



Scotland's National Parks - Upland Path Project

The Mountains and The People



South and East Cairngorms

Upland Path Audit 2013

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CONTENTS

Section Title

- | | |
|---|--|
| | About Cairngorms Outdoors Access Trust |
| 1 | Introduction |
| 2 | Background |
| 3 | Selecting Paths |
| 4 | Upland Path Survey Techniques |
| 5 | Upland Path Construction Techniques |
| 6 | Table of Survey Findings |
| 7 | Path Audit Map |
| 8 | Path Condition Surveys |
| 9 | Appendix A – Path Condition Surveys – Measurements and Indices |

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Editor – Dougie Baird



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 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 East and South Cairngorms Upland Path Audit is a culmination of two rounds of evidence gathering and 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. The first of these was carried out in March 2013 in a workshop at Spittal of Glenshee, and the 2nd at a workshop held in Perth on 2nd October 2013.

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’s Mountain Heritage project.

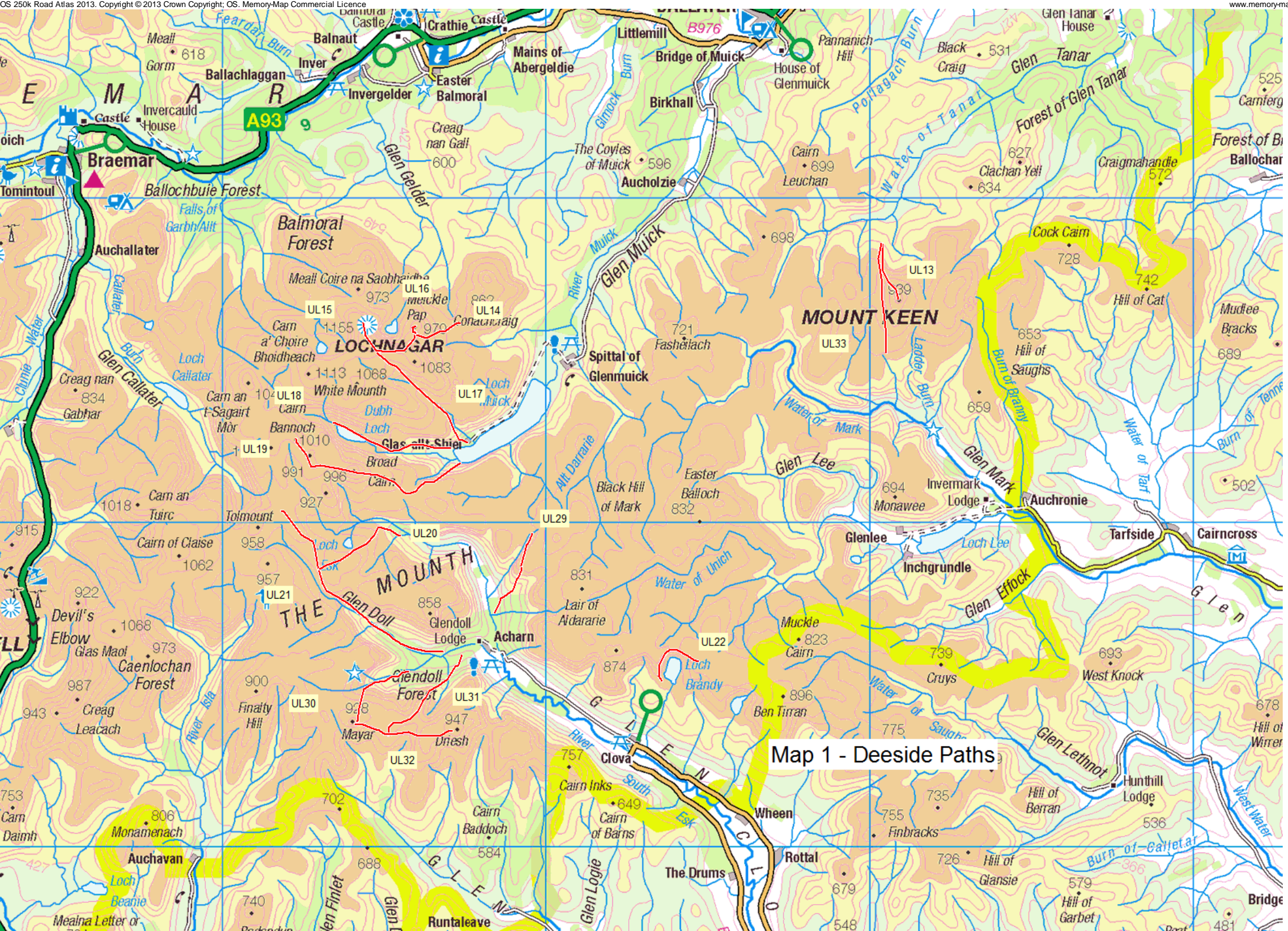
Whilst this management approach is by definition more difficult to specify, it does lend itself to a *process-led* construction method. This means that there will not be a universal technique, as site conditions and problem solving techniques will vary markedly from site to site. However, provided the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

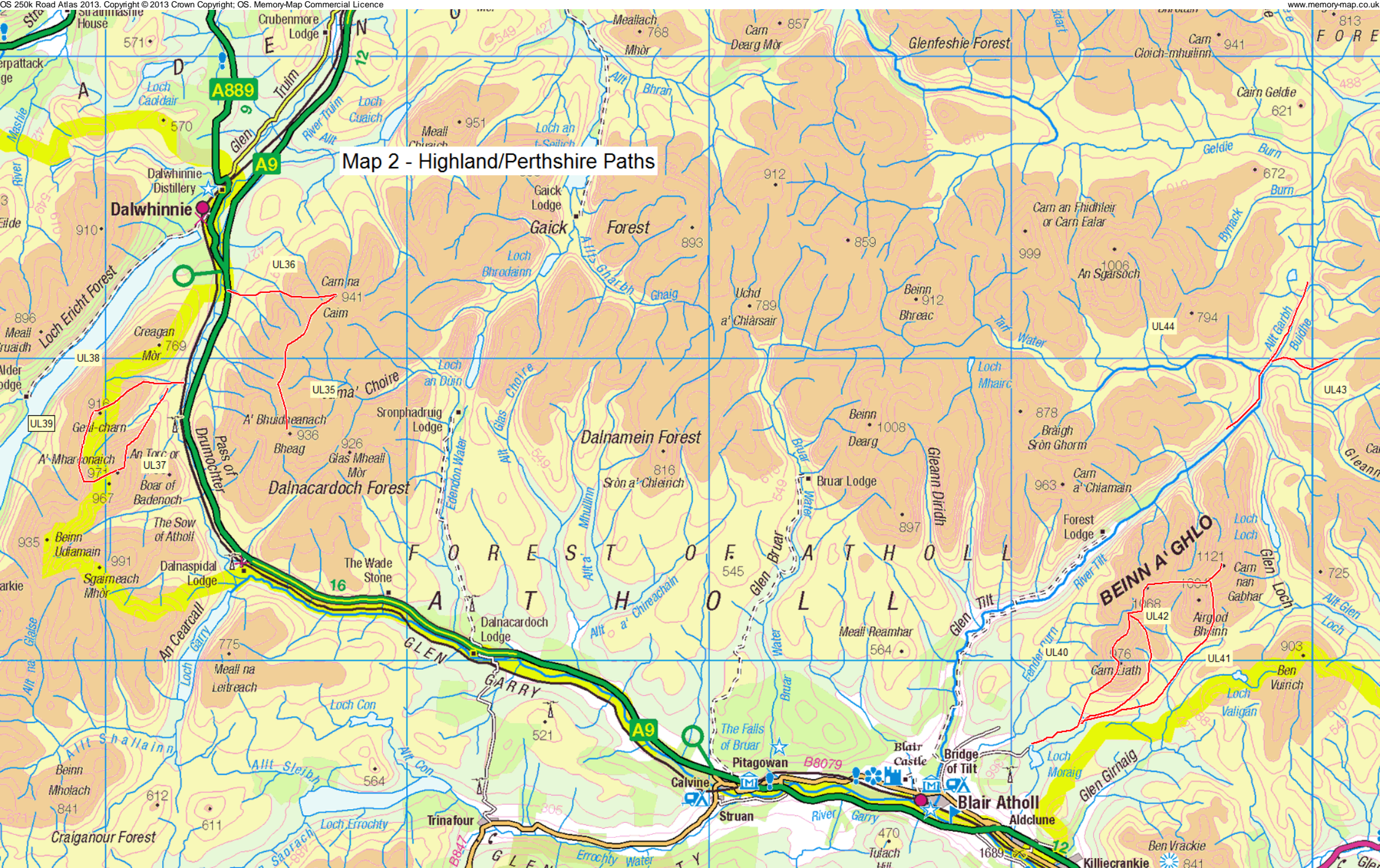
6. Key Findings

- 25 paths were surveyed totaling 102.595 km
- Total estimated cost of repair to these is £2,594,341
- 2 of these are given Priority 1 – Carn Liath (Beinn A’Ghlo) and Mount Keen (Glen Tanar)
- 5 paths were given Priority 2
- 11 paths were given Priority 3
- 5 paths were given Priority 4
- 2 paths were given Priority 5

Dougie Baird, October 2013



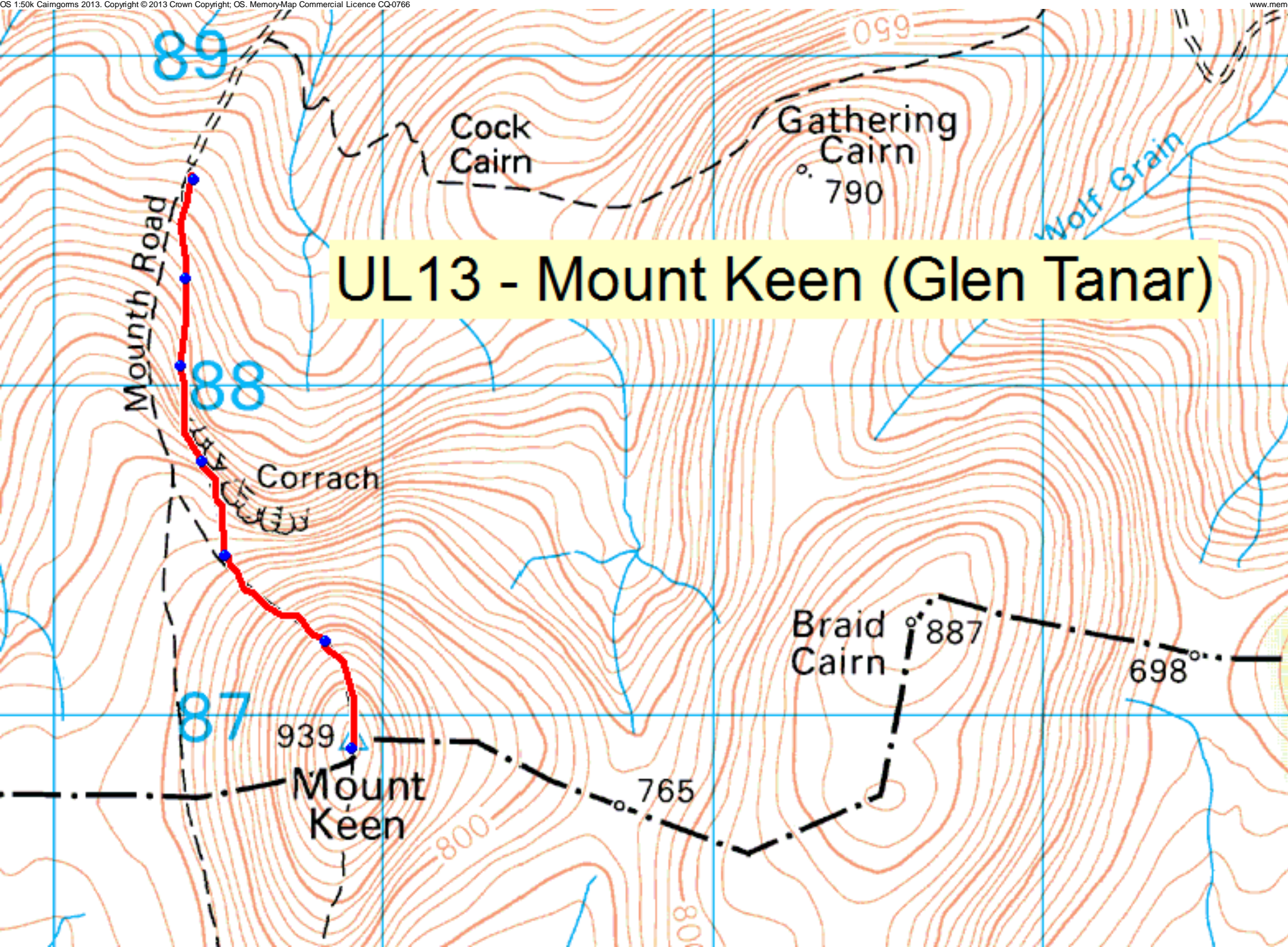
Map 1 - Deeside Paths



Map 2 - Highland/Perthshire Paths

Cairngorm Paths		Distance (m)	Comment	Priority	Cost	Maint (m/d)
UL 13	Mount Keen (West Path)	2,005	Massive erosion on all but top section. Potential to rationalise by sharing first section with Mounth Path	1	£205,000	8
UL 14	Lochnagar main path	2,494	Thin surface now badly exposed and needs re-built along entirety	3	£95,000	8
UL 15	Lochnagar plateau path	2,650	Light touch and alignment work required across full length of plateau	4	£68,260	11
UL 16	Meikle Pap	286	Light touch and anchor bar work to contain line	2	£10,000	3
UL 17	Glas Allt	4,470	Sections adjacent and beneath waterfall require full build	3	£93,000	12
UL 18	Dubh Loch	5,266	First section in good condition, the rest in need of full build	2	£222,850	12
UL 19	Corrie Chash & Broad Cairn	6,560	Broad erosion damage, machine build with hand build higher up	3	£95,456	12
UL 20	Glittering Skellies	2,731	Evolving line with heavy damage on lower 3rd requiring full build. Light touch higher up	3	£97,570	7
UL 21	Jocks Road	7,534	Forestry section low down needs full build with machine, top section hand build only	3	£117,890	11
UL 22	The Snub - Loch Brandy	2,170	Steep eroded path to the plateau above the loch. Full build hand build required	2	£66,880	8
UL 29	Capel Mount	2,553	Robust route in need of machine work only	4	£42,160	6
UL 30	Mayar	2,660	Lower route in good condition, heavy build and light touch required higher up	3	£49,700	6
UL 31	Dreish	3,991	Requires work across most of the length	3	£178,480	9
UL 32	Mayar-Dreish summit	3,260	Pre-emptive and light touch works across full length	3	£53,520	4
UL 33	Mount Keen (Mounth path)	3,450	Heavy erosion on first section, parallel to Mount Keen start. Possibility to rationalise? Machine build and lower priority higher up	3	£105,000	3
UL 35	Carn na Caim via Allt Coire Uilleim	3,025	Descent route from Carn na Caim. Intermittent line. No obvious erosion	5	£0	0

