be lightly used. Path line visible but well contained. No work required.</i>	5	£0	0
LL25	Stuc a Chroin	2,740	<i>Lightly used path up gentle sloping grassy Southern ridge of Stuc a Chroin. Line intermitant in places. Well contained with good drainage. No work required.</i>	5	£0	0
LL26	Glen Finglas PROW	4,839	<i>Fairly robust but wet hill/stalkers path along full length. Would lend itself to machine high and dry build. Exception being small rise at start requiring full build pitching/revetment stabilization works.</i>	4	£98,060	4
LL27	Ben Ledi - (main)	4,590	<i>Ben Ledi main path is in desperate condition above the dyke ful build - should be possible to get machine into top sections from south</i>	1	£135,000	6
LL28	Ben Ledi - (The Stank)	3,122	<i>Heavy build in lower forest section - middle parts of route already well built little needed on the upper slopes at present</i>	3	£40,000	3

LL29	Ben A'an	1,907	<i>Ben A'an has had previous work, some of which has worked, but much has not. Sections need either fully built or partially rebuilt</i>	2	£207,000	9
LL30	Ben Venue - Loch Achray	4,571	<i>The first four sections up to the top of the forestry fence are in good condition with only minor maintenance work required. Sections 5 & 6 require a robust hand built path.</i>	3	£95,060	6
LL31	Ben Venue - Loch Ard	5,110	<i>This route to Ben Venue follows the Ledard burn for most of the way. It is very wet in places. No previous work has been undertaken</i>	3	£171,450	7
LL32	Braeval to Loch Venacher	8,025	<i>Sections either end through plantations would require extensive high and dry solution with culvert drainage. Middle section through grazing land again raised path but not as damaged. Would lend itself to machine build. Middle section heavily grazed by sheep.</i>	4	£110,500	9
LL33	Ben Lomond	1,634	<i>Massively popular route on FC section of the Ben Lomond main path. In need of almost complete refurbishment, mostly handbuilt due to topography</i>	3	£92,000	7
LL34	Conic hill	1,840	<i>First 3 sections on refurbished WHW. Short steep path onto the ridge is deteriorating rapidly and in need of full build</i>	3	£20,000	2
LL35	Ben Lui and Beinn A Chleibh (A85)	9,231	<i>Generally robust route which would benefit from general drainage/water deflection and habitat management works. Greater concern is railway crossing, very popular as river bridge impassable in spate, could have dire consequences in future.</i>	4	£173,315	8
TOTAL LLNPA		126,857			£3,047,802	153









Path Number: LL1	Path Name: The Cobbler	Distance: 5.292km	Location: NN29422704850 to NN2596905851
Landowner: FCS	Designations: NPC	Land Management Priorities: Forestry/Sporting/stewardship	
Use: Popular route used by hillwalkers to access the Cobbler and other surrounding hills			
Previous Path Management: Sections 1 – 4 have previously been machine built. No work has been undertaken on sections 5 and 6. There is no evidence of any on-going maintenance work.			
Path Management Constraints: <ul style="list-style-type: none"> Any work on sections 5 and 6 should be only considered during the summer months. 			
Path Condition: <ul style="list-style-type: none"> Lack of drainage features on the lower path has resulted in a lot of the surfacing washing off and exposing geotextiles. Lack of maintenance on section 3 is producing the same result. No work has been undertaken on section 5 or 6. 			
Recommendations: <ul style="list-style-type: none"> Sections 1 and 2 – resurface and additional drainage features. Section 3 – rebuild or extend some waterbars and cross drains Section 5 – Full build required Section 6 -light touch work to prevent further erosion. 			
Maintenance: Once work is complete an on-going maintenance program will be required to prevent water damage			

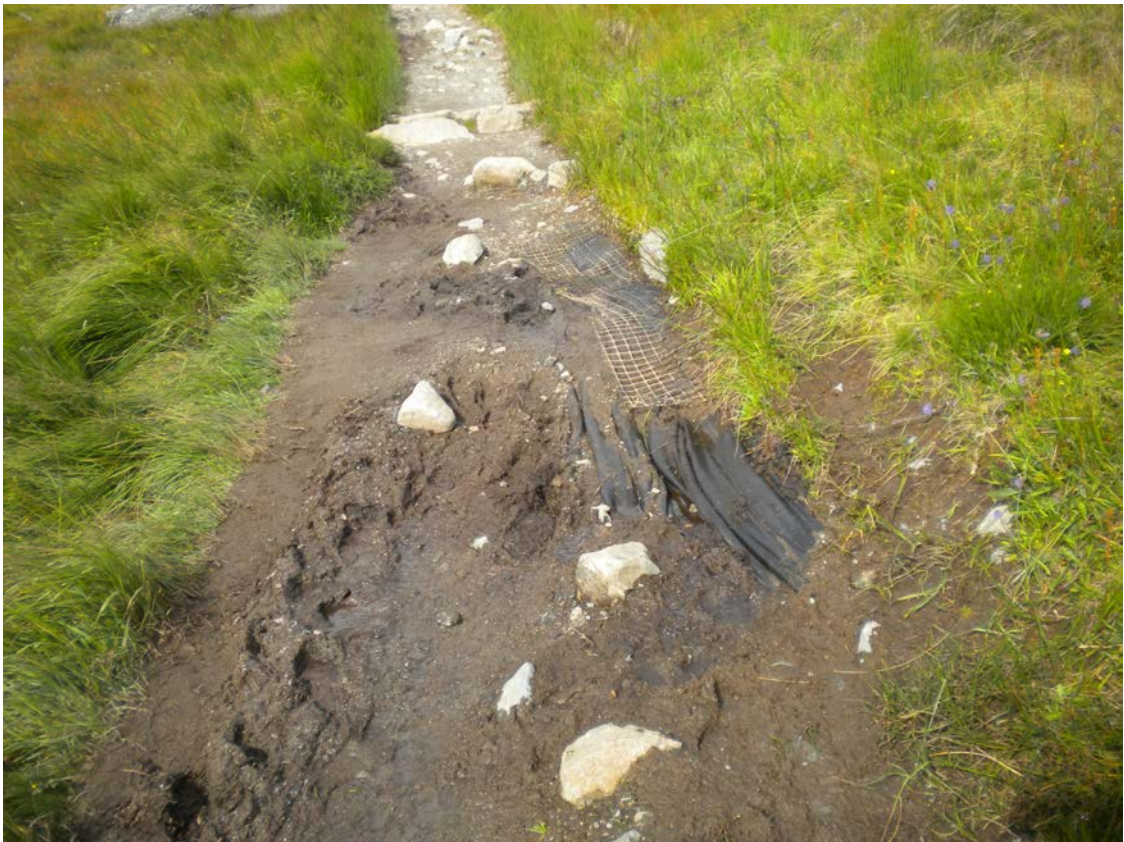
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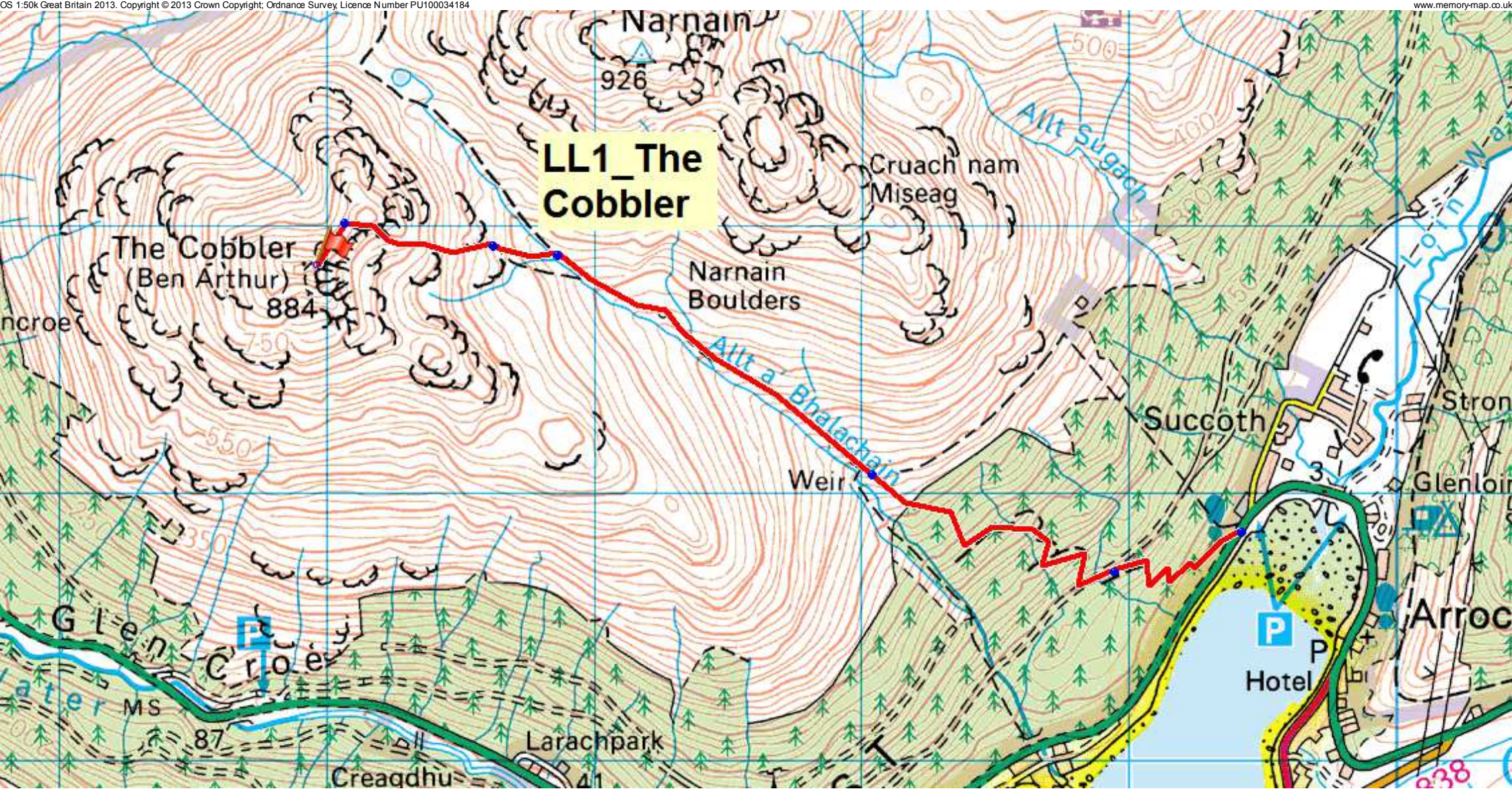


section 2



Section 3






Cairngorms Outdoor Access Trust

Weather showery
Date 5th September 2013
Audit No LL1
Path Name The Cobbler
Surveyor Donald Mackenzie
Start NN2942704850
End NN2596905851

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	902	NN2942704850	Agg.	start	1/0	1.30	1.30	0	12/27	5	4	5	5	4	5	1	0
Built Features										Description							
XD			Pitching		SD		Revet			Machine built path from start to junction with forestry road. Surfacing thin in places exposing terram							
WB			Agg.	902	.....		PC	4									
2	1731	NN2894804698	Agg.	Junction	1/0	1.30	1.5	0.2	14/28	4	4	4	4	4	4	1	34,620
Built Features										Description							
XD			Pitching		SD		Revet			From junction to weir at top of plantation. Machine built path surfacing washing off due to lack of WBS and ABS. Gullying evident on some corners							
WB			Agg.	1731	.....		PC	17									
3	1527	NN2804605066	Agg.	White stob	1/0	1.20	1.8	0.3	9/12	4	3	3	3	4	3	1	30,540
Built Features										Description							
XD			43	Pitching	62	SD	975	Revet		features. No maintenance resulting in full crossdrains leading to water damage to path surface. Some Wbs need rebuilt							
WB			12	Agg.	1527	Abs	6	.....								
4	271	NN2686905883	Agg.	Junction	1/0	1.2	1.4	0	14/5	4	4	5	4	5	4	1	2,710
Built Features										Description							
XD			5	Pitching	10	SD	78	Revet		From junction to end of built path. Some Waterbars need extending							
WB			7	Agg.	261	.....										
5	628	NN2662805921	Bedrock/agg	End of built	1/0	1.5	3.50	0.3	37/4	2	2	2	2	3	3	2	50,240
Built Features										Description							
XD				Pitching		SD		Revet		Steep climb directly onto ridge. Pathline acting as a burn. Pitching around bedrock required							
WB				Agg.	498	.....										
6	233	NN2607906003	Agg/bedroc	Ridge	1/1	0.80	3.50	0.1	28/19	3	4	3	3	3	4	0	9,320
Built Features										Description							
XD			0	Pitching	0	SD	0	Revet		From ridge up to summit. Some light touch work required to consolidate line							
WB			0	Agg.	233	.....										
Total	5292														4	6	127,430
Built Features										Description							
XD			48	Pitching	72	SD	975	Revet		Robust machine built path up to the end of section 4. however lack of waterbars and anchor bars is resulting in a loss of surfacing material. Section 5 is in the poorest							
WB			19	Agg.	5152	Abs	6	PC	21								

Path Number: LL2	Path Name: The Cobbler - return	Distance: 1.825km	Location: NN2604705959 to NN2686805882
Landowner: FCS	Designations: NPC	Land Management Priorities: Forestry/Sporting/stewardship	
Use: Return route to the Cobbler main path. Also used as an alternative for accent.			
Previous Path Management: Sections 2 – 4 have been previously built to a high specification. No work has been undertaken on section 1			
Path Management Constraints: <ul style="list-style-type: none"> • Any work undertaken on section 1 will need to be carried out during the summer months • Steep slopes rule out machine built path on section 1 			
Path Condition: <ul style="list-style-type: none"> • Sections 2 and 3 are robust and consist mainly of pitching • Drainage features on section 4 are being bypassed and need extending to protect surfacing 			
Recommendations: <ul style="list-style-type: none"> • Section 1 – ‘light touch’ work to consolidate line. • Section 2 & 3 –No work required • Section 4 – Extend or re-build some drainage features. 			
Maintenance: Once built the path will need on-going maintenance.			
Section 1.			
			

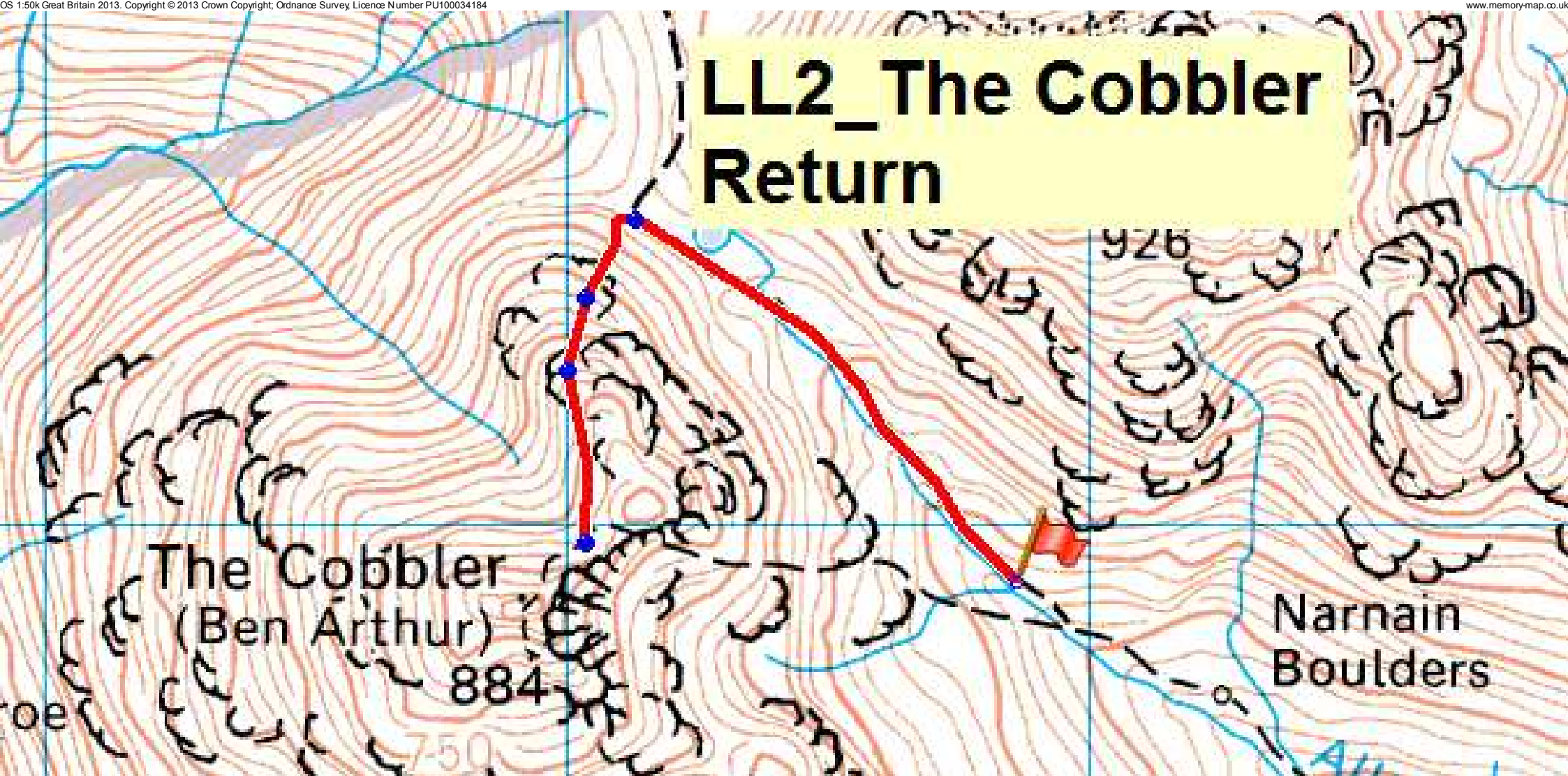
Section 3



Section 4



LL2_The Cobbler Return



The Cobbler
(Ben Arthur)

884

Narnain
Boulders

926

oe

Cairngorms Outdoor Access Trust

Weather Dry, windy
Date 5th September 2013
Audit No LL2
Path Name The Cobbler return
Surveyor Donald Mackenzie
Start NN2604705959
End NN2686805882

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	351	NN2604705959	Agg/veg	junction	1/2	1.40	6.00	0.1	13/26	4	3	3	3	4	3	1	10,530

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Start of return loop leaving ridge. Three separate tram lines. Consolidate into one line with 'light touch' techniques

2	106	NN2600906291	Pitching	I.A	1/0	0.75	0.75	0	38/4	5	5	5	5	5	5	1	0
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Built Features

XD	1	Pitching	98	SD		Revet	
WB		Agg.	8	

Description

Steep pitched section. Some stretches of pitching are being by-passed.

3	232	NN2604306431	Agg/pitch	End of pitch	1/1	0.50	1.2	0	38/4	5	5	5	5	5	5	1	0
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Built Features

XD		Pitching	109	SD		Revet	
WB		Agg.	123	

Description

Heavily built path down to junction with stretches of pitching. Some braiding evident to the side of pitching. Surfacing thinning in places exposing geotextiles.

4	1136	NN2613806577	Agg.	Junction	1/0	1.2	1.5	0	12/4	4	4	4	4	4	4	1	22,720
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Built Features

XD	28	Pitching	0	SD	834	Revet	
WB	26	Agg.	1136		Pc	3

Description

From junction to link up with main Cobbler path. Machine built path. Surface erosion due to lack of maintenance. Some Wbs need extending


Total	1825														4	4	33,250
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Built Features

XD	29	Pitching	207	SD		Revet	
WB	26	Agg.	1267	Other		Pc	3

Description

Heavily built path with high usage. Some pitching on sections 2 and 3 being by-passed. Lack of maintenance evident on section 4

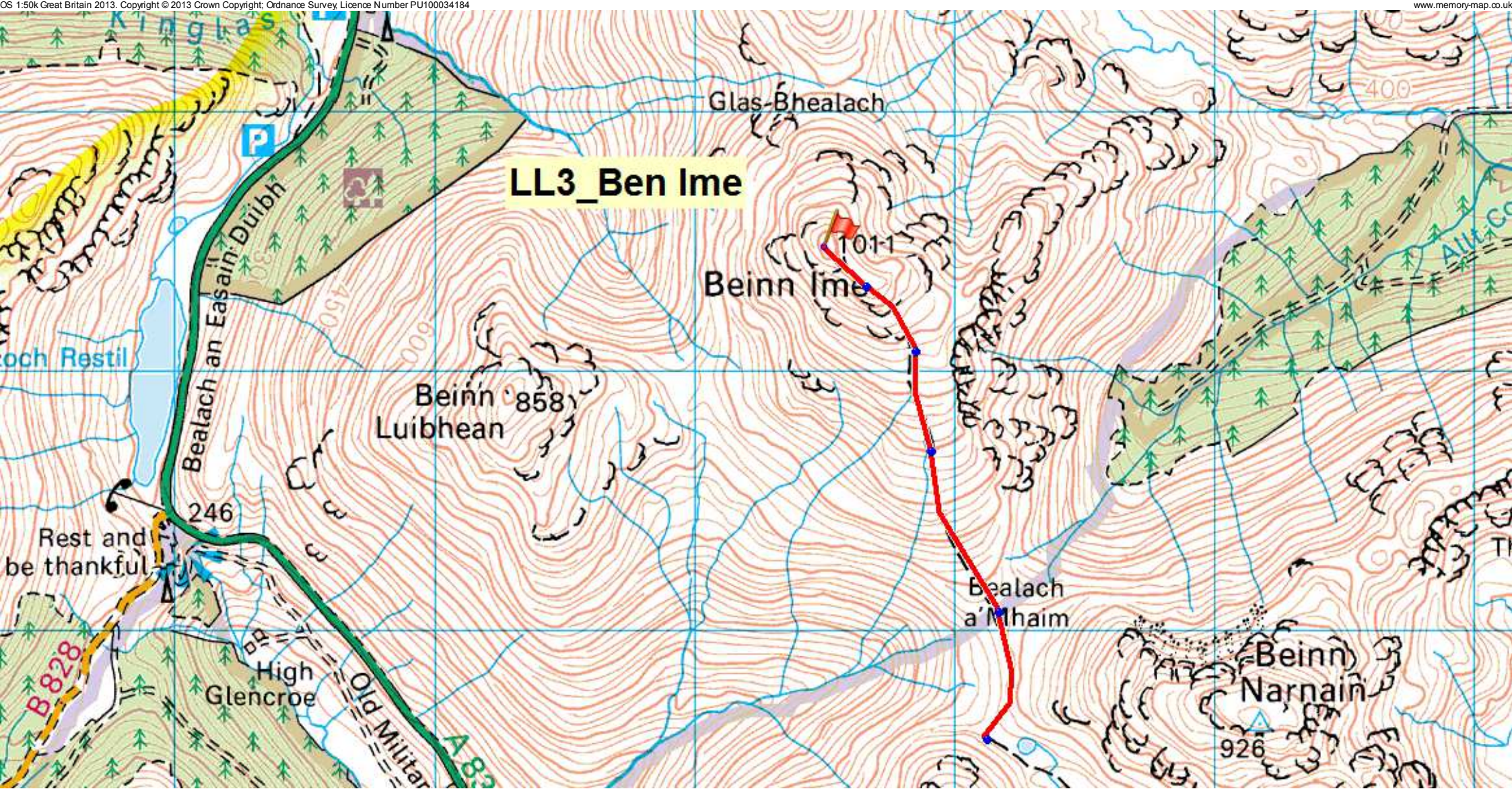
Path Number: LL3	Path Name: Ben Ime	Distance: 2.360km	Location: NN2613706574 to NN2550208475
Landowner: t.b.c	Designations: NPC	Land Management Priorities: Sporting/stewardship	
Use: Main route for accessing Ben Ime			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Due to the distances involved in getting to the site remote accommodation systems may be needed if work is to be undertaken in the future. 			
Path Condition: <ul style="list-style-type: none"> • Poor drainage on lower sections of the path has produced an obvious erosion scar • Sections 4 and 5 are better drained 			
Recommendations: <ul style="list-style-type: none"> • Section one to three – full build required. • Section 4 – light touch works • Section 5 – no work required at present. 			
Maintenance: Once built the path will need an on-going maintenance program.			
Section 1.			
			

Section 2



Section 3





LL3_Ben Ime

Beinn Ime
1011

Beinn Luibhean
858

Beinn Narnain
926

Bealach an Easain Duibh

Bealach a'Mhaim

Rest and
be thankful

High
Glencroe

Old Military

P

B828

A83

Cairngorms Outdoor Access Trust

Weather Showery
 Date 6th September 2013
 Audit No LL3
 Path Name Ben lme
 Surveyor Donald Mackenzie
 Start NN2613706574
 End NN2550208475

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	551	NN2613706574	Veg	junction	1/3	1.50	6.80	0.3	7/15	4	2	3	3	4	3	1	33,060

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From junction with Cobbler return path to gate at fence line. Very wet section which may require geotextiles.

2	734	NN2817807062	Veg	Gate	1/0	2.10	4.5	0.1	26/7	4	2	3	3	3	3	1	58,720
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Built Features

XD	0	Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From gate up to first band of bedrock. No previous work. Full build required.

3	473	NN2592007685	Veg/Agg	bedrock ban	1/0	1.30	2.2	0	21/6	4	2	3	3	4	3	1	37,840
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Built Features

XD		Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From bedrock band up to small burn crossing. Drainage poor in places. Bedrock close to surface.

4	353	NN2586008071	Agg/rock	Burn	1/0	0.8	1.4	0.2	24/3	3	4	3	3	3	3	2	10,590
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Built Features

XD	0	Pitching	0	SD	0	Revet	
WB	0	Agg.	0		Pc	0

Description

From burn and increase in angle onto ridge. 'light touch' works required to contain line and help drainage.

5	249	NN2566908319	Agg	Ridge	1/1	0.4	0.60	0	13/3	5	4	4	4	4	4	0	0
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XD	0	Pitching	0	SD	0	Revet	
WB	0	Agg.	0		Pc	0

From decrease in angle on ridge to summit cairn,. Well contained path line. No work required.


Total	2360														3	5	140,210
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Pc	0

Description

Heavily used route to Ben lme. No previous work has been undertaken. Poor drainage on lower sections.

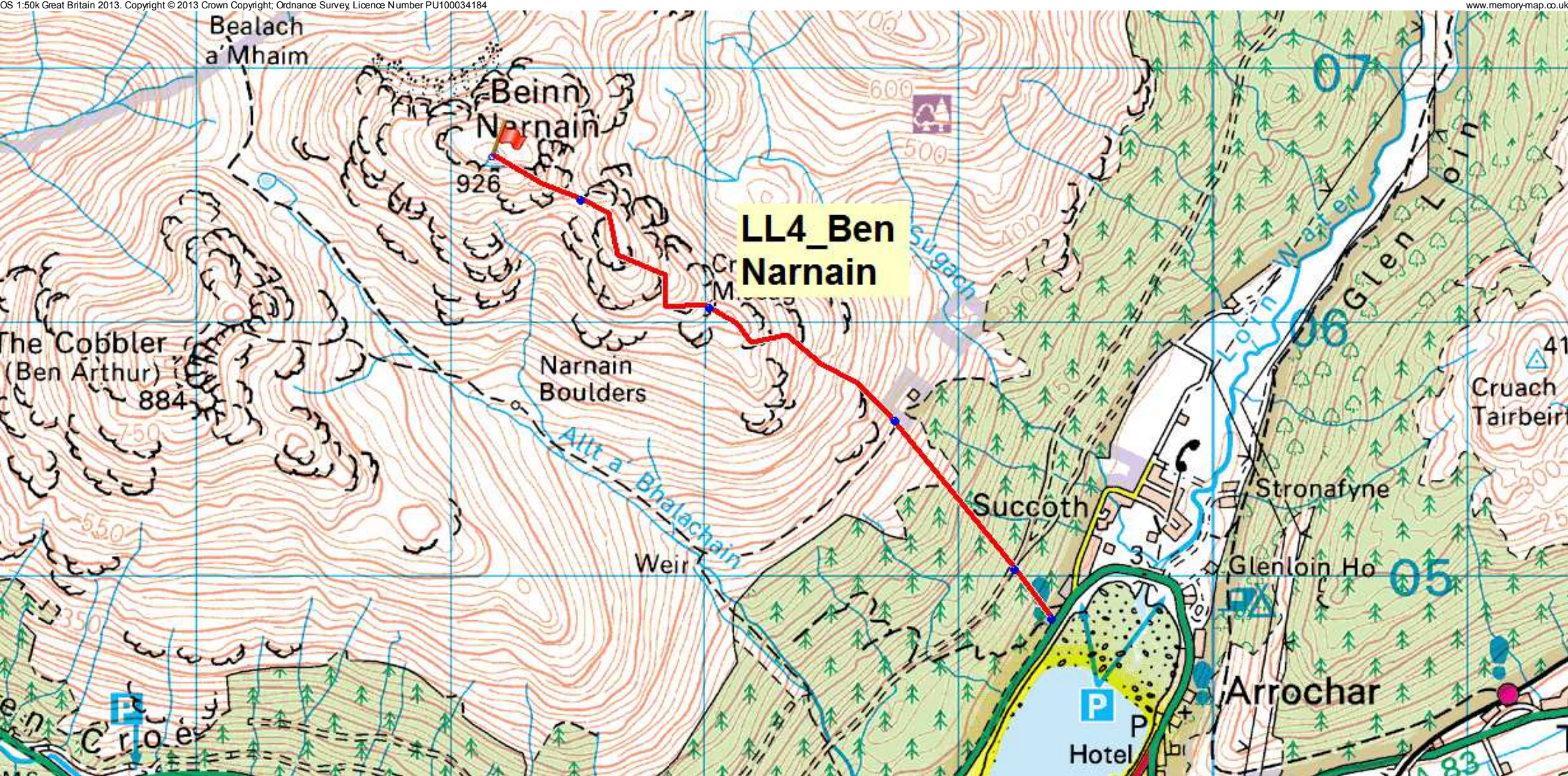
Path Number: LL4	Path Name: Ben Narnain	Distance: 3.576km	Location: NN2717006645 to NN2937104823
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Direct route up South East ridge of Ben Narnain. More popular as a descent route.			
Previous Path Management: No previous Path management.			
Path Management Constraints: <ul style="list-style-type: none"> Any work will carried out will be 'hand-built' due to steepness of ground and bedrock 			
Path Condition: <ul style="list-style-type: none"> Sections 1 & 2 from the summit involve some scrambling and are well contained Section 3 has a more prominent erosion scar and is poorly drained. Sections 4 & 5 are poorly drained but well contained by the tree line. 			
Recommendations: <ul style="list-style-type: none"> Section one and two – No work Section 3 – Full build required. Section 4 & 5 – Possiblr re-route onto the Cobbler –main path. 			
Maintenance: Once built the path will require an on-going maintenance program			
Section 1.			
			