UL 36	A' Bhuidheanach Bheag and 'tops' via Carn na	5,795	<i>This route follows an established vehicle track for most of the way. Any work carried out should be on sections 1 and sections 5 - not critical</i>	5	£48,640	1
UL 37	A' Mharconaich from Balsporran Cottages	3,951	<i>This route follows the ridge from Balsporran cottages to the summit. No previous work. Machine techniques suitable for sections 1 -3.</i>	3	£77,765	3
UL 38	Geal-charn from Balsporran Cottages	3,681	<i>This route follows a well built estate ATV track. Section 3 is in poor condition due to peaty ground. ATV use will need to be taken into consideration when</i>	4	£28,580	1
UL 39	A' Mharconaich to Geal-charn	2,570	<i>Route between the two Munro summits. Section 1 would benefit from robust light touch techniques. Section 3 is more of priority requiring full</i>	4	£107,730	2
UL 40	Cairn Liath (Beinn A Ghlo)	11,637	<i>Very Badly damaged path on steep approach to Carn Liath. Other heavy damage on the ridge approaching 2nd Munro (remote). No materials!</i>	1	£298,000	13
UL 41	Airgoid Bheinn (Beinn A Ghlo)	7,590	<i>Return route becoming very badly damaged in weak peat. Mostly machine build and possibility to link with LL40 on last link back to track</i>	2	£136,000	6
UL 42	Return (Beinn A Ghlo)	3,796	<i>Carn Liath Return has 2 clear paths above the burn and 3 below it, which follow their own contours. Rationalisation into one heavy built path line required with feed in critical</i>	2	£127,000	8
UL 43	Fealar Lodge	2,570	<i>Section 2 is the most dynamic and in danger of further erosion. This would require intensive hand build.</i>	3	£25,000	2
UL 44	Allt Garbh Buidhe (upper glen tilt)	5,900	<i>Sections 2 -4 will require hand built techniques as machine access will not be possible. Lack of stone on section 4 will be a problem if work is carried out</i>	4	£244,860	6
TOTAL		102,595			£2,594,341	162



Cairngorms Outdoor Access Trust

Path Number: UL13	Path Name: Mount Keen (Glen Tanar)	Distance: 2.005km	Location: Start: NO 40426 88619 End: NO 40906 86849
Landowner: Glen Tanar Charitable Trust	Designations: SPA		Land Management Priorities: Sporting
Use: Heavily used and very popular path up to the most easterly of the munros, Mount Keen. Can be climbed from Glen Tanar or Glen Esk, both popular. Land use for shooting with butts nearby.			
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• Shortage of construction materials in places• Machine build possible and appropriate lower down, but most eroded sections are fragile, steep and would be better done by hand			
Path Condition: <ul style="list-style-type: none">• Path very badly eroded with massive spread and loss of vegetation.• Loss of material and spread makes it one of the most eroded paths in Scotland			
Recommendations: <ul style="list-style-type: none">• Requires full build path with extensive landscaping and careful alignment for all but the very top section approaching the summit• Scope to share initial section with the Mounth (Mount Keen) with careful alignment			
Maintenance: Once built the path will need relatively high maintenance with on-going pre-emptive repairs.			



**Upland Path Summary Sheet
UL13 – Mount Keen**



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO 40426 88619
Cold, high winds, sleet on top	2nd July 2013	UL 13	Mount Keen	Dougie Baird	End	NO 40906 86849

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	367	NO 40426 88619	Agg.	end track	2/4	4.50	18	0.5	12/17	1	1	1	1	1	1	2	25000

Built Features

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

Description

Section from end of vehicle track - two gullied paths to shoulder diverge with braids between. Machine + hand build path

2	287	NO 40401 88319	Agg.	Cairn	2/3	2.50	7.00	0.3	11/21	2	2	2	2	2	2	1	£20,000
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.		Abs		

Description

slope to cairn - erosion constant though section more rugged. Full build route required though less landscaping than section 1. Machine + hand build path

3	411	NO 40386 88053	Agg.	to shoulder	2/2	2.30	5.80	0.5	8/17	2	2	3	3	2	2	1	£50,000
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Built Features

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

Description

Section taverses to shoulder to short plateau, heavy damage at top. Full build required with heavy landscaping at top.

4	272	NO 40451 87764	Agg.	shoulder	1/2	4.00	6	0.5	4/9	2	1	1	1	1	1	1	£35,000
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Built Features

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

Description

Short heavily eroded flat section of path on top of shoulder. Friable material needs heavy but sensitive hand build path and landscaping

5	535	NO 40521 87479	Agg.	slope	2/5	12.00	20	0.6	21/28	1	1	1	1	1	1	3	£75,000
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Built Features

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

Description

Massive erosion on steep approach to summit. Spread wide and gulying in places despite presence of boulders. Heavy build, heavy landscaping - alignment crucial

6	133	NO 40827 87210	Agg.	burn x	1/0	1.30	1.30	0	8/11	2	5	4	5	5	5	0	0
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Built Features

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

Description

Approach to summit, rugged worn route on shattered boulders
No work required

TOTAL	2005														1	8	£205,000
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Built Features

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

Description

Massively eroded path from end of vehicle track requiring full build, massive landscaping and careful alignment for all but the very top section.

a Saobhaidhe

Coire na
Saobhaidhe

Coire na
Cìche

865

UL14 - Lochnagar (Main Path)

Beag
1155
(1156)

Lochnagar

Cac Carn Mòr
1150

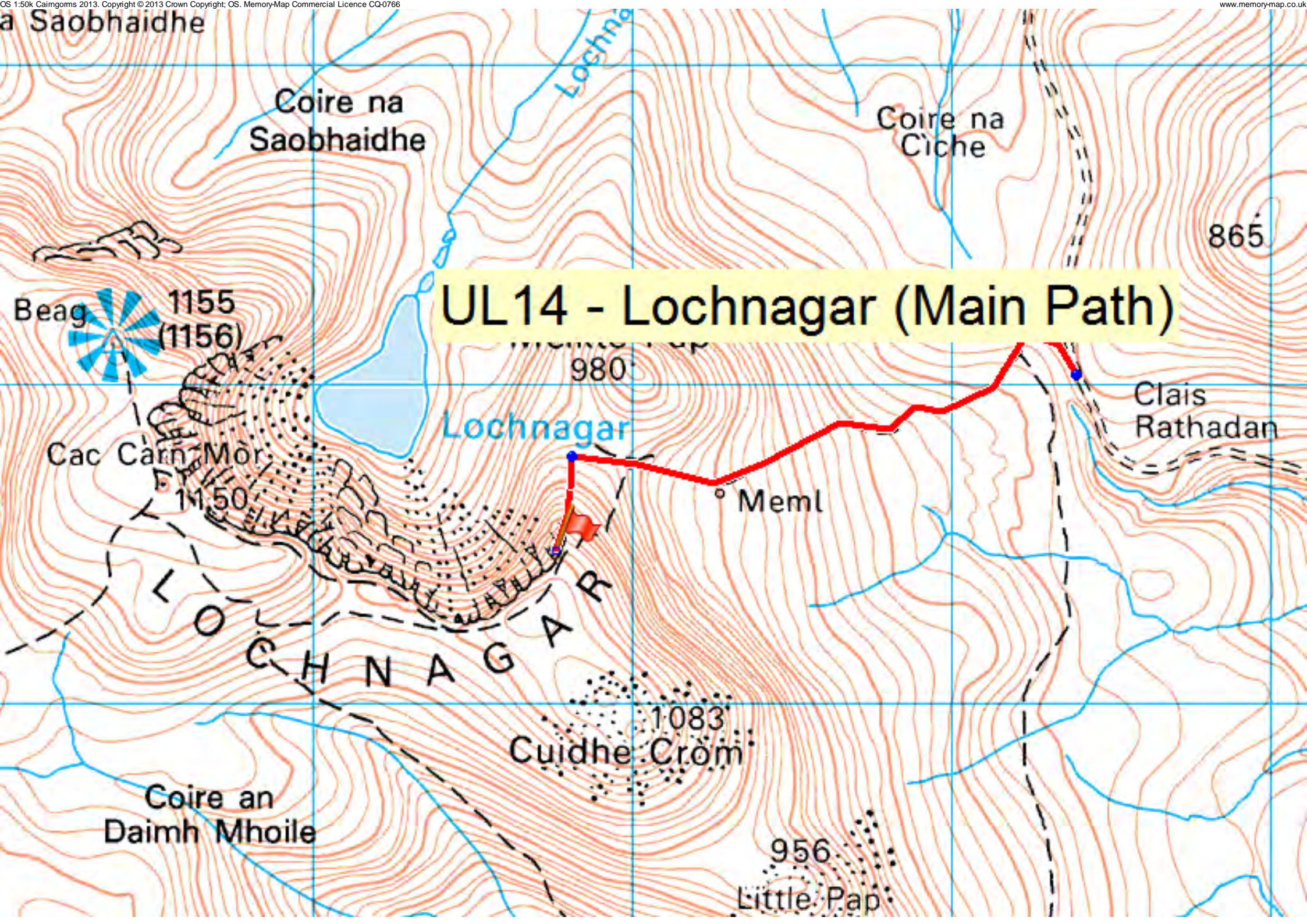
Meml





Clais
Rathadan

1083
Cuidhe Cròm

Coire an
Daimh Mhoile

956
Little Pap



Path Number: UL14	Path Name: Lochnagar Main Path	Distance: 2.494km	Location: NO 2739686025 to NO2576985477
Landowner: Balmoral Estate	Designations: NSA; top of section 2 - GCR		Land Management Priorities: Sporting/stewardship
Use: Heavily used path up popular and iconic munro.			
Previous Path Management: Some old UFMP works on section 1 including aggregate path, cross-drains and water bars and more recent work on section 2 with continuous pitching from below the saddle up to the plateau.			
Path Management Constraints: <ul style="list-style-type: none">Any pitching will need to be carefully done and contained to stop braiding.			
Path Condition: <ul style="list-style-type: none">Aggregate path in section 1 has lost fines and resulting rough path surface has led to braiding developing.Pitching section in excellent condition.			
Recommendations: <ul style="list-style-type: none">Section 1 needs resurfacing with some anchor bars and blocking work.			
Maintenance: Once repaired the path will require annual maintenance, with drains to be cleared and path surface occasionally topped up.			
Section 1 		Section 1 	
Section 1 		Section 1 	

Section 2



Section 2



Cairngorms Outdoor Access Trust

Weather Dry, sunny
Date 8th July 2013
Audit No UL14
Path Name Lochnagar main path
Surveyor Donald Mackenzie
Start NO2739686025
End NO2576985477

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	1862	NO2739686025	Agg.	Start of path	1/1	1.20	1.4	0	12/5	3	4	4	3	3	3	4	95,000

Built Features

XD	38	Pitching	164	SD	485	Revet	0
WB	51	Agg.	1738	Pipe C	0	.....

Description

Start of main Lochnagar path to saddle. Very solid footpath but path surface rough in places resulting in brading. Recommend resurface entire section with additional anchor bars

2	632	NO2610785722	Pitching	Start of pitch	1/0	1.20	1.20	0	25/20	5	5	5	5	5	5	4	0
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Built Features

XD	11	Pitching	632	SD	0	Revet	0
WB	3	Agg.	0	0	0

Description

Pitched section to Corrie rim. Excellent condition. Maintenance only.

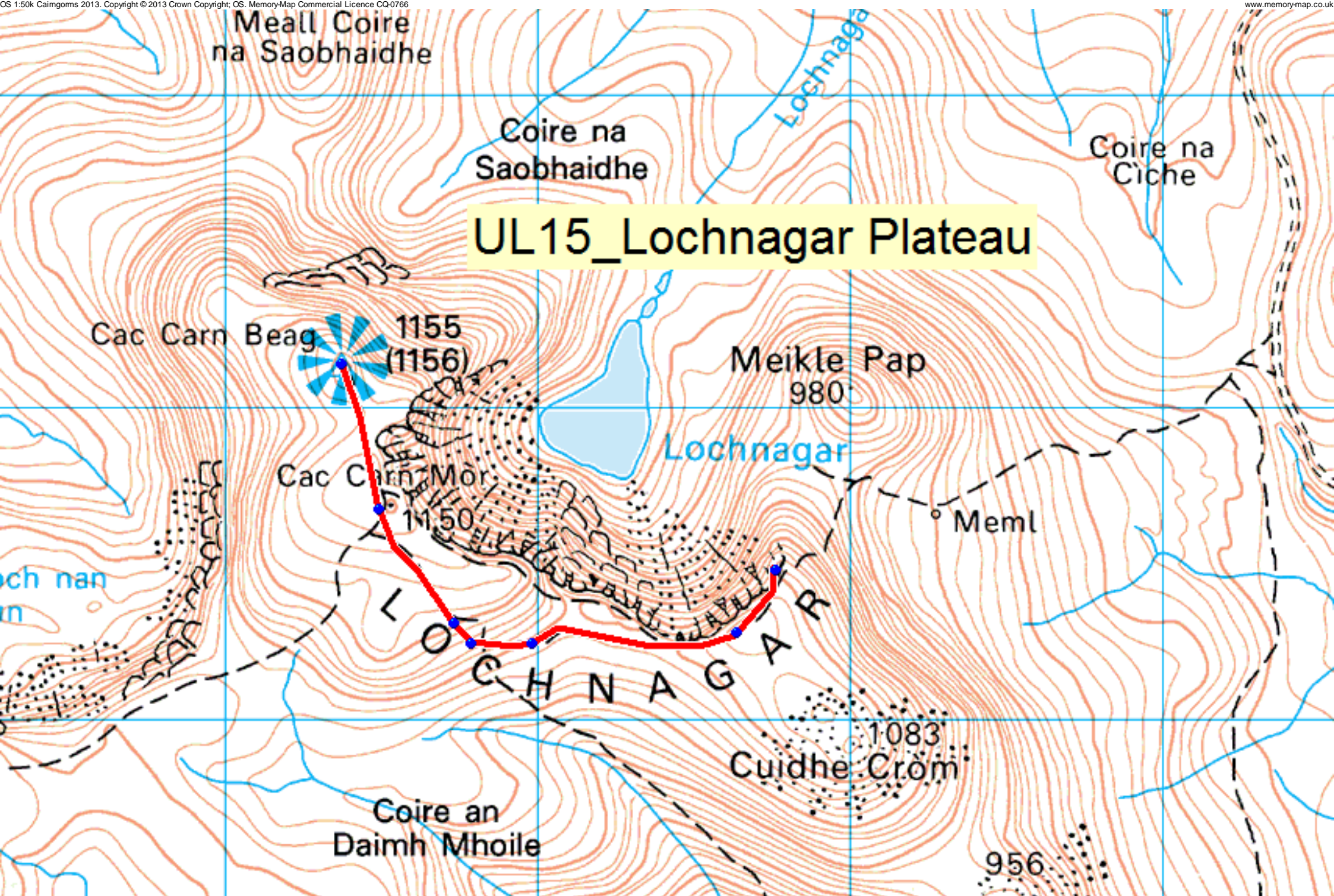
Total	2494	NO2267884548													3	8	95000
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Built Features



XD	49	Pitching	796	SD	485	Revet	0
WB	54	Agg.	1738	Other	0	Other	0

Description

Section 1 is very rough in places causing path spread. Entire section should be resurfaces with additional anchor bars in places and blocking of braids. Machine job possible



UL15_Lochnagar Plateau

Path Number: UL15	Path Name: Lochnagar Plateau Path	Distance: 2.306km	Location: NO2576985477 to NO2437986134
Landowner: Balmoral Estate	Designations: NSA; GCR; SPA		Land Management Priorities: Sporting/stewardship
Use: Heavily used path around corrie rim and plateau to iconic munro summit.			
Previous Path Management: There has been some experimental definition work on plateau.			
Path Management Constraints: <ul style="list-style-type: none">• Plateau route management techniques dictated by vegetation and topography. Soft surface prone to rilling where not protected.• Long walk in to plateau.			
Path Condition: <ul style="list-style-type: none">• Broad eroded route on plateau to summit.• Could re-route short section onto Glas Allt path.			
Recommendations: <ul style="list-style-type: none">• Definition and ‘light touch’ work on plateau may help reduce erosion spread.• Work will need to be experimental and surface fines very soft and prone to erosion.			
Maintenance: The plateau path will need a continuity of light touch and pre-emptive work.			
Section 1 		Section 3 – re-route to Glas Allt Path 	

Section 5



Section 6



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO2576985477
Dry, sunny	7th July 2013	UL15	Lochnagar plateau path	Donald Mackenzie	End	NO2437986134

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	260	NO2576985477	Agg.	End of pitch	1/1	4.00	7.00	0	9/3	3	4	4	3	4	3	2	7800

Built Features

XD		Pitching		SD		Revet	
WB		Agg.	260	.....		.....

Description

From top of pitching to cairn. Broad path spread through bouldery area. Needs line definition.

2	707	NO2564585275	Agg.	Cairn	1/2	2.00	8.5	0	11/6	3	4	3	3	3	3	1	21,210
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.	707	

Description

Plateau path. 'Light touch' work to define path line along with some waterbars and anchor bars.

3	191	NO2498785239	Agg.	I.A	1/1	2.20	12	0.1	6/7	3	4	3	3	3	3	2	5730
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.	191	

Description

From increase in angle to junction with Glass Allt path. 'Light touch' work to define path line. Re-route last 20m onto Glass Allt path to avoid pitching.

4	115	NO2473585306	Agg.	Junction	1/0	1	1	1	10/8	5	5	5	5	5	5	2	0
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Built Features

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

Description

Heavily built section from junction up to Cairn. No work required.

5	498	NO2473585306	Agg.	Cairn	1/1	6.5	8.00	0.1	5/8	3	4	3	3	3	3	3	19,920
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.	498			

Description

From cairn up to Cac Carn Mor very rocky with some gullying. Needs defining, containing and water bars using 'light touch' techniques.

6	535	NO24498 85671	Agg.	Cairn	1/0	4.30	7.00	0.3	2/0	3	3	3	3	3	3	1	21,400
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Built Features

XD		Pitching		SD		Revet	
WB		Agg.				

Description

eroded line between Cac Carn More and Cac Carn beag. Pathline spreading light touch' plateau techniques to deroughen and define line

Total	2306	NO2267884548													4	11	68,260
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Built Features

XD	1	Pitching	32	SD	78	Revet	0
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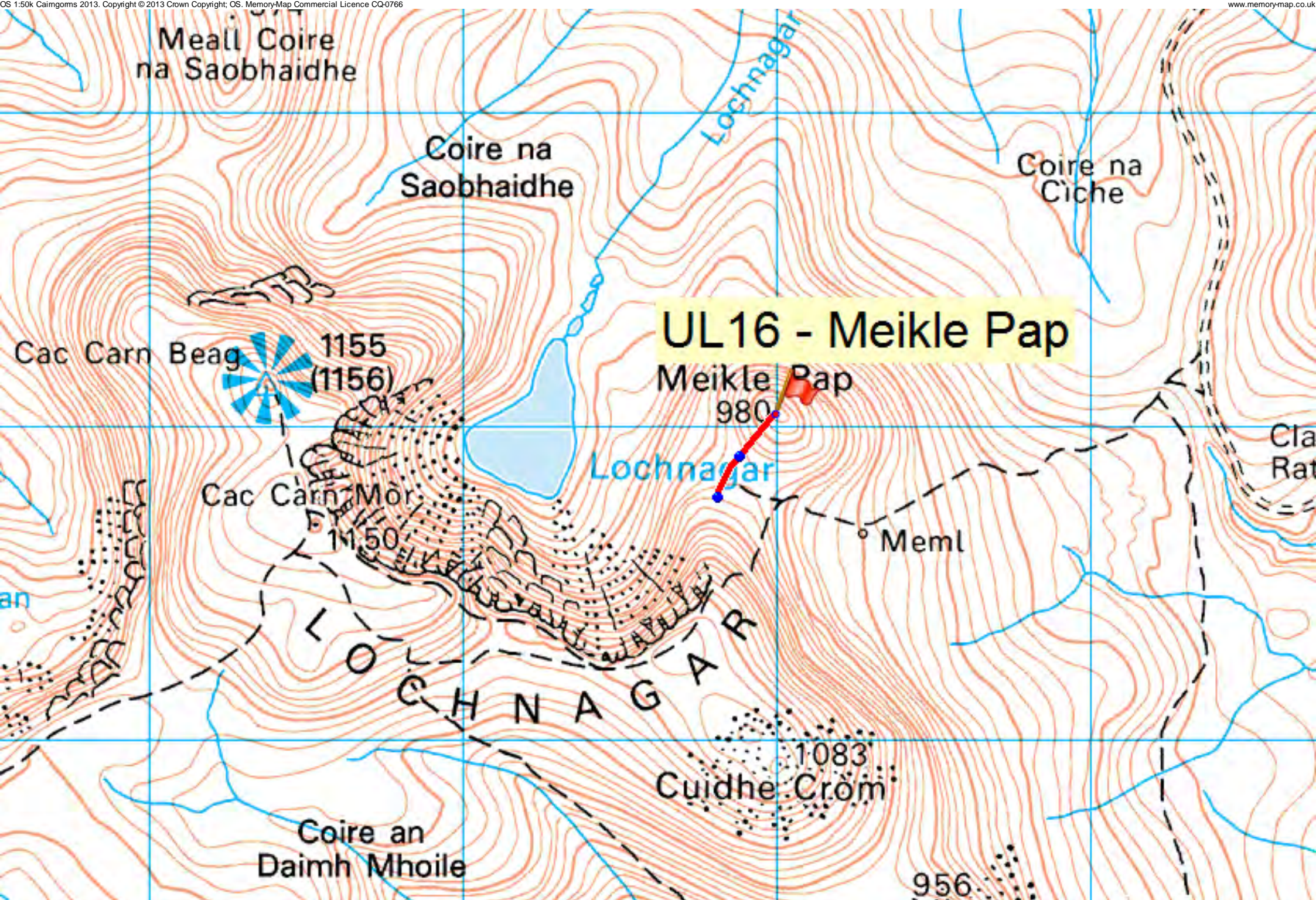
Description



Plateau path needs light touch approach with work focussing on alignment/consolidation

Cairngorms Outdoor Access Trust

WB	4	Agg.	1739	Other	0	ABS	7
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and some drainage. Concerns regarding erosion of soft surface from definition work - will need to be experimental.



Path Number: UL16	Path Name: Meikle Pap	Distance: 0.286km	Location: NO2581685773 to NO2600286037
Landowner: Balmoral Estate	Designations: GCR		Land Management Priorities: Sporting/stewardship
Use: Moderately used path to Corbett summit of Meikle Pap from saddle on main Lochnagar path.			
Previous Path Management: Evolved line with no previous path management.			
Path Management Constraints: <ul style="list-style-type: none">• None			
Path Condition: <ul style="list-style-type: none">• Slowly worsening route, very visible, with some loss of vegetation.			
Recommendations: <ul style="list-style-type: none">• Route across saddle not obvious but needs monitoring.• Climb to summit needs anchor bars and some water bars plus definition and landscaping using materials on site and ‘light touch’ techniques.			
Maintenance: Once repaired the path will require on-going ‘light touch’ and pre-emptive work.			
Section 1 		Steep section straight up face 	

Weather	Date	Audit No	Path Name	Surveyor	Start	NO2581685773
Dry/sunny	8th July 2013	UL16	Meikle Pap	Donald Mackenzie	End	NO2600286037

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	132	NO2581685773	veg/agg	From pitching	1/0	0.50	4.50	0	5/3	5	5	5	5	4	5	0	0

Built Features

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

Description

Evolved line to increaced angle. No work required.

2	154	NO25888 85900	veg/agg	I.A	1/0	1.80	5.00	0	22/0	2	2	2	3	3	2	3	10,000
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Built Features

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

Description

No built path up Meikle Pap. Scar very visible. Steep route would need defining and some wbs and anchor bars using local materials with 'light touch' approach.

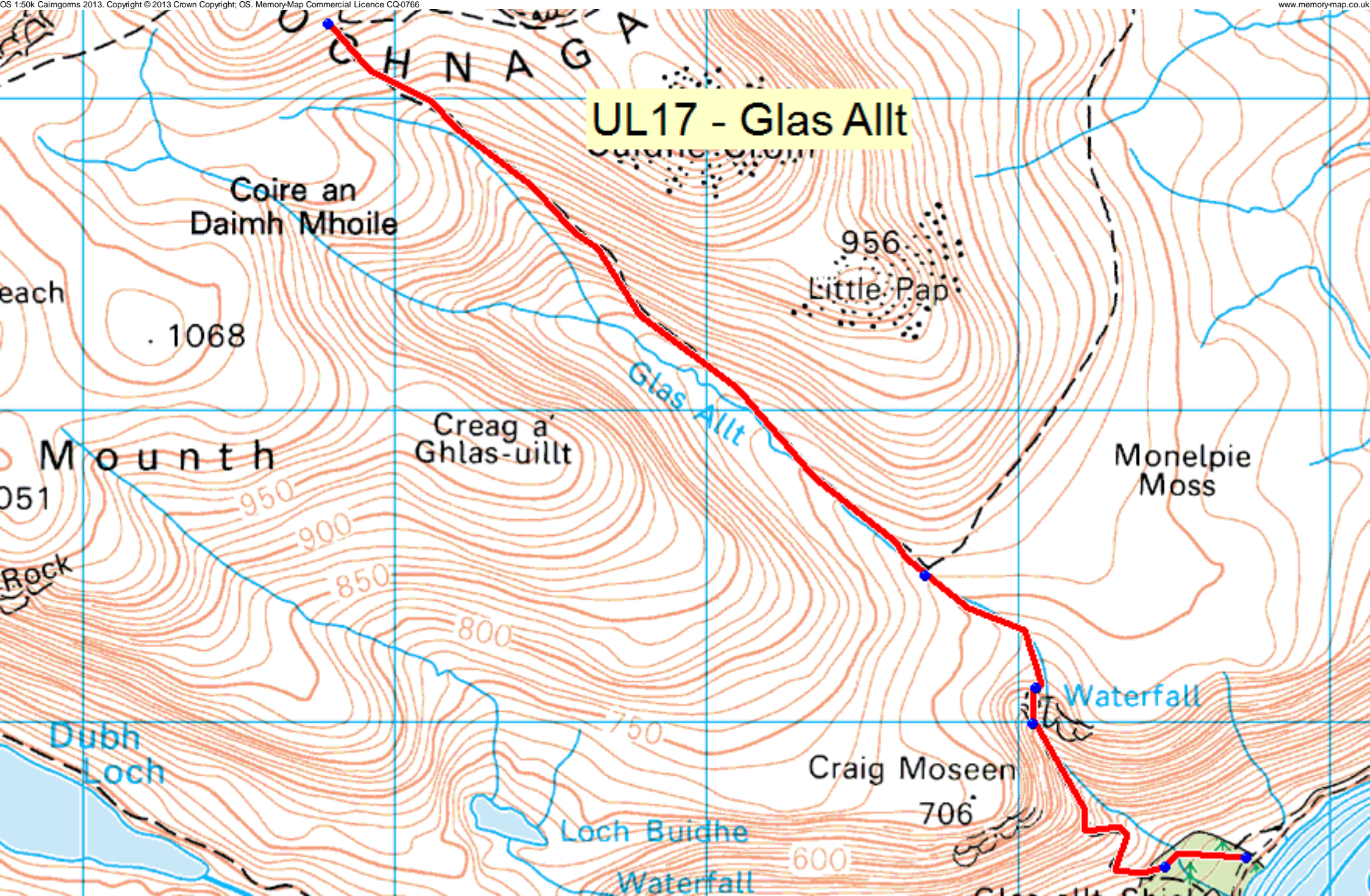
Total	286														2	3	10,000
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Built Features

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

Description

No built path up Meikle Pap. Scar very visible. Steep route would need defining and some wbs and anchor bars using local materials with 'light touch' approach.



Path Number: UL17	Path Name: Glas Allt	Distance: 4.470km	Location: NO2774082560 to NO2479385237
Landowner: Balmoral Estate	Designations: GCR & SPA - top of section 2		Land Management Priorities: Sporting/stewardship
Use: Heavily used, popular alternative route up to Lochnagar from Lock Muick.			
Previous Path Management: Sections 2-4 were built with water bars, cross-drains, pitching and surfacing c. 15-20yrs ago but now very worn. Section 5 received full build machine work recently.			
Path Management Constraints: <ul style="list-style-type: none">Steep and narrow working conditions at waterfall			
Path Condition: <ul style="list-style-type: none">Lower sections are now badly eroded with loss of surfacing, some brading and many water bars now ineffective.Section 6 in good condition although some hard core starting to show.			
Recommendations: <ul style="list-style-type: none">Sections 2-4 need substantial repairs/rebuilding with additional anchor bars, hard core and surfacing.			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared and path surface occasionally topped up.			
Section 2 		Section 3 	

Section 4



Section 5



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO2774082560
Dry, cloudy	7th July 2013	UL17	Glas Allt	Donald Mackenzie	End	NO2479385237

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	254	NO2774082560	Agg.	start	1/0	1.70	1.7	0	9/25	4	4	5	4	4	5	1	0

Built Features

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

Description

Path through woods. Well drained due to tree roots. No work required.

2	697	NO2747882533	Agg.	Wall	1/0	0.60	1.10	0.2	18/30	3	3	3	3	3	4	2	50,000
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Built Features

XD	11	Pitching	28	SD		Revet	
WB	41	Agg.	672	ABS	32	

Description

From wall up to increase in angle before waterfall. Path well contained by cross slope. Some rough sections need work with additional waterbars and cross drains.