Section 2



Section 3





Cairngorms Outdoor Access Trust

Weather Showery
Date 6th September 2013
Audit No LL4
Path Name Ben Narnain
Surveyor Donald Mackenzie
Start NN2717006645
End NN2937104823

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	618	NN2717006645	Rock/Agg	summit	1/0	0.50	0.80	0.3	34/2	2	5	4	4	4	4	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Initial steep drop from summit. Some easy scrambling involved. No work required.

2	767	NN2752006473	Agg/Rock	D.A	1/0	0.40	1.8	0.3	29/2	2	3	4	4	4	4	0	0
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Built Features

XD	0	Pitching	0	SD		Revet	
WB		Agg.	0	

Description

Continuation on crest of ridge. No work recommended at present.

3	1136	NN2802706050	Agg/Rock	D.A	1/1	0.60	2.5	0.4	27/8	3	2	3	3	4	3	3	79,520
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Built Features

XD		Pitching	0	SD		Revet	
WB		Agg.	0	

Description

Path continues down ridge to reach a junction. Steep in places with some gullying. Full hand built path required.

4	808	NN2875305605	Agg.	Junction	1/0	0.7	3.2	0.3	23/5	3	2	3	3	3	3	0	0
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Built Features

XD	0	Pitching	0	SD		Revet	
WB	0	Agg.	0		Pc	0

Description

Desire line to car park at the bottom of the hill. Possibly re-route onto the Cobbler main path from the start of the section.

5	247	NN2922605017	Agg	Road	1/0	0.4	1.20	0.1	16/5	3	2	3	3	3	3	0	0
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XD	0	Pitching	0	SD	0	Revet	
WB	0	Agg.	0		Pc	0

continuation of line down to car park from where it crosses the forestry road. Could be avoided by re-route to the Cobbler main path from the start of section 4


Total	3576														3	3	79,520
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Built Features

XD	0	Pitching	0	SD		Revet	
WB	0	Agg.	0	Other		Pc	0

Description

Direct route up South East ridge of Ben Narnain. Section 3 is the only part of the route where work is recommended.

Path Number: LL5	Path Name: Ben Narnain from Bealach a Mhaim	Distance: 1.183km	Location: NN2624407009 to NN2717106647
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Popular route to the summit of Ben Narnain from Ben Ime and the Cobbler			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> Distance and walk-in time could potentially see a remote accommodation system being used. 			
Path Condition: <ul style="list-style-type: none"> Section 1 – crosses very wet ground Section 2 – very visible erosion scar becoming worse with path spreading either side Section 3 – evolved line over dry ground and well contained. 			
Recommendations: <ul style="list-style-type: none"> Section 1 – full build required Section 2 – Full build required. Section 3 – No work required at present. 			
Maintenance: Once built the path will require a maintenance program.			
Section 1			
			

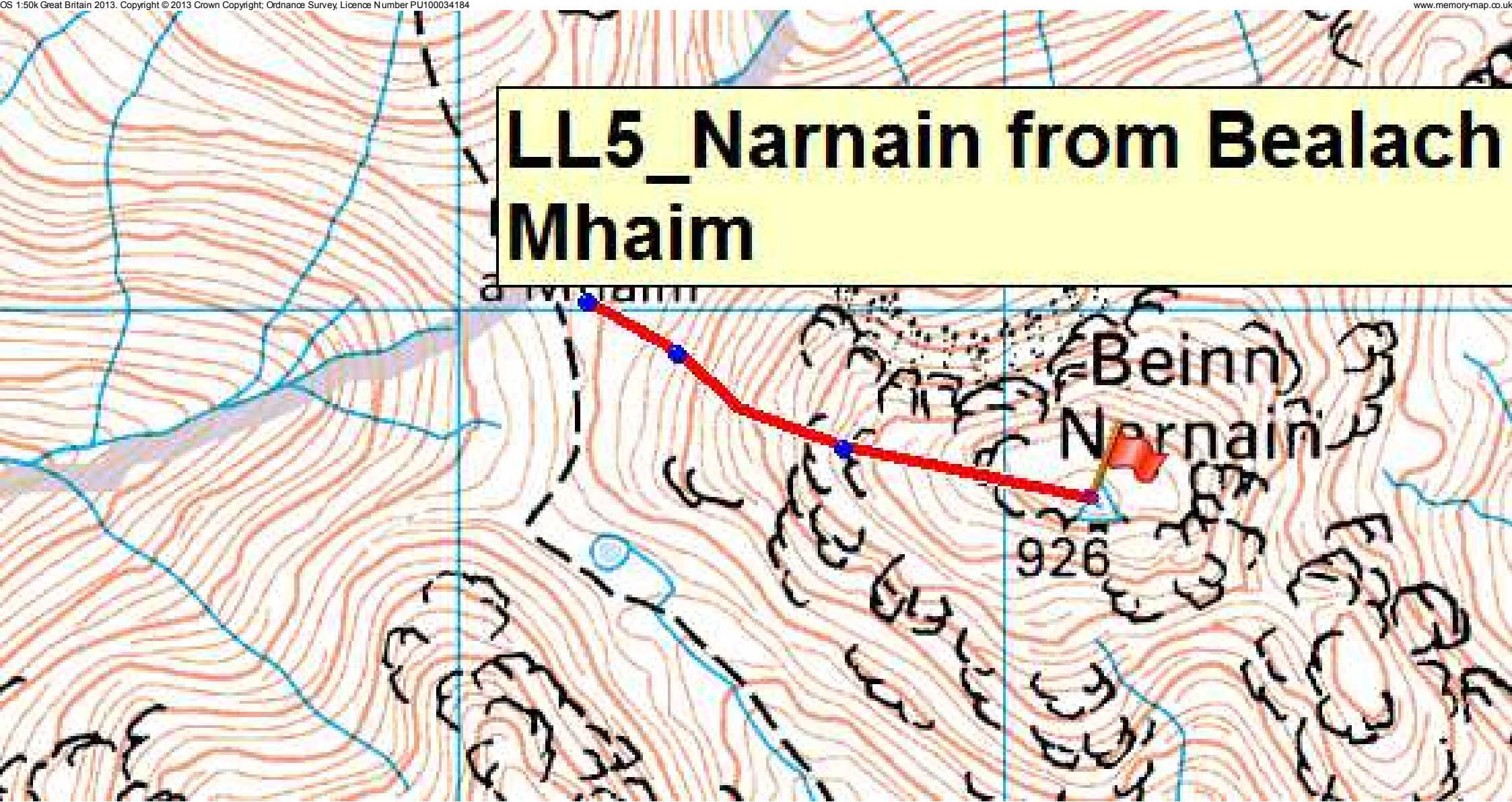
Section 2



Section 2



LL5_Narnain from Bealach Mhaim



Cairngorms Outdoor Access Trust

Weather Showery
Date 6th September 2013
Audit No LL5
Path Name Narnain from Bealach a Mhaim
Surveyor Donald Mackenzie
Start NN2624407009
End NN2717106647

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	216	NN2624407009	veg	start	1/0	0.30	1.60	0	12/3	4	2	4	4	4	4	2	12,960

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From start to increase in angle before gullyed section. Very wet at beginning of section with pigeon holing visible towards the end of section

2	457	NN2641106912	Agg.	I.A	1/1	1.50	3.2	0.7	32/4	3	2	2	2	3	2	2	36,560
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Built Features

XD	0	Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From increase in angle directly up ridge to boulder field. Badly gullyed section, spreading where gullying is deepest. Full buld required.

3	510	NN2671406737	Agg.	Boulderfield	1/0	0.40	1.1	0	14/8	4	5	4	4	5	4	0	0
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Built Features

XD		Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From boulderfield to Narnain summit. Well contained line on solid ground. Well drained. No work required


Total	1183														3	4	49,520
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Pc	0

Description

Direct line up the north west ridge of Ben Narnain. Very visible erosion scar from Ben Ime. A secondary desire line from the Cobbler joins on to this route.

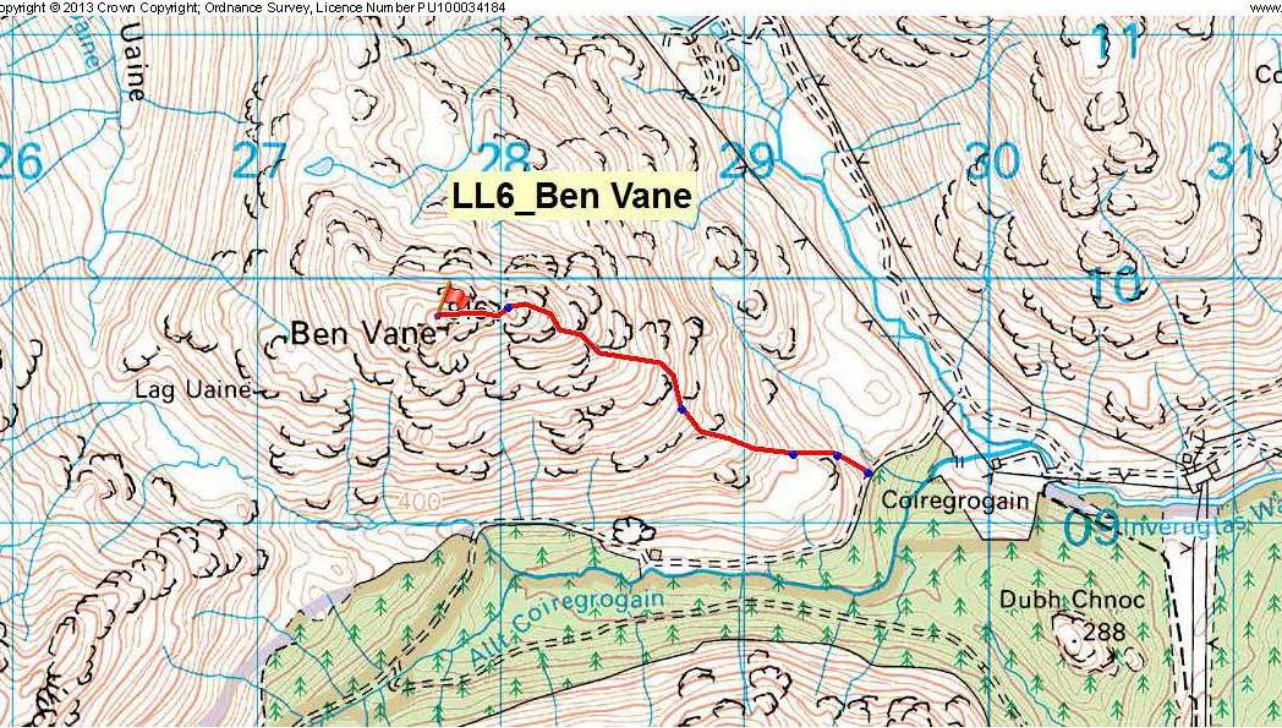
Path Number: LL6	Path Name: Ben Vane	Distance: 2.767km	Location: NN2950809201 to NN2775109841
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Popular route with hill walkers / Munro baggers directly up the South east ridge of Ben Vane			
Previous Path Management: No previous path management.			
Path Management Constraints: <ul style="list-style-type: none"> • Gradient of the path line will rule out a machine built path 			
Path Condition: <ul style="list-style-type: none"> • Due to it being such a direct line there is bad gullying in places and an obvious erosion scar from the Sloy road. 			
Recommendations: <ul style="list-style-type: none"> • Full build required on sections 1 - 4 • Section 5 – No work required at present 			
Maintenance: Once a path has been built a maintenance program should be put in place.			
Section 1.			
			

Section 2



Section 3





Cairngorms Outdoor Access Trust

Weather Dry, windy
Date 4th September 2013
Audit No LL6
Path Name Ben Vane
Surveyor Donald Mackenzie
Start NN2950809201
End NN2775109841

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	260	NN2950809201	Veg	start	1/2	0.60	3.80	0	12/17	3	2	3	3	4	3	1	15,600

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Three separate lines through very wet ground converge at end of section. Full build required with geotextiles

2	233	NN2938309271	Agg/veg	I.A	1/0	0.40	2.1	0.4	32/7	3	2	2	3	3	3	1	18,640
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Path continues directly up steep slope. Deep gullying in places, pigeon holing to side. Scar spreading.

3	579	NN2920609275	Veg	D.A	1/0	1.10	4.5	0.1	16/4	4	2	4	4	4	4	1	34,740
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Pathline follows gentle slope of lower ridge. Poor drainage in places leading to path spread. Section ends at increase in angle.

4	1293	NN2875009459	Agg.	I.A	1/0	0.8	2.2	0.6	41/3	3	4	3	3	3	3	2	103,440
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Built Features

XD	1	Pitching	32	SD	78	Revet	
WB	4	Agg.	83		ABS	7

Description

Path follows ridge weaving in and out of crags and bedrock. Some bad gullying but well contained.

5	402	NN2804009874	Bedrock/agg	I.A	1/1	0.5	0.80	0.1	43/4	2	4	4	4	3	4	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.	498			

Description

Last pull up to summit. Very steep. Mainly on bedrock. No work required.


Total	2767														3	5	172,420
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Other		ABS	

Description

Path to the top of Ben Vane follows a direct route up the SE ridge. Any work would need to use hand build techniques. Section 4 requiring any path to be built in and around bedrock

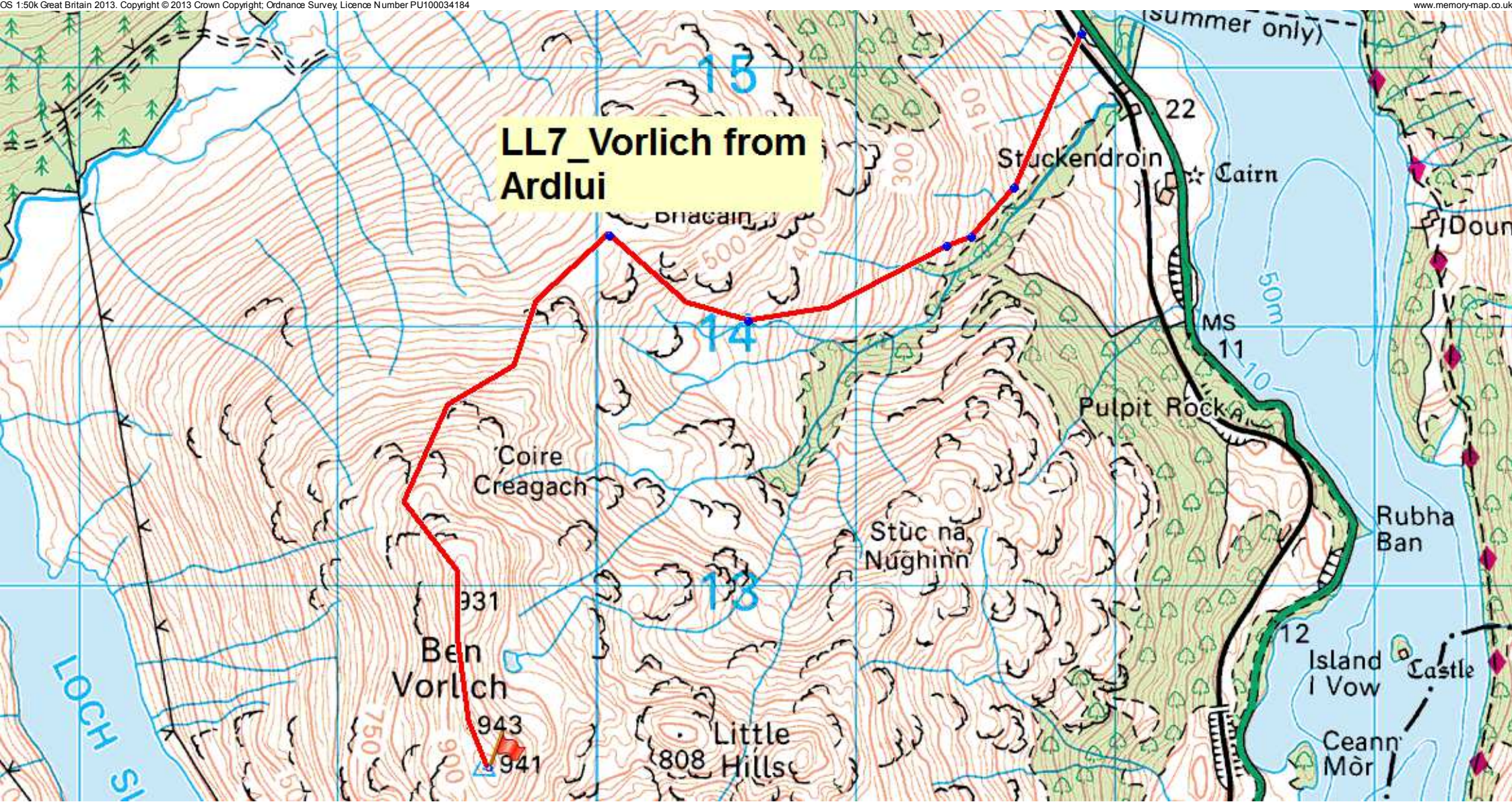
Path Number: LL7	Path Name: Ben Vorlich -Ardlui	Distance: 5.428km	Location: NN3187515126 to NN2958912289
Landowner: t.b.c	Designations: NP, NSA, SSSI	Land Management Priorities: Sporting/stewardship	
Use: One of several routes used to access Ben Vorlich.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> The use of ATV's in the Corrie will have a bearing on any path design. 			
Path Condition: <ul style="list-style-type: none"> Very wet sections on the route through Corrie Creagach The path along the North East Ridge is faint in places indicating that other routes to the summit are more popular. 			
Recommendations: <ul style="list-style-type: none"> No work required at the moment. Monitor in the future for signs of erosion 			
Maintenance: No maintenance required.			
Section 1.			
			

Section 2



Section 3





LL7_Vorlich from Ardlui

LOCH S

(summer only)

MS 11
50m

12
Island I Vow
Castle
Ceann Mòr

Cairngorms Outdoor Access Trust

Weather Wet
Date 16th September 2013
Audit No LL7
Path Name Vorlich -Ardluie
Surveyor Donald Mackenzie
Start NN3187515126
End NN2958912289

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	752	NN3187515126	Veg	underpass	1/1	0.60	3.80	0.1	8/6	4	2	4	4	4	4	2	15,040

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Evolved line from railway underpass to increase in angle near fence line. Full machine build.

2	284	NN3161514530	Veg/agg	I.A	1/0	0.40	0.9	0	12/15	4	3	4	4	4	4	1	8,520
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Built Features

XD	0	Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From increase in angle at fence line up to ATV track. Topside ditch and drainage features would dry up path line.

3	143	NN3145314341	Agg.	ATV track	1/0	1.30	1.3	0	24/17	4	4	4	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	0

Description

Short section of built ATV track up to fence line. No work required.

4	1063	NN3135514306	Veg	Fence	1/0	0	1.3	0	26/8	4	2	4	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	Pc	0

Description

From end of built ATV track following ATV tracks up through the corrie. Very wet in places.

5	773	NN3059114016	Veg	End of ATV tra	1/0	0.3	0.60	0.1	28/13	4	2	4	4	4	5	0	0
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XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	Pc	0

From end of ATV tracks up onto the ridge. No work required.

6	2413	NN3005714344	Veg/Rock	ridge	1/0	0.4	0.80	0.2	14/5	4	4	4	4	4	5	0	0
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XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	Pc	0

An evolved line in and out of crags onto the North ridge of Vorlich and the summit. Intermittant line. No work required.

Total	5428														5	3	23,560
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Pc	0

Description

This route generally follows an ATV track up through a very wet Corrie and onto the North ridge of Vorlich. Does not appear to be as well used as other routes onto this hill. Route

Path Number: LL8	Path Name: Ben Vorlich - Inveruglas	Distance: 2.921km	Location: NN2950809201 to NN2775109841
Landowner: t.b.c	Designations: NP, NSA, SSSI	Land Management Priorities: Sporting/stewardship	
Use: Lightly used route from Inveruglas following the long South ridge onto Ben Vorlich.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Lack of stone on lower section. Would require materials to be helicoptered in. • Steepness of ground will rule out machine work 			
Path Condition: <ul style="list-style-type: none"> • Very faint path line indicates that this route is not under pressure 			
Recommendations: <ul style="list-style-type: none"> • No work required for now • Monitor future erosion. 			
Maintenance: No maintenance required.			

Section 1.

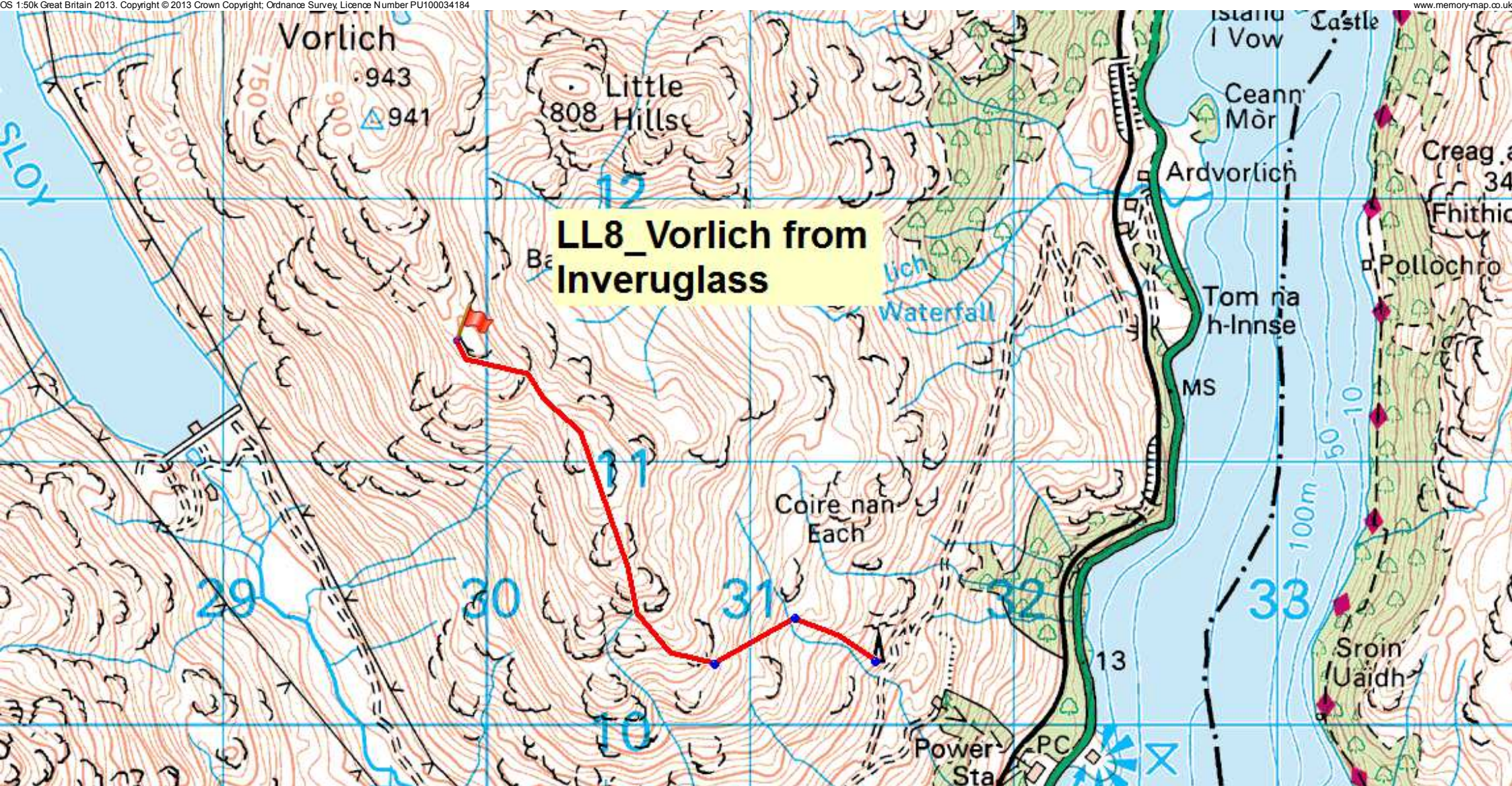


Section 2



Section 3





Vorlich

943
941

Little Hills
808

LL8_Vorlich from
Inveruglass

Waterfall

Coire nan
Each

Power
Sta

Castle

Ceann
Mòr

Ardvorlich

Tom na
h-Innse

Sroin
Uaidh

Creag a
34
Fhithic

Pollochro

MS

13

100m
50
10

33

29

30

31

32

SLOY

PC

PC

Cairngorms Outdoor Access Trust

Weather Dry
Date 14th September 2013
Audit No LL8
Path Name Vorlich - Inveruglass
Surveyor Donald Mackenzie
Start NN 3148110233
End NN29888 11456

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	473	NN3148110233	Veg	Road end	1/0	0.40	0.50	0	21/3	4	3	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Intermittant line running up hill through bracken. No work required.

2	417	NN3117610397	Veg	Burn crossin	1/0	0.00	0.3	0	12/28	5	5	5	5	5	5	0	0
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Built Features

XD	0	Pitching	0	SD		Revet	
WB		Agg.	0	

Description

From burn crossing onto South ridge. No obvious pathline. Intermittant sheep track

3	2031	NN3087110225	Agg/pitch	End of pitch	1/1	0.50	1.2	0	38/4	5	5	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From ridge to junction with main path from Loch sloy. Faint line following crest of ridge. No work required.


Total	2921														5	0	0
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Built Features

XD	29	Pitching	207	SD		Revet	
WB	26	Agg.	1267	Other		Pc	3

Description

Lightly used route from Inveruglass up the south ridge of Ben Vorlich over several little tops. No obvious erosion scars. No work required.

Path Number: LL9	Path Name: Ben Vorlich - Loch Sloy	Distance: 2.740km	Location: NN2953310301 to NN2958912289
Landowner: t.b.c	Designations: NP, NSA, SSSI		Land Management Priorities: Sporting/stewardship
Use: Popular direct route for hillwalkers and munro baggers to the summit of Ben Vorlich from Loch Sloy			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Due to the steepness of the path line stone may need to be bagged and dropped at the work site • All work will need to be hand – built. 			
Path Condition: <ul style="list-style-type: none"> • Sections 1 – 4 are badly eroded with braiding either side of the path line • Section 6 is a typical ridge path and is well contained 			
Recommendations: <ul style="list-style-type: none"> • Sections 1 – 4 require a high specification robust hand-built path • Section 5 requires some light touch work to prevent further erosion • No work required on section 6 – monitor only 			
Maintenance: Once built the path will require a maintenance schedule.			
Section 1.			
			

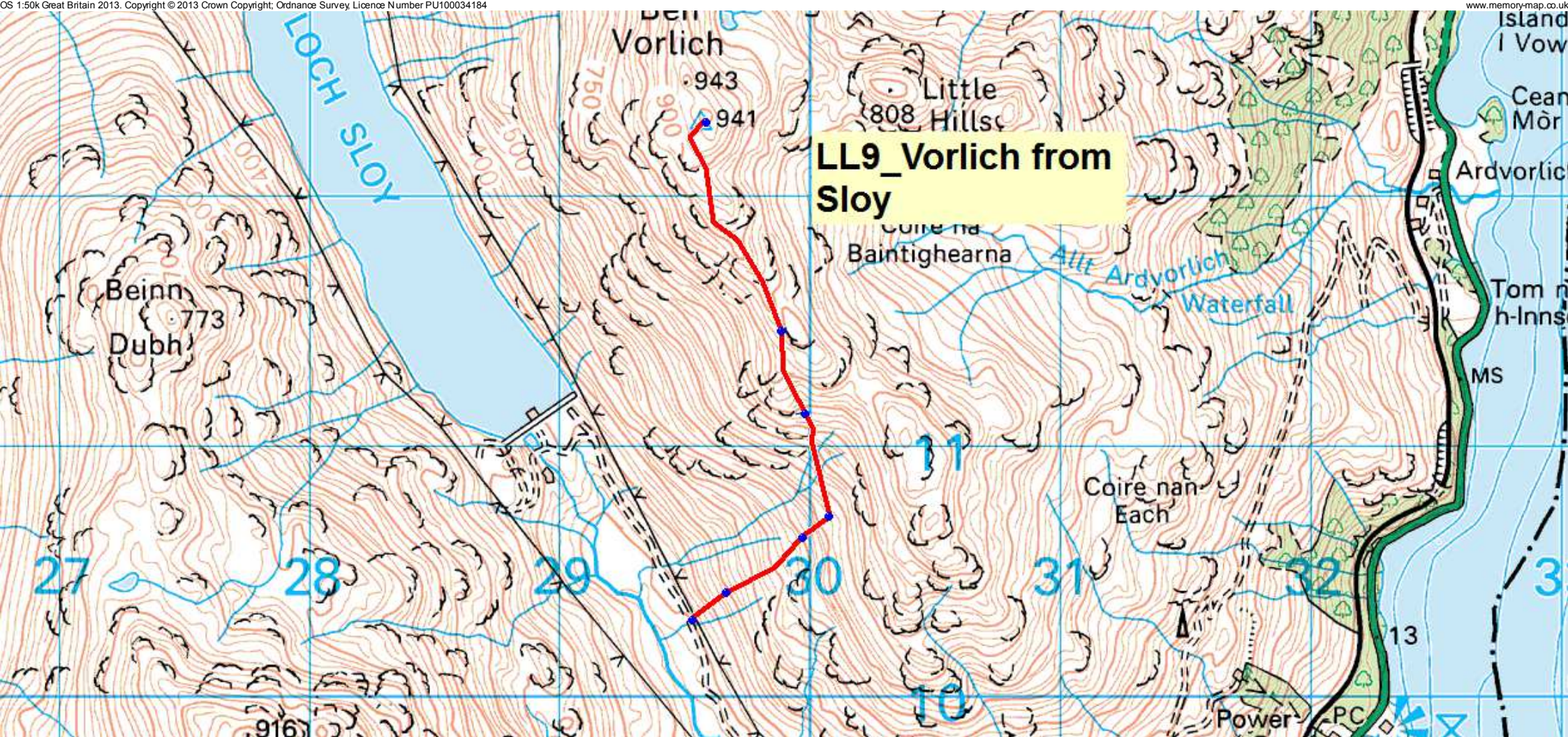
Section 4



Section 5



Section 6



Cairngorms Outdoor Access Trust

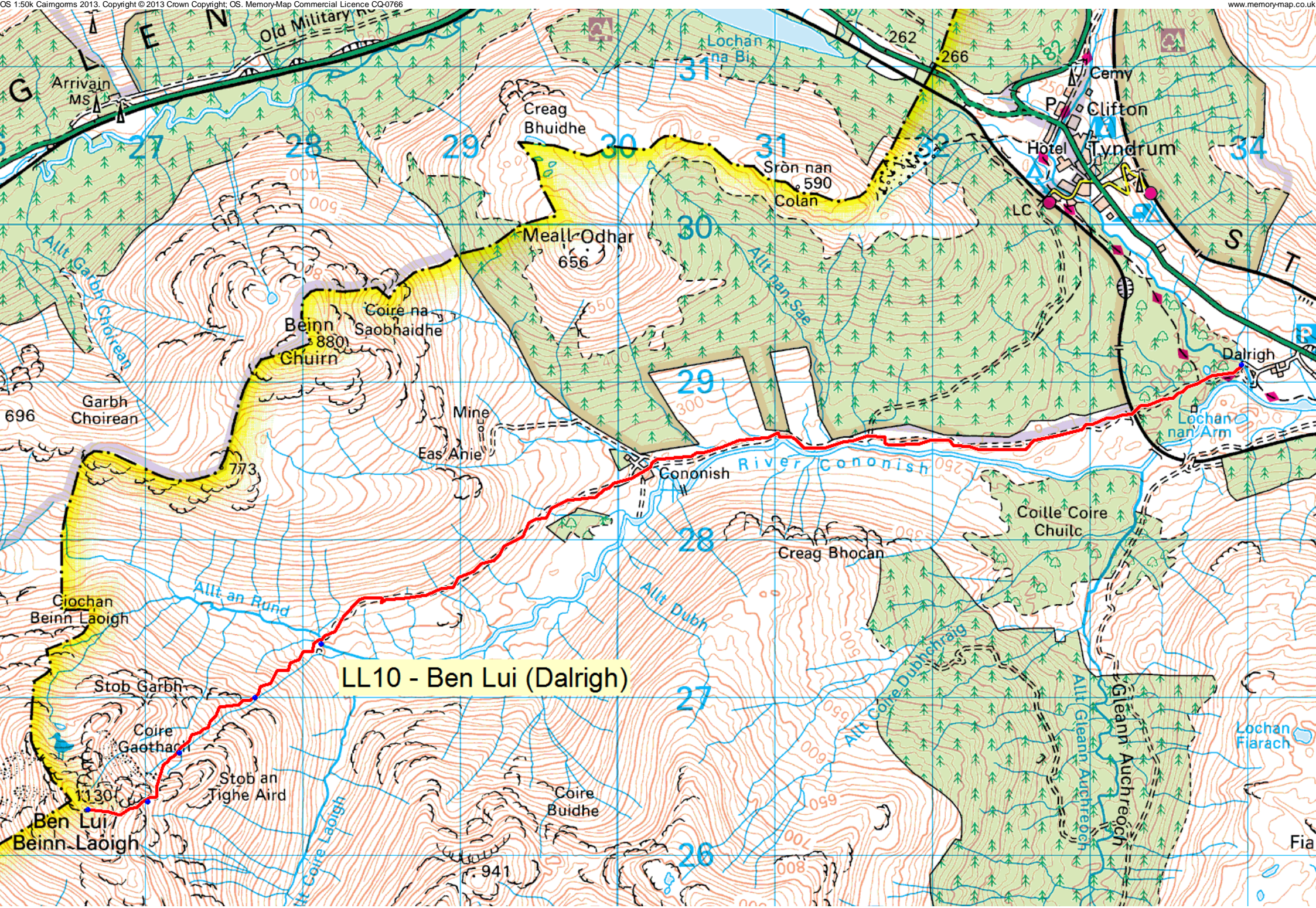
Weather Dry
Date 14th Septemebr 2013
Audit No LL9
Path Name Ben Vorlich - Loch Sloy
Surveyor Donald Mackenzie
Start NN2953310301
End NN2958912289

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	202	NN2953310301	Agg.	Start	1/2	3.50	12.00	0.4	31/2	2	2	2	2	2	2	1	12,120
Built Features										Description							
XD			Pitching		SD		Revet			From start at road up to bedrock outcrop. Badly eroded path with braids either side. Pathline acting as a water course.							
WB			Agg.		.....		.....							
2	464	NN2966810410	Veg/agg	Bedrock	1/1	0.60	2.2	0.2	24/5	4	2	3	3	4	3	2	27,840
Built Features										Description							
XD			Pitching		SD		Revet			From bedrock out crop up to a decrete in angle. Poorly drained on flat areas. Erosion on steeper parts. Full build required.							
WB			Agg.		.....		.....							
3	190	NN2997510631	Agg.	D.A	1/1	1.50	1.5	0.7	36/3	3	2	2	2	2	2	1	15,200
Built Features										Description							
XD			Pitching		SD		Revet			Badly eroded section between two burns. Scar will get worse if no work in undertaken.							
WB			Agg.		.....		.....							
4	466	NN3007810713	Aggrock	Burn	1/0	0.6	1.3	0.6	31/29	3	3	3	3	4	3	1	9,320
Built Features										Description							
XD			Pitching		SD		Revet			Pathline from the burn up to a decrease in angle at a gully. Line has eroded down to bedrock but is well contained. 'light touch' work required.							
WB			Agg.		.....		Pc										
5	408	NN2998711123	Agg/rock	D.A Gully	1/0 0.6	0.9	0.50	38/2	38/2	3	4	3	3	4	3	1	8,160
Built Features										Description							
XD			Pitching		SD		Revet			Steep line up to junction on ridge. Worn down to bedrock in most places but well contained. 'light touch' work required.							
WB			Agg.		.....		Pc										
6	1010	NN2988811456	Agg/rock	Junction	1/1	1.1	1.30	0.1	13/2	4	4	4	4	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			Route along ridge from path junction to summit cairn . Fairly well contained with one braid. No work required for now.							
WB			Agg.		.....		Pc										
Total	2740														3	6	72,640
Built Features										Description							
XD			Pitching	0	SD	0	Revet	0		Direct route to the South ridge of Vorlich from close to the Loch Sloy dam. Very steep and badlv eroded. Needs work to stop erosion sreadinga							
WB			Agg.	0	Other	0	Pc	0									

Path Number: LL10	Path Name: Ben Lui (Dalrigh)	Distance: 8.996	Location: Start: NN 3396329101 End: NN 2662226292
Landowner: FCS/Burton	Designations: SPA		Land Management Priorities: Farming/Sport/Mining
Use: Very much the scenic route up Ben Lui, with the rugged Coire giving a quality mountain experience once the mine and farm track have been passed. The A82 route is likely being more frequently used as it gives a shorter approach and better access to Bein A Chleib			
Previous Path Management: Path starts at end of vehicle track and has received no previous management.			
Path Management Constraints: <ul style="list-style-type: none"> • Requires 4wd access to start of path • Hand build only due to steepness of site 			
Path Condition: <ul style="list-style-type: none"> • Coire approach is eroding and desperately needs drainage • Upper Coire to summit robust 			
Recommendations: <ul style="list-style-type: none"> • Hand build path on Coire Approach • Light touch only higher up 			
Maintenance: Once built the path will need relatively high maintenance with on-going pre-emptive repairs.			







LL10 - Ben Lui (Dalrigh)

Cairngorms Outdoor Access Trust

Weather Gale force winds, heavy rain
 Date 22nd September 2013
 Audit No LL 10
 Path Name Ben Lui (Dalrigh)
 Surveyor Dougie Baird
 Start NN 3396329101
 End NN 3396329101

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	6,783	NN 3396329101	Agg.	start	1/0	3.50	3.5	0	6/11	5	5	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		Abs	

Description

Vehicle track

2	738	NN 2812727326	Agg.	Burn X	1/1	0.90	2.20	0.1	16/19	3	3	4	3	3	3	1	35,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			AB	

Description

Wet narrow path on fairly robust ground, ascending rib on north side of the burn
Hand build path, maybe light touch could hold for a few years yet

3	658	NN 2770226992	Agg.	boulder	2/2	1.10	3.80	0.2	19/21	2	2	4	4	3	3	2	43000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Eroding path on very steep slope ascending into upper Coire
Gullyng out, with water beginning to use the path as a drain! Full build hand build

4	391	NN 2722226642	peat/agg	burn x	2/3	1.80	5	0.3	24/35	1	4	4	4	3	4	1	8,000
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Built Features

XD		0 Pitching		0 SD		0 Revett	0
WB		0 Agg.		0		0	0

Description

Very steep robust path onto summit ridge. Light touch techniques only

5	426	2702226332	Agg	summit ridge	2/3	2.00	6	0.3	34/38	1	5	4	4	3	4	1	5,000
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Built Features

XD		0 Pitching		0 SD		0 Revett	0
WB		0 Agg.		0		0	0

Description

Steep robust approach to summit, light touch works only

TOTAL	8,996														3	5	91,000
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Other	0

Description

Fairly robust route onto Ben Lui- steep Coire approach beginning to breakdown requiring work, light touch only on upper Coire

Path Number: LL12	Path Name: Ben Dubhchraig	Distance: 6.309km	Location: NN3454328777 to NN3090825409
Landowner: t.b.c	Designations: NP, SSI, SAC, SPA, NNR		Land Management Priorities: Sporting/stewardship
Use: Popular route for hill walkers Accessing Beinn Dubhchraig and Ben Oss.			
Previous Path Management: No evidence of any previous path management			
Path Management Constraints: <ul style="list-style-type: none"> Machine access will not be possible after section 2 			
Path Condition: <ul style="list-style-type: none"> Generally in poor condition. Needs work or path line will continue to spread. 			
Recommendations: <ul style="list-style-type: none"> Section 2 – Machine build path and replacement bridge Section 3, 4, 4 & 6 – Full build required. 			
Maintenance: Once built the path will need on-going maintenance			

Section 1.



Section 2



Section 3



Section 4



Section 5

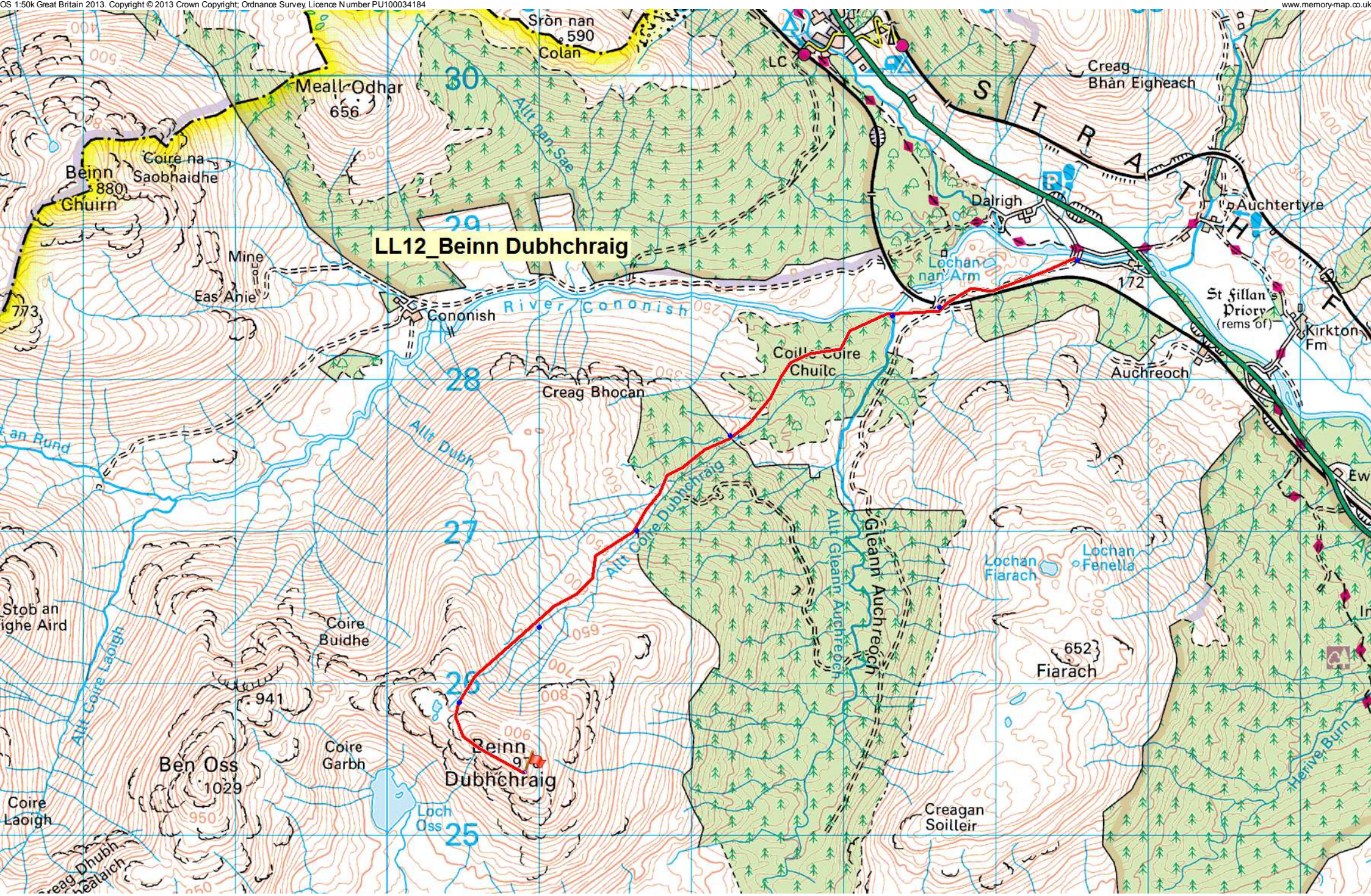


Section 6



Section 7





LL12_Beinn Dubhchraig

River Cononish

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Cairngorms Outdoor Access Trust

Weather Wet
Date 21st September 2013
Audit No LL12
Path Name Ben Dubhchraig
Surveyor Donald Mackenzie
Start NN3454328777
End NN3090825409

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	960	NN3454328777	Agg.	Bridge	1/0	1.50	1.50	0	4/3	5	4	5	5	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			Vehicle track fro bridge near Dalry car park up to railway crossing. No work required							
WB			Agg.				pc	4									
2	381	NN3363728471	veg	cairn	1/1	0.60	2.1	0	2/4	4	2	4	4	4	4	1	7,620
Built Features										Description							
XD			Pitching		SD		Revet			From small cain past railway crossing to old bridge. Very wet ground. Machine built path suitable. Replacement bridge required.							
WB			Agg.		.....		.....							
3	1463	NN3332828414	veg	river	1/2	1.30	3.8	0.1	8/4	4	2	4	3	4	3	2	87,780
Built Features										Description							
XD			Pitching		SD		Revet			Path continues from west side of the river up through pine woods to a fence line. Some very wet areas where the trample width is spreading. Full hand built path required							
WB			Agg.		.....		.....							
4	1058	NN3226327623	veg/Agg	Fence	1/3	1.8	4.5	0.3	13/12	3	2	3	3	3	3	2	63,480
Built Features										Description							
XD			Pitching		SD		Revet			Path continues followinf the burn up to the fence at the top of the enclosure. Again very wet in places with multiple braids. Full build required.							
WB			Agg.		.....		Pc										
5	1027	NN3164426998	Veg	top fence	1/3	1.5	4.10	0.2	14/6	3	2	3	3	3	3	2	61,620
Built Features										Description							
XD			Pitching		SD		Revet			From top fence line the path contiues to follow the burn up to an increase in angle at the top of the corrie. Drainage is poor causing braids. Full hand build required							
WB			Agg.		.....		Pc										
6	841	NN3100526363	Veg/agg	I.A	1/0	0.40	0.80	0.2	23/7	3	1	3	3	4	3	2	50,460
Built Features										Description							
XD			Pitching		SD		Revet			From an inincrease in angle up to a small cairn before ridge. Pathline acting as a burn in wet weather. Full build needed. Plenty material from the burn							
WB			Agg.		.....		Pc										
7	579	NN3048025868	Agg	Cairn	1/0	1.10	1.30	0.1	17/2	4	4	4	4	5	5	0	
Built Features										Description							
XD			Pitching		SD		Revet			Ridge path from cairn to summit. No work required.							
WB			Agg.			Pc										

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Total	6309														3	9	270,960
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.				Pc	4

Description

Popular route following the Allt corrie Dubhchraig. Very wet for most of the route with multiple braids and path spread.

Path Number: LL13	Path Name: Cruach Ardrain - Crianlarich	Distance: 6.548km	Location: NN3868324911 to NN4075820921
Landowner: FCS/Falloch	Designations: NP, SSI	Land Management Priorities: Sporting/stewardship	
Use: Popular route from Crianlarich for Hill walkers and Munro baggers onto Cruach Ardrain			
Previous Path Management: <ul style="list-style-type: none"> • Section 1 is a machine built path through a community woodland • No other work has been carried out on this route 			
Path Management Constraints: <ul style="list-style-type: none"> • Work on upper sections of the path will not be suitable for winter. • After section 4 a machine would not be suitable 			
Path Condition: <ul style="list-style-type: none"> • Some very wet sections below the forestry fence • Higher sections are generally good although there are some wet areas on the lower ridge where path spread is noticeable. 			
Recommendations: <ul style="list-style-type: none"> • Sections 3 and 4 are suitable for a machine build. • Section 5 – Full build required. • Section 6 – light touch work may prevent future erosion • Sections 7 & 8 – no work needed for now. 			
Maintenance: Once built the path will need regular maintenance.			

Section 1.



Section 4

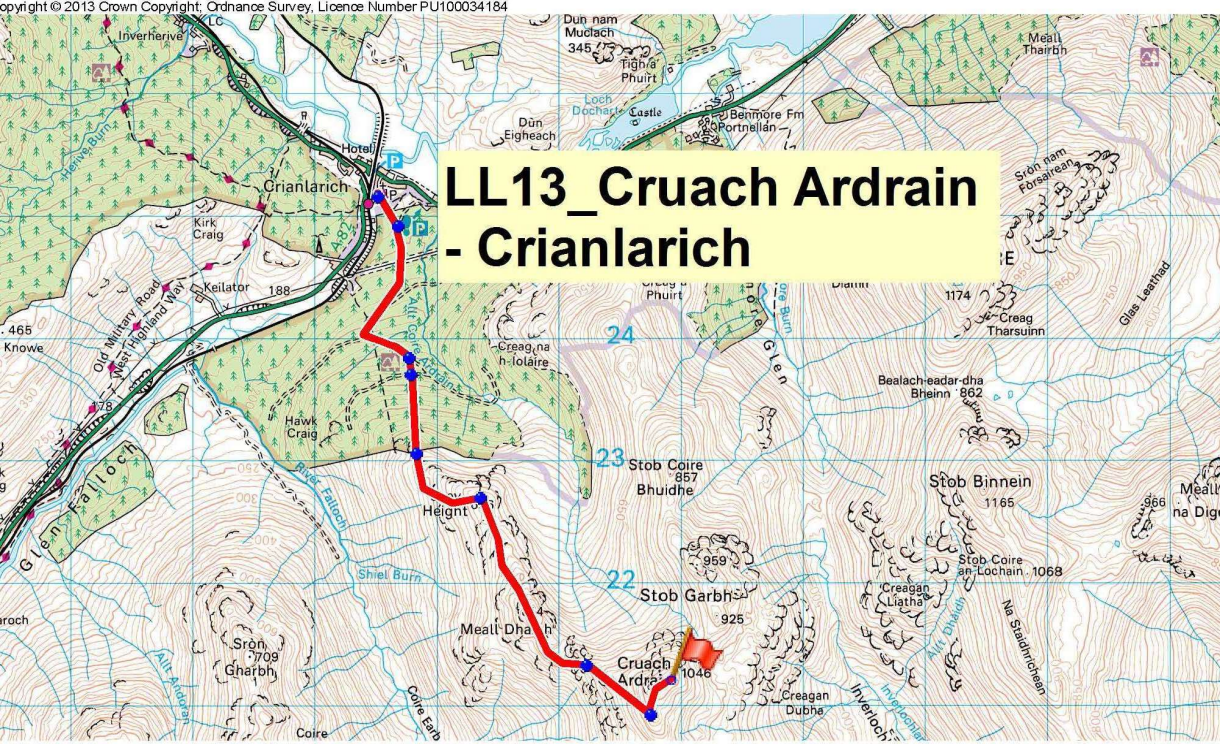


Section 5

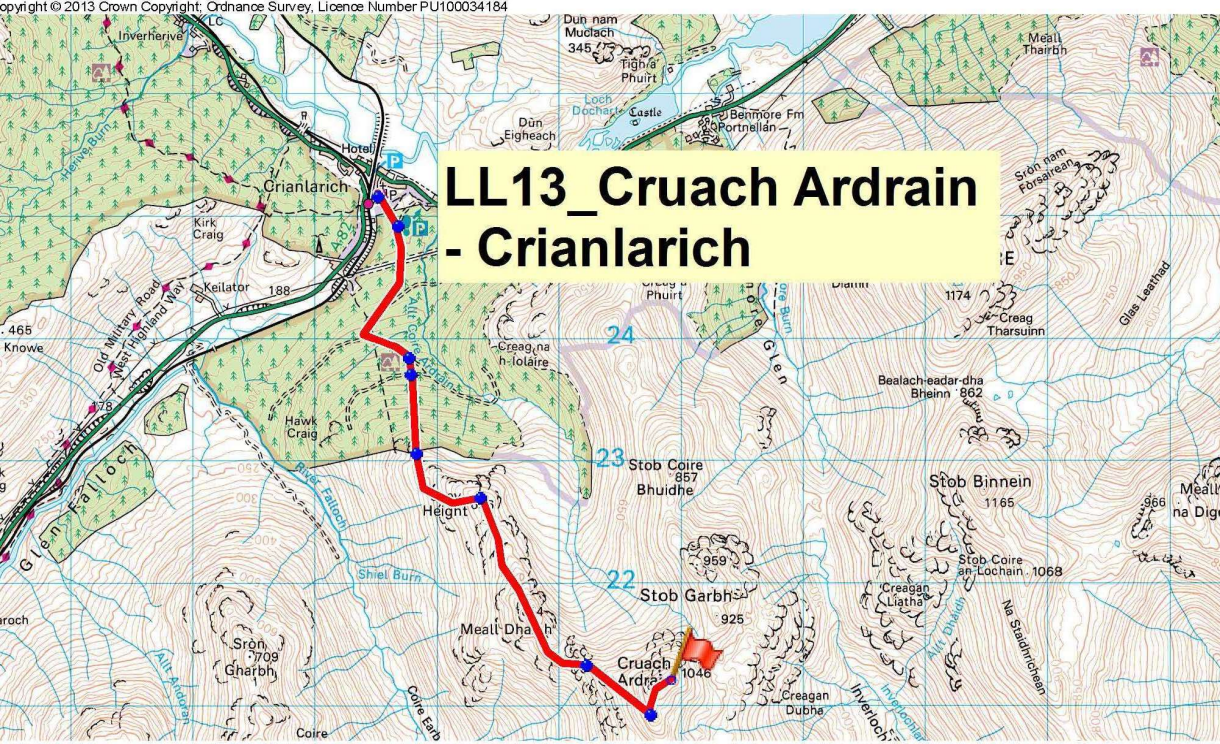


Section 8





LL13_Cruach Ardrain - Criarlarich



Cairngorms Outdoor Access Trust

Weather Showery
Date 20th September 2013
Audit No LL13
Path Name Cruach Ardrain - Crianlarich
Surveyor Donald Mackenzie
Start NN3868324911
End NN4092621210

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	388	NN3868324911	Agg.	start	1/0	0.50	0.50	0	4/6	5	5	5	5	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			From start at car park to forestry road. Community footpath. Good condition and no work required							
WB			Agg.		.....		.....							
2	1502	NN3852825153	Agg.	road	1/0	2.00	2	0	6/2	5	5	5	5	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			Route continues on a forestry road up to a small carin. No work required on this section.							
WB			Agg.		.....		.....							
3	142	NN3877723835	veg	Cairn	1/0	0.50	0.8	0	12/3	3	2	4	3	4	3	2	2,840
Built Features										Description							
XD			Pitching		SD		Revet			Route takes a short cut off the forestry road. Very wet section. Full machine build.							
WB			Agg.		.....		.....							
4	740	NN3879123693	veg	cairn	1/0	0	1.3	0	17/2	3	1	4	2	4	3	2	14,800
Built Features										Description							
XD			Pitching		SD		Revet			from a small cairn out to the stile at the top forestry fence. Very wet and boggy and rough with tree stumps. Needs a machine path							
WB			Agg.		.....		Pc										
5	841	NN3883623047	Agg/veg	Stile	1/1	0.8	1.50	0.1	16/7	3	3	4	4	4	4	2	50,460
Built Features										Description							
XD			Pitching		SD		Revet			From the stile at the top forestry fence and junction with LL14 to the top of the grey height.							
WB			Agg.		.....		Pc										
6	1917	NN3936522681	Agg/rock	grey height	1/1	0.8	2.70	0.2	7/3	3	3	4	4	4	4	2	57,510
Built Features										Description							
XD			Pitching		SD		Revet			Route from gey height along the ridge to col before Cruach Ardrain. Generally good but 'light touch' work would be benefical to prevent further erosion.							
WB			Agg.		.....		Pc										
7	613	NN4023921326	Agg	I.A	1/0	1.8	3.00	0.2	34/27	4	3	4	4	4	4	0	0
Built Features										Description							
XD			Pitching		SD		Revet			Well contained section climbs across a steep slope and onto the ridge. Drainage fairly good. No work required.							
WB			Agg.			Pc										

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8	405	NN4075820921	Agg/rock	cairn	1/0	0.7	1.00	0.2	14/3	4	4	4	4	4	4	0	0
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XD		Pitching		SD		Revett	
WB		Agg.			Pc	

From the small cairn on ridge to the summit cairn. Typical ridge path. No work required.

Total	6548														4	8	125,610
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	0	Other	0	Pc	0

Description

Some very wet sections lower down in the forestry. Would recommend using a machine on these sections. Hand built work on sections 5 & 6 would help prevent further erosion.

Path Number: LL14	Path Name: Ben Vane	Distance: 2.761km	Location: NN3691423893 to NN3883623047
Landowner: FCS/Falloch	Designations: NP		Land Management Priorities: Sporting/stewardship
Use: A popular shorter route onto the grey height used by hill walkers to access Cruach Ardrain.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> A machine could be used on section 2 but the current bridge would not be suitable for crossing. 			
Path Condition: <ul style="list-style-type: none"> Section 1 –off-road vehicle track Section 2 – direct line up hillside. Vegetation broken in places but no great path spread as yet. 			
Recommendations: <ul style="list-style-type: none"> No work required. Monitor only 			
Maintenance: No maintenance required.			

Section 1.

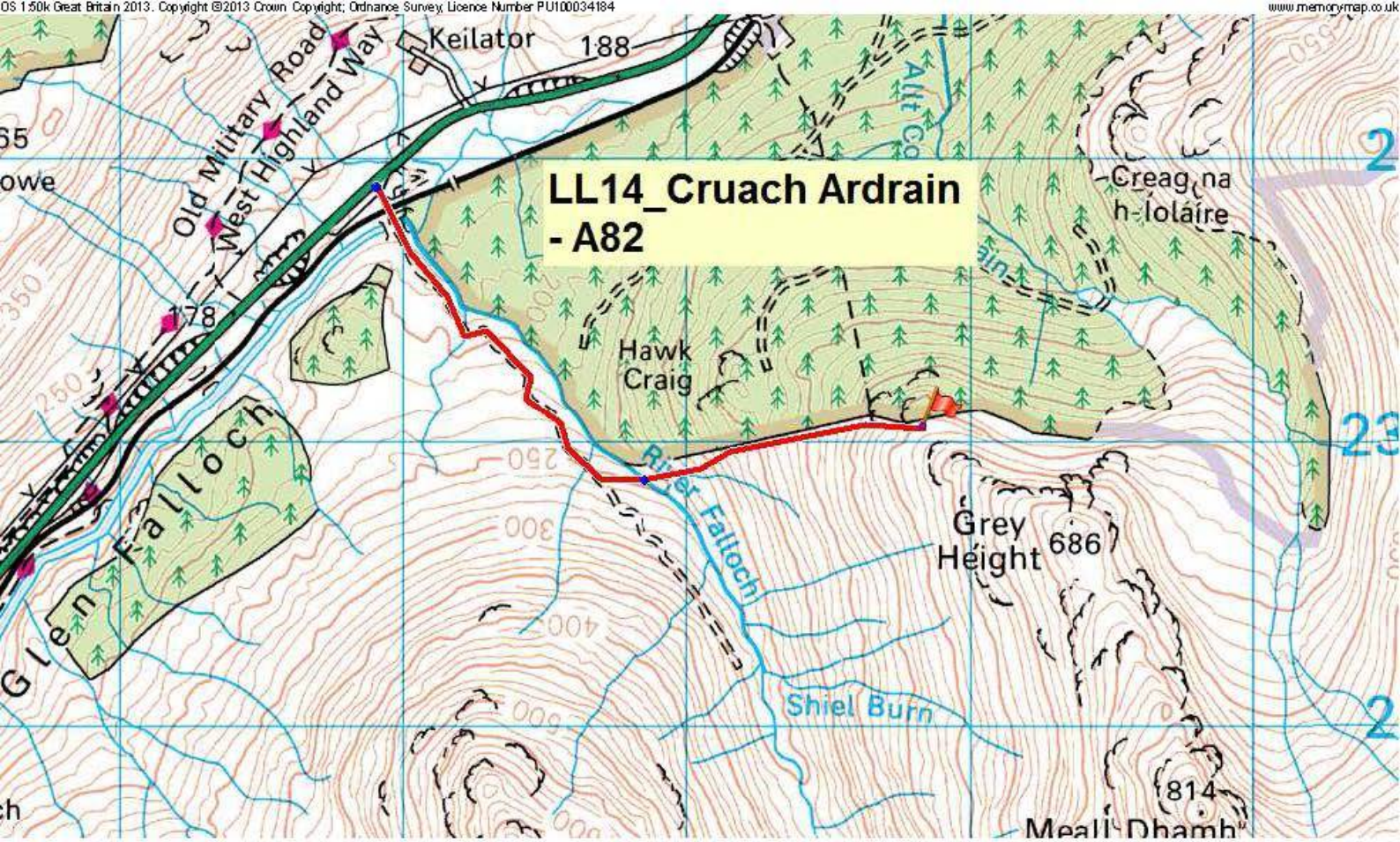


Section 1



Section 2





Cairngorms Outdoor Access Trust

Weather Showery
Date 20th September 2013
Audit No LL14
Path Name Cruach Ardrain -A82
Surveyor Donald Mackenzie
Start NN3691423893
End NN3883623047

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	1637	NN3691423893	Agg.	underpass	1/0	2.00	2.00	0	6/8	4	4	4	4	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From underpass near the side of the road. Route follows avehical track up to an old bridge crossing. No work required

2	1124	N3785922858	veg	bridge	1/0	0.60	0.8	0	19/4	4	2	4	4	4	4	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Direct line up hillside following the forestry fence line to meet up with LL13 at the stile.