3	219	NO2705382993	Agg.	I.A	1/0	0.60	1.10	0.1	14/35	3	4	4	4	4	4	2	25,000
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Built Features

XD	1	Pitching	13	SD	10	Revet	
WB	13	Agg.	206	ABS	14	

Description

Rough section up side of waterfall. Needs anchorbars, Waterbars and pathline de-roughened

4	549	NO2706483105	Agg.	Large WB	1/1	1.30	1.7	0.2	12/9	4	4	4	4	4	4	2	18,000
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Built Features

XD	18	Pitching	13	SD	324	Revet	
WB	13	Agg.	536	ABS	12	Cul 1	

Description

From large Waterbar up to bridge. The path is generally in good condition with only 300m needing de-roughened, resurfaced and braid blocked.

5	2751	NO2671083464	Agg.	Bridge	1/0	1.20	1.2	0	20/15	5	5	5	5	5	5	5	0
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Built Features

XD	105	Pitching	342	SD	2140	Revet	
WB	28	Agg.	2409	Culvert	0	Bridge	1

Description

High build path from bridge onto plateau. No work required

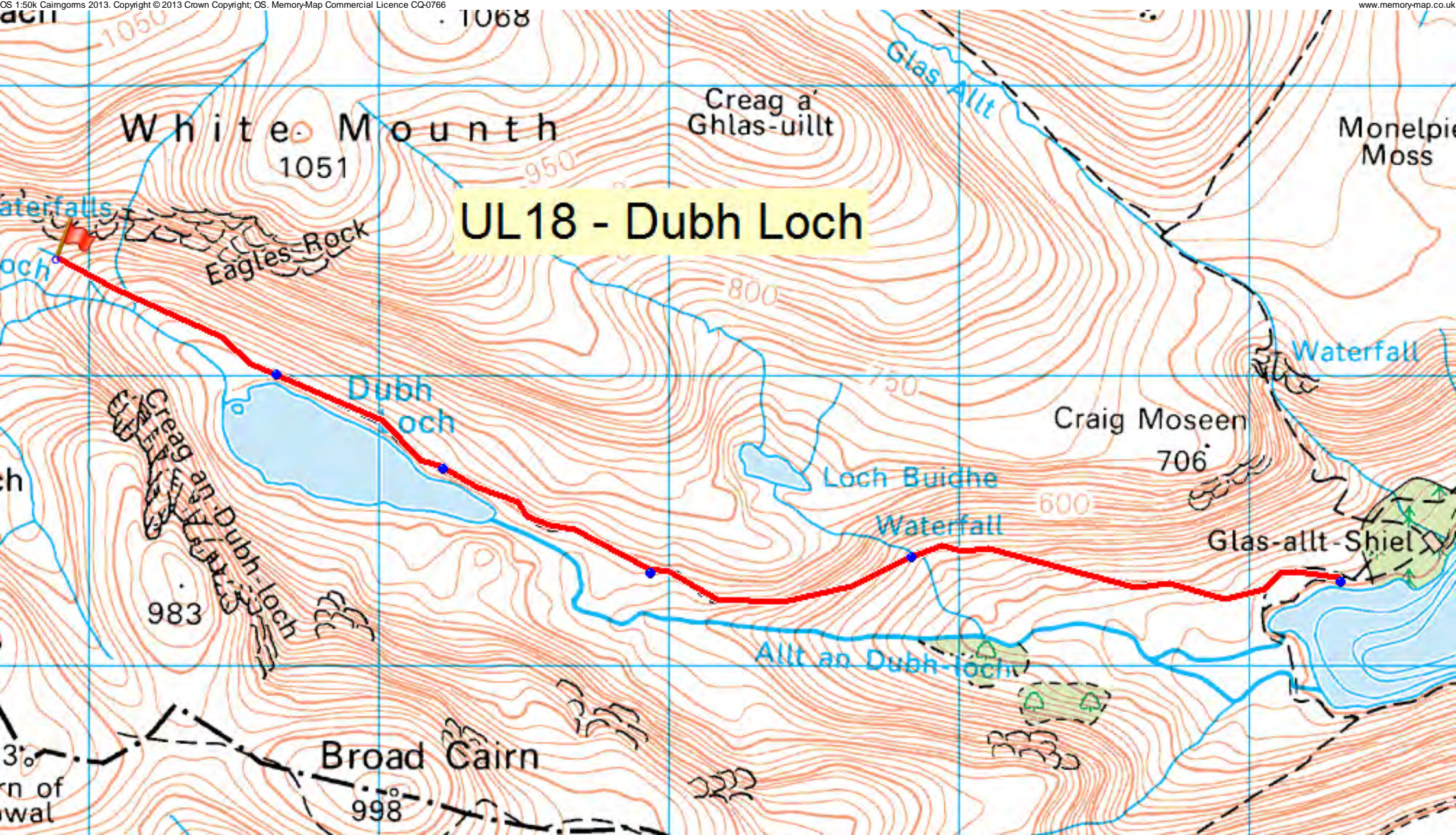
Total	4470														3	12	93000
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Built Features

XD	135	Pitching	396	SD	2474	Revet	0
WB	95	Agg.	3823	Culvert	59	Bridge	2

Description

Middle sections would benefit with some work to deroughen the pathline and add waterbars and anchor bars.



Path Number: UL18	Path Name: Dubh Loch	Distance: 5.266km	Location: NO 2732282284 to NO2289183398
Landowner: Balmoral	Designations:		Land Management Priorities: Sporting/stewardship
Use: Moderately used path up to scenic loch.			
Previous Path Management: The first section of the path up to the burn crossing by the waterfall is full construction. The Balmoral rangers currently carry out maintenance work further up mainly shedding water from the path.			
Path Management Constraints: <ul style="list-style-type: none">• Shortage of block stone on upper sections.			
Path Condition: <ul style="list-style-type: none">• Section 1 is in good condition.• The rest of the path needs drainage especially on several vwey wet sections where path spread is a problem			
Recommendations: <ul style="list-style-type: none">• Section 1 – Maintenance only• Section 2 – full build• Section 3 – light touch works• Section 4 & 5 full build			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared, path surface occasionally topped up, and continuing light touch and pre-emptive work.			
Section 2 		Section 3 	

Section 4



Section 5



Cairngorms Outdoor Access Trust

Weather overcast,showery	Date 27th June 2013	Audit No UL18	Path Name Dubh Loch	Surveyor Donald Mackenzie	Start End	NO2732282284 NO2289183398
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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	1569	NO2732282284	Agg.	Junction	1/0	0.80	1.2	0.2	10/28	4	4	4	4	4	4	2	0

Built Features

XD	21	Pitching	0	SD	344	Revett	0
WB	29	Agg.	1569	Cul	11	.....

Description

Well constructed path from junction with Loch Muick path to burn crossing. Maintenance only

2	1284	NO2584582371	Agg.	Burn	1/0	0.80	1.40	0.2	12/30	4	2	2	3	3	2	2	77,040
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Built Features

XD	1	Pitching		SD	25	Revett	
WB	1	Agg.		

Description

From Waterfall to large boulders. Evolved line, erosion being slowed down as rangers are digging lets to let water off. Full build required

3	845	NO2494182318	Agg/peat	IA	1/1	0.60	1.40	0.2	5/21	4	3	4	4	4	2	2	16,900
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Built Features

XD	1	Pitching		SD		Revett	
WB		Agg.		Culvert		

Description

From an increase in gradient at large rocks to burn crossing. Evolved line in good condition. Needs some light touch work to prevent braiding and path spread and improve drainage

4	653	NO2422682675	Agg.	Burn	1/2	2.40	7	0.1	5/17	4	2	2	2	2	2	2	55,710
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		

Description

Path deteriorating and in need of full build with side ditch, water bars and surfacing. Absence of block stone for most of section.

5	915	NO2365183000	Agg/veg	Boulderfield	1/1	0.70	1.2	0.1	14/10	3	2	3	3	3	3	4	73,200
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Built Features

XD		Pitching		SD		Revett	
WB		Agg.		

Description

Evolved line continues up corrie to the right hand side of the burn. Poor condition. Full build required.

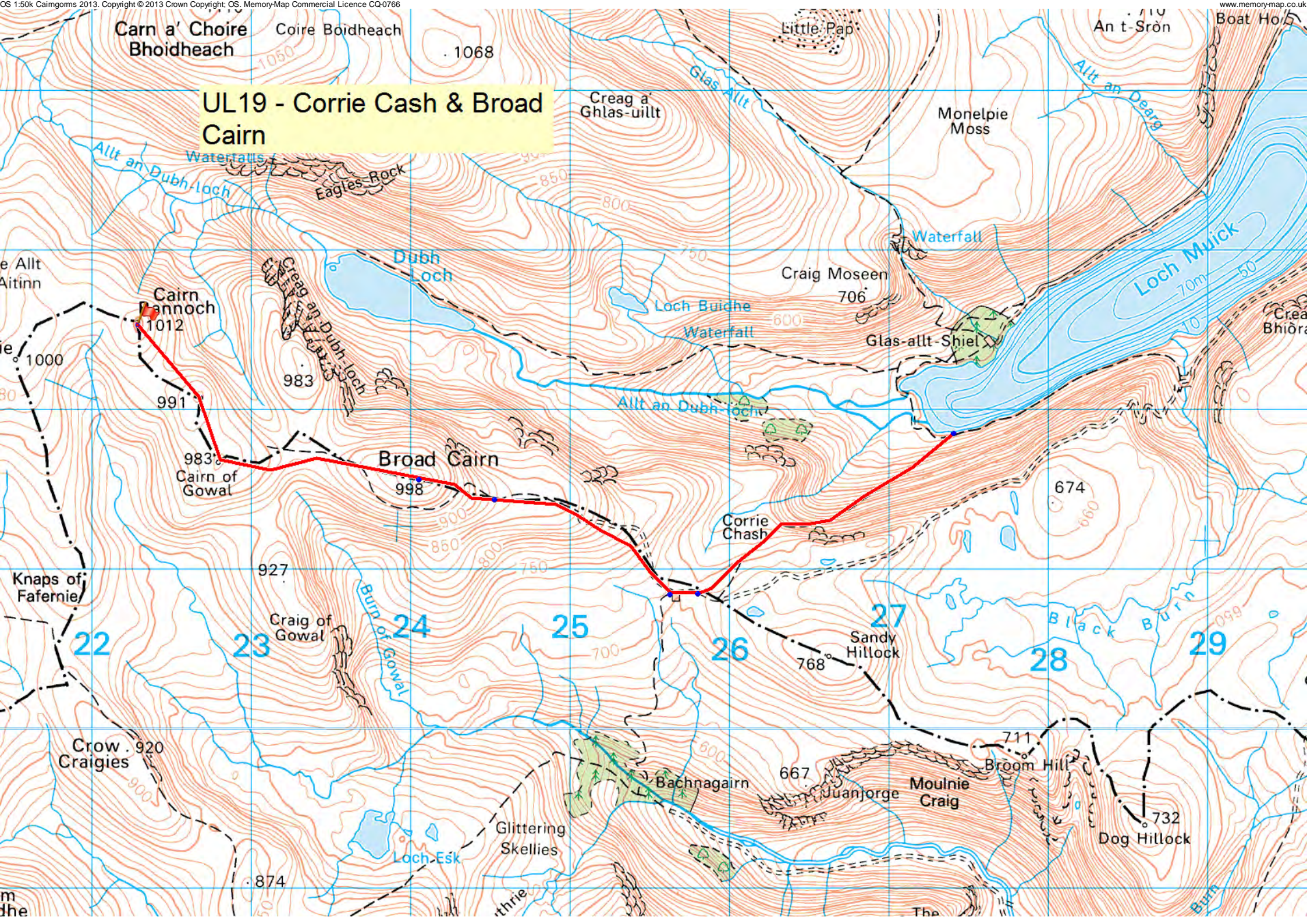
Total	5266	NO2363383000													2	12	222850
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Built Features

XD	23	Pitching	0	SD	369	Revett	0
WB	30	Agg.	1569	Culvert	11		

Description

The first section is well constructed and requires maintenance only. The path from the burn crossing at the waterfall needs major work.



Path Number: UL19	Path Name: Broad Cairn	Distance: 6.419km	Location: NO 2741181845 to NO 2229282524
Landowner: Balmoral Estate	Designations: Section 5 - SPA		Land Management Priorities: Sporting/stewardship
Use: Moderately used path up to munro summits of Broad Cairn and Cairn Bannoch from Loch Muick.			
Previous Path Management: The first 2kms has been fully built in the last few years. This path then joins a vehicle track on the plateau. Balmoral rangers carry out path maintenance on built section.			
Path Management Constraints: <ul style="list-style-type: none">End of route is quite remote. Would need 4wd access up track or possibly remote living system.			
Path Condition: <ul style="list-style-type: none">Built path from Loch Muick in excellent condition.Route on plateau is very rough with wide erosion scar to Broad Cairn.Route from Broad Cairn to Cairn Bannoch is low priority.			
Recommendations: <ul style="list-style-type: none">Section 3 requires a full machine build.Section 4 will need to be hand built.			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared, path surface occasionally topped up, and continuity of light touch and pre-emptive work further in.			
Section 1 		Section 3 	



Section 4



Section 4



Section 5



Section 5



Weather	Date	Audit No	Path Name	Surveyor	Start	NO2741181845
overcast/showers	27th June 2013	UL19	Corrie Chash & Broad Cairn	Donald Mackenzie	End	NO2229282524

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	1961	NO2741181845	Agg.	Junction	1/0	1.20	1.40	0	12/30	5	5	5	5	4	5	4	0

Built Features

XD	21	Pitching	92	SD	472	Revet	16
WB	75	Agg.	1869	Culvert	21	Abs	42

Description

Well constructed path from Loch Muick to the top of Corrie. No capital works required.

2	181	NO2580980841	Agg.	Veh. Track	1/0	1.90	1.90	0	0/0	5	5	5	5	5	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	181	Cul	1	0

Description

Short section along vehicle track.

3	1443	NO2563380838	Agg.	Hut	1/4	4.00	15.00	0.3	12/5	2	2	2	2	2	2	4	36,075
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Built Features

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

Description

Evolved line from vehicle track to shoulder of Broad Cairn. Path is badly eroded with 15m trample width in places and evidence of gullying. Recommend full machine build.

4	621	NO2453381429	Rocky	Boulderfield	1/2	5.20	5.20	0	10/10	2	3	3	2	3	3	4	37260
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Built Features

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

Description

Path to summit of Broad Cairn crosses bands of boulders. Route definition needed. Hand built works

5	2213	NO2405781556	Agg.	Broad Cairn	1/2	1.50	2.80	0.2	10/5	3	3	4	3	3	4	0	22,130
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Built Features

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

Description

Summit path from Broad Cairn to Cairn Bannoch. 3 narrow trample lines with some standing water. Long walk in. May benefit from light touch works to prevent braids spreading.