Total	2761														5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Pc	0

Description

A shorter route from the layby on the A82 to meet up with LL13. Fairly wet underfoot but no Scar visible from the road. Monitor only

Path Number: LL15	Path Name: Ben Glas PROW	Distance: 4.222km	Location: NN3217418618 toNN3515818058
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: An old right of way to Inverlochlarig but also used by walkers accessing Beinn Chabhair. Lower sections used by walkers viewing the waterfall above the Ben Glas campsite			
Previous Path Management: No evidence of any previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Lower 3 sections would need to be hand built due to the steep ground 			
Path Condition: <ul style="list-style-type: none"> • Lower three sections are badly eroded with water doing a lot of damage • Upper three sections are very wet in parts causing path spread. 			
Recommendations: <ul style="list-style-type: none"> • Section one to three – Full hand built path. • Section 4 to six – machine built path 			
Maintenance: Once built the path will need an on-going maintenance program.			

Section 1.



Section 4



Section 5



Section 6



Cairngorms Outdoor Access Trust

Weather Heavy showers
 Date 17th September 2013
 Audit No LL15
 Path Name Bein Glas PROW
 Surveyor Donald Mackenzie
 Start NN3217418618
 End NN3515818058

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	176	NN3217418618	Agg/veg	start	1/1	0.60	1.40	0.4	35/2	3	2	3	3	2	2	1	10,560
Built Features										Description							
XD			Pitching		SD		Revet			From start by the west highland way up to the first stile. A steep section badly gullyed in places with very bad drainage. Full build required.							
WB			Agg.		.....		PC										
2	439	NN3224818647	Agg/stile	stile	1/1	2.10	2.8	0.3	37/28	2	2	2	2	2	2	1	35,120
Built Features										Description							
XD			Pitching		SD		Revet			Fro bottom stile to stile at top of the enclosure. Very steep section gullyed down to bedrock in places. Hand build with some pitched sections. Stone available nearby							
WB			Agg.		.....		PC										
3	573	NN3259718468	Agg/rock	stile	2/3	2.80	4.8	0.2	15/28	3	3	3	3	3	3	1	22,382
Built Features										Description							
XD			43 Pitching	62	SD	975	Revet			From the top stile to the junction wth the ATV track. Path splits for 200m with one higher and one lower line. Machine can be used on top 300m.							
WB			12 Agg.	1527	Abs	6	.....									
4	1357	NN3243018231	Agg/veg	ATV track	1/0	0.7	1.6	0.1	8/2	3	2	3	3	4	3	1	27,140
Built Features										Description							
XD			Pitching		SD		Revet			From the ATV track junction the route follows the North side of the burn to an incease in angle. A mix of very wet sections between moraines. Recommend a machine built path							
WB			Agg.		.....											
5	1248	NN3383117828	Veg/Agg	I.A	1/2	1.5	4.50	0.2	13/5	3	2	3	3	4	3	1	24,960
Built Features										Description							
XD			Pitching		SD		Revet			From an incease in angle the path continues on the North side of the Ben glas burn up to a small waterfall. Very wet in places. Machine built path recommended. Plenty stone							
WB			Agg.		.....											
6	429	NN3482118076	Veg	waterfall	1/1	0.70	2.20	0	5/3	4	1	4	3	4	4	1	8,580
Built Features										Description							
XD			Pitching		SD		Revet			Very wet section on flat ground from the small waterfall up to the loch. Lack of stone. Machine build recommended.							
WB			Agg.		.....											
Total	4222														3	6	128,742
Built Features										Description							
XD			0 Pitching	0	SD	0	Revet	0		The first three sections climbing past the waterfall are badly gullyed and would require to be built by hand. The upper sections are very wet but it is possible to use a machine							
WB			0 Agg.	0	Abs	0	PC	0									

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10	577	NN5092426805	Grass	Dyke / Cairn	0	0.00	0	0	10/10	3	4	5	4	4	4	1	14425
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Indistinct route through undulating open hill grazing. No distinct line however occasional way marker posts. Recommend full build high and dry machine path or leave alone.

11	187	NN5074127269	Grass	Sleeper bridge	1/1	0.50	1.2	0	6/10	3	4	3	3	3	3	1	14675
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		Sleeper bridge	1

Description

Worn grass / mineral path to gate closely following river bank. Generally robust. Full machine build with bridge recommended. (Existing Sleeper bridge treacherous in the wet!!!)

12	721	NN5075627446	Grass	Gate	1/0	2.00	3	0	4/6	3	2	2	2	2	2	1	18025
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Short grassy trod through field to join with farm track. Quite wet overall, farm track poor condition. Machine build recommended.


Total	5577									3	3	3	3	3	3	12	21685
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Built Features

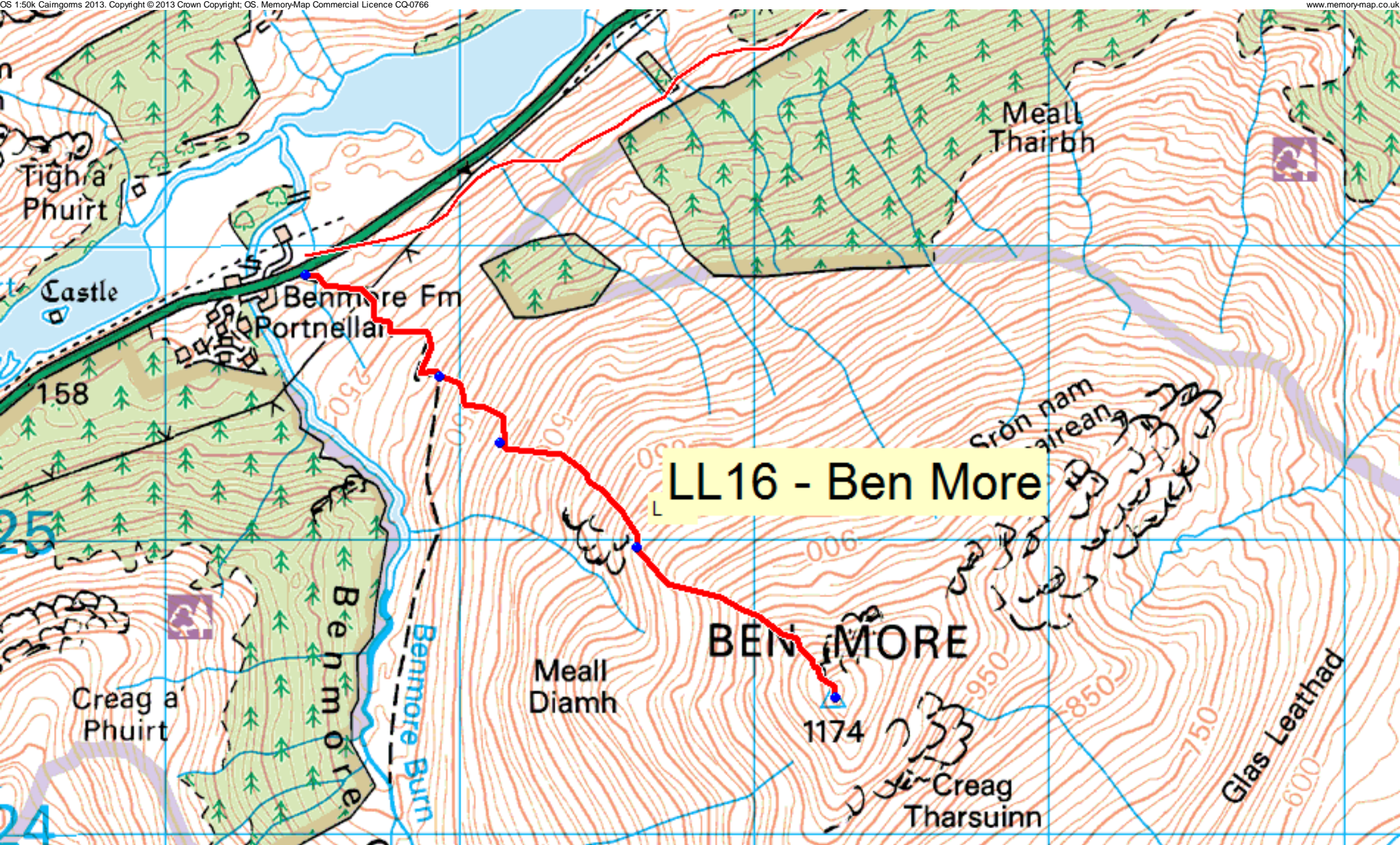
XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	0	Culvert	0	Bridge	1

Description

Fairly robust but wet hill path. South of lochan recommend hand build due to access and gradient difficulties. North side (Dochart) lends itself to machine high and dry raised type path with pipe culvert drainage. Heavily grazed by sheep/cattle Dochart side. Existing Way marker

Path Number: LL16	Path Name: Ben More	Distance: 3.061	Location: Start: NN 4144525895 End: NN 4328624460
Landowner: G Jolly	Designations: SSSI		Land Management Priorities: Grazing
Use: Very steep path ascending from Ben More farm to the summit on the northern slope. Used by munro baggers, though often used with a descent from the Ben More/Stob Bineinn Bealach			
Previous Path Management: No Previous management			
Path Management Constraints: <ul style="list-style-type: none"> • Hand build only due to steepness of site • Shortage of construction stone 			
Path Condition: <ul style="list-style-type: none"> • Wet, guttery and degrading path above the road to about the 650m height limit. Robust if a bit worn beyond that. • Multiple paths across Section 3, the uncontained and very wet steep section on the mid-slope 			
Recommendations: <ul style="list-style-type: none"> • Hand build only, would be worth investigating realigning section 3 onto the drier and more easily contained rib to the right • Light touch on upper mountain 			
Maintenance: Will require regular maintenance when built.			
			





Tigh'a Phuir
Castle

Benmore Fm
Portnellan

Meall Thairbh

LL16 - Ben More

BEN MORE

1174

Meall Diamh

Creag Tharsuinn

Benmore Burn

Glas Leathad

Creag a Phuir

Benmore

Cròn nam
Airean

Cairngorms Outdoor Access Trust

Weather windy, light showers
Date 21st August 2013
Audit No LL16
Path Name Ben More
Surveyor Dougie Baird
Start NN 4144525895
End NN 4328624460

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	998	NN 4144525895	Agg.	stile	1/0	2.50	2.5	0	11/15	5	5	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		Abs	

Description

Farm Road

2	459	NN 4195925541	peaT/agg	cairn	1/2	1.10	3.50	0.2	15/21	2	1	3	3	3	3	2	45,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			AB	

Description

Steepening and very wet peaty slope, contained.
Heavy build path mixed agg and pitching

3	720	NN 4213625334	agg/grass	platform	2/4	2.00	15.00	0.5	24/29	2	1	2	2	1	2	3	90,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Very steep wet path on uncontained slope. Would require intensive pitching and revetment continuously. Potentail realignment to the north on better ground

4	884	NN 4259224953	grass/agg	Bedrock	2/3	1.50	6	0.3	22/27	1	3	3	3	3	3	1	50,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Steep approach to summit on broad rib, with some scrambling through rock band to summit. Pitching and aggregate path with light touch on top 300m


TOTAL	3,061														3	6	185,000
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Built Features

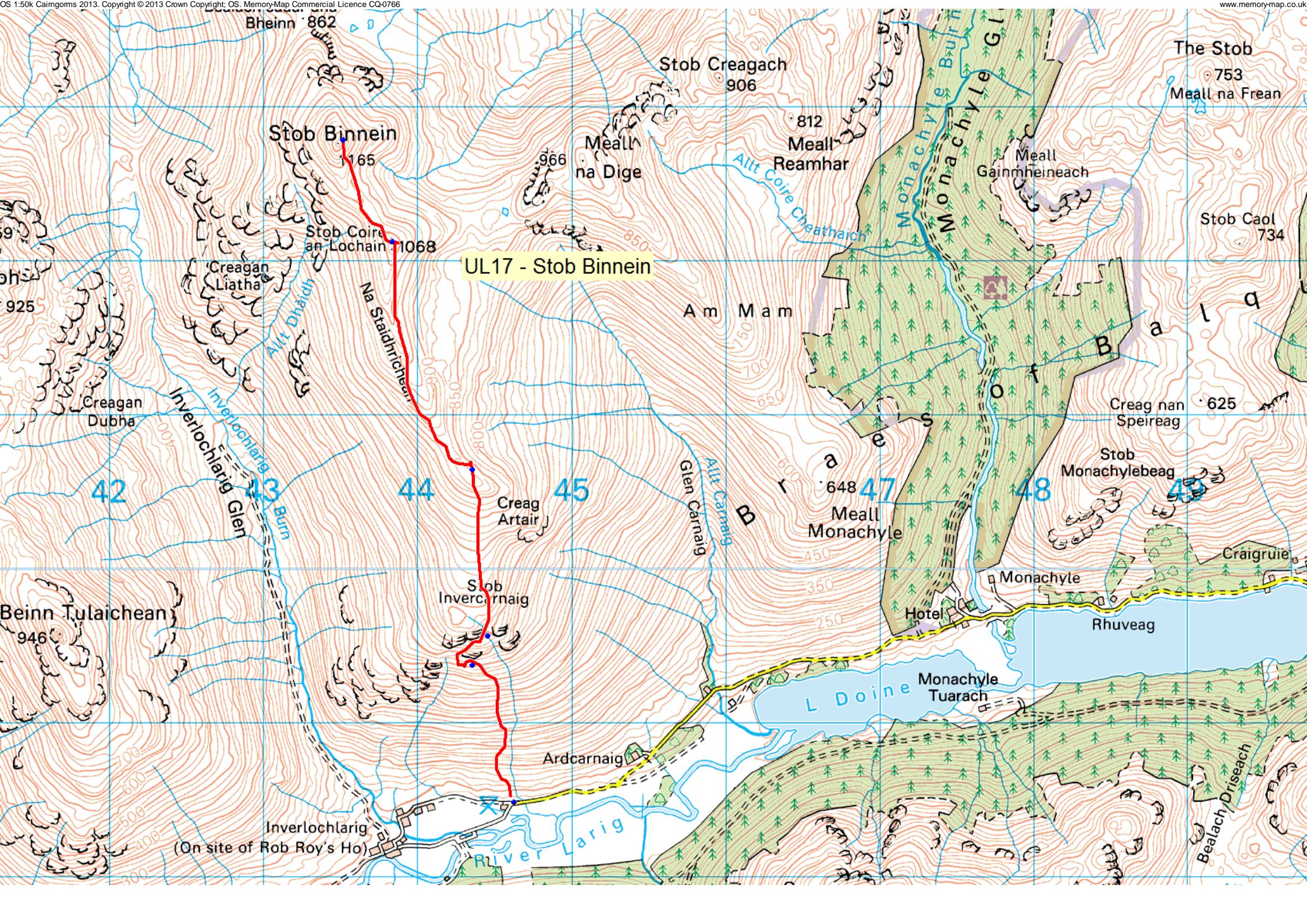
XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Other	0

Description

Very steep line on uncontained ground on section 2. Could be worth realignment onto drier, more robust and better contained line to the right

Path Number: LL17	Path Name: Stob Binnein	Distance: 5,295m	Location: Start: NN 44626 18480 End: NN 43516 22780
Landowner: MacNaughton	Designations: SSSI		Land Management Priorities: Farming/Sport
Use: Predominantly start for people who wish to do full Stob Binnein Ben More travers from Balquidder Glen to Glen Dochart. With access to both Munros switching to the North use is comparatively light, and the path though very steep is generally fairly robust			
Previous Path Management: No Previous management			
Path Management Constraints: <ul style="list-style-type: none"> • Hand build only due to steepness of site 			
Path Condition: <ul style="list-style-type: none"> • Some works required on very steep slope above the road • Otherwise generally robust if a bit wet! 			
Recommendations: <ul style="list-style-type: none"> • Light touch/Hand Build only 			
Maintenance: Fairly low maintenance required, though small amount of pre-emptives periodically will prevent the site deteriorating further. Otherwise 5 year survey to monitor changes in use/condition			
			





UL17 - Stob Binnein

Stob Binnein
1165

Stob Creagach
906

The Stob
753
Meall na Frean

Stob Coire
an Lochain
1068

Meall
na Dige
966

812
Meall
Reamhar

Stob Caol
734

Creagan
Liatha

Creagan
Dubha

Na Staidhrichean

A m M a m

Creag nan
Speireag
625

42

44

45

47

48

49

Beinn Tulaichean
946

Creag
Artair

Stob
Invercarnaig

Glen Carnaig
Ailt Carnaig

648
Meall
Monachyle

Stob
Monachylebeag

Craigruiie

Hotel
Monachyle

Rhuveag

L Doine
Monachyle
Tuarach

Ardcarraig

Inverlochlarig
(On site of Rob Roy's Ho)

River Larig

Bealach Driseach

Cairngorms Outdoor Access Trust

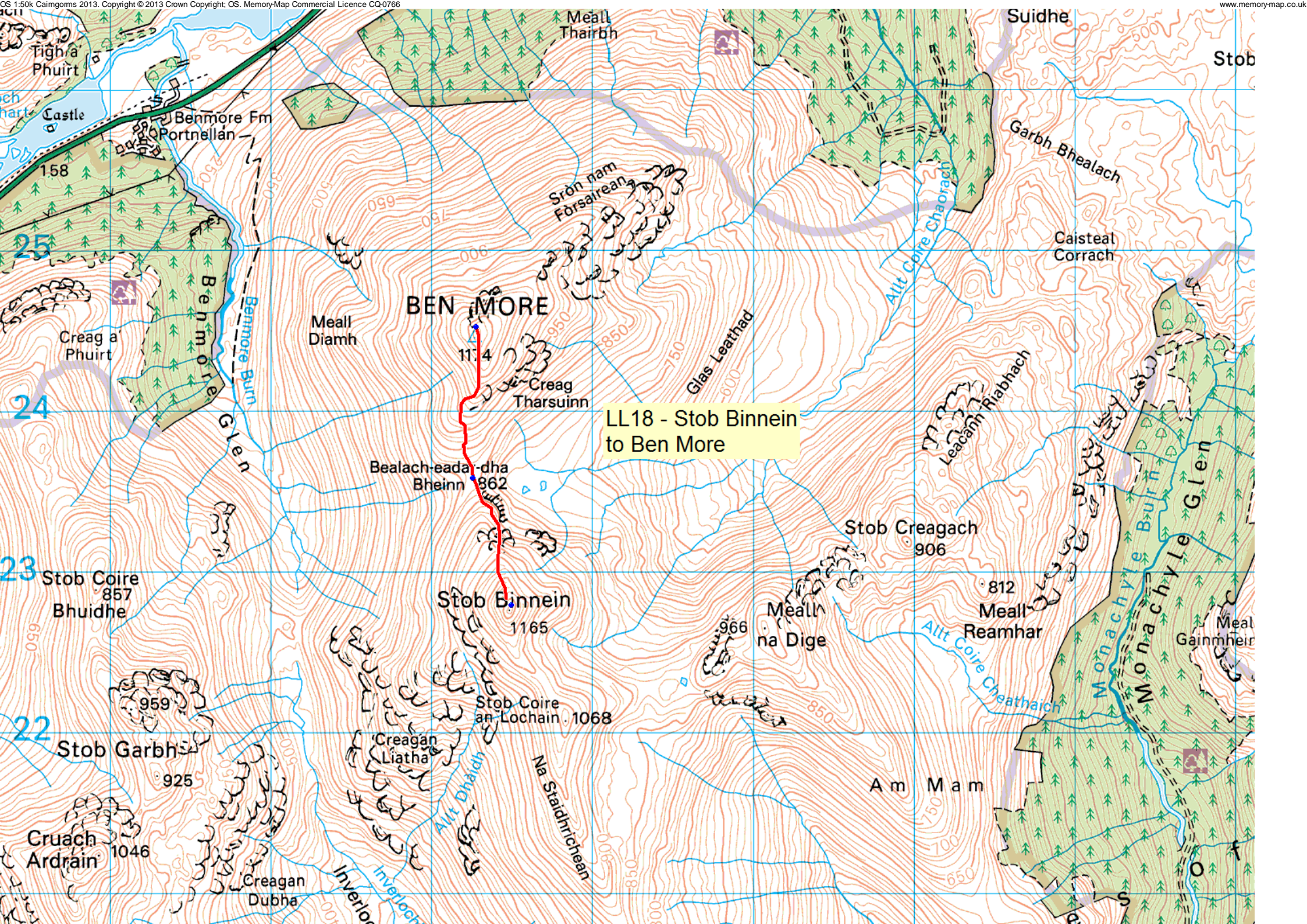
Weather Heavy Rain, Snow on top
Date 7th September 2013
Audit No LL17
Path Name Stob Binnien
Surveyor Dougie Baird
Start NN 44626 18480
End NN 43516 22780

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	1064	NN 44626 18480	grass/agg	start	2/2	0.80	3.5	0-0.2	23/28	2	3	4	4	4	4	1	15,000
Built Features										Description							
XD			Pitching		SD		Revet			Very teep ascent on wet grassy and muddy slope with braids and angles. Does not warrant full-build but some light touch works could help prevent future problems							
WB			Agg.		Pipe C		Abs										
2	459	NN 44325 19362	grass/peat	stile	1/2	0.80	2.50	0	15/29	2	2	4	4	4	4	1	8,000
Built Features										Description							
XD			Pitching		SD		Revet			Path traverses through burn crossing. A little drainage work would prevent any further damage here							
WB			Agg.		.....		AB										
3	1450	NN 44449 19362	agg/grass	burn x	2/1	0.50	8.00	0	12/25	4	4	5	5	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			At times feint path across broadening ridge on ascent to top No work required							
WB			Agg.		.....		.....							
4	1635	NN 44352 19560	grass/agg	cairn	1/2	0.80	2	0	8/28	4	4	5	5	5	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet			Gradyally narrowing grassy ridge No work required							
WB			Agg.		.....		.....							
5	687	NN 44449 19362	agg/grass	burn x	2/1	0.50	8.00	0	12/25	2	3	3	3	3	3	2	15,000
Built Features										Description							
XD			Pitching		SD		Revet			Steep ascent on to Stob Binnien - eroding and contained on ridge Requires light touch works							
WB			Agg.		.....		.....							
TOTAL	5,295														4	4	38,000
Built Features										Description							
XD			Pitching	0	SD	0	Revet	0		Small amounts of pre-emptive work only required on this steep, wet but robust route. Currently lower use path onto the massif with majority of access from the North							
WB			Agg.	0	Other	0	Other	0									

Path Number: LL18	Path Name: Stob Binnein to Ben More	Distance: 1,875m	Location: Start: NN 43516 22780 End: NN 43246 24510
Landowner: MacNaughton	Designations: SSSI		Land Management Priorities: Hill grazing
Use: Steep path leading between bealach and the summits of Ben More and Stob Binnein. The routes are becoming more heavily used, with both Munros typically being captured from the track between bealach and farm road and the summit of Ben More.			
Previous Path Management: No Previous management			
Path Management Constraints: <ul style="list-style-type: none"> • Hand build only due to steepness of site 			
Path Condition: <ul style="list-style-type: none"> • Both sites are damaged, gullyng and beginning to spread 			
Recommendations: <ul style="list-style-type: none"> • Light touch/Hand Build only • Erosion looks to be quite dynamic. Intervention now could stop serious damage in future years 			
Maintenance: Regular maintenance and pre-emptive works will be required once work has been completed.			







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Weather Heavy Rain, Snow on top
Date 7th September 2013
Audit No LL18
Path Name Stob Binnien to Ben More
Surveyor Dougie Baird
Start NN 43516 22780
End NN 43246 24510

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	821	NN 43496 227901	scree/agg	stob summit	2/2	1.40	4	0.2	21/28	2	2	3	3	3	3	2	15,000

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		Abs	

Description

Steep descent from Bealach - mobile loose and spreading. Pre-emptive and light touch works to reduce spread and contain

2	1054	NN 43256 23580	Agg.	bealach	2/2	1.10	3.50	0.2	19/29	2	2	3	3	2	3	2	18,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			AB	

Description

Steep eroding slope to final scramble for Ben More summit. Path repairs needed on the mid-slope in particular to stop spread, gullyng and contain damage

TOTAL	1,875														3	4	33,000
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Other	0

Description

Steep slopes leading from bealach to both summits with access via Ben More farm track. Mobile and eroding, well worth doing 'stitch in time' repairs now

Path Number: LL 19	Path Name: Balquidder PROW	Distance: 5.577Km	Location: NN5232523798 to NN5063028054
Landowner:	Designations: None	Land Management Priorities: Forestry / Stewardship	

Use:

This moorland through route links Balquidder to Ledcharrie in Glen Dochart via Kirkton Glen. The glen is on the line of an old right of way over the hills to Glen Dochart. A lovely remote walk with dramatic scenery on an old drover's route. The north glen is heavily used for grazing with livestock along entire route length.

Previous Path Management:

There is no evidence of previous path management along this route however the route is marked with way marker posts.

Path Management Constraints:

- A high specification path would greatly encourage cycling to and from Balquidder.

Path Condition:

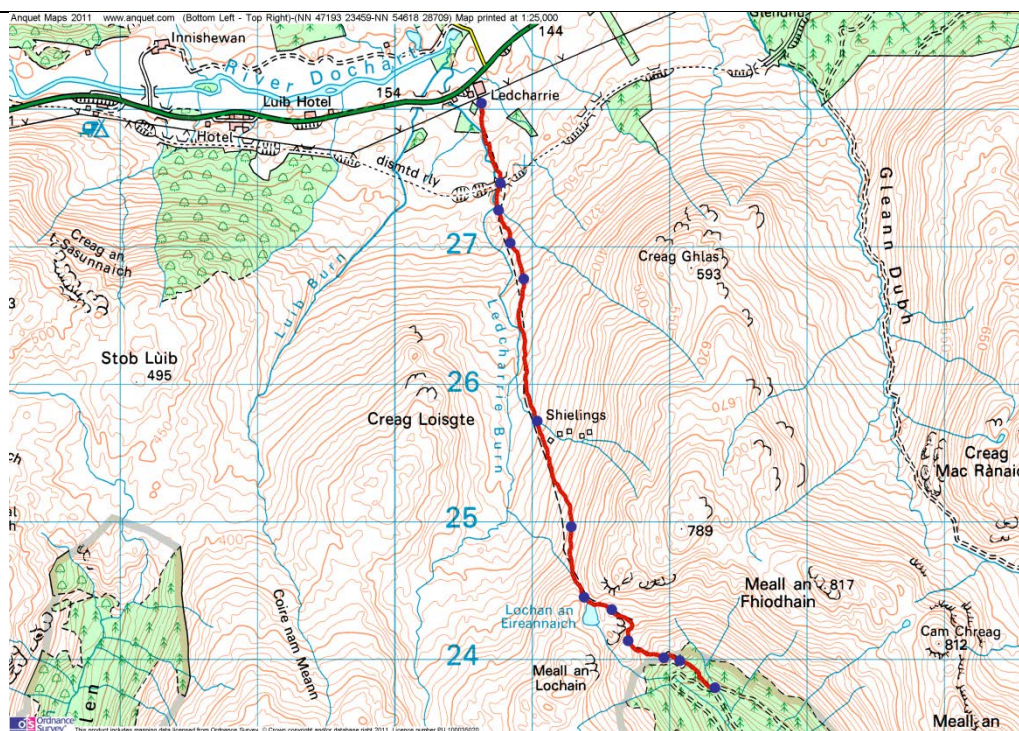
- Fairly robust, grassy and wet path in generally ok condition.
- Old railway sleeper bridge in section 11 treacherous and a liability.
- Later sections a bit rough but in keeping with location.

Recommendations:

- Section 1 to 6 would benefit from formal path management to prevent erosion. (Hand Build)
- Sections 7 to 12 require attention to raise path before erosion becomes an issue. (Machine Build)
- Light touch and drainage works along route at the very least would be beneficial

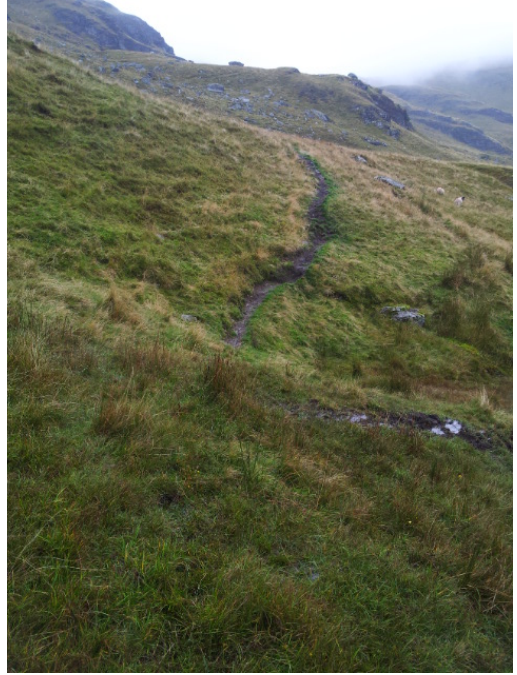
Maintenance:

Once repaired the path will require maintenance, with drains to be cleared, path surface occasionally topped up, and continuity of light touch and pre-emptive work as and when needed.





Wear at start Section 1



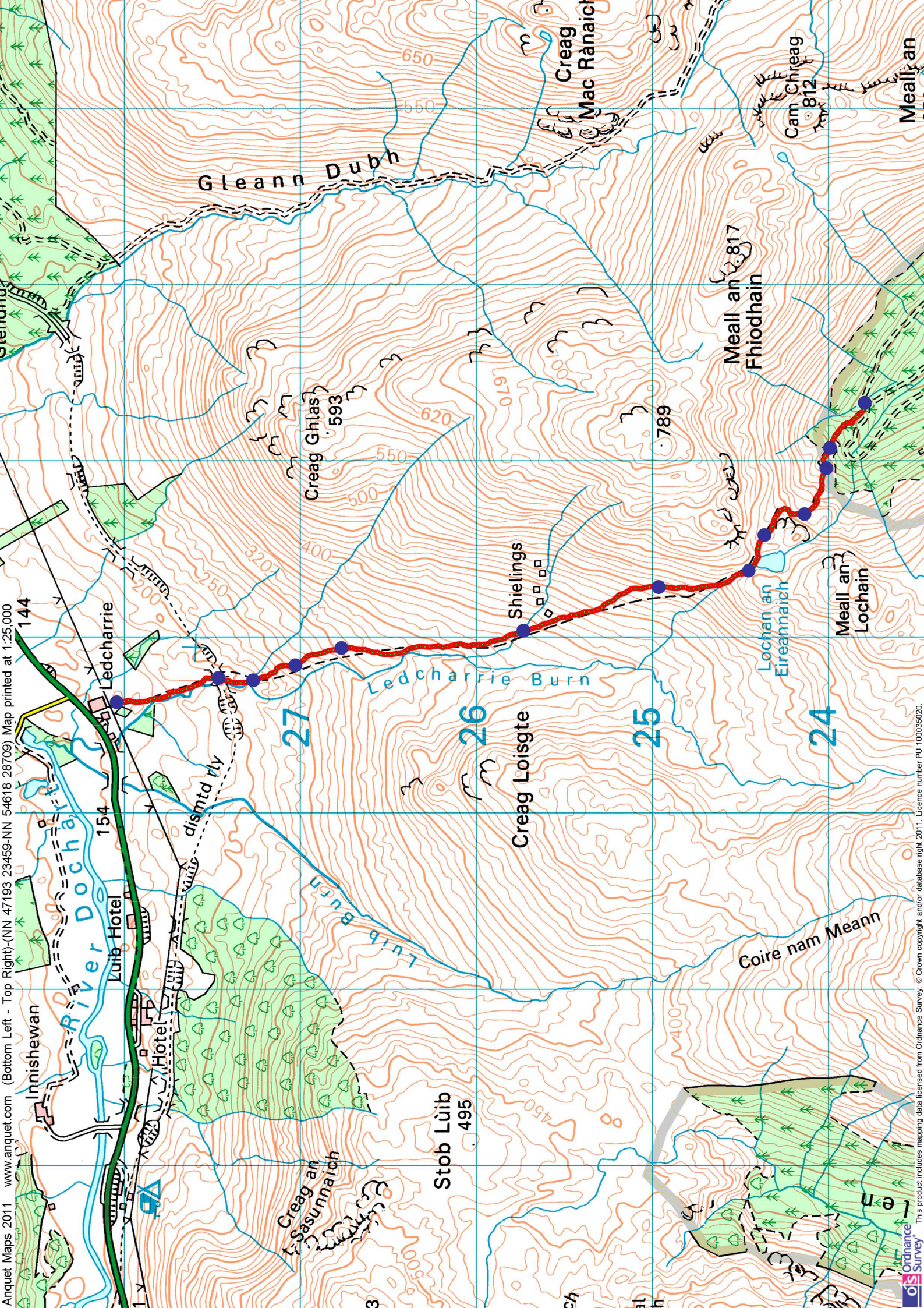
Damaged section 4



Dangerous bridge section 11



Typical trod line



Cairngorms Outdoor Access Trust

Weather Wet, Misty
Date 07 Oct. 2013
Audit No LL19
Path Name Balquidder PROW
Surveyor G.Paxton-White
Start NN5232523798
End NN5063028054

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough- ness	Drain- age	Erosion	Cond- ition	Dyna- mism	Priority	Maint (md/py)	Capital Cost
1	451	NN5232523798	Ex Agg & Grass	RoW Sign	1/1	0.50	1.00	0.2	18/24	2	3	3	3	3	3	1	27060

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		.....

Description

Steep section leading off road leading to plantation boundary. Reasonably robust path with 50/50 mix of grass and exposed mineral. Narrow shallow gully top side well vegetated suggesting path line has migrated. Recommend either full build or minimal Light touch.

2	69	NN5198624036	Grass	Burn	1/0	0.50	0.50	0	14/24	4	4	4	4	4	4	1	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		

Description

Light trample line boundary fence. Fairly robust with little damage or visible deterioration. Section ends at stile.

3	266	NN5193224022	Grass	Stile	1/0	0.40	2.00	0	20/26	2	3	4	3	4	3	1	15960
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Path line very faint. Steep climb to flat marsh area between hillocks. Overall, short grasses with little sign of damage, robust and self draining. Full build or leave alone. Materials sparse. Stile is beyond repair.

4	324	NN5172224102	Grass	Marsh	2/1	0.50	2	0	18/18	3	2	2	2	2	2	1	19,440
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Mostly short robust grasses. Very wet along entire length. Badly worn trample for 30m cross cutting accent, treacherous underfoot. Has potential to deteriorate rapidly. Faint line merges from steep gully at huge stone. Recommend full build.

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5	284	NN5163024314	Grass	Huge Stone	2/0	0.40	2.5	0	10/8	4	2	4	3	3	3	1	17,040
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Flat, very wet line to marker post at lochan. Tight grasses holding together but wide trample. Last 15m crosscuts steep banking at lochside. Waymarker posts along route. Materials sparse.

6	646	NN513952442	Grass	marker post	1/1	0.00	1.5	0	18/34	2	4	4	4	4	3	1	38,760
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Rough and fairly faint line with robust grasses along entire line. Very steep cross fall aiding drainage. Fairly robust hill path. Aggregates close to surface but stone short supply. Waymarker posts along route. Too steep for machine build.

7	875	NN5129124993	Grass	Twin stones	1/0	0.00	1.5	0	10/14	3	2	4	3	3	3	1	21,875
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Faint line diagonally crosscutting hillside difficult to distinguish. Way marker posts along route aid navigation. Increasingly wet lower down. Ideal high and dry machine build route. Aggregates available but no stone.

8	587	NN5102825732	Grass	Burn	1/0	0.00	2	0	8/12	3	2	4	3	3	3	1	14,675
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Grassy moorland with barely visible trod and generally well consolidated. Very wet underfoot but not too boggy. Line merges with old ATV track at burn crossing at end.

9	590	NN5094426262	Mineral / Grass	Burn / ATV track	1/2	1.00	3	0.3	6/10	2	2	2	2	2	2	1	14750
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Route follows old ATV hill track for the most part. Occasionally indistinct. Very wet and poor condition overall. Degrading quickly where mineral exposed. Recommend high and dry machine path. Section ends at old dyke/cairn (farm boundary)

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10	577	NN5092426805	Grass	Dyke / Cairn	0	0.00	0	0	10/10	3	4	5	4	4	4	1	14425
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Indistinct route through undulating open hill grazing. No distinct line however occasional way marker posts. Recommend full build high and dry machine path or leave alone.

11	187	NN5074127269	Grass	Sleeper bridge	1/1	0.50	1.2	0	6/10	3	4	3	3	3	3	1	14675
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		Sleeper bridge	1

Description

Worn grass / mineral path to gate closely following river bank. Generally robust. Full machine build with bridge recommended. (Existing Sleeper bridge treacherous in the wet!!!)

12	721	NN5075627446	Grass	Gate	1/0	2.00	3	0	4/6	3	2	2	2	2	2	1	18025
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Short grassy trod through field to join with farm track. Quite wet overall, farm track poor condition. Machine build recommended.

Total	5577									3	3	3	3	3	3	12	216685
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	0	Culvert	0	Bridge	1

Description

Fairly robust but wet hill path. South of lochan recommend hand build due to access and gradient difficulties. North side (Dochart) lends itself to machine high and dry raised type path with pipe culvert drainage. Heavily grazed by sheep/cattle Dochart side. Existing Way marker

Path Number: LL20	Path Name: Ben Vorlich(Earn)North	Distance: 2.458km	Location: NN6300421172 to NN6291718909
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: The most popular route for hillwalkers accessing Ben Vorlich and Stuc a 'Chroin			
Previous Path Management: The First section of the path has been heavily built in the past with lots of drainage features. Sections 2 – 4 have had no previous path management.			
Path Management Constraints: <ul style="list-style-type: none"> Any work on the upper sections will need to be in the summer months. Access and gradient rule out machine build after section 1 			
Path Condition: <ul style="list-style-type: none"> Section 1 – very poor. Badly eroded with damaged drainage features. 			
Recommendations: <ul style="list-style-type: none"> Section 1 –Rebuilt with a machine (high and dry style) Section 2 & 3 – Full hand build required. 			
Maintenance: Once built the path will need an on-going maintenance program.			

Section 1.



Section 1



Section 2

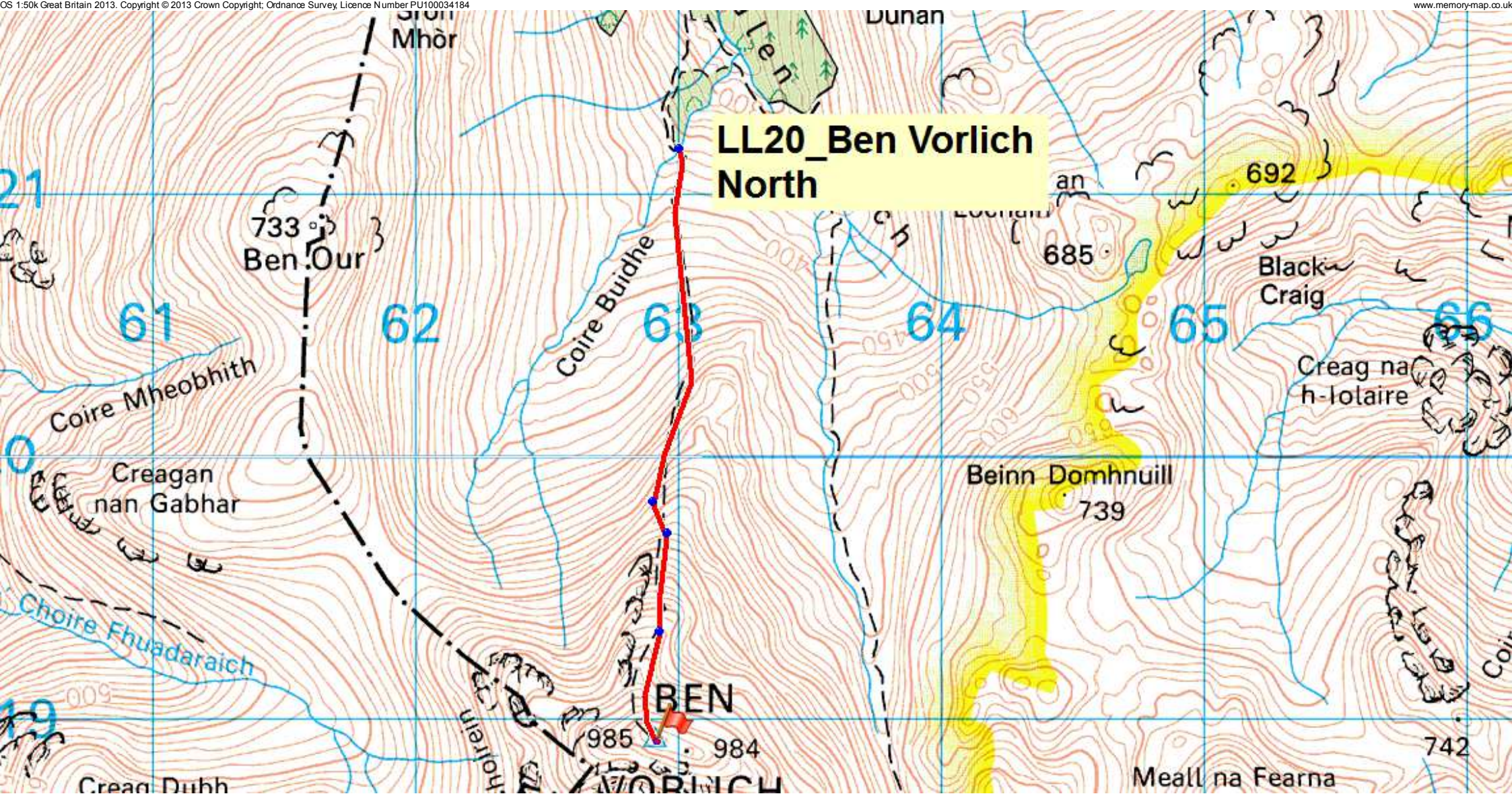


Section 2



Section 3





LL20_Ben Vorlich North

733
Ben Our

685

692

61

62

63

64

65

66

Beinn Domhnuill
739

BEN

985

984

742

Meall na Fearna

Coire Mheobhith

Coire Buidhe

Black Craig

Creag na h-Iolaire

Creagan nan Gabhar

Coire Fhuadaraich

Creag Dubh

Creag Dubh

VORLICH

Cairngorms Outdoor Access Trust

Weather Dry,cold
Date 18th September 2013
Audit No LL20
Path Name Vorlich(Earn)-North
Surveyor Donald Mackenzie
Start NN6300421172
End NN6291718909

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	1476	NN6300421172	Agg.	Start	1/1	1.20	3.00	0.3	13/6	3	3	3	3	3	2	2	29,520

Built Features

XD	37	Pitching	46	SD	688	Revet	
WB	52	Agg.	1430	.....		pc	3

Description

From start to end of built section and junction with return loop. Poor condition. Drainage features need rebuilt and path resurfaced.

2	161	NN6290519826	Agg/rock	junction	1/2	4.00	7.5	0.9	28/14	3	2	2	2	2	3	2	9,660
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From junction to cairn on North ridge. Badly eroded section with deep gullyng. Full hand built path required.

3	471	NN6296019706	Agg.	cairn	1/1	3.50	4	0.1	26/4	4	4	3	3	4	3	2	28,260
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From the cairn on the North ridge to an increase in angle below summit. Again full build required.

4	350	NN6293119330	Agg.	I.A	1/0	1.2	1.5	0	29/13	4	4	4	4	4	4	2	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			Pc	

Description

Path continues up zig zags to summit cairn. Well drained. No work required.

Total	2458														3	8	67,440
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Built Features

XD	37	Pitching	46	SD	688	Revet	
WB	52	Agg.	1430	Other		Pc	3

Description

The most popular route to Ben Vorlich. Section 1 has been heavily built in the past but due to lack of maintenance the path is in very poor condition and requires a full re-build.

Path Number: LL21	Path Name: Stuc a Chroin (return)	Distance: 1.055km	Location: NN6211518281 to NN6175117457
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Used as a return route from Stuc a' Chroin and also to bypass the main buttress and avoid scrambling.			
Previous Path Management: No previous path management noted.			
Path Management Constraints: <ul style="list-style-type: none"> The long walk in and altitude dictates that work should only be planned for the summer months. 			
Path Condition: <ul style="list-style-type: none"> Sections 1 & 3 - Generally good. Section2 - an erosion scar is obvious from Bealach an Dubh Choirein 			
Recommendations: <ul style="list-style-type: none"> Section one and three – monitor only Section two – light touch work installing anchor bars and shedding water. 			
Maintenance: Once built the path will need some maintenance.			

Section 1.

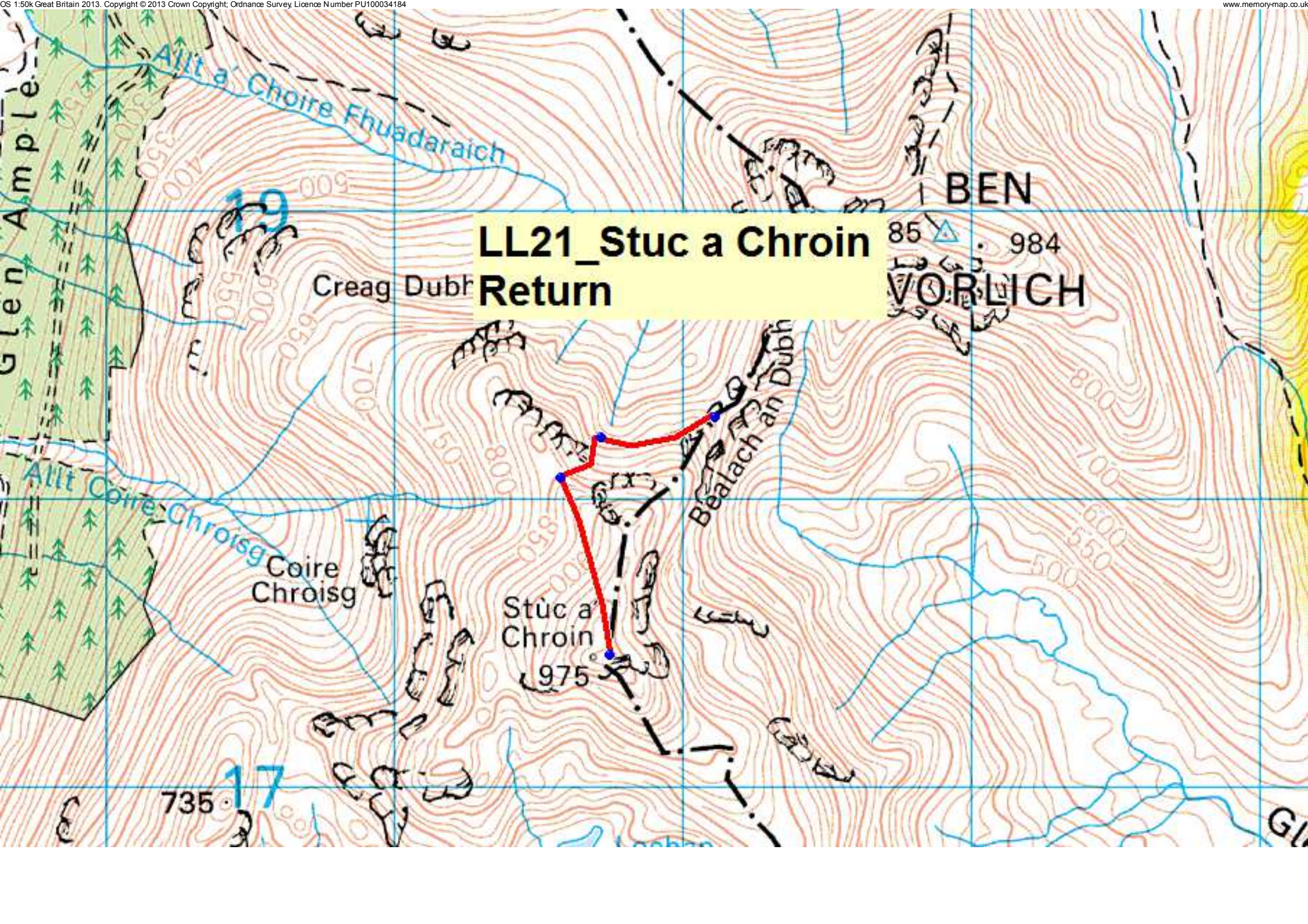


Section 2



Section 3





LL21_Stuc a Chroin
Return

85 984
VORLICH

Creag Dubh

Stùc a Chroin
 975

Coire Chroisg

Bealach an Dubh

Allt a' Choire Fhuadaraich

Allt Coire Chroisg

Glen Ample

735

17

GL

Cairngorms Outdoor Access Trust

Weather Dry, cold
 Date 18th September 2013
 Audit No LL21
 Path Name Stuc a' Chroin return
 Surveyor Donald Mackenzie
 Start NN6211518281
 End NN6175117457

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	486	NN6211518281	Agg/veg	cairn	1/0	0.50	0.70	0	8/27	4	3	4	4	4	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

Route starts at a small cairn a cuts across the top of the corrie before a steep climb onto the West ridge of stuc a' Chroin. No work required. Monitor only.

2	264	NN6171918210	Agg.	I.A	1/0	0.50	0.6	0.2	36/27	4	4	3	4	3	4	2	7,920
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Steep climb out of corrie onto west ridge. Some ABS and WBS would help to prevent further erosion

3	305	NN6158018070	Agg.	Cairn	1/0	1.00	1.2	0	12/0	5	5	4	4	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From west ridge to the summit. Typical ridge path. Good condition. No work required.

Total	1055														4	2	7,920
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Pc	0

Description

Popular route bypassing the steep buttress on stuc a Chroin. Also used as a reurn route. Generally in good condition but some 'light touch' work on section 2 would help to prevent further erosion.

Path Number: LL22	Path Name: Ben Vorlich to stuc a' Chroin	Distance: 1.903km	Location: NN6291718909 to NN6175117457
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Popular route linking the two Munros of Ben vorlich and Stuc a' Chroin			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • High altitude will rule out work in the winter months. • Access and gradient rule out machine build. 			
Path Condition: <ul style="list-style-type: none"> • Evolved line along crest of ridge. Good condition. 			
Recommendations: <ul style="list-style-type: none"> • No work required 			
Maintenance: <ul style="list-style-type: none"> • No maintenance required 			

Section 1.

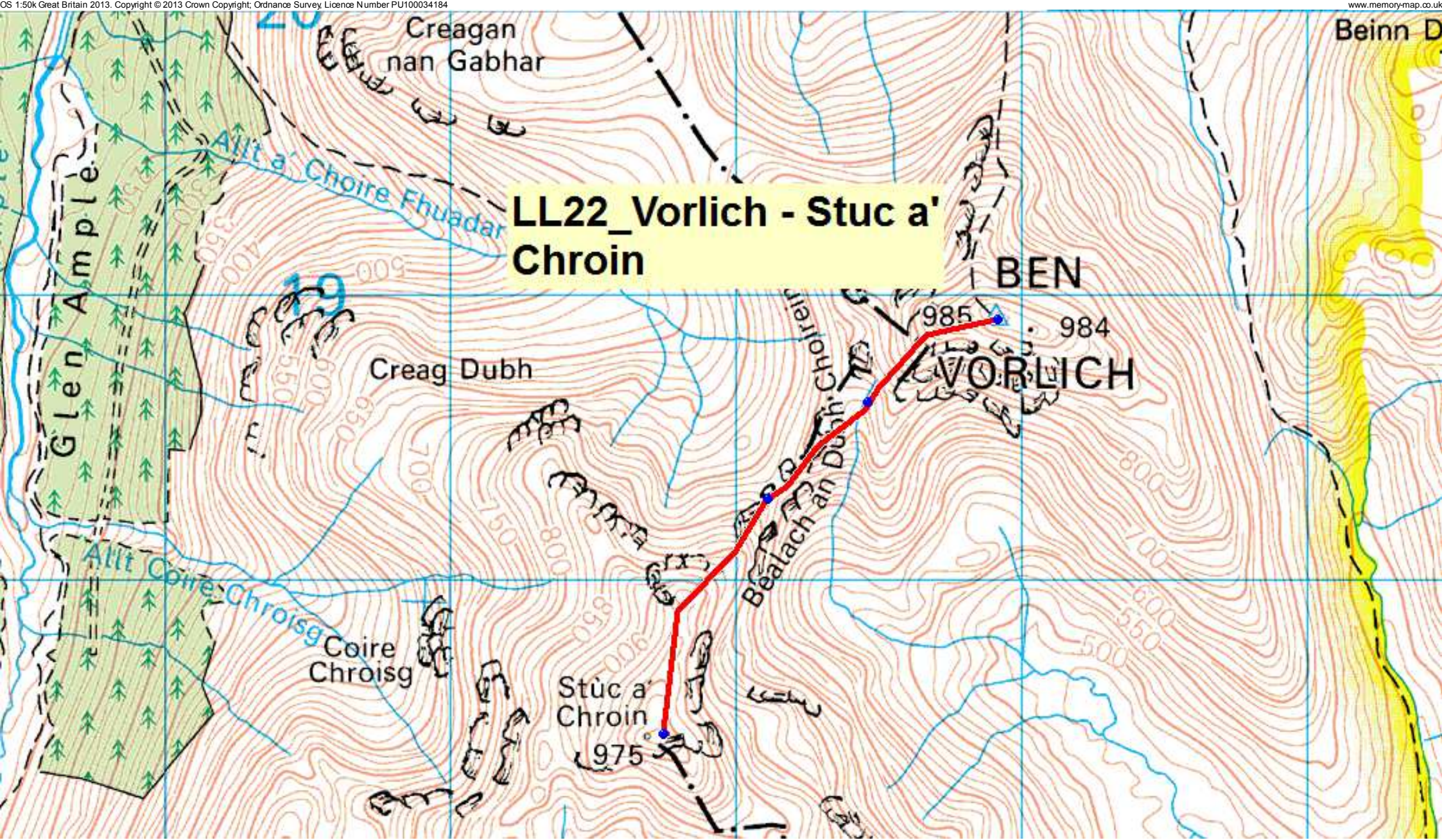


Section 1



Section 2





LL22_Vorlich - Stuc a' Chroin

BEN

985 984

VORLICH

Creag Dubh

Stuc a' Chroin
975

Coire Chroisg

Glen Ample

Allt a' Choire Fhuadar

Allt Coire Chroisg

Bealach an Dubh

Beinn D

Cairngorms Outdoor Access Trust

Weather Dry, cold
Date 18th Setember 2013
Audit No LL22
Path Name Vorlich to Stuc a Chroin
Surveyor Donald Mackenzie
Start NN6291718909
End NN6175117457

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	707	NN6291718909	Agg.	Trig point	1/0	0.70	1.00	0.1	31/19	3	4	4	4	4	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From trig point on Ben vorlich down to the fence line at the bealach. Well drianed ridge path. No work required.

2	568	NN6246318622	Agg.	Fence	1/0	0.60	1.3	0	8/0	4	4	4	4	4	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Route continues along the crest of the ridge to the junction with LL21. No work required.

3	628	NN6211518281	Agg/Rock	Cairn	1/0	0.50	0.8	0.1	36/2	2	5	4	4	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Path continues to climb steeply sticking to the crest of the ridge with some scrambling obver the buttress to a cairn. Then sticking to the ridge arrives at the summit cairn.

Total	1903														5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Other		Pc	

Description

Popular route linking the two munros of Ben Vorlich and stuc a' Chroin. Path generally sticks to the crest of the ridge and is well drained and contained. No work required.

Path Number: LL23	Path Name: Ben Vorlich -return	Distance: 2.036km	Location: NN6218818391 to NN6290219817
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Frequently used return route back to the North ridge bypassing the summit of Ben Vorlich			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Altitude would rule out work in winter months. • Access and gradient rule out machine build. 			
Path Condition: <ul style="list-style-type: none"> • Section 1 is wet in places with path spread and braiding at wet flushes. • Sections 2 & 3 are a lot dryer and well contained. 			
Recommendations: <ul style="list-style-type: none"> • Section 1 – work to improve drainage and contain path line • Section 2 & 3 -Monitor only 			
Maintenance: Once built the path will need to be included in a maintenance program.			

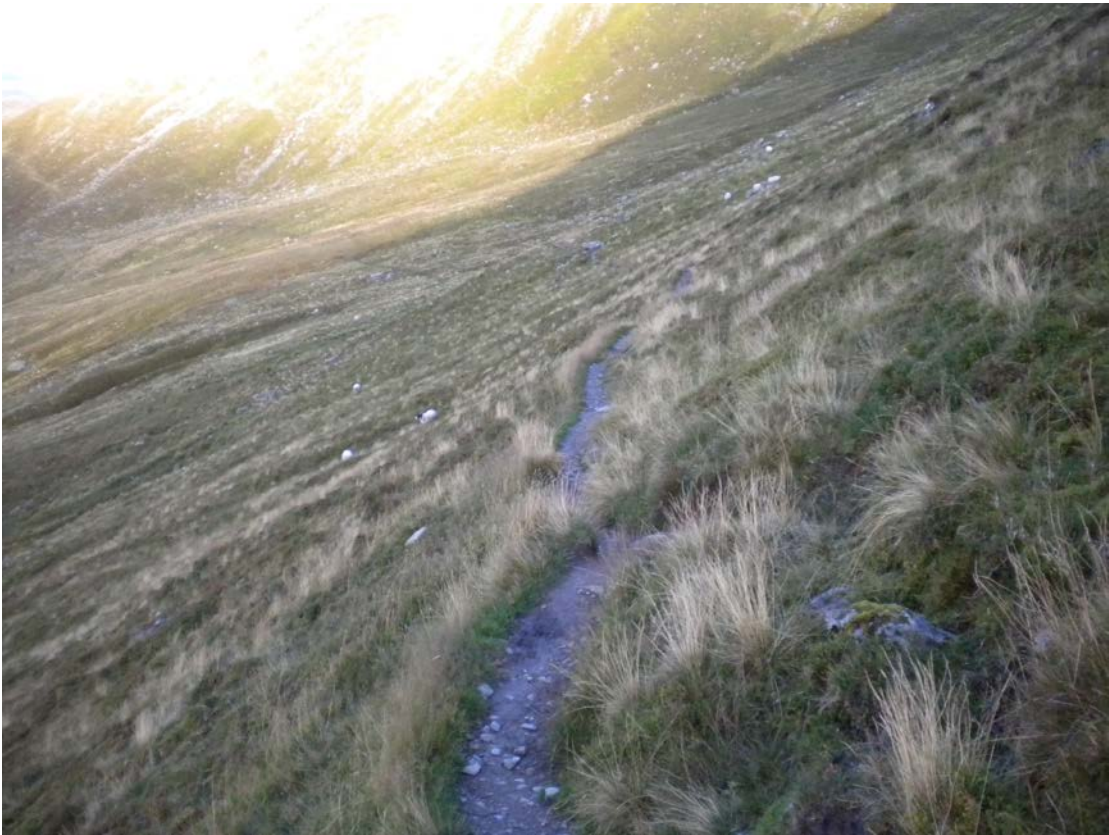
Section 1.