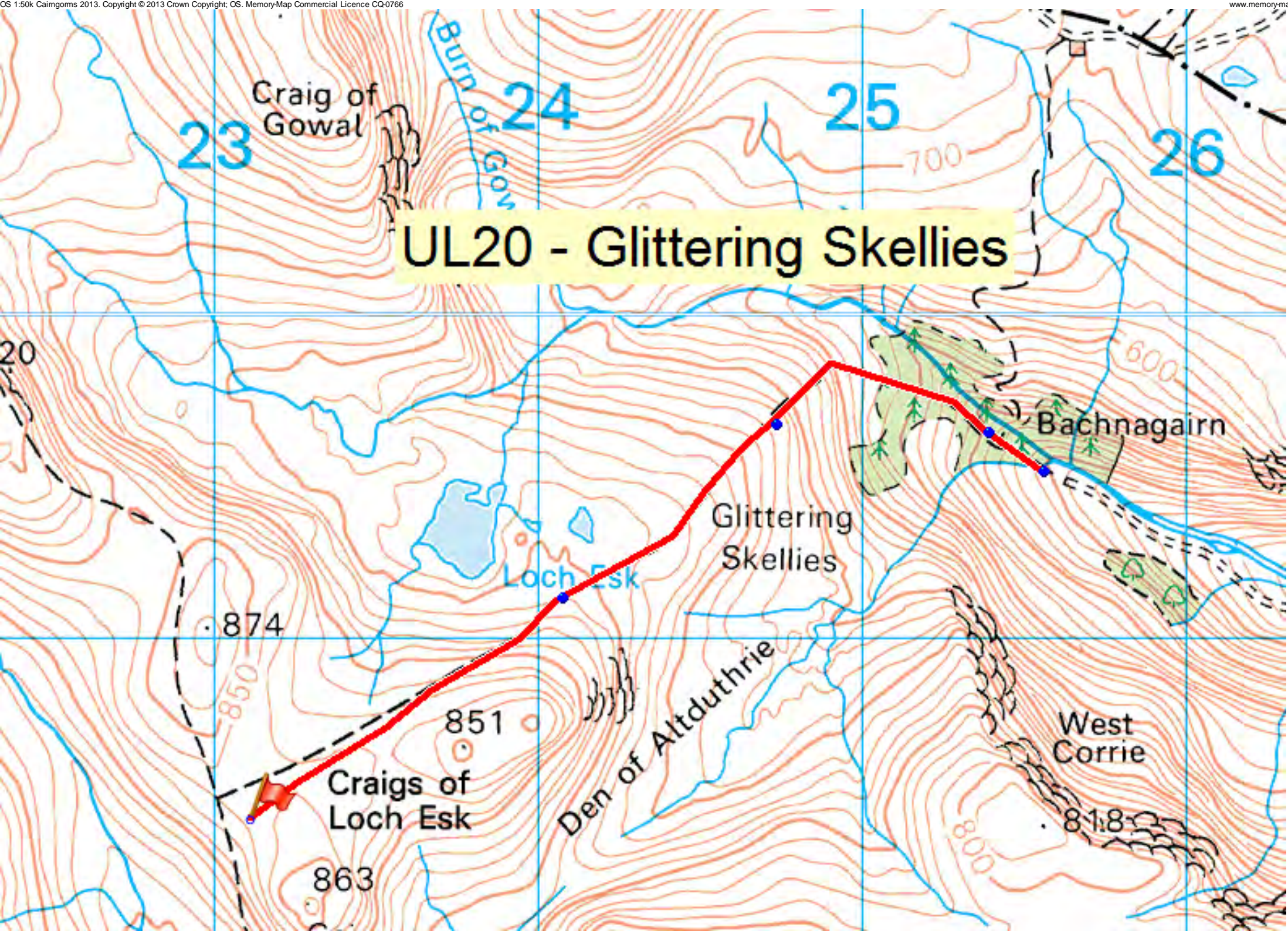
TOTAL	6419			Corrie Chash											3	12	95465
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Built Features

XD	21	Pitching	92	SD	472	Revet	16
WB	75	Agg.	2050	Other	22	Other	42

Description

Corrie Chash path from Glen Muick in excellent condition. Sections 3 & 4 from the end of the vehicle track would benefit from intensive works. Section 5 is low priority



Path Number: UL20	Path Name: Glittering Skellies	Distance: 2.731km	Location: NO 2556979511 to NO 2317778434
Landowner: Balmoral Estate	Designations:		Land Management Priorities: Sporting/stewardship
Use: Route is popular for circular walks around Glen Doll/Clova. Some use by ponies on section 2.			
Previous Path Management: No previous path management.			
Path Management Constraints: <ul style="list-style-type: none">Needs to be suitable for ponies on lower sections.			
Path Condition: <ul style="list-style-type: none">Start of route very wet with evidence of erosion since 2003.Route not obvious from Jock’s Road.			
Recommendations: <ul style="list-style-type: none">Section 1 – full buildSection 2 – full build – machine access a problemSection 3 - ‘light touch works’Section 4 - ‘light touch works’			
Maintenance: Once built the path will need some maintenance and light touch and pre-emptive work further in.			
Section 1. 		section 2 	
Section 3		Section 4	



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO 2556979511
dry, warm	5th June 2013	UL 20	Glittering Skellies	Donald Mackenzie	End	NO2311778438

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	56	NO2555479562	Agg.	start	1/0	2.00	2	0.1	17/5	3	3	3	3	4	3	2	3920

Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	56	.....	0	Pipe Culv	0

Description

Rough section through woods to path junction and bridge. Full build required

2	803	NO2539879629	peat/grass	bridge	1/1	1-2.2	1.5-4.5	0-0.3	13/25	3	2	3	3	3	2	2	56,210
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Built Features

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

Description

Path through wood very wet in places. Erosion evident further up after path emerges from woods. Full build required.

3	931	NO2474479655	peat/agg	cairn	1/0	0.5-1	0.5-1.4	0.2	6/7	4	3	4	4	4	3	1	18,620
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	723	AB	0	pc	0

Description

From cairn to second cairn near loch. Wet in places with braiding. Would benefit for some pre-emptive light touch works

4	941	NO2408179123	Grass	Cairn	1/0	0.00	0.5	0	6/9	4	4	4	4	4	4	2	18,820
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Built Features

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

Description

evolved line up to junction with Jock's road. Two wet areas to cross where the path is spreading. Light touch works recommended.

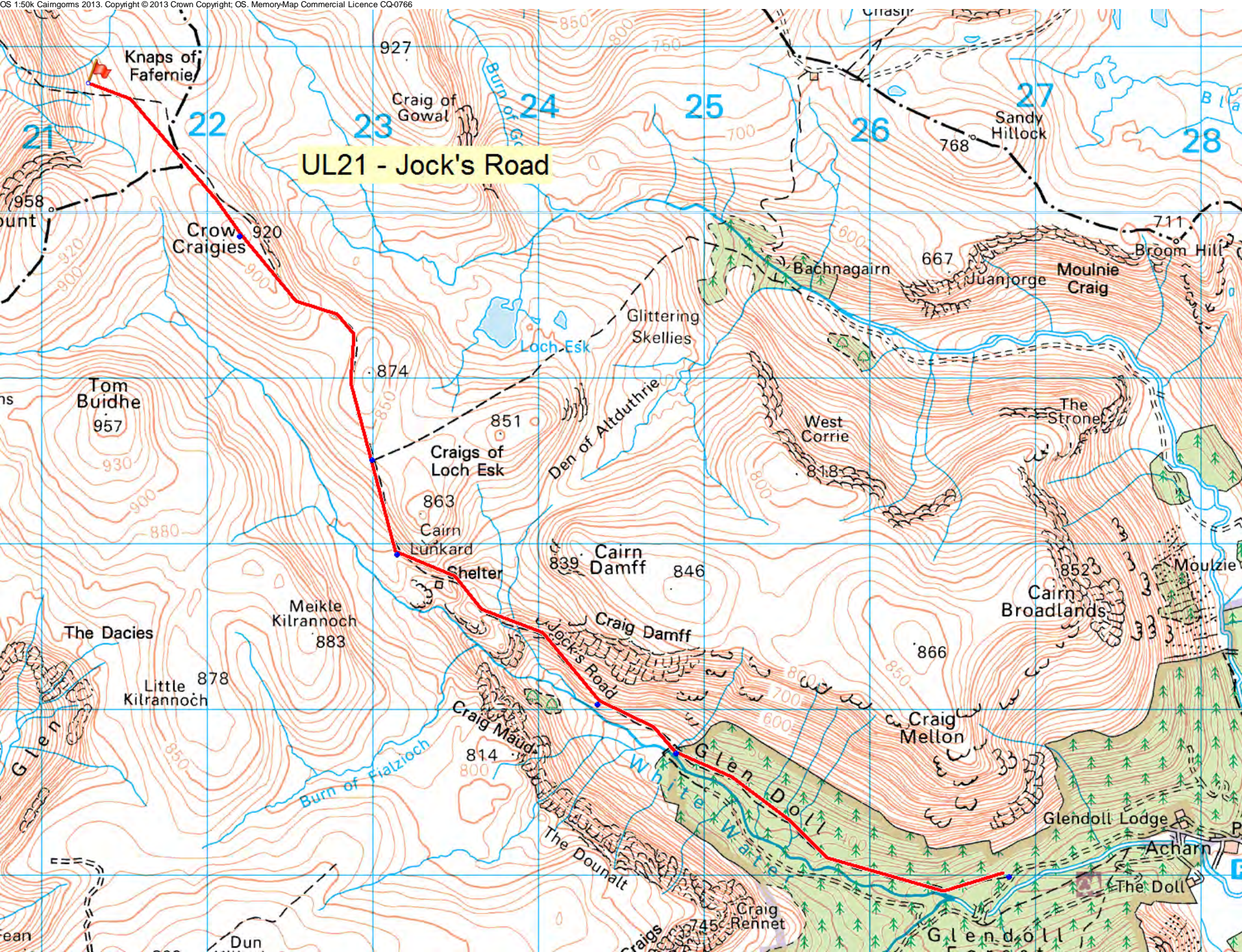
TOTAL	2731														3	7	97570
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	779	Other	0	Other	0

Description

Worsening path needs fairly substantial work needed lower down with light touch approach higher up.



Path Number: UL21	Path Name: Jock's Road	Distance: 7.534km	Location: NO2685075984 to NO2128880776
Landowner: Balmoral Estate	Designations: None		Land Management Priorities: Sporting/Stewardship
Use: Well established old drove route linking the Glen Doll with Glen Callater. Reasonably high usage.			
Previous Path Management: Old stalking path that has received full build work over first 4kms in recent years.			
Path Management Constraints: <ul style="list-style-type: none">Fairly long walk in to top of site.			
Path Condition: <ul style="list-style-type: none">Built sections in very good condition with low maintenance requirements.Path becomes rough after section 3 with spreading erosion across plateau.			
Recommendations: <ul style="list-style-type: none">300m full build up slope on section 4 required.Alignment and light touch work needed further up.			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared, path surface occasionally topped up, and continuity of light touch and pre-emptive work further in.			
Full build required at start of section 4. 		Looking back on section 4 	
Path definition required on section 5		Section 5 – light touch work required 	

Cairngorms Outdoor Access Trust

Weather warm,dry	Date 5th June 2013	Audit No UL21	Path Name Jocks Road	Surveyor Donald Mackenzie	Start End	NO2685075984 NO2128880776
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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	1740	NO2685075984	Agg.	Start	1/1	1.50	1.5	0	5/7	4	4	4	4	5	4	1	34,800

Built Features

XD	20	Pitching	0	SD	1100	Revett	0
WB	1	Agg.	1740	Culvert	2	PC	3

Description

Start to end of forestry section, machine built path. No change since 2009 audit needs resurfaced along entire length, but low priority

2	572	NO2483876729	Agg.	ford	1/0	1.00	1.00	0	11/28	5	5	5	5	5	5	1	0
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Built Features

XD	18	Pitching	17	SD	120	Revett	0
WB	5	Agg.	555	Abs	12	Culvert	1

Description

Stalker style Path is in excellent condition. No capital works required
Maintenance only required.

3	1593	NO2436177025	Agg	Cairn	1/0	0.80	0.80	0	12/31	5	5	5	5	5	5	2	0
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Built Features

XD	48	Pitching	75	SD	55	Revett	8
WB	30	Agg.	1518	PFord	3	Abs	32

Description

Stalker style Path is in excellent condition. No capital works required
Maintenance only required

4	598	NO2315077932	Agg.	Cairn	2/4	2.50	7	0.4	12/28	2	3	3	2	3	2	1	22,470
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Built Features

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

Description

evolved line up to junction with Glittering Skellies path
Full build required on first 300m up slope then light touch works to define single line

5	1790	NO230078501	Agg/grass	Plateau	3/0	2.50	5	0.3	5/12	4	4	3	3	3	3	4	35,800
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Built Features

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

Description

3 paths adjacent spreading across plateau. Light touch work required to produce one route and narrow spread. Abs & WB's required on pull up to Crow Craigies

6	1241	NO2220079850	Agg/grass	Crow Cgs	2/3	2.50	5	0.2	8/15	4	4	3	3	4	4	2	24820
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Built Features

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

Description

evolved route which has not spread since 2009 audit
Possibly some light touch work to define pathline and reduce spread

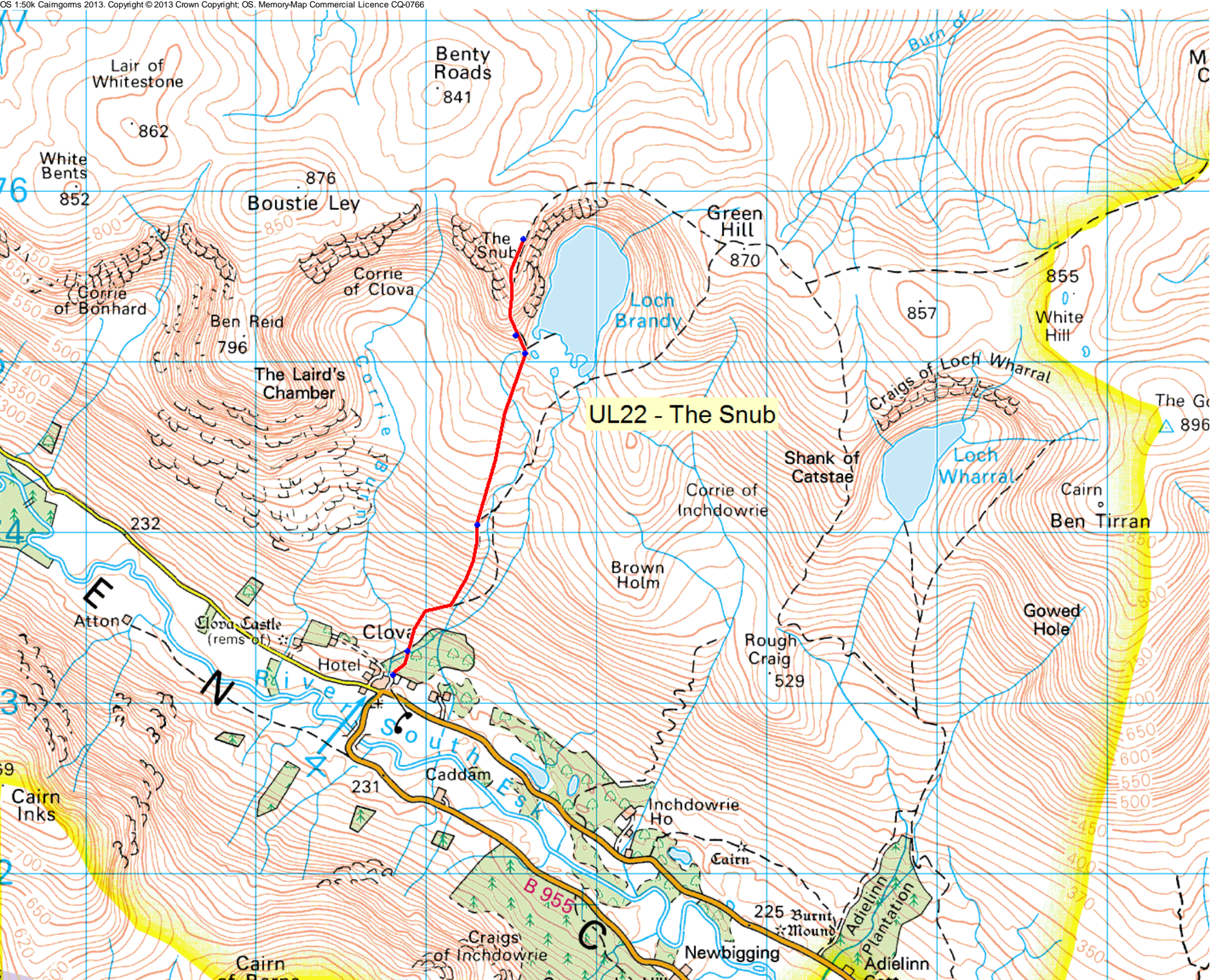
TOTAL	7534														3	11	117890
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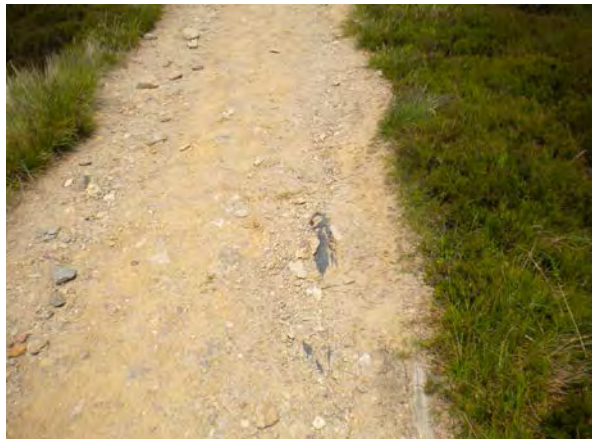

Built Features

XD	86	Pitching	92	SD	1275	Revett	8
WB	36	Agg.	3813	Other	17	Other	36

Description

No capital works required up to end of S3. Low maintenance path. High build recommended on section 4 and possible light touch works higher up.



Path Number: UL22	Path Name: The Snub	Distance: 2.904km	Location: NO3281173160 to NH3357675717
Landowner: Clova Farms	Designations: SPA, SSSI (around loch)		Land Management Priorities: Sporting/farming
Use: Fairly popular route up to Loch Brandy and the Snub from Glen Clova Hotel.			
Previous Path Management: There has been a significant section of machine and handbuilt work carried out up to Loch Brandy. There has been no previous path management after this.			
Path Management Constraints: <ul style="list-style-type: none">• None			
Path Condition: <ul style="list-style-type: none">• Built path to Loch Brandy quite steep with some pitching being avoided and some loss of surfacing with hard core showing through on camber.• Path up Snub steep and eroding rapidly.			
Recommendations: <ul style="list-style-type: none">• Built path needing some maintenance.• Steep and rapidly eroding path to summit. Needs full build with some crucial alignment work on lower slope to hold a hand build agg and pitching path			
Maintenance: Once repaired the path will require quite intensive maintenance, with drains to be cleared, path surface occasionally topped up.			
Section 3 		Full build required up Snub – Section 5 	

Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO 3281173160
Dry, warm	6th July 2013	UL22	The Snub - Loch Brandy	Donald Mackenzie	End	NO3357675717

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	144	NO 3281173160	Agg.	Start	1/1	1.40	1.5	0	7/12	4	4	5	5	4	5	1	0

Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	144	....	0	MetalWB	3

Description

Short section of woodland path with metal water bars and aggregate surface
Good condition. Maintenance only

2	986	NO3289573302	Agg.	Gate	1/1	1.00	1.30	0	13/28	5	5	5	5	4	5	1	0
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Built Features

XD	1	Pitching	78	SD	345	Revett	0
WB	37	Agg.	908	Pipe C	12	Abs	19

Description

Section of heavy built path - aggregate with sections of pitching. Steep slope zig-zagging up steep ascent.

3	1051	NO3330774041	Agg.	stob	1/1	1.30	1.50	0	7/8	4	5	5	5	5	5	1	0
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Built Features

XD	9	Pitching	36	SD	0	Revett	0
WB	21	Agg.	1015	PCs	12	0

Description

Machine built path - camber becoming worn in places exposign a high ridge of agg in centre of path - 200m where aggregate is becoming loose.

4	115	NO3358775043	Agg.	junction	1/1	1.10	1.1	0	5/8	5	5	5	5	5	5	1	0
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Built Features

XD	1	Pitching	0	SD	0	Revett	0
WB	5	Agg.	115	0	0

Description

Short section of aggretrate path

5	608	NO3353275149	Agg.	I.A	2/4	2.60	10	0.5	21/14	2	2	2	2	1	2	4	66,880
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Built Features

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

Description

Steep and rapidly eroding path to summit. Full build recommended
Pitching stone will need to be bagged and helicoptered.

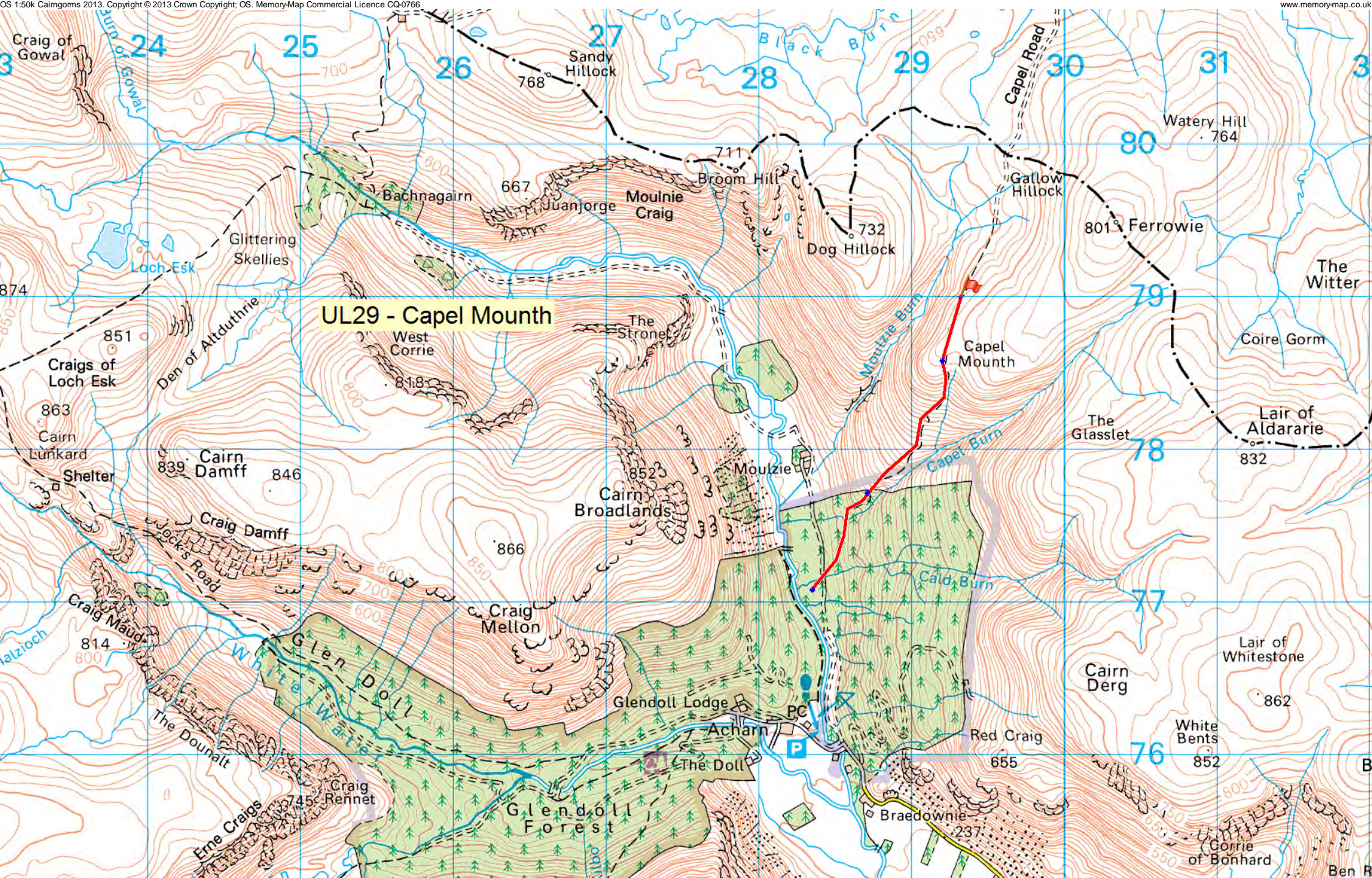
TOTAL	2904														2	8	66880
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Built Features

XD	11	Pitching	114	SD	345	Revett	0
WB	63	Agg.	2182	Other	24	Other	22

Description

Path up to high point above Loch Brandy - Path to loch built heavily and beginning to need maintenance - path beyond eroding rapidly and needs intensive repair.



Path Number: UL29	Path Name: Capel Mount	Distance: 2.553km	Location: NO 2835777078to NO 2932978993
Landowner: tbc	Designations: SPA, NSA		Land Management Priorities: Forestry/access
Use: Moderately used path linking Glen Clova with Loch Muick. Evidence of mountain bike use.			
Previous Path Management: There has been some attempt to improve drainage in the forestry section, but no major path management works.			
Path Management Constraints: <ul style="list-style-type: none">• The burn crossing can be difficult when in spate.• Path improvements may encourage cycle use of this route and onto higher ground.			
Path Condition: <ul style="list-style-type: none">• The path is in generally good condition but with some very wet sections and some slow loss of material on steeper sections.			
Recommendations: <ul style="list-style-type: none">• If work is undertaken would recommend a machine built path through entire length.			
Maintenance: <ul style="list-style-type: none">• Built sections will need some ongoing maintenance and top up of surfacing.			
Section 1 		Section 2 	

Section 2



Section 3



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO2835777078
Dry	6th July 2013	UL29	Capel Mount	Donald Mackenzie	End	NO2932978993

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	762	NO2835777078	veg/agg	Start	1/0	0.60	3	0.2	15/23	4	3	4	4	4	4	2	15,240

Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	0	Culvert	2	PC	0

Description

From start of path to forestry fence. Evolved line evidence of mountain bike use
Machine build path would be best solution

2	1346	NO2871777712	veg	Fence	1/2	0.50	3.50	0.2	26/11	4	3	3	3	4	4	2	26,920
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Built Features

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

Description

from forestry fence up to cairn. Evolved line. Definition required.
Machine build recommended.

3	445	NN9879079896	Agg.	Cairn	1/0	1.90	2.00	0.2	7/23	4	4	4	4	4	5	2	0
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	3	Agg.	445	PC	0	Abs	0

Description

From the cairn this widens out into an old vehicle track
some additional waterbars will help prevent gullyng

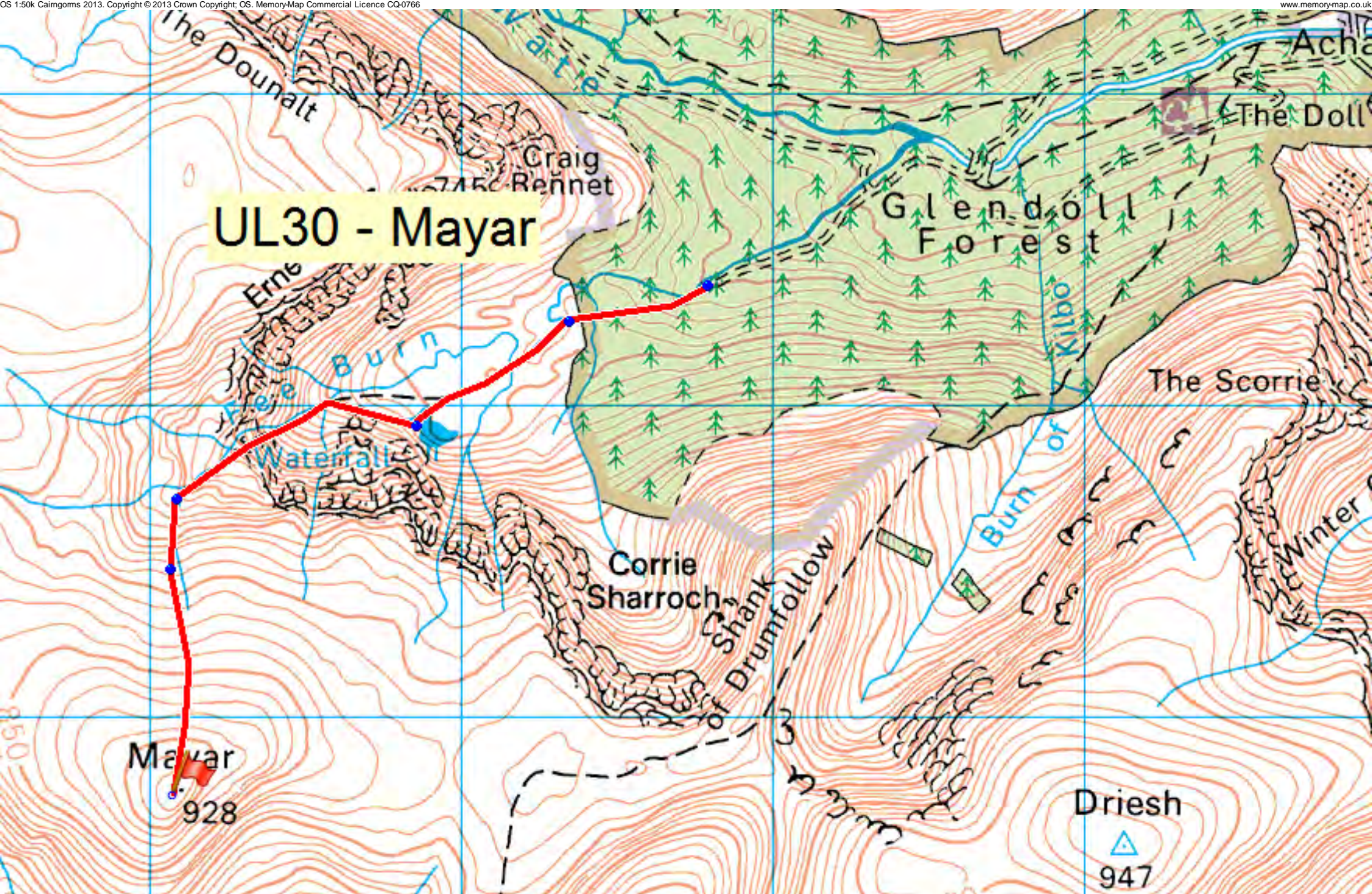
TOTAL	2553														4	6	42,160
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	3	Agg.	445	Other	2	Other	0

Description

Popular through route for mountain bikes. Forestry section is contained. Machine build will be best solution



Path Number: UL31	Path Name: Mayar	Distance: 3.184km	Location: NO 2579775380 to NO2407873746
Landowner: SNH	Designations: NNR		Land Management Priorities: Sporting/stewardship
Use: Popular route through the stunning Corrie Fee leading up to Mayar and Driesh			
Previous Path Management: The lower three sections of the footpath have been fully built to a high standard. The top two sections show no evidence of previous management			
Path Management Constraints: <ul style="list-style-type: none">Any future work on the top two sections will require materials to be importedAccess and gradient rule out machine build.			
Path Condition: <ul style="list-style-type: none">Built path through corrie Fee is in excellent conditionSection four shows signs of erosion and due to the slope will continue to gully if work is not carried out.			
Recommendations: <ul style="list-style-type: none">Section one to three – maintenance onlySection 4 – Full build required.Section 5 – light touch work may prevent future erosion			
Maintenance: Once built the path will need some maintenance and light touch and pre-emptive work further in.			
Section 1. 		section 3 	
			



Section 4



Section 4

Section 5



Section 5



Cairngorms Outdoor Access Trust

Weather warm,dry **Date** 6th June 2013 **Audit No** UL30 **Path Name** Mayar **Surveyor** Donald Mackenzie **Start** NO2579775380
End NO2407873746

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	481	NO2579775380	Agg.	Start	1/0	1.50	1.5	0	5/7	5	5	5	5	5	5	2	0

Built Features

XD	0	Pitching	0	SD	365	Revett	0
WB	8	Agg.	481	Abs	12	PC	6

Description

Machine built path 1.5m wide to top of forestry. Good condition
Routine maintenance only required.