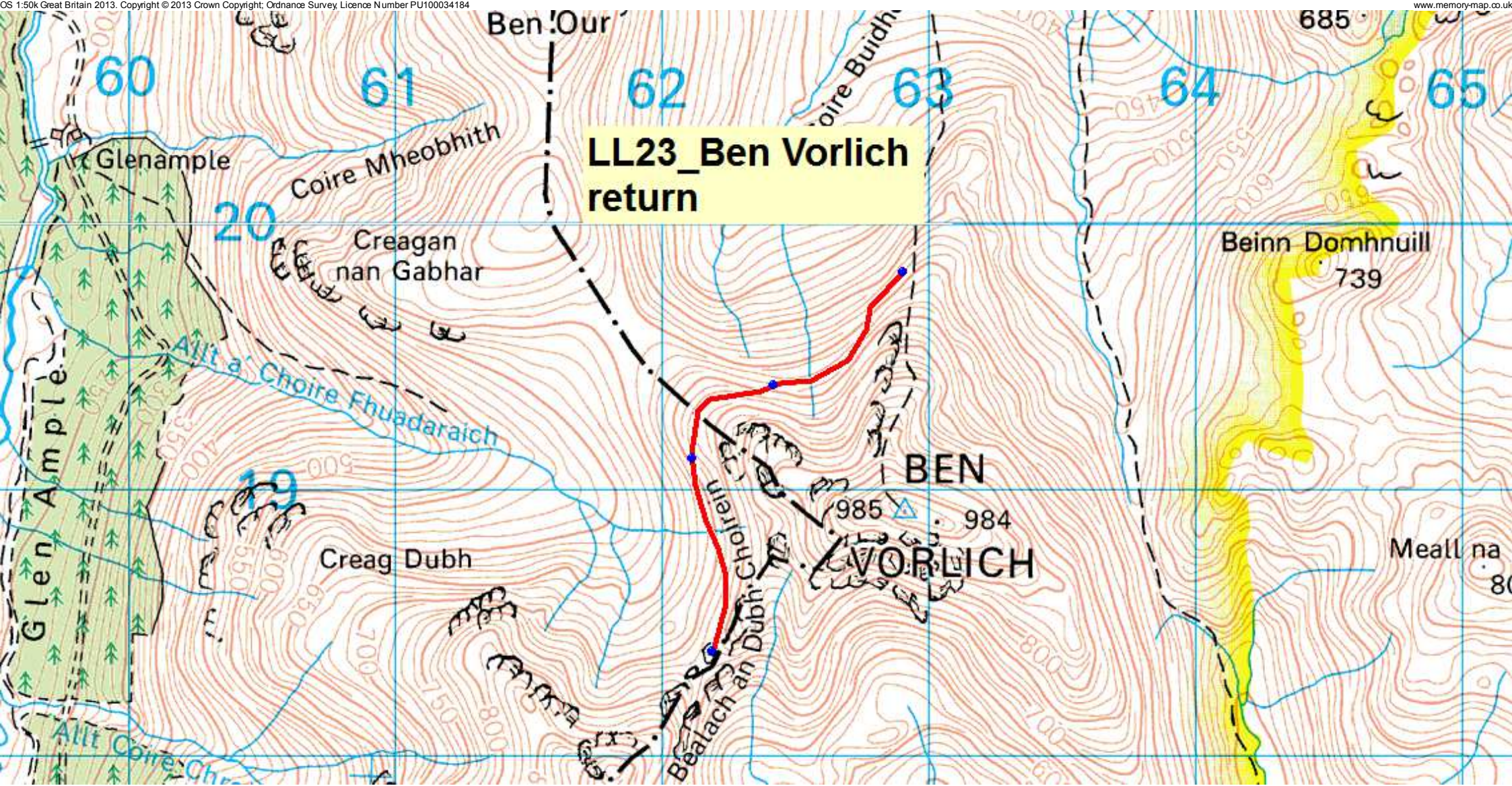


Section 2



Section 2





Cairngorms Outdoor Access Trust

Weather Dry, Cold
Date 16th September 2013
Audit No LL23
Path Name Ben Vorlich return
Surveyor Donald Mackenzie
Start
End
 NN6218818391

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	758	NN6218818391	Veg	Cairn	1/2	0.70	3.50	0.1	3/28	4	2	3	3	4	4	2	45,480

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From cairn at the bealach to where the path crosses a boulder field. Path line spreading at wet flushes with a couple of braids. Drainage work needed.

2	586	NN6211219117	Veg/Agg	Boulders	1/0	0.40	0.5	0	7/36	4	4	4	4	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From boulderfield path traverses to Corrie Buidhe. Ground here much firmer and well contained by steep side slope. No work required.

3	692	NN6242119388	Veg/Agg	Burn	1/1	0.50	1.6	0.1	4/36	4	3	4	4	4	5	0	0
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XD		Pitching		SD		Revet	
WB		Agg.		

Description

From the burn the path continues around the corrie to join with LL20. Again well contained by cross slope. No work required.

Total	2036														4	2	45,480
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Other		Pc	

Description

Frequently used return path bypassing the summit of Ben Vorlich. Wetter ground on section 1 is leading to path spread. Otherwise well contained.

Path Number: LL24	Path Name: Ben Vorlich - South	Distance: 3.082km	Location: NN6452616707 to NN6291318908
Landowner: t.b.c	Designations: NP		Land Management Priorities: Sporting/stewardship
Use: Lightly used approach to Ben Vorlich from Callender via the South East ridge.			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Remote accommodation systems may need to be deployed due to long walk in • Work would be limited to the summer months. 			
Path Condition: <ul style="list-style-type: none"> • Evolved line mainly following the crest of the ridge. Good condition with no obvious erosion scars 			
Recommendations: <ul style="list-style-type: none"> • No work required. 			
Maintenance: <ul style="list-style-type: none"> • No maintenance requirements on this path 			

Section 1.

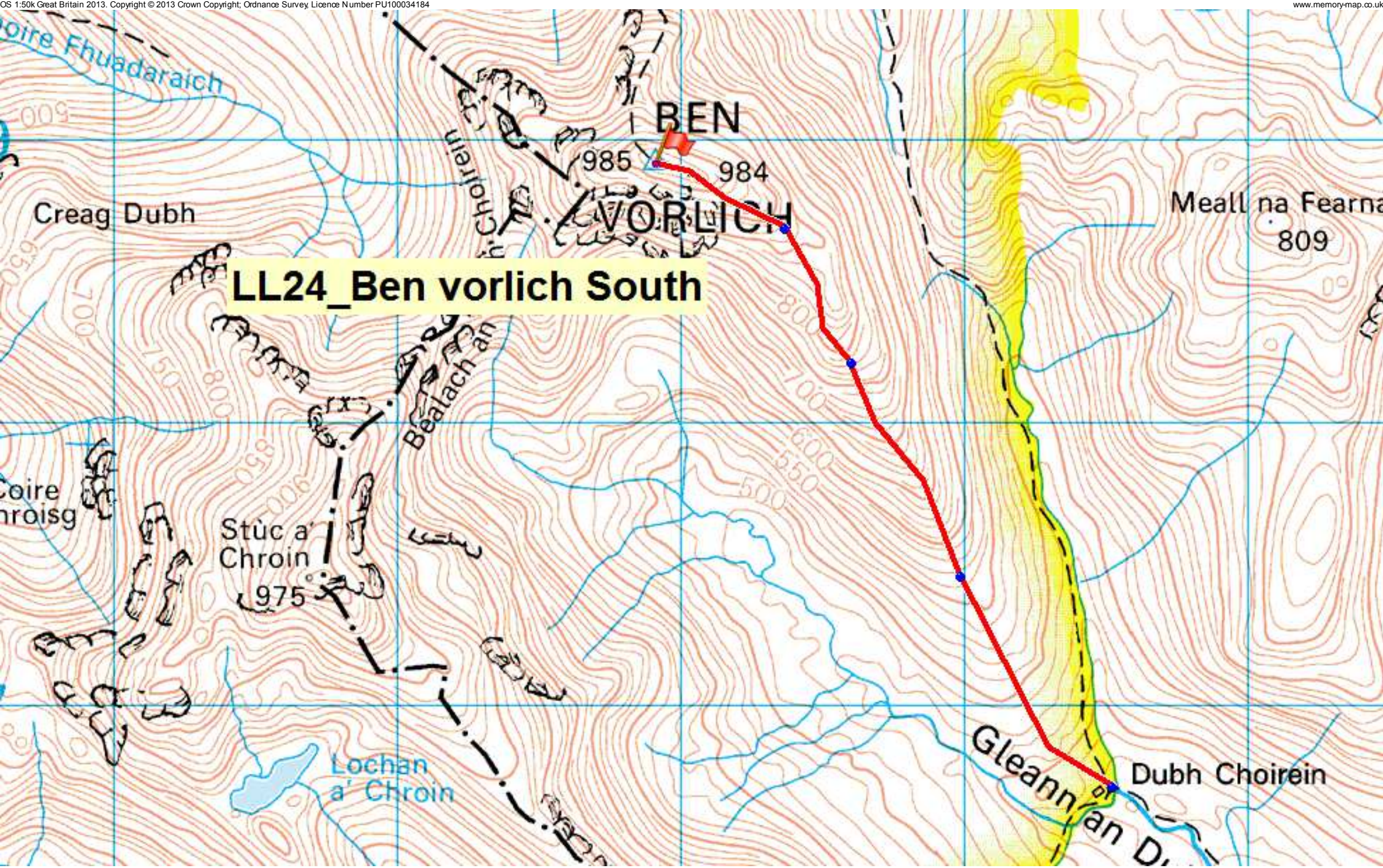


Section 2



Section 3





LL24_Ben vorlich South

BEN

VORLICH

Meall na Fearnan
809

Stùc a' Chroin
975

Lochan
a' Chroin

Gleann an Dubh
Choirein

Cairngorms Outdoor Access Trust

Weather Dry, cold
Date 18th September 2013
Audit No LL24
Path Name Ben Vorlich - South
Surveyor Donald Mackenzie
Start NN6452616707
End NN6291318908

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	1095	NN6452616707	veg	sheilings	1/0	0.30	0.50	0	13/6	4	2	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

intermittant line form sheilings to boulderfield on ridge. Wet in places but does not look heavily used. No work required.

2	901	NN6399217451	Veg	Boulderfield	1/0	0.30	0.3	0	23/2	5	5	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

evolved line following crest of ridge from boulderfield up to rocky outcrops. No work required.

3	581	NN6360318203	veg	Crags	1/0	0.30	0.5	0	16/0	5	5	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From berrock outcrops the path continues along the ridge to an increase in angle before summit. Dry route and well contained. No work required.

4	505	NN6360318203	Veg	Crags	1/0	0.4	0.5	0.1	27/4	4	5	4	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			Pc	

Description

Path climbs in and around crags until reaching the summit cairn. No work necessary

Total	3082														5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Other		Pc	

Description

Route to summit of Ben Vorlich via the south ridge. Appears to be lightly used. Path line visible but well contained. No work required.

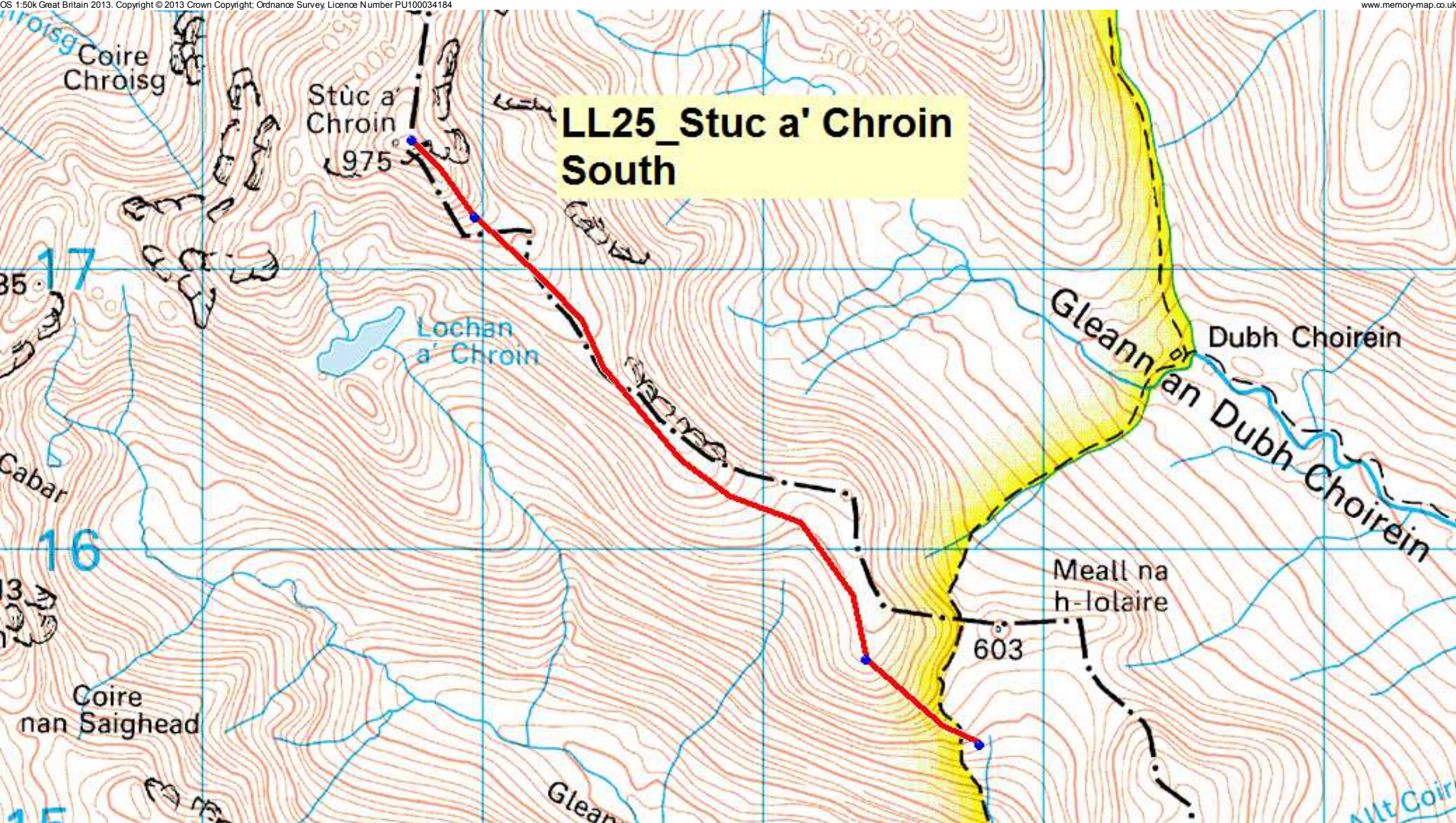
Path Number: LL25	Path Name: Stuc a' Chroin South	Distance: 3.309km	Location: NN6377615296 to NN6174917455
Landowner: t.b.c	Designations: NP	Land Management Priorities: Sporting/stewardship	
Use: Less frequented Southern approach to Stuc a' Chroin.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none"> • Remote accommodation systems may need to be deployed due to long walk in • Work would be limited to the summer months. 			
Path Condition: <ul style="list-style-type: none"> • Evolved line mainly following the crest of the ridge. Good condition with no obvious erosion scars 			
Recommendations: <ul style="list-style-type: none"> • No work required. 			
Maintenance: <ul style="list-style-type: none"> • No maintenance requirements on this path 			

Section 1.



section 2





LL25_Stuc a' Chroin South

Stùc a' Chroin
975

Lochan
a' Chroin

Gleann an Dubh Choirein
Dubh Choirein

Meall na
h-Iolaire

603

Coire
Chroisg

Cabar

Coire
nan Saighead

Gleann

Ult Coir

Cairngorms Outdoor Access Trust

Weather Dry, Cold
Date 18th September 2013
Audit No LL25
Path Name Stuc a' Chroin South
Surveyor Donald Mackenzie
Start NN6377615296
End NN6174917455

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	570	NN6377615296	Veg	Start	1/0	0.40	0.60	0.1	27/6	4	3	4	4	4	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		.....		.....

Description

From start at bottom of ridge to large boulder. Evolved line over well contained. Some pigeon holing. Monitor only

2	2308	NN6337015602	veg	Boulder	1/0	0.30	1.2	0	7/3	5	4	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Evolved line over firm ground on gently sloping grassy ridge. Some evidence of ATV tracks visible. No work required.

3	431	NN6197417178	veg/Agg	I.A	1/0	0.40	0.6	0.1	27/6	4	3	4	4	4	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From increase in angle at boulderfield to Stuc a' Chroin summit. Well contained dry line. No work required.

Total	3309														5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Other		Pc	

Description

Lightly used path up gentle sloping grassy Southern ridge of Stuc a Chroin. Line intermittent in places. Well contained with good drainage. No work required.

Path Number: LL 26	Path Name: Glen Finglas PROW	Distance: 4.839Km	Location: NN5296217446 to NN5174814620
Landowner: Immeroin Farm	Designations: SAC	Land Management Priorities:	

Use:

This moorland through route links Ballimore, near Balquhiddier to Brig O'Turk via picturesque Glen Finglas. A lovely remote walk with dramatic scenery on an old drover's route. Route joins with a newly repaired Glen Meann estate track leading through Glen Finglas. Area is heavily used for sheep grazing with livestock along entire route length. Some evidence of cycle use.

Previous Path Management:

There is no evidence of previous path management along this route with the exception of one new stile and boundary marker stone at Glen Meann estate track end (section 10).

Path Management Constraints:

- A high specification path would greatly encourage cycling to and from Brig o' Turk.

Path Condition:

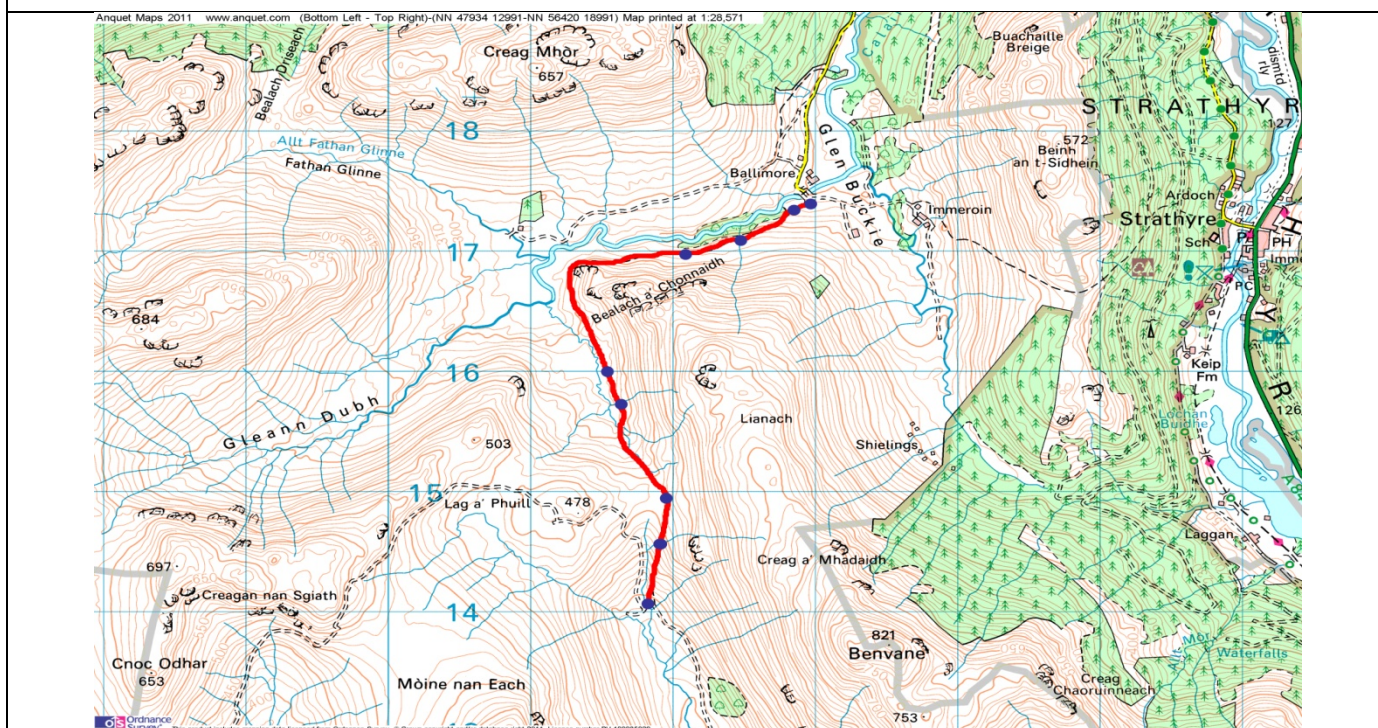
- Fairly robust, if wet path in generally ok condition.
- 19m section 1 requires immediate attention.
- Later sections a bit rough but in keeping with location.

Recommendations:

- Section 1 requires attention to prevent further erosion of steep banking
- Sections 9 & 10 require attention to raise path before erosion becomes an issue
- Light touch and drainage works along route would be beneficial

Maintenance:

Once repaired the path will require maintenance, with drains to be cleared, path surface occasionally topped up, and continuity of light touch and pre-emptive work as and when needed.





Heavy damage at start Section 1



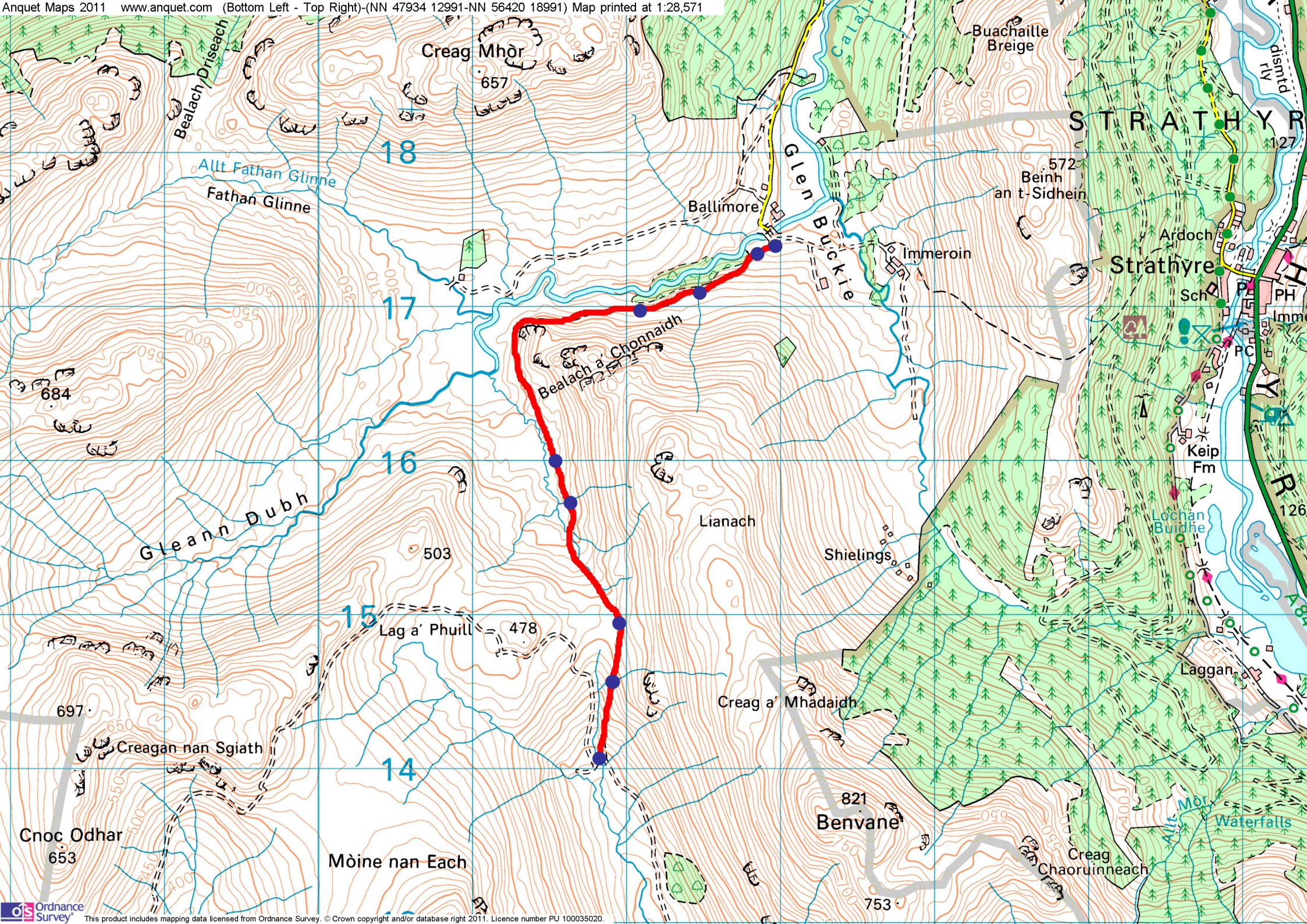
Wet section at end Section 10



New Stile Sections 9/10



Typical trod line



Cairngorms Outdoor Access Trust

Weather Dry, Cloudy, Light Wind
 Date 11 Sept. 2013
 Audit No LL26
 Path Name Glen Finglas PROW
 Surveyor G.Paxton-White
 Start NN5296217446
 End NN5174814620

Section	Length	Grid Ref	Surface Type	Feature	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	19	NN5296217446	Agg.	RoW Sign	1/0	1.00	1.00	0.2	20/0	2	2	3	2	2	2	0.5	5000

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		.....

Description

Short steep section leading off road. Heavy gullying and landslip. Requires full stone pitched path with stabilising revetment top and bottom. Materials are sparse.

2	167	NN5295517430	Grass	opp of Slope	1/0	0.00	1.50	0	0/0	5	4	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		

Description

Light trample line through grazing field with no damage or visible deterioration. Section ends at gate.

3	495	NN5283517331	Grass	Gate	1/1	0.50	1.00	0	4/1	4	4	4	4	4	4	1	9900
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Light trample line through grazing field with only occasional patches of wet aggregates (muddy but holding). Exposed aggregates towards end of section more frequent and visible however fairly robust.

4	539	NN5246517076	Ex Agg & Veg	Burn crossing	1/2	0.50	2	0	1/1	4	3	4	4	4	4	1	10,780
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Flat distinct path line through wet but firm and well consolidated grazing land. (sheep) Slight banking gullying for 7m at burn (burn in deep cross gully) crossing and would benefit from stabilization works.

Cairngorms Outdoor Access Trust

5	530	NN5201516967	Ex Agg & Veg	Small burn	2/2	0.50	2	0	1/1	4	3	4	4	4	4	4	0.5	10,600
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Path splits into 2 but top line becoming indistinct at 80m. Lower line faint but distinguishable in places crossing numerous wet flushes for approx. 300m until patches of exposed aggregates/grass becoming more visible. Very flat entire length

6	1100	NN5158016964	Ex Agg & Veg	Large rock	1/1	0.50	1	0	2/8	4	5	4	4	4	4	4	1	22,000
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Exposed aggregates and grasses along entire line. Distinct and visible line occasionally interspersed with small wet flushes but showing little damage. Fairly robust hill path.

7	990	NN5138716305	Ex Agg & Veg	stone croy	1/1	0.50	0.5	0	2/4	4	3	3	4	4	4	4	0.5	19,800
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Mainly flat grassy trod with distinct line showing through interspersed with occasional exposed aggregates. Generally well consolidated and not as wet as previous sections. Typical rough hill/sheep trail in reasonable condition.

8	544	NN5170515474	Ex Agg & Veg	tree and burn	1/1	0.40	1	0	6/2	3	3	4	4	4	4	4	0.5	10,880
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Grassy moorland with visible trod but well consolidated. Quite wet underfoot but not too boggy. Small burn crossing at 160m NN5169015327

9	225	NN5181215007	Veg	Stile	2/3	1.00	3	0.3	2/10	2	4	3	3	3	3	3	0.5	4500
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Path contours around hillock creating worn bench cut stile path line. Very wet with water off cross slope but draining well. Fully exposed Agg for 150m becoming patchy with worn grass. Section ends where path crosses small spring (leading to burn)

Cairngorms Outdoor Access Trust

10	230	NN5182514820	Veg	Small burn	1/0	0.00	1.5	0	2/4	4	2	3	3	3	3	0.5	4600
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route follows flat grassy/muddy trod through wet vegetation, very wet moorland with numerous seeps. Would require high and dry raised path. Section ends at Estate Track NN5174814620

Total	4839									4	3	4	4	4	4	6.0	98060.0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Culvert	0	Bridge	0

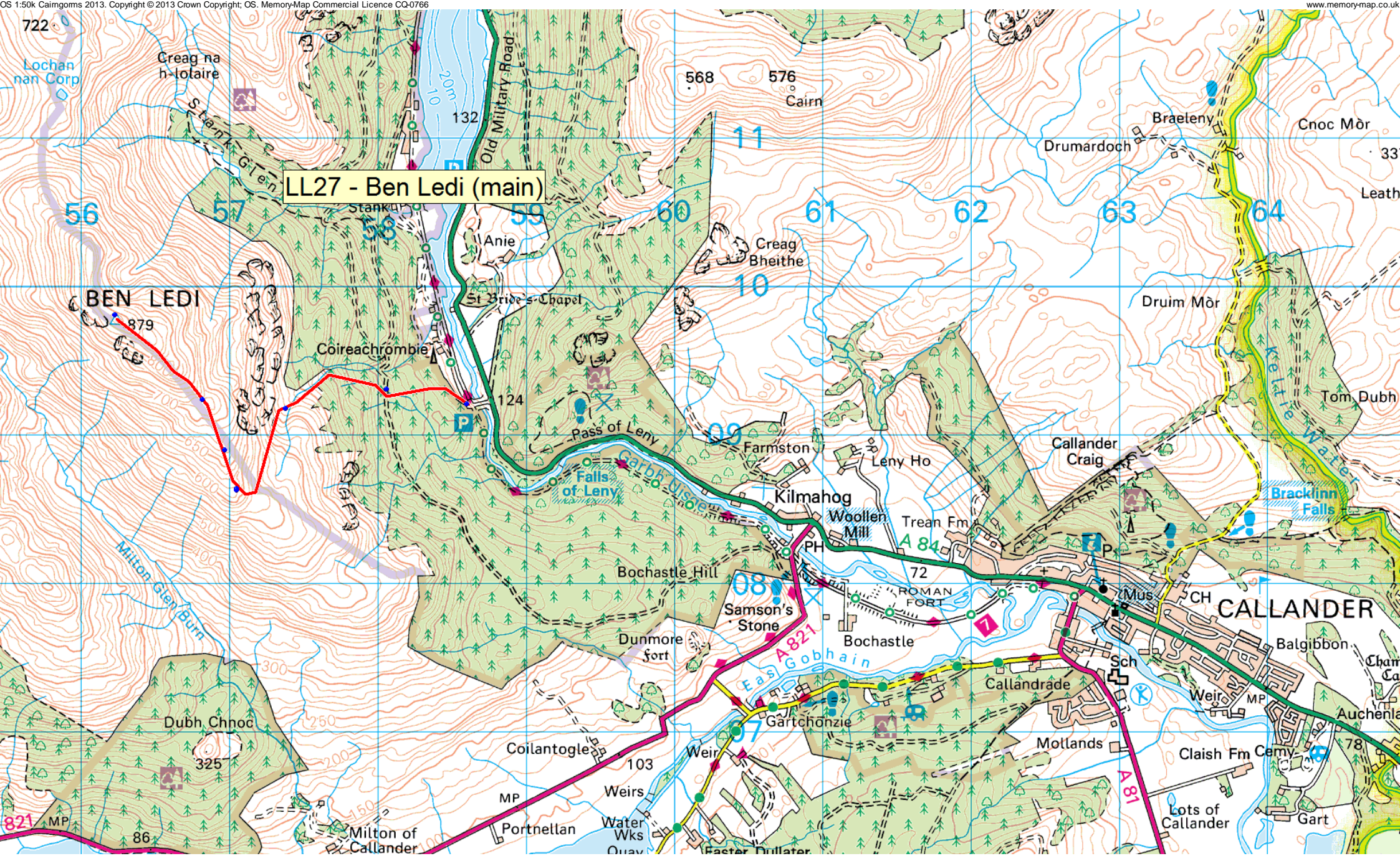
Description

Fairly robust but wet hill/stalkers path along full length. Would lend itself to machine high and dry raised type path with pipe culvert drainage. Exception being small rise at start requiring full build pitching/revetment stabilization works. Heavily grazed by sheep along full length.

Path Number: LL27	Path Name: Ben Ledi (Main)	Distance: 4,342m	Location: Start: NN 58641 09194 End: NN 56230 09803
Landowner: FCS	Designations:		Land Management Priorities: Forestry/Recreation/grazing
Use: Very popular path a few miles North of the tourist hub of Callander. Corbett baggers, hillwalkers, locals and tourists alike all make regular use of the hill path. There is evidence of some mountain biking.			
Previous Path Management: The path within the Forest itself has had extensive work phased over a number of years, and requires little attention. Beyond the dyke there have been some small scale attempts at holding the spread of erosion. This has had little, if any, effect			
Path Management Constraints: <ul style="list-style-type: none"> Machine Access to the site between the dyke and the shoulder may be very difficult, and the steepness of cross-slope towards the shoulder itself would preclude machine build techniques. It may well be possible to track in due south to the summit ridge, and if so this would present a good solution for the massive spread through the peat hags and thin soils. 			
Path Condition: <ul style="list-style-type: none"> Beyond the dyke the path is in desperate condition – with gulying beneath the shoulder and uncontained spread on the approach to the ridge 			
Recommendations: <ul style="list-style-type: none"> Hand build path to shoulder Machine build higher up if access possible 			
Maintenance: Regular maintenance will be required once work has been completed.			







LL27 - Ben Ledi (main)

BEN LEDI

CALLANDER

Pass of Leny

Falls of Leny

Milton Glen Burn

Bracklinn Falls

Dubh Chnoc

Coilantogle

Callandrade

Milton of Callander

Portnellan

Mollands

Clash Fm Camy

Easter Dullater

Gart

Water Wks

Lots of Callander

Weirs

Clash Fm Camy

Water Wks

Lots of Callander

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Water Wks

Lots of Callander

Cairngorms Outdoor Access Trust

Weather showers, hill fog above 700m
Date 21st August 2013
Audit No LL 27
Path Name Ben Ledi (Main)
Surveyor Dougie Baird
Start NN 5864109194
End NN 5623009803

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	783	NN 5864109194	Agg.	start	1/1	1.20	1.8	0.1	13/17	5	5	5	4	4	5	1	0

Built Features

XD	14	Pitching	15	SD	750	Revet	15
WB	12	Agg.	768	Pipe C	0	Abs	12

Description

Heavily engineered path built fairly recently. In good condition with very minor works more in the way of maintenance required

2	925	NN 5802209261	Agg.	gate	1/1	1.10	1.50	0.1	12/18	5	5	4	4	4	4	1	5,000
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Built Features

XD	20	Pitching	98	SD	650	Revet	
WB	18	Agg.	823	0	AB	21

Description

Heavy build path mostly in good condition. One section of pitching being bypassed and water bars requiring repair/maintenance

3	935	NN 5737209162	Agg.	STILE	3/5	8.00	15.00	0.7	14/21	1	1	1	1	1	1	1	70000
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Built Features

XD	12	Pitching		SD	0	Revet	
WB	3	Agg.	0	0	0

Description

Very heavily damaged path with mutple routes and braids, wide damage zone and gullied surface. Deteriorating rapidly. Full build hand build path

4	332	NN 5705408625	peat/agg	metal post	2/3	1.80	5	0.3	11/12	3	2	2	2	2	2	1	15,000
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	0

Description

poorly drained path skirting round and through peat hags. Machine built path if accessible.

5	426	NN 5697208896	Agg	cairn	2/3	2.00	6	0.3	6/12	3	1	1	1	1	1	1	15,000
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	0	0

Description

easy angled path on summit approach, eroding with exposed peat and mineral - braided and eroding. Suitable for machine build

6	941	NN 56820 09236	Agg.	bog	2/2	1.50	3.00	0.3	7/12	2	2	2	2	2	2	1	30,000
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Built Features

XD	3	Pitching	21	SD	0	Revet	18
WB	8	Agg.	180	0	0

Description

Summit approach with short steep pitches linked by easier angled sections hanbuilt path, short heavy build with light touch between pitches

TOTAL	4,342			March											1	6	135,000
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Built Features

XD	49	Pitching	134	SD	1,400	Revet	33
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Description

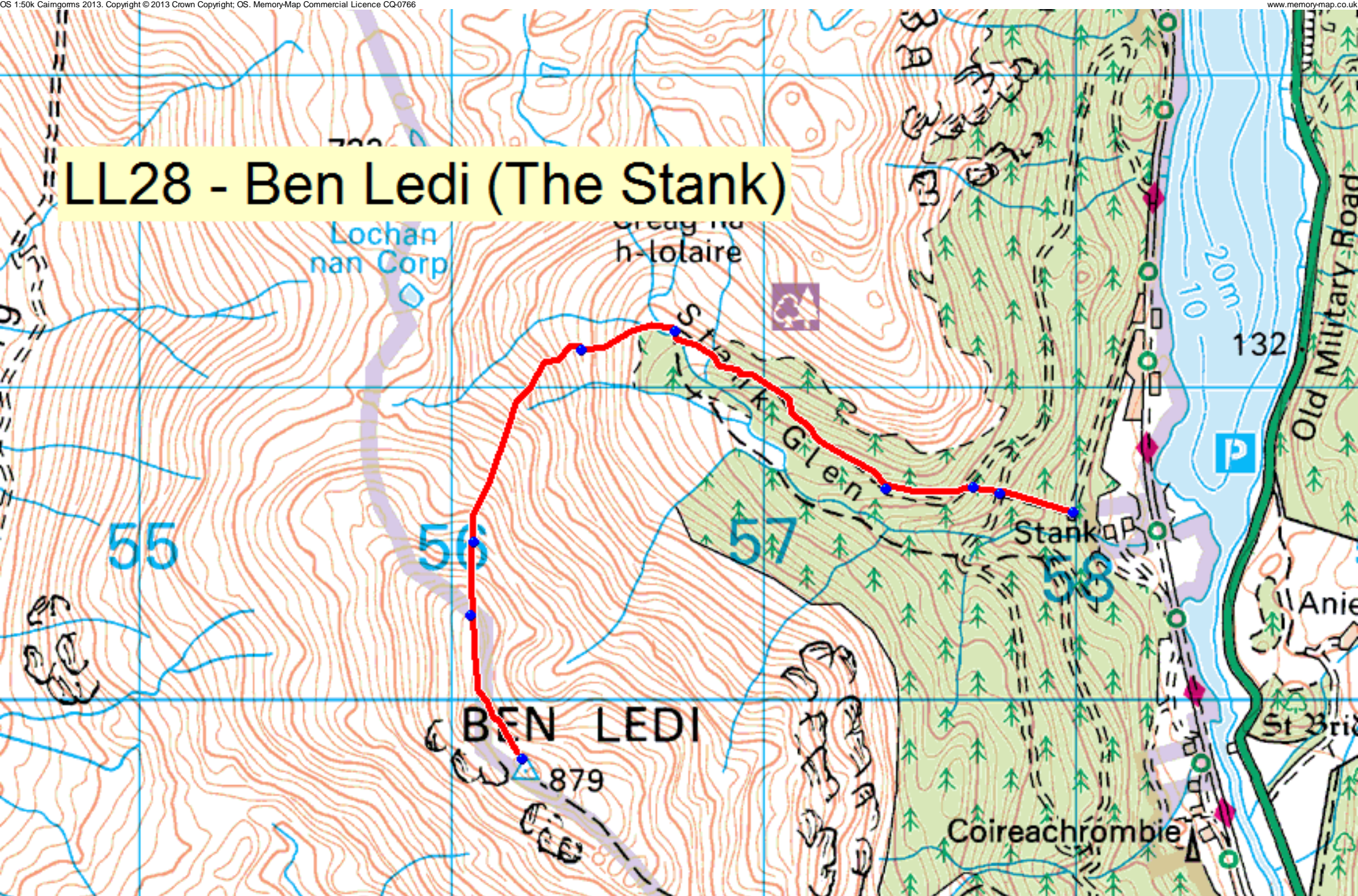
Ben Ledi main path is in desperate condition above the dyke ful build - should be possible to get

Path Number: LL28	Path Name: Stank (Ben Ledi)	Distance: 4,342m	Location: Start: NN 5799610593 End: NN 562410976
Landowner: FCS	Designations:		Land Management Priorities: Forestry/Recreation
Use: Alternative route for Ben Ledi, and offering a circular walk for the ever-popular Corbett. The lower route is used extensively for forest walks by a wide range of users, and crosses/utilises sections of forest road on a number of sections.			
Previous Path Management: The path above the stile has little or no work. The sections beneath the stile to the forest road, and between the forest roads lower down, has been heavily built to good effect. The lower sections within the forest itself are very badly damaged but have received no work as yet.			
Path Management Constraints: <ul style="list-style-type: none"> • Machine Access to the lower sites will be impossible due to tree cover and angle of slope • The upper path would be easy to access by machine • Stone for construction would be a challenge for work anywhere on the route, though due to the forest road there is little difficulty in importing materials. 			
Path Condition: <ul style="list-style-type: none"> • The path beyond the stile still has comparatively low use, and whilst very wet is not very damaged • The path sections within the forest on the lower section are very badly damaged 			
Recommendations: <ul style="list-style-type: none"> • Hand build path on lower sections with imported materials • Pre-emptive light touch works only on the upper mountain 			
Maintenance: Regular maintenance and pre-emptive works will be required once work has been completed.			





LL28 - Ben Ledi (The Stank)



Cairngorms Outdoor Access Trust

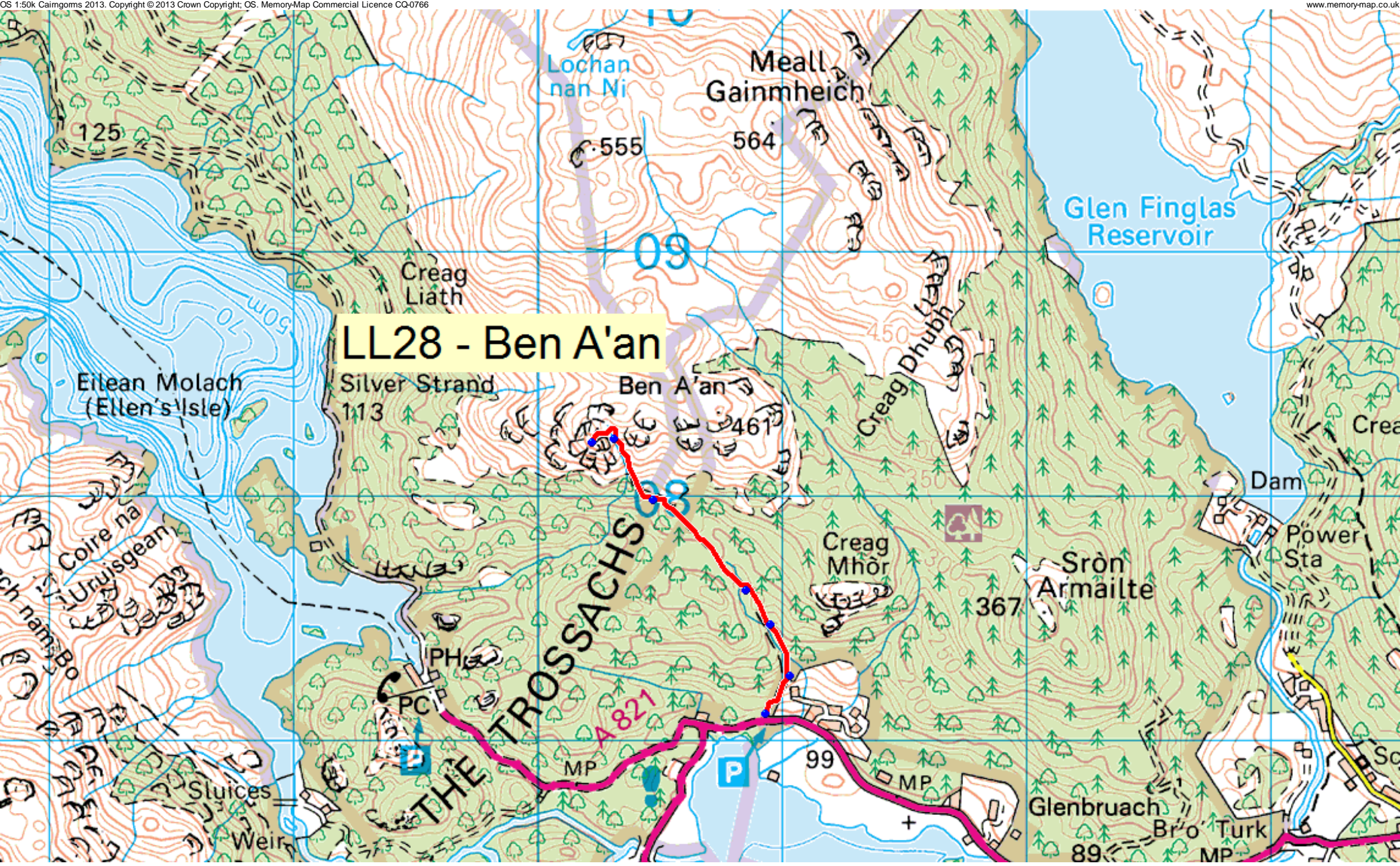
Weather showers, hill fog above 700m
Date 21st August 2013
Audit No LL 28
Path Name Ben Ledi (Stank)
Surveyor Dougie Baird
Start NN 5799610593
End NN 562410976

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	355	NN 5799610593	Agg.	start	2/2	1.80	4.3	0.3	14/18	2	2	2	2	1	2	1	35,000
Built Features										Description							
XD			Pitching		SD		Revet		Badly gullied section in forest. Full build hand build due to steepness and terrain								
WB			Agg.		Pipe C		Abs										
2	320	NN 5767510673	Agg.	road	1/0	3.50	3.50	0	4/7	5	5	5	5	55	5	0	0
Built Features										Description							
XD			Pitching		SD		Revet		Road								
WB			Agg.		.....		AB										
3	843	NN 573901008	Agg.	road end	1/0	1.10	1.10	0	4/7	5	5	5	5	5	5	0.2	0
Built Features										Description							
XD			5 Pitching		SD	550	Revet		Heavily built path, in very good condition								
WB			Agg.	843	.....	0	.....	0									
4	332	NN 5659011153	Agg.	burn x	1/1	1.10	1.5	0.1	5/11	5	5	4	4	4	4	1	5,000
Built Features										Description							
XD			0 Pitching		0 SD		0 Revett		Fully built path with failing drainage features and beginning to become bypassed A bit of repair and resurfacing along with effective maintenance would sort it out.								
WB			0 Agg.		0	0	.....										0
5	929	NN 5607610498	Agg	stile	2/2	1.1.	3.4	0.1	18/22	5	1	4	4	4	4	0	0
Built Features										Description							
XD			0 Pitching		0 SD		0 Revett		2 steep pathlines ascending the north shoulder of Ben Ledi. Very wet and little used No work recommended at present but repeat surveys recommended in future years								
WB			0 Agg.		0	0	.....										0
6	343	NN5606510267	Agg.	bog	2/2	1.50	3.00	0.3	7/12	2	2	2	2	2	2	1	0
Built Features										Description							
XD			3 Pitching		21 SD		0 Revett	18	Summit approach with short steep pitches linked by easier angled sections hanbuilt path, short heavy build with light touch between pitches								
WB			8 Agg.		180	0	.....										0
TOTAL	3,122														3	3	40,000
Built Features										Description							
XD			8 Pitching		21 SD	550	Revet	18	Heavy build in lower forest section - middle parts of route already well built little needed on the								

Path Number: LL29	Path Name: Ben A'an	Distance: 1,907m	Location: Start: NN 5095 307041 End: NN 50733 08339
Landowner: FCS	Designations: SSSI, NSA	Land Management Priorities: Forestry/Recreation	
Use: Very popular path giving extensive views of Loch Katrine and the Trossachs, and heavily used by tourists and locals alike for a short steep walk giving a real mountain experience. The south facing slabs dry quickly and offer a wide range of traditional rock climbing routes, and so the hill is popular with climbers.			
Previous Path Management: <ul style="list-style-type: none"> - The path within the forest itself was worked extensively through the Manpower Services Commission's Special Programmes in the mid to late 1980s. Most of this work has now unravelled due to scale of use and lack of maintenance - The upper path has been built using Pathcraft techniques in the 1990s. Some of this has been successful and some has not. Substantial sections will need to be rebuilt. 			
Path Management Constraints: <ul style="list-style-type: none"> • Machine Access will be impossible due to current tree cover and angle of slope • Materails will have to be imported 			
Path Condition: <ul style="list-style-type: none"> • Between the upper and lower sections there is a very wide damage zone which has never been built and desperately needs repaired. Current tree cover and steepness of slope means that work here will have to be handbuilt only, and materials will be a challenge! • Large sections of the Pathcraft work has failed, and there is almost nothing of the MSC work left. 			
Recommendations: <ul style="list-style-type: none"> • Full build path all the way to the bridge and beyond. • Rebuild sections on the upper slope 			
Maintenance: Regular maintenance and pre-emptive works will be required once work has been completed.			







Cairngorms Outdoor Access Trust

Weather Misty, light rain
 Date 2nd July 2013
 Audit No LL 28
 Path Name Ben A'an
 Surveyor Dougie Baird
 Start NN 5095307041
 End NN 50733 08339

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Cond-ition	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	302	NN 5095307041	Agg.	Gate	2/4	5.00	8	0.3	13/17	2	2	3	3	2	2	4	30,000
Built Features										Description							
			1 Pitching	12	SD	0	Revet	15		Old MSC work from the 1980s, mostly obliterated due to heavy erosion Requires full rebuild, with a lot of stone pitching (shortage of materials!)							
			3 Agg.	0	Pipe C	0	.....	0									
2	174	NN5103207293	Agg/peat	jnct to burn	2/2	5.00	7.00	0.2	8/12	2	2	3	3	3	2	1	27,000
Built Features										Description							
			0 Pitching	14	SD	0	Revet	8		Peaty and eroded path through woodland, with some residual MSC work (bypassed) Full build aggregate path required with some pitching.							
			4 Agg.	0	.....	0	.....	0									
3	105	NN 5093707431	Agg.	Footbridge	2/2	7.00	10.00	0.3	12/18	2	2	3	2	2	2	1	12,000
Built Features										Description							
			Pitching	18	SD	0	Revet			Badly eroded slope above footbridge with gullying and multiple routes Full build path (hand build) with stone pitching required.							
			WB Agg.	0	.....	0	.....	0									
4	643	NN 5089807528	peat/agg	flat section	1/3	3.00	12	0.1	5/8	3	2	2	2	2	2	1	70,000
Built Features										Description							
			2 Pitching	8	SD	0	Revet	12		Boggy peaty path with wide spread in places. Full build aggregate path, machine appropriate but access limited as are materials							
			3 Agg.	0	.....	0	.....	0									
5	373	NN 5047107972	Agg./pitch	Boulder	3/4	5.00	12	0.7	18/21	1	1	1	1	1	1	1	50,000
Built Features										Description							
			3 Pitching	196	SD	0	Revet	38		section previously built (1990s?) but failed. Requires 70% rebuild Pitching and aggregate with substantail revetmentt work							
			WB Agg.	120	.....	0	.....	0									
6	310	NN 5030302217	Agg.	bog	2/2	1.50	3.00	0.3	7/12	2	3	2	3	3	3	1	30,000
Built Features										Description							
			3 Pitching	21	SD	0	Revet	18		Attempt to build path around upland mire have mostly failed. Requires to be rebuilt with substantually heavier build path. Revetment Aggregate and some pitching							
			WB Agg.	180	.....	0	.....	0									
TOTAL	1,907									2	2	2	2	2	2	9	207,000
Built Features										Description							
			9 Pitching	269	SD	0	Revet	91		Ben A'an has had previous work, some of which has worked, but much has not. Sections need							

Path Number: LL30	Path Name: Ben Venue from Loch Achray	Distance: 4.571km	Location: NN4958106513 to NN4690906087
Landowner: t.b.c	Designations: NP, NSA		Land Management Priorities: Sporting/stewardship
Use: Popular route from Ben Venue car park used by hillwalkers			
Previous Path Management: Paths have been built over the first four sections by the forestry commission			
Path Management Constraints: <ul style="list-style-type: none"> • A machine would struggle on sections 5 and 6. These sections should be hand built. 			
Path Condition: <ul style="list-style-type: none"> • Lower path up to section four is in good condition • Sections 5 and 6 are very wet with path continuing to spread 			
Recommendations: <ul style="list-style-type: none"> • Section 1 to 4 - maintenance only • Section 5 & 6 - install a robust hand built path 			
Maintenance: Once built the path will need an annual maintenance program			

Section 1



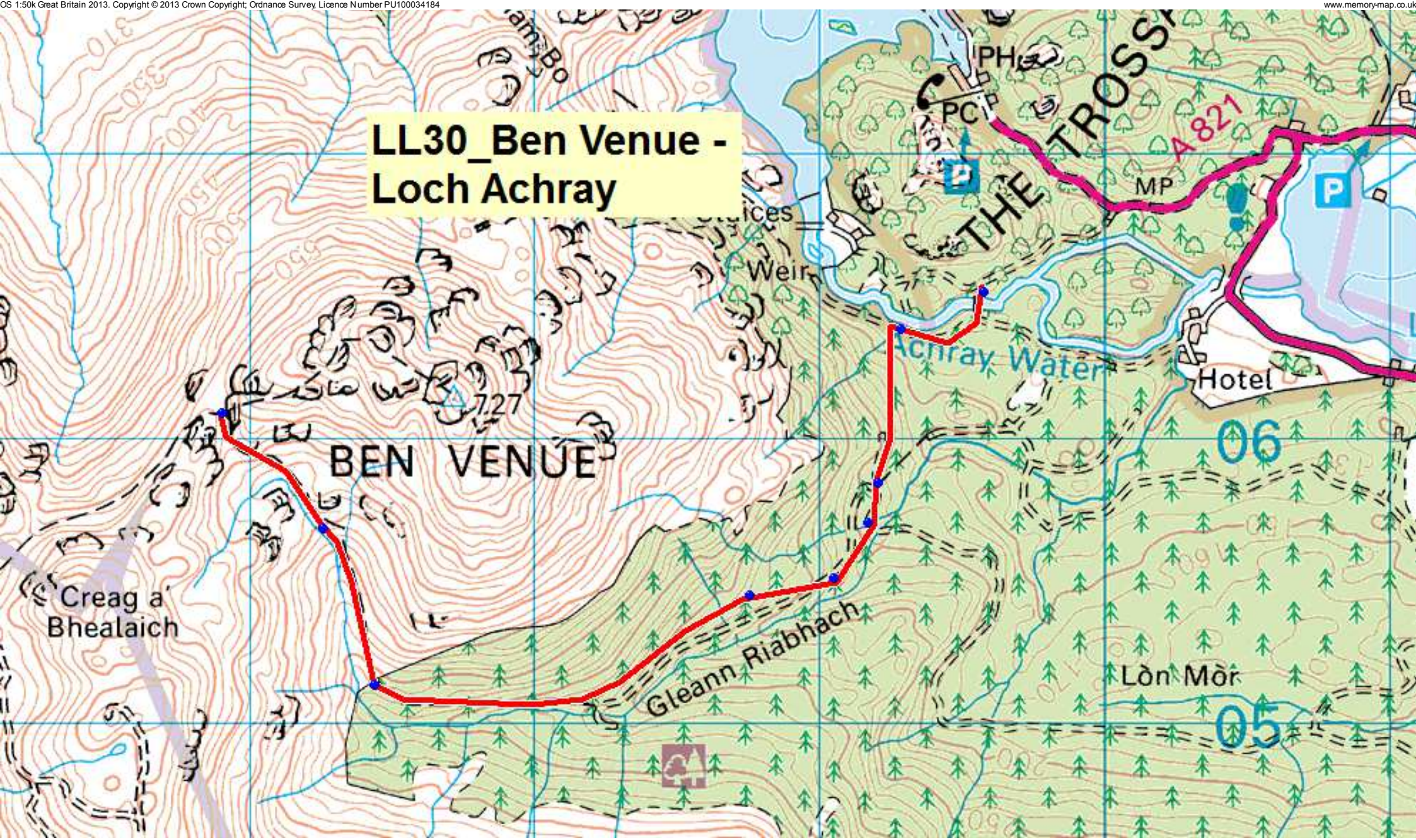
Section 5



Section 6



LL30_Ben Venue - Loch Achray



BEN VENUE

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Cairngorms Outdoor Access Trust

Weather Very wet
Date 19th September 2013
Audit No LL30
Path Name Ben Venue -Loch Achray
Surveyor Donald Mackenzie
Start NN4958106513
End NN4690906087

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	1137	NN4958106513	Agg.	Start	1/0	1.50	1.50	0	9/3	5	5	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.	1137	Cul		3	Bridge

Description

From start to cairn at forestry road. Machine built path with good surface and drainage. No work required

2	247	NN4917605702	Agg.	Cairn	1/0	1.50	1.8	0	8/4	4	4	4	4	4	5	1	0
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Built Features

XD		3	Pitching		0	SD		Revet	
WB		3	Agg.	247		

Description

After crossing forestry road route is back onto a machine built path. No work required.

3	336	NN4905405506	Agg.	Cairn	1/0	1.30	1.3	0	8/12	4	4	4	4	4	5	0	0
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Built Features

XD		1	Pitching			SD		Revet	
WB			Agg.	336		

Description

Path again crosses a forestry road and continues on a machine built path. No work required.

4	1493	NN4875905447	Agg.	Path widens	1/0	1.5	1.5	0	7/16	4	4	4	4	4	5	1	0
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Built Features

XD			Ford		17	SD		Revet	
WB			Agg.	1493			Pc	

Description

Machine built path continues up to top forestry fence. Some maintenance required to re-direct surface water near top of section

5	675	NN4744305129	Veg	Fence	1/4	4.7	15.60	0.1	13/29	3	1	2	2	3	2	2	47,250
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XD			Ford			SD		Revet	
WB			Agg.				Pc	

From fencline to bedrock outcrop. After initial 15m of boardwalk. Pathline very wet and spreading. Required a full hand built path.

6	683	NN4726605683	Veg/Rock	Bedrock	1/2	3.00	14.00	0.1	8/4	3	1	2	3	4	3	2	47,810
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XD			Ford			SD		Revet	
WB			Agg.				Pc	

From bedrock outcrop up to cairn on ridge at junction with LL31. Some very wet areas leading to braiding and path spread. Full build required.

Total	4571														3	6	95,060
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Built Features

XD		4	ford		17	SD		Revet	
WB		3	Agg.	3213		cul		3	Bridge

Description

The first four sections up to the top of the forestry fence are in good condition with only minor maintenance work required. Sections 5 & 6 require a robust hand built path.

Path Number: LL31	Path Name: Ben Venue -Loch Ard	Distance: 5.110km	Location: NN4596702500 to NN4772306139
Landowner: t.b.c	Designations: NP, NSA		Land Management Priorities: Sporting/stewardship
Use: Alternative southern approach to Ben Venue from Loch Ard by the Ledard burn			
Previous Path Management: No evidence of any previous path management			
Path Management Constraints: <ul style="list-style-type: none"> Machine access will be an issue. 			
Path Condition: <ul style="list-style-type: none"> The first couple of sections in the wood are well drained and in fairly good condition Above the tree line the path is very wet leading to braiding 			
Recommendations: <ul style="list-style-type: none"> Section 2 – Additional drainage features Section 3, 4 & 5 – Full build required. Section 7 – ‘light touch’ work 			
Maintenance: Once built the path will need on-going maintenance			

Section 1.