2	644	NO2535375264	Agg.	Forestry end	1/0	0.80	0.80	0	8/5	5	5	5	5	5	5	2	0
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Built Features

XD	17	Pitching	56	SD	0	Revett	6
WB	3	Agg.	588	Abs	5	Culvert	0

Description

well constructed footpath. Good surface and well contained
No capital works required. Routine maintenance only

3	1062	NO2486074929	Agg	IA	1/0	0.50	0.50	0	32/35	5	5	5	5	5	5	2	0
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Built Features

XD	56	Pitching	184	SD	175	Revett	55
WB	27	Agg.	878	culvert	11	Abs	48

Description

From increase in gradient the path climbs beside the fee burn to top of corrie
No capital works required. Routine maintenance only

4	247	NO2409474696	Agg/veg	End of build	1/0	1.50	6.2	0.5	22/10	3	2	3	3	3	2	0	34,700
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	150	0	0

Description

evolved line up steep slope from top of built section. Poor condition
Full build required with 150m pitching. Need to helicopter in stone

5	750	NO2407274471	Agg/veg	Burn	1/0	1.50	8	0	13/8	4	3	3	3	4	4	0	15,000
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	320	0	0

Description

From head of corrie Fee up grassy slope to summit cairn
light touch works may be beneficial to help prevent further erosion

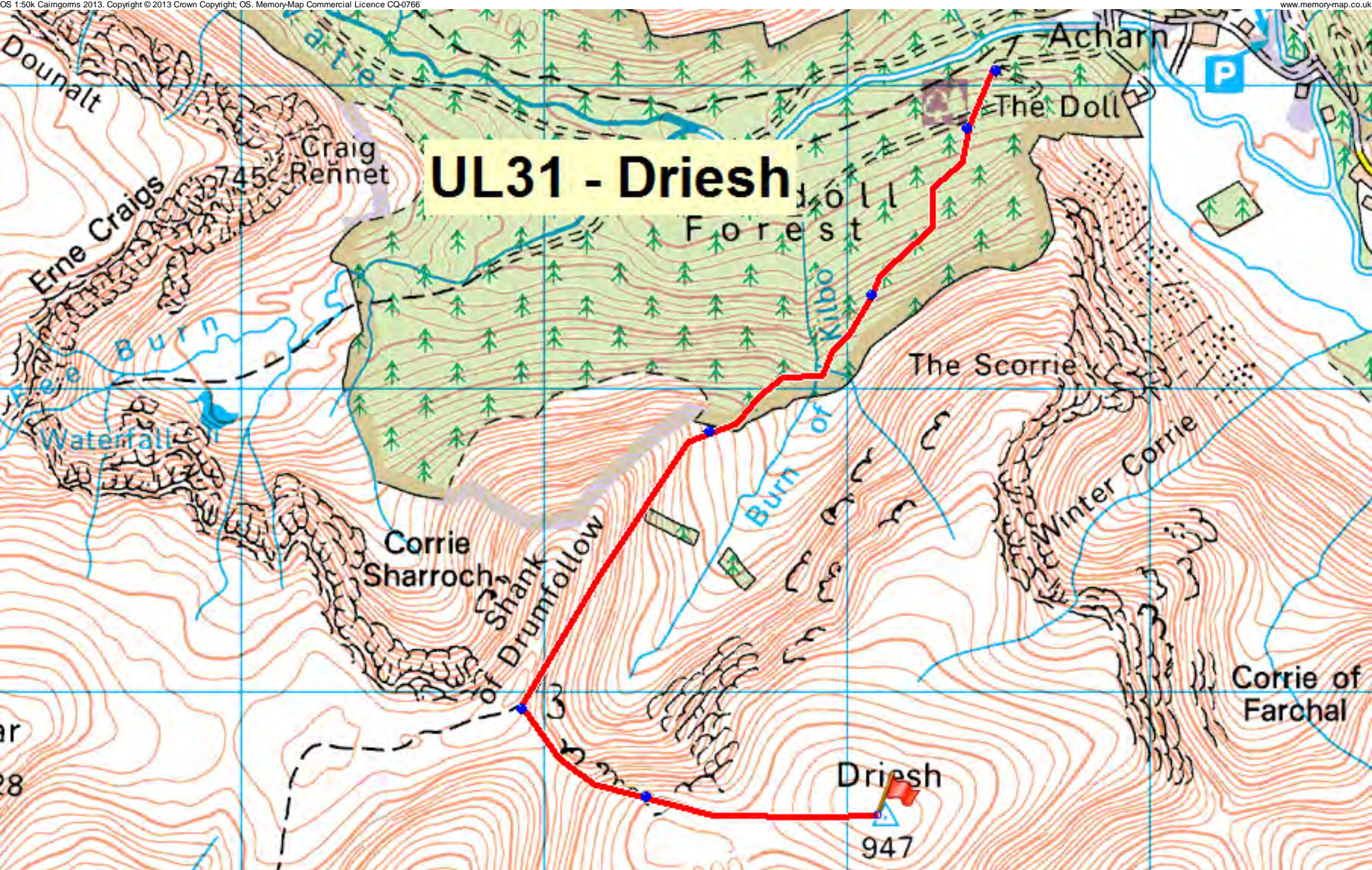
TOTAL	3184														3	6	49700
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Built Features

XD	73	Pitching	240	SD	540	Revett	61
WB	38	Agg.	2417	Other	28	Other	54

Description

Sections 1-3 cover a well constructed path in good condition. Section 4 is badly eroded and needs a full build path



Path Number: UL31	Path Name: Driesh	Distance: 3.991km	Location: NO 2749676047 to NO2710973588
Landowner:	Designations:		Land Management Priorities: Sporting/stewardship
Use: Route follows the old hill path linking Glen Doll with Glen Prosen. Used by hill walkers to access Driesh and Mayar (both Munros). Also popular with mountain bikers.			
Previous Path Management: Lower sections through the forestry have built features but have not been maintained. No sign of path management in upper sections.			
Path Management Constraints: <ul style="list-style-type: none">Mountain bike usage needs to be taken into consideration.Cross slope in section four rules out a machine built path.			
Path Condition: <ul style="list-style-type: none">Although the lower sections are rough they are well contained by trees and cross-slopesUpper sections show more evidence of spread.			
Recommendations: <ul style="list-style-type: none">Section 2 & 3 – full rebuild recommended.Section 4 – Full build required.Sections 5 & 6 – liht touch works would be beneficial and could prevent the need for more extensive works at a later date.			
Maintenance: Once built the path will need some maintenance and light touch and pre-emptive work further in.			
Section 2. 		section 3 	

Section 4



Section 5



Section 6



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO2749676047
warm,dry	6th June 2013	UL31	Driesh	Donald Mackenzie	End	NO2710973588

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	198	NO2749676047	Agg.	Start	1/1	1.50	3.5	0.3	6/12	4	4	4	4	4	5	1	0

Built Features

XD	0	Pitching	15	SD	0	Revet	0
WB	0	Agg.	183	Culvert	0	PC	3

Description

Start of path to forestry road crossing. Well drained through wood low priority maintenance only

2	668	NO2740175858	Agg.	road	1/0	1.40	2.00	0.2	11/15	3	3	4	3	4	3	1	40,080
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Built Features

XD	23	Pitching	18	SD	269	Revet	0
WB	12	Agg.	650	Abs	0	Culvert	0

Description

Path skirts the edge of clearfell up to burn crossing
Path needs resurfacing and drainage work with some features rebuilt

3	628	NO2708775306	Agg	Burn	1/3	1.80	3.00	0.3	10/14	3	3	3	3	4	3	1	37,680
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Built Features

XD	11	Pitching	18	SD	45	Revet	0
WB	6	Agg.	610	PC	1	Abs	11

Description

Path out to fence line at top of forestry. Well contained but eroded.
rebuild required. Materials on hand.

4	1124	NO2655374856	Agg.	fence	1/1	1.20	4	0.6	15/30	3	2	3	3	3	3	3	67,440
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	1124	0	0

Description

evolved line from fence line up to col
Full handbuilt path required. Materials on site

5	582	NO2593273940	Agg.	cairn	2/5	3.00	15	0.3	18/28	4	3	3	3	4	3	2	17,460
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	582	0	0

Description

route from col up to shoulder before summit. Various routes line definition required
light touch works required to define line. Some ABS and WBS required

6	791	NO2634173649	Agg.	Ridge	1/1	3.00	9	0	10/15	4	4	4	4	4	4	1	15,820
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Built Features

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

Description

evolved route up to summit. Would benefit from light touch work to define pathline

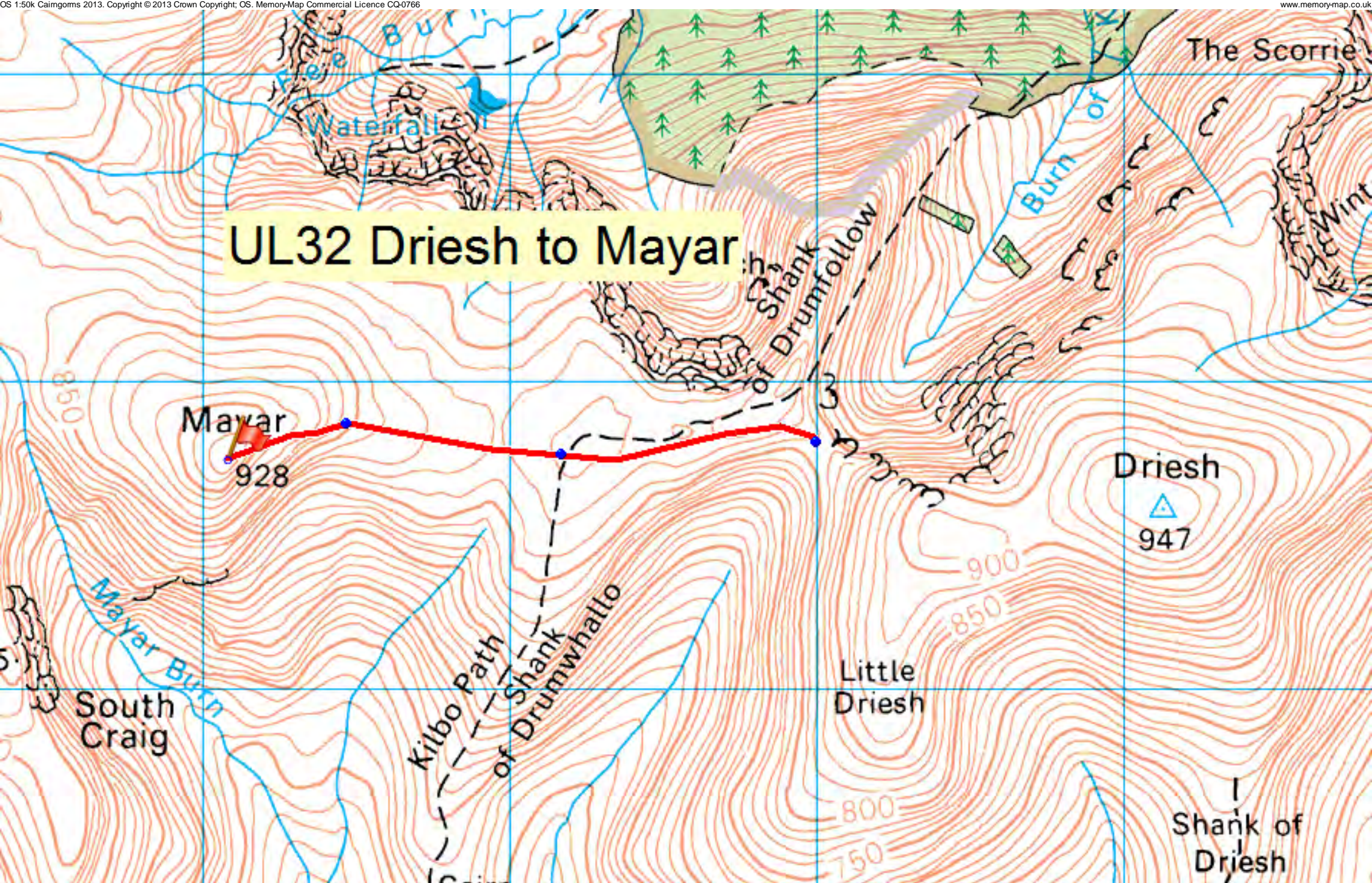
TOTAL	3991														3	9	178480
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Built Features

XD	34	Pitching	51	SD	314	Revet	0
WB	18	Agg.	3149	Other	1	Other	14

Description

Sections 1-3 need rebuilt. Full build required on section 4. Upper section would benefit from light touch works.