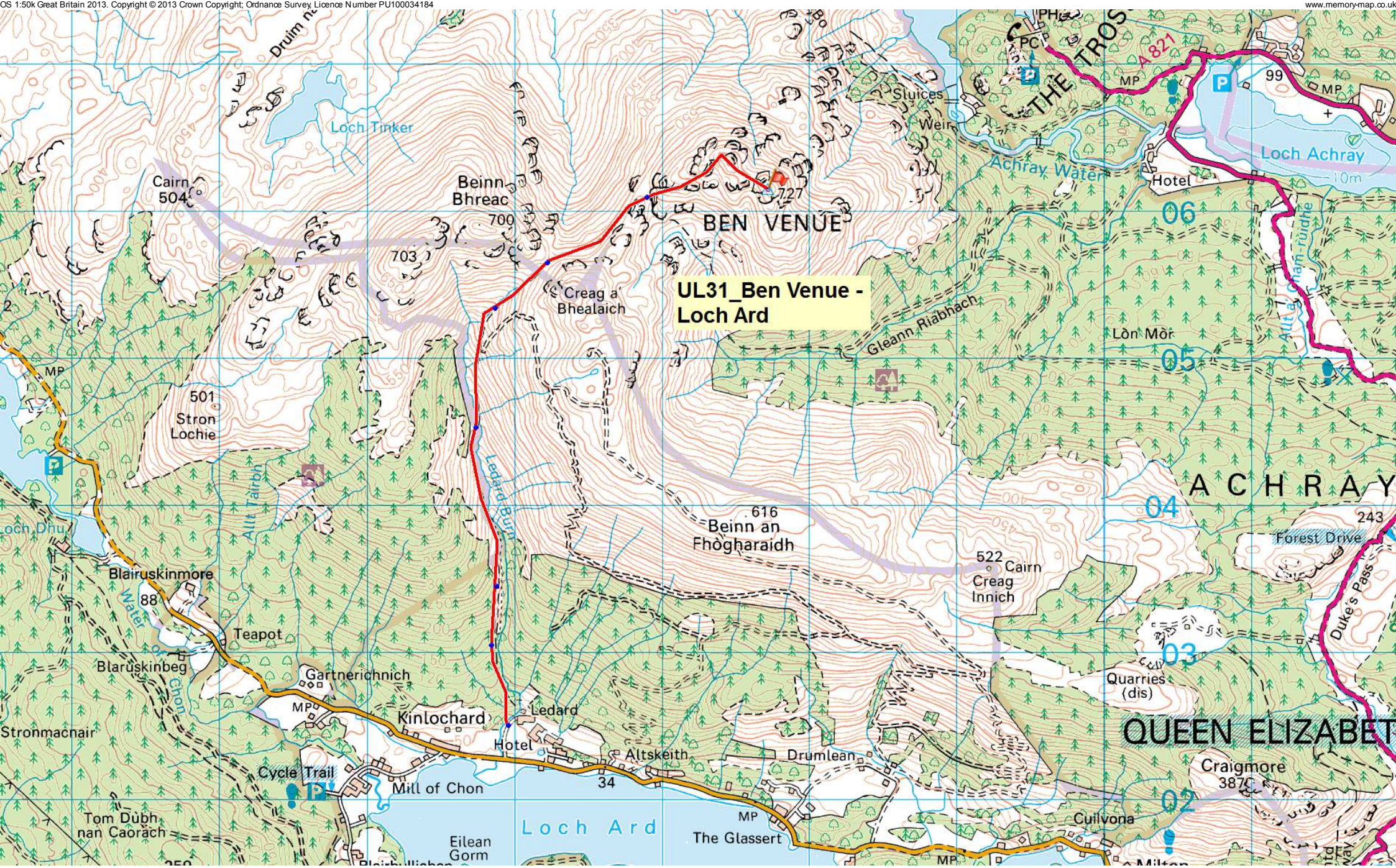
Section 4



Section 5



Section 6



**UL31_Ben Venue -
Loch Ard**

BEN VENUE

ACHRAY

QUEEN ELIZABET

Cairn 504

Beinn Bhreac 700

727

501
Stron Lochie

Creag a Bheataich

616
Beinn an Fhògharaidh

522
Cairn
Creag
Innich

Blairuskinmore

Teapot

Gartnerichnich

Kinlochard

Ledard

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Tom Dùh
nan Caorach

Eilean
Gorm

Loch Ard

The Glassert

Cuilvona

Loch Achray

Hotel

Lòn Mòr

Forest Drive

Duke's Pass

THE TROS

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Cairngorms Outdoor Access Trust

Weather Very Wet
Date 19th September 2013
Audit No LL31
Path Name Ben Venue - Loch Ard
Surveyor Donald Mackenzie
Start NN4596702500
End NN4772306139

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	599	NN4596702500	Agg/veg	start	1/0	0.40	1.20	0	7/4	4	4	4	4	5	5	1	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Boardwa	45	Bridge	1

Description

From start up to first gate. Well contained path through trees. No work required

2	329	NN4584803047	Agg/veg	Gate	1/0	0.50	1.1	0.1	8/29	4	3	4	4	4	4	1	3,290
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

From gate up to path junction. Well contained but a lot of surface water. Some waterbars would help

3	1158	NN4588503449	Agg/veg	Junction	1/1	0.80	2.2	0	6/24	3	2	3	3	4	3	1	69,480
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		

Description

Route continues from junction in path out of tree line and ends at a burn crossing. Very wet in places. Full build required

4	907	NN4574504527	Veg/Agg	burn	1/2	0.5	3.5	0.3	10/7	3	1	3	3	3	3	2	54,420
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.			Pc	

Description

Section between burns. Very poor drainage leading to braiding. Requires a robust hand built path

5	491	NN4587705335	Agg/veg	Cairn/Burn	1/3	1.5	4.50	0.3	8/17	3	1	3	3	3	3	1	29,460
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XD		Pitching		SD		Revet	
WB		Agg.			Pc	

Again a very wet section close to the burn up to a stile. May need to be re-routed to avoid being flooded when the burn is in spate

6	886	NN4622905645	Agg	Stile	1/0	0.40	0.50	0.1	13/41	4	4	4	4	4	4	0	0
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XD		Pitching		SD		Revet	
WB		Agg.			Pc	

From the stile up to the cairn on the ridge which marks the junction with LL30. On dryer ground and well contained by the cross slope. No work needed

7	740	NN4690606091	Agg/rock	Junction	1/1	0.70	3.20	0.2	14/3	3	3	4	4	4	4	1	14,800
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XD		Pitching		SD		Revet	
WB		Agg.			Pc	

A mix of bedrock crags and wetter flushes to reach the summit. Some 'light touch' work could help drainage and containment

Cairngorms Outdoor Access Trust

Total	5110														3	7	171,450
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Boardwa	45	Bridge	1

Description

This route to Ben Venue follows the Ledard burn for most of the way. It is very wet in places. No previous work has been undertaken

Path Number: LL 32	Path Name: Braeval to Loch Venachar	Distance: 8.025Km	Location: NN5924905561 to NN5416800679
Landowner: FCS/???	Designations: SSSI, NSA, SAC	Land Management Priorities: Forestry/Agriculture	

Use:

This is the second stage of the Rob Roy Way from Aberfoyle to Callander, winding gently through the forests of the Trossachs beneath the Menteith Hills. Very popular and well used all year round. Mid route area is utilized for sheep grazing. Particular evidence of growing cycle use.

Previous Path Management:

Mixture of forestry road, as dug path and moorland. Particular deterioration where path has evolved through plantations. Mid section over moor no management.

Path Management Constraints:

- A high specification path would greatly improve the route through the plantation areas and reduce path spread and erosion.
- There is a general absence of block stone to build features with along the length of this route.

Path Condition:

- Forestry road sections robust and well maintained
- Sections through plantations muddy but generally holding together however with water ingress from plantation furrows could deteriorate quickly.
- Mid section rough but in keeping with location.

Recommendations:

- Sections 2,3,6,7,8 would benefit from intensive repair/build. Recommend machine use.
- Sections 4,5. Light touch, consolidation and drainage works along route would be beneficial (SSSI area)

Maintenance:

Once repaired the path will require maintenance, with drains to be cleared, path surface occasionally topped up, and continuity of light touch and pre-emptive work as and when needed.



As dug path section 8



Section 6 through plantation



Path line widening through section 2



Mid section 4/5 light braiding



IRAY FOREST

ELIZABETH FOREST PARK

MENTEITH HILLS

Cairngorms Outdoor Access Trust

Weather Dry, Cloudy, Light Wind
Date 10 Sept. 2013
Audit No LL32
Path Name Braeval to Loch Venachar
Surveyor G.Paxton-White
Start NN5924905561
End NN5416800679

Section	Length	Grid Ref	Surface Type	Features	Paths/Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Roughness	Drainage	Erosion	Condition	Dynamism	Priority	Maint (md/py)	Capital Cost
1	2830	NN5924905561	Type 1 Road	Forestry Gate	1/0	6.00	8.00	0	3/5	5	5	5	5	5	5	0	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		.....

Description

Forestry road from gate to path junction at lochan. Sign markers for the Rob Roy Way along route.

2	799	NN5721204143	Ex Agg & Veg	Signpost	1/3	0.50	2.00	0.2	1/1	4	3	3	3	3	3		
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		

Description

Well worn trod through plantation. Reasonably robust overall but with water seepage from plantation furrows in places. Where water is showing evidence of wide route diversion converging back onto general trod. Many roots visible along entire length.

3	231	NN5681103549	Ex Agg & Veg	stone in path	1/2	0.50	2.00	0	6/0	3	3	4	4	3	3		11550
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Path drops down small incline to gate. Exposed aggregates and bedrock showing through interspersed with grasses. Some large cobble on path line. Overall fairly robust however will deteriorate quickly on exposed aggregate areas. Section ends at plantation boundary.

4	550	NN5670903378	Veg	Gate	1/2	0.60	2.5	0	1/1	4	4	4	4	4	4		27,500
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Grassy moorland path across grazing ground. Well consolidated and showing little wear despite tramp width. Occasional bedrock slabs showing through. Section ends at burn.

Cairngorms Outdoor Access Trust

5	519	NN5640002983	Veg	Burn	1/2	0.60	2	0	1/1	4	4	4	4	4	4		25,950
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Grassy moorland path across grazing ground. Well consolidated and mostly showing little wear despite tramp width. Occasional slight braiding and bedrock slabs showing through. Section ends at gate entering forestry plantation.

6	515	NN5598402581	Ex Agg & Veg	Gate	1/2	1.00	3	0	1/1	2	2	3	2	3	2		25,750
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Very wet grass and soil/aggregate trod through plantation. Deteriorating rapidly becoming very soft/slippery underfoot with little gradient for water run off. Very wide. Section improves at end 30m where meets small burn crossing.

7	395	NN5563702239	Ex Agg & Veg	Burn	1/2	1.00	2.5	0	1/1	2	2	2	3	3	3		19,750
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Trod through plantation worn to aggregate. Reasonably consolidated with some random bedrock showing in places. Tramp width contained by bracken growth both sides of route. Will deteriorate quickly in present condition. Section ends at small burn.

8	264	NN5539201958	Agg.	Small burn	1/1	0.50	1	0	1/1	2	3	3	3	4	3	3	
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Built Features

XD		Pitching		SD	235	Revett	
WB		Agg.		Pipe C.		

Description

Rough but robust as dug path to forestry road. No stone features. Would suit light touch consolidation works to maintain condition. Section ends at new vehicle gate and stile.

9	1202	NN5531301720	Type 1 road	Gate	1/0	6.00	8.00	0	8/5	5	5	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		Pipe C.		

Description

Forestry road from gate to path junction above car park at Braeval. Sign markers for the Rob Roy Way along route.

Cairngorms Outdoor Access Trust

10a	479	NN5447200969	Agg.	with road	1/0	0.50	0.5	0	6/18	3	4	4	4	4	4	3	
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Built Features

XD		Pitching		SD	350	Revet	
WB		Agg.		Pipe C.	2	

Description

Robust as dug path leading from/to Braeval car park. No stone features but in reasonably good condition. Would benefit from additional water and anchor bars. Section ends at car park.

10b	241	NN5413300812	Agg.	with road	1/0	0.50	0.5	0	12/18	3	4	3	3	3	3	3	
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Built Features

XD		Pitching		SD	220	Revet	
WB		Agg.		Pipe C.	3	

Description

Robust but quite steep as dug path leading from/to Braeval car park. No stone features but in reasonably good condition. Would benefit from additional water and anchor bars to contain aggregates. Section ends at car park.

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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Total	8025														4	9.0	110500.00
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Built Features

XD	0	Pitching	0	SD	805	Revet	0
WB	0	Agg.	0	Culvert	5	Bridge	0

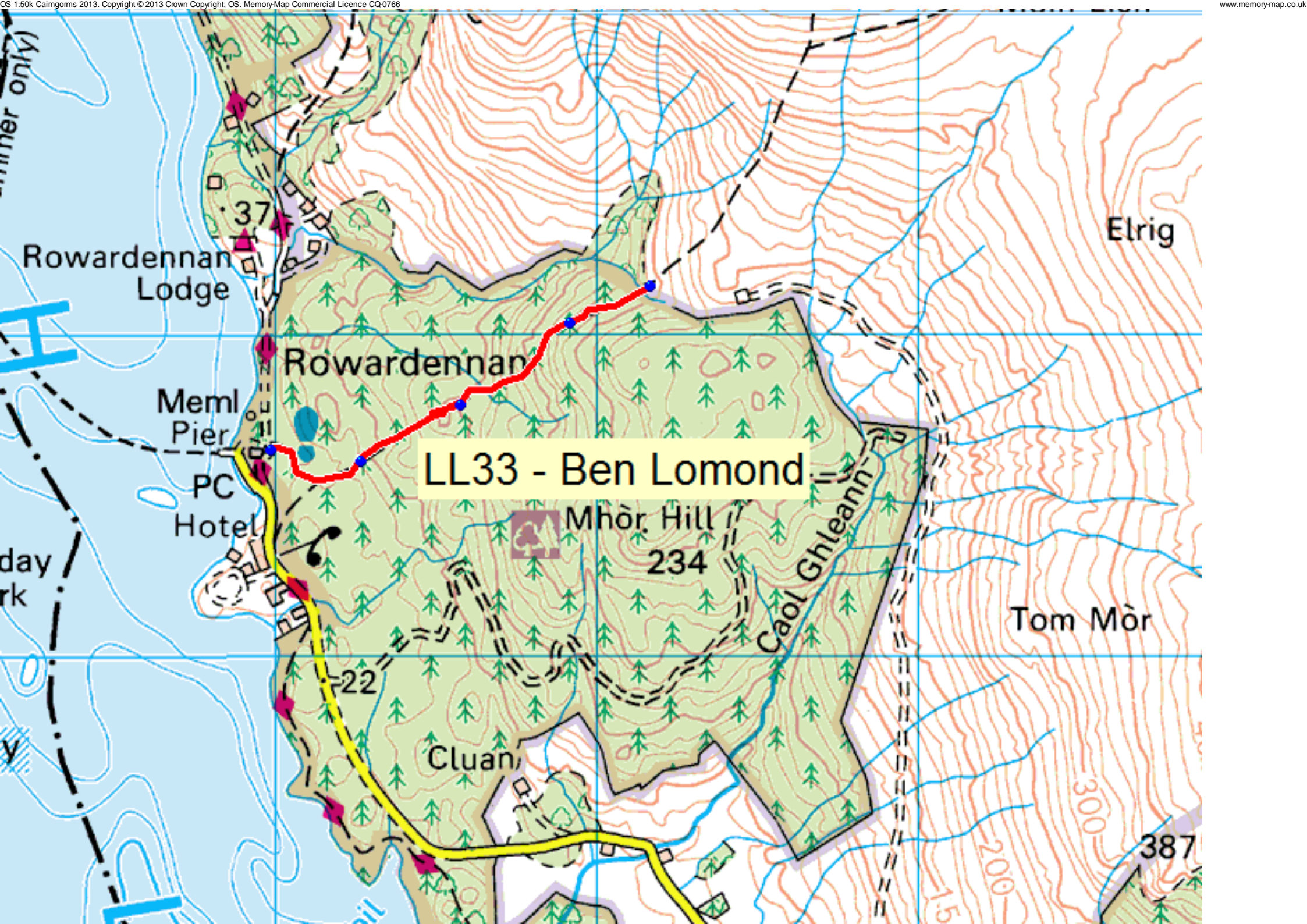
Description

Sections either end through plantations would require extensive high and dry solution with culvert drainage. Middle section through grazing land again raised path but not as damaged. Would lend itself to machine build. Middle section heavily grazed by sheep.

Path Number: LL33	Path Name: Ben Lomond	Distance: 1,634m	Location: Start: NS 35990 98635 End: NS 37172 99123
Landowner: FCS	Designations:		Land Management Priorities: Forestry/Recreation
Use: Ever popular mountain path with an incredibly wide spectrum of users. Ben Lomond offers a hill walking experience 'on the doorstep' of Greater Glasgow, and is frequently used as a first (and sometimes last!) attempt at a Munro for many. It is used by hillwalkers, ramblers, tourists, casual walkers and cyclists.			
Previous Path Management: <ul style="list-style-type: none"> - The path on NTS ground has been built extensively over a large number of years, is well managed and there was no requirement to survey it. - The path beneath the Gate has had a number of attempts at repair, including Manpower Services Commission work from the 1980s, Pathcraft work from the 1990s and more recently machine built path near the visitor centre. 			
Path Management Constraints: <ul style="list-style-type: none"> • The terrain would make machine access difficult in many locations, which is a pity 			
Path Condition: <ul style="list-style-type: none"> • The path is very badly damaged along its length, and curiously has never had effective lateral drainage installed. 			
Recommendations: <ul style="list-style-type: none"> • A full rebuild required, by machine where possible. • Raised path and side drains everywhere except for the bedrock 			
Maintenance: Regular maintenance and pre-emptive works will be required once work has been completed.			







Cairngorms Outdoor Access Trust

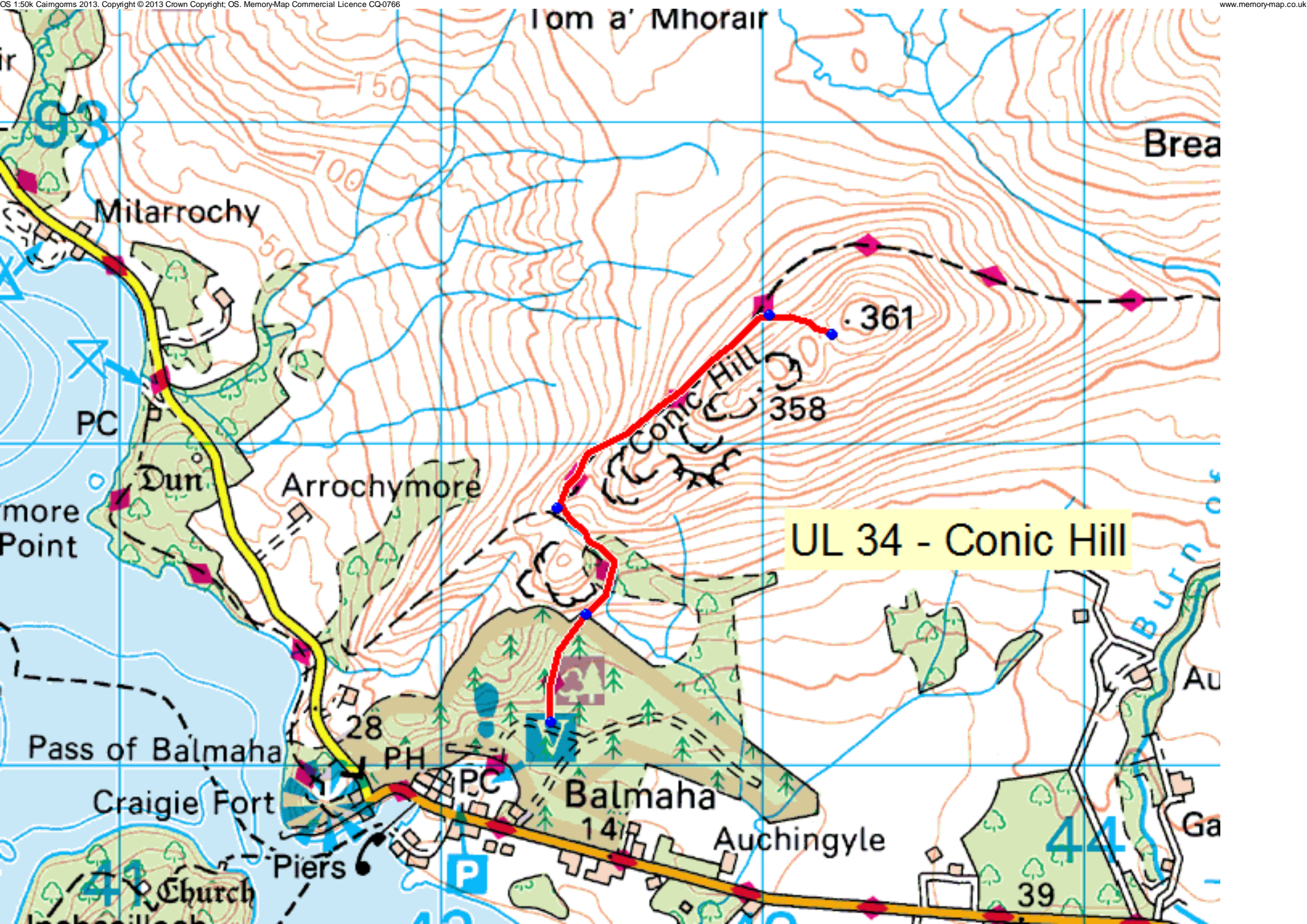
Weather Hot humid
 Date 21st July 2013
 Audit No LL33
 Path Name Ben Lomond
 Surveyor Dougie Baird
 Start NS 35990 98635
 End NS 37172 99123

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain- age	Erosion	Cond- ition	Dyna- mism	Priority	Maint (md/py)	Capital Cost	
1	343	NS 35990 98635	Agg.	Start	1/2	1.20	3.00	0.3	8/9	4	4	4	4	4	4	1	12,000	
Built Features									Description									
XD			Pitching		SD	140	Revet											
WB			Agg.	143	.....		Pc	3	Start has been machine built with imported and is in good condition. Rough and braiding to gate								
2	420	NS 36275 98585	Agg/rock	gate	2/2	2.00	6	0.4	14/16	2	2	3	3	2	2	2	25,000	
Built Features									Description									
XD			Pitching		SD		Revet											
WB			Agg.		.....		.....		2 distinct path lines with multiple braids on steep path ascending mixed bedrock peat and aggregate surfaces. Some old path work in evidence (all failed)								
3	521	NS 36670 98820	agg/bedrock	bridge	2/2	2.00	5	0.4	16/22	2	2	2	3	2	2	2	35,000	
Built Features									Description									
XD			Pitching		SD		Revet											
WB			Agg.		.....		.....		Rugged steep route going through bands of bedrock with eroded peat and aggregate between. Old path work has for the most part failed								
4	350	NS 36920 99030	agg/bedrock	bedrock	1/2	1.2	2	0.1	8/12	4	4	4	4	4	4	2	20,000	
Built Features									Description									
XD			Pitching		SD		Revet											
WB			Agg.		.....		Pc		Aggregate path holder together better than elsewhere but chronically short of effective drainage								
Total	1634														3	7	92,000	
Built Features									Description									
XD			37	Pitching	46	SD	688	Revet										
WB			52	Agg.	143	Other		Pc	3	Massively popular route on FC section of the Ben Lomond main path. In need of almost complete refurbishment, mostly handbuilt due to topography								

Path Number: LL34	Path Name: Conic Hill	Distance: 1,930m	Location: Start: NS 42341 91129 End: NS 43217 92334
Landowner: FCS	Designations: SSSI, NSA	Land Management Priorities: Recreation	
Use: Hugely popular route that is part of the West Highland Way. The spur leading off the Way to the summit of Conic Hill gives an excellent viewpoint over Loch Lomond, the Highland Boundary Fault and south over Strathclyde and Forth Valley.			
Previous Path Management: <ul style="list-style-type: none"> - The route up to the spur has been extensively constructed recently - There has seen no previous work carried on the spur to Conic Hill Summit 			
Path Management Constraints: <ul style="list-style-type: none"> • No machine access available • No construction stone available on site 			
Path Condition: <ul style="list-style-type: none"> • The path is badly gullied and likely to get a lot worse soon. 			
Recommendations: <ul style="list-style-type: none"> • A full rebuild required primarily using stone pitching. 			
Maintenance: Regular maintenance and pre-emptive works will be required once work has been completed.			







UL 34 - Conic Hill

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Path Number: LL 35	Path Name: Ben Lui and Beinn A Chleibh (A85)	Distance: 9.231Km	Location: NN2394227823 to NN2394227823 (loop)
Landowner: FCS/???	Designations: SSSI, NSA, SAC, NAC, NNR	Land Management Priorities:	
Use: Growing in popularity, a well used route from Glen Lochy to Ben Lui, enabling easy inclusion of neighbouring Beinn a'Chleibh.			
Previous Path Management: As dug path to river otherwise none. <i>See note below*</i>			
Path Management Constraints: <ul style="list-style-type: none"> • A high specification path would greatly improve the route through the plantation areas and reduce path spread and erosion. • Specific railway crossing at start is priority • *Evidence of possible monitoring by another interested party – number of spray paint markers noted on section 7 			
Path Condition: <ul style="list-style-type: none"> • Lower sections through plantation rough and muddy • Route on hill proper generally robust with cobble cover • End sections 11,12 little evidence of use 			
Recommendations: <ul style="list-style-type: none"> • Sections through plantation would benefit from intensive repair/build. Recommend machine use. • Light touch, consolidation and drainage works along route would be beneficial in maintaining path and surrounding habitat integrity. 			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared, path surface occasionally topped up, and a continuity of light touch and pre-emptive work further in.			
			

Cairngorms Outdoor Access Trust

Weather: Fair Date: ##### Audit No: LL35 Path Name: Ben Lui and Beinn A Chleibh (A85) Surveyor: G. Paxton-White Start: NN2394227823 End: NN2394227823

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough- ness	Drain- age	Erosion	Cond- ition	Dyna- mism	Priority	Maint (md/py)	Capital Cost
1	331	NN2394227823	Ex Agg and Veg	Car Park	1/0	0.50	0.5	0	0/0	4	3	4	4	4	4	0.5	0

Built Features

XD		Pitching		SD		Revet	
WB		Agg.	85	Pipe C	1	.....

Description

Hi & Dry as dug path 85m start to riverbank. Route follows river to ford river at 260m and cross railway at 280. No designated crossing at railway. Section ends at wooden fence at forest edge. Cond. Generally good with muddy patches.

2	1161	NN2392327587	Ex Agg and Veg	Forest edge	1/2	0.40	1.20	0.2	7/7	3	3	4	3	4	4	0.5	29,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C		

Description

Well defined route over boulders and aggregate between burn and forest edge. Very wet and muddy in places at 500m, 600m 683m, 730m which are being bypassed. Section end at forestry bridge.

3	384	NN2497827587	Type 1 Road	Bridge	1/0	6m	10.00	0	2/14	4	5	5	5	5	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route follows forest road SW ends at bridge.

4	735	NN2468727279	Ex Agg	Pipe culvert	1/1	0.40	0.7	0.3	16/5	3	2	3	3	4	4	0.5	18,375
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.	1	

Description

Route leaves forest road and climbs steeply between burn and forest edge. Well defined line but frequently wet and muddy. Section ends at metal gate.

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5	1599	NN2493726630	Tramp Veg	Gate	1/0	0.00	0.4	0	17/5	4	4	5	5	5	5	0	95,940
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Built Features

XD		Pitching		SD		Rivet	
WB		Agg.		Pipe C.		

Description

Route heads Eastwards following fence line 188m. Climbs steeply up hillside on faint trampled line. Obvious route becomes intermittent with altitude. Section end at start of rocky ridge.

6	675	NN2627926707	Ex Agg	Ridge	1/0	0.50	0.6	0.05	20/0	3	4	4	4	4	4	0.5	6,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route climbs steeply over series of rocky humps on robust well def line. Path coming steeper at rocky scramble at 274 & 415m. Would benefit from waterbars and cobble clearance. Section end and summit cairn.

7	342	NN2660126310	Ex Agg	Junction	1/0	0.60	2	0.2	25/5	3	4	3	3	3	3	3	6,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route descend steeply through scree and boulder field on well defined zigzags. Mobile surface but holding well. Damage zone contained to 2m. Benefit from A/Bars & W/Bars.

8	929	NN2642326153	Ex Agg	Grad Change	1/0	0.60	0.8	0.2	20/5	3	3	4	4	3	4	3	6,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Well defined route descends to saddle in series of zigzags. Surface solid and stable but frequent cobble cover. Benefit from W/Bars and cobble clearance.

9	542	NN2569825894	Ex Agg	Saddle	1/2	0.80	1.5	0.2	16/5	3	3	4	4	4	4	0	6,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route climbs up from saddle up well defined line on cobble strewin path. Obvious gully and braiding at 185m. Route becoming narrower with altitude.

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10	639	NN2531525661	Ex Agg	Grad Change	1/1	0.60	1.5	0	5/0	4	4	4	4	4	4	0	6,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Obvious route on robust stony route. Some parallel braiding. Route becoming less obvious on summit plateau.

11	1102	NN2478525787	Veg Ex Rock	Cairn	0	0.00	0	0	27/5	0	0	0	0	0	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Treacherous decent on slippery grass/Rock from Stob Dubh to forest edge. **No Evidence of use!**

12	792	NN2418226687	Veg	Fence	0	0.00	0	0	5/15	0	0	0	0	0	5	0	0
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Pipe C.		

Description

Route follows fence line through wet vegetation, no visible evidence of use. Section ends at Metal gate NN2493726630

Total	9231									3	3	3	3	3	4	8.0	173315.00
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	85	Culvert	2	Bridge	0

Description

Generally robust route which would benefit from general drainage/water deflection and habitat management works. Greater concern is railway crossing, very popular as river bridge impassable in spate, could have dire consequences in future.

Appendix 1: Path Condition Surveys – Measures and Indices

Measures		
No. paths/no. braids	#/#	Number of path lines in use which are to be managed, followed by total/maximum number of other path lines apparent which are to be blocked off
Bare width range	m/m	Minimum width of bare unvegetated ground in section, followed by maximum width of bare ground in section
Trample width range	m/m	Minimum width of ground showing evidence of trampling, followed by maximum width of showing trampling and change of vegetation
Gully depth range	m/m	Minimum depth of gully below normal ground height to deepest point in path width, followed by maximum depth of gully anywhere on section
Long gradient/cross-fall	%	Average gradient along path section measured from start looking up path line using clinometer, followed by average cross-fall measured up drain or fall line using clinometers
Indices		
Roughness	1–5	Where 1 = very rough and uncomfortable surface requiring concentration, while 5 = ability to look at view while walking on path
Drainage	1–5	Where 1 = permanently saturated with water, or very high flows of water, and 5 = very well drained ground, or very low flows of water
Erosion	1–5	Where 1 = evidence of large amounts of movement of material on path line and 5 = no movement of material from path line. A retrospective assessment of damage
Dynamism	1–5	How rapidly the path can be expected to deteriorate, where 1 = path very likely to deteriorate rapidly, and 5 = a very stable path. The future rate at which material is likely to move
Condition	1–5	Where 1 = very severe damage and 5 = little evidence of damage. An overall estimate
Work priority	1–5	A combination of path condition and dynamism. Include high priority for pre-emptive work to prevent severe path damage. Where 1 = very high priority and work is recommended within the next year, and 5 = very low priority
Cost per metre Extra costs	£ per metre extra per metre	Average cost per metre based on priorities 1–5 from Red surveys. Information to be added – only indicate if path has obvious extra cost (e.g. helicopter costs)
Comment	(a) site:	Comment: (a) on path condition, site, available materials and features; (b) on types of work, style of construction and any adaptation of usual construction