Path Number: UL32	Path Name: Driesh to Mayar	Distance: 2.080km	Location: NO 2600373801 to NO2408673742
Landowner:	Designations:		Land Management Priorities: Sporting/stewardship
Use: Route links the Munro summits of Driesh and Mayar			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none">Lack of building stone on sections one and two.			
Path Condition: <ul style="list-style-type: none">Sections 1 & 2 generally o.k. light touch work required to prevent path spread.Section 3 requires work to prevent further erosion and gullying.			
Recommendations: <ul style="list-style-type: none">Section 1 – some light touch work to define one line and prevent path spread.Section 2 - light touch work with 100m of more intensive work at wet areas.Section 3 – WBS and ABS needed to prevent further erosion			
Maintenance: Once built the path will need some maintenance and light touch and pre-emptive work further in.			
Section 1. 		section 2 	
Section 2 		Section 2 	



Section 3



Section 3

Cairngorms Outdoor Access Trust

Weather
 warm,dry
 Date
 6th June 2013
 Audit No
 UL32
 Path Name
 Driesh to Mayar
 Surveyor
 Donald Mackenzie
 Start
 NO2600373801
 End
 NO2408673742

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	890	NO2600373801	Agg/grass	Col	1/1	1.00	15	0	5/0	4	5	4	4	4	4	1	8,900

Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	450	Culvert	0	PC	0

Description

evolved line from col between Driesh and Mayar follows old fence line
 Some light touch work recommended to prevent path spread.

2	744	NO2517173760	Agg.	ROW sign	1/4	3.80	7.00	0.6	5/0	4	3	4	4	4	3	1	22,320
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	744	Abs	0	Culvert	0

Description

From ROW sign to shoulder of Mayar. Evolved line on ridge.
 light touch work to block braids 120m of more intensive work required at wet areas.

3	446	NO2447073858	Agg	IA	1/1	2.20	6.00	0.3	16/5	3	2	3	3	4	3	2	22,300
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	446	PC	0	Abs	0

Description

evolved line from increace in angle to Mayar summit. Steeper areas eroded with
 fines washed out. Poor drainage. Requires WBS and ABS.

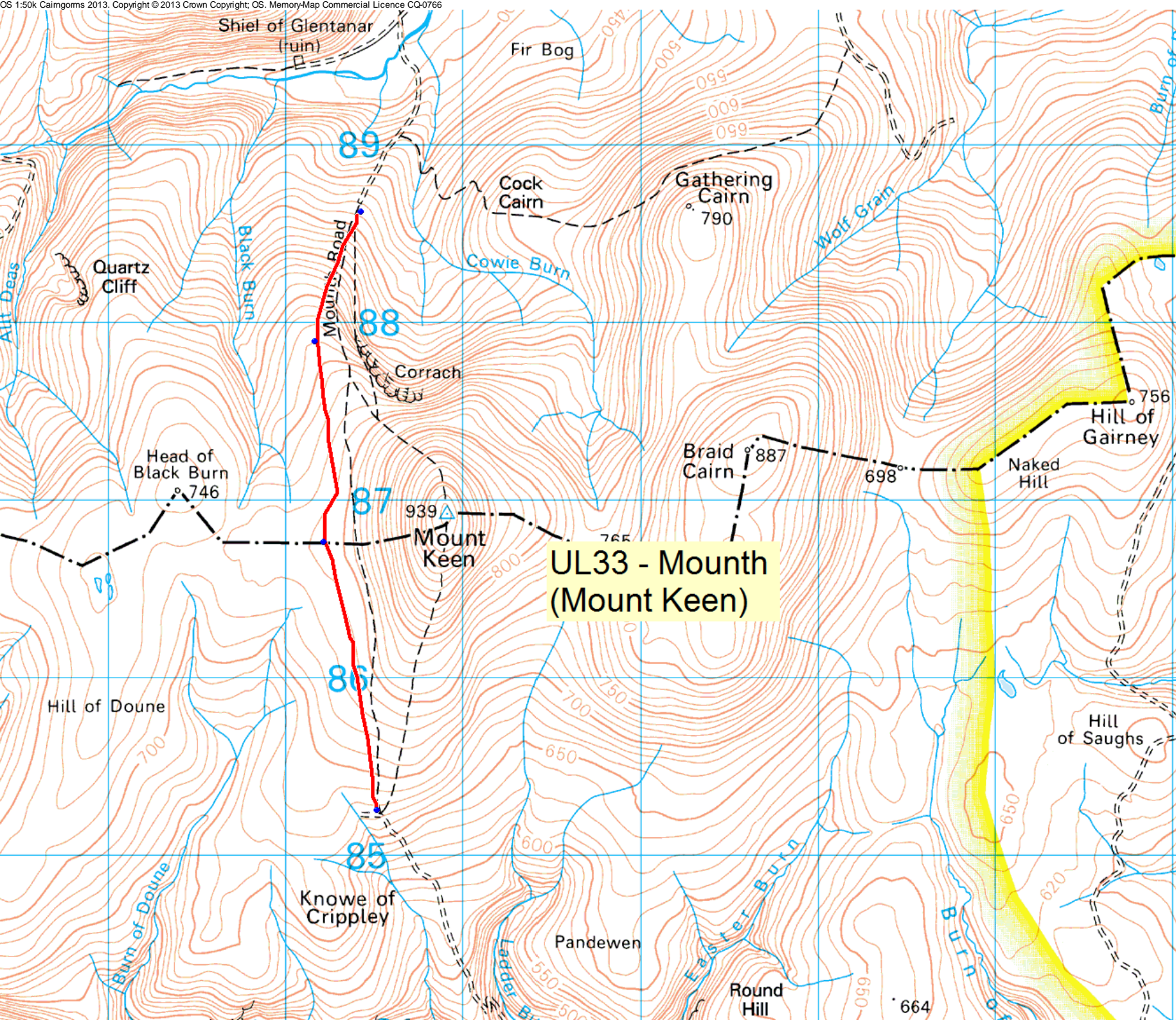
TOTAL	2080														3	4	53520
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	1640	Other	0	Other	0


Description

Sections 2 and 3 would benefit from work to brevent further erosion especially on steper
 areas.



Cairngorms Outdoor Access Trust

Path Number: UL33	Path Name: Mount Keen (Glen Tanar)	Distance: 2.005km	Location: Start: NO 40426 88619 End: NO 40541 85229
Landowner: Glen Tanar Charitable Trust	Designations: SPA		Land Management Priorities: Sporting
Use: Through route from Glen Tanar to Glen Esk, bypassing Mount Keen. First sections have shooting butts and obviously there is use for this. Beyond the junction only pedestrian access.			
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• Shortage of construction materials in places• The path is entirely suitable for machine build approach on whole length			
Path Condition: <ul style="list-style-type: none">• First section of path is very badly eroded, with sections further up eroding more slowly• Heavier damage again nearer tie in with Mount Keen (Glen Esk) path			
Recommendations: <ul style="list-style-type: none">• Requires full build path with extensive landscaping and careful alignment for all but the very top section approaching the summit• Scope to share initial section with the Mount Keen with careful alignment			
Maintenance: Should be 'hi and dri' machine path and therefore fairly low on maintenance			





Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NO 40426 88619
V High Winds and heavy rain	2nd July 2013	UL33	Mounth (Mount Keen)	Dougie Baird	End	NO 40541 85229

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	780	NO 40426 88619	Agg.	start	2/2	4.00	12	0.7	14/18	1	1	1	1	1	1	1	30,000

Built Features

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

Description

Very badly damaged and gullied path, leading past grouse butts (ATV Access?)
Machine build full length. May be possible to share route with Mount Keen?

2	1110	NO 40162 87981	Agg.	butt	1/3	1.50	4.00	0.3	8/11	4	3	3	3	3	3	1	35,000
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Built Features

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

Description

eroded aggregate giving way to peaty wet braids
machine build path required

3	1560	NO 40216 86759	agg/peat	burn x	1/1	0.80	3.00	0.2	6/9	4	2	4	4	4	4	1	40,000
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Built Features

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

Description

Robust but degrading line with heavier erosion near Mount Keen East approach
Machine build solution using on site materials

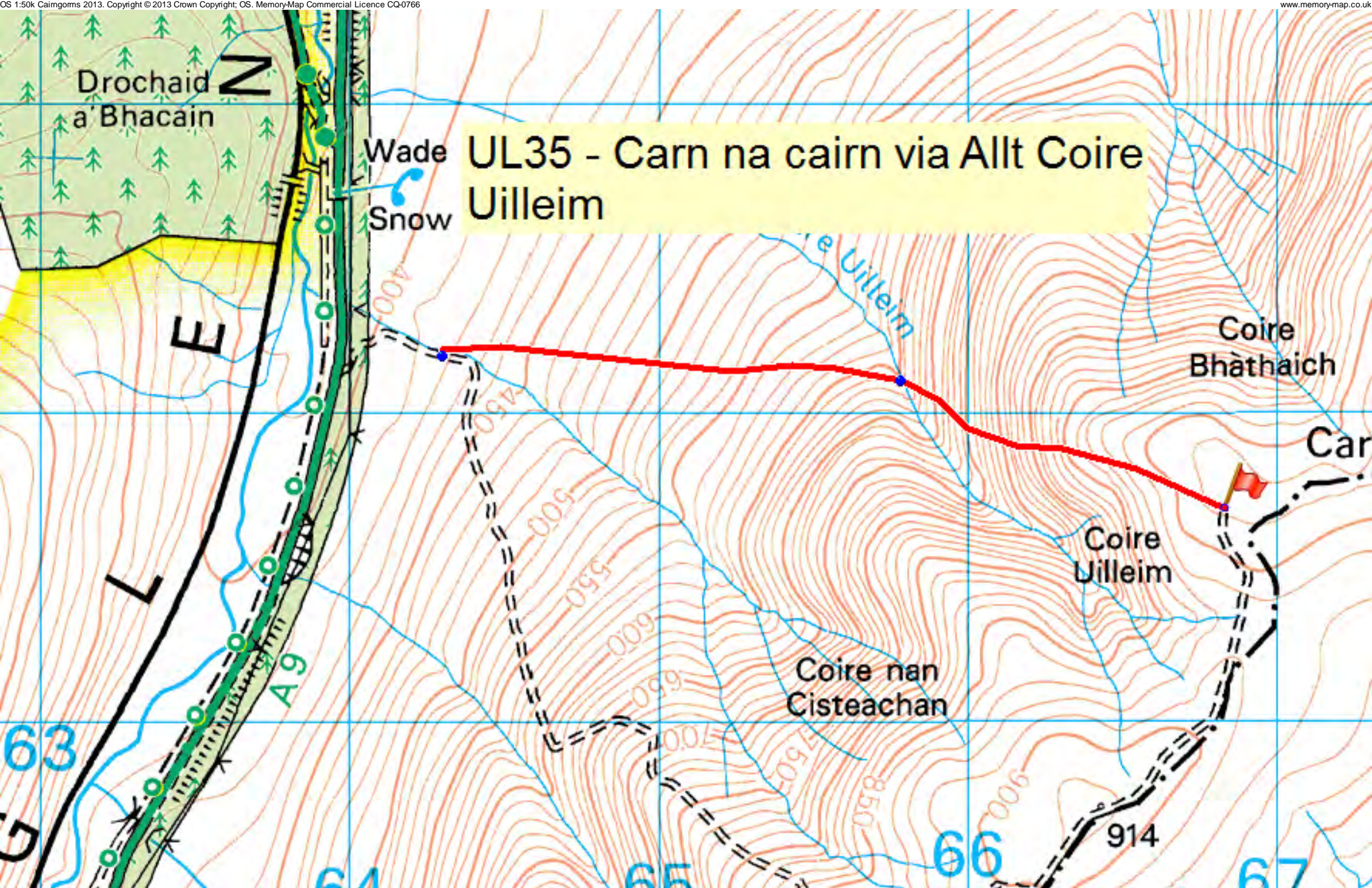
TOTAL	3450														3	3	105000
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Built Features

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

Description

Very badly gullied section parallel to Mount Keen start, could rationalise? Machine Build all the way



Path Number: UL35	Path Name: Carn na Cain via corrie Uilleim	Distance: 3.025km	Location: NN6430682176 to NN6683781680
Landowner: N Drumochter or Phones	Designations: NP, SSSI, SPA, SAC		Land Management Priorities: Sporting/stewardship
Use: The line follows a recommended return route for hillwalkers climbing Carn na Caim			
Previous Path Management: No sign of path management.			
Path Management Constraints: <ul style="list-style-type: none">Steep slope in section two rules out a machine built path.			
Path Condition: <ul style="list-style-type: none">Intermittent evolved line throughout entire length of routeNo obvious erosion scars			
Recommendations: <ul style="list-style-type: none">No work required but future monitoring recommended.			
Maintenance: No maintenance required.			
Section 1. 		section 1 	

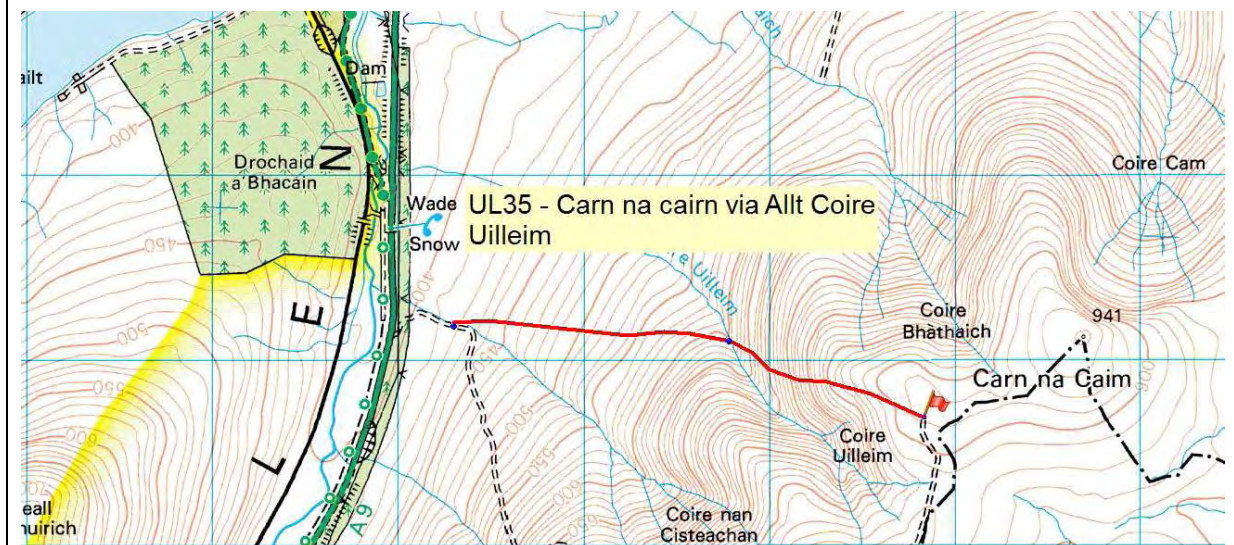
Section 2



Section 2



UL35_Carn na Caim via corrie Uilleim



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN6430682176
Dry, Sunny	20th July 2013	UL35	Carn na cairn via corrie Uilleim	Donald Mackenzie	End	NN6683781680

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	1635	NN6430682176	veg	Bridge	1/0	0.30	0.3	0	11/16	4	3	4	4	4	5	0	0

Built Features

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

Description

intermittent line not obvious after leaving estate track
No work required

2	1390	NN6578882099	veg	burn crossin	1/2	0.30	0.50	0	39/6	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.		Abs	0	Culvert	0

Description

from burn crossing to plateau. Intermittent line and deer tracks.
No work required.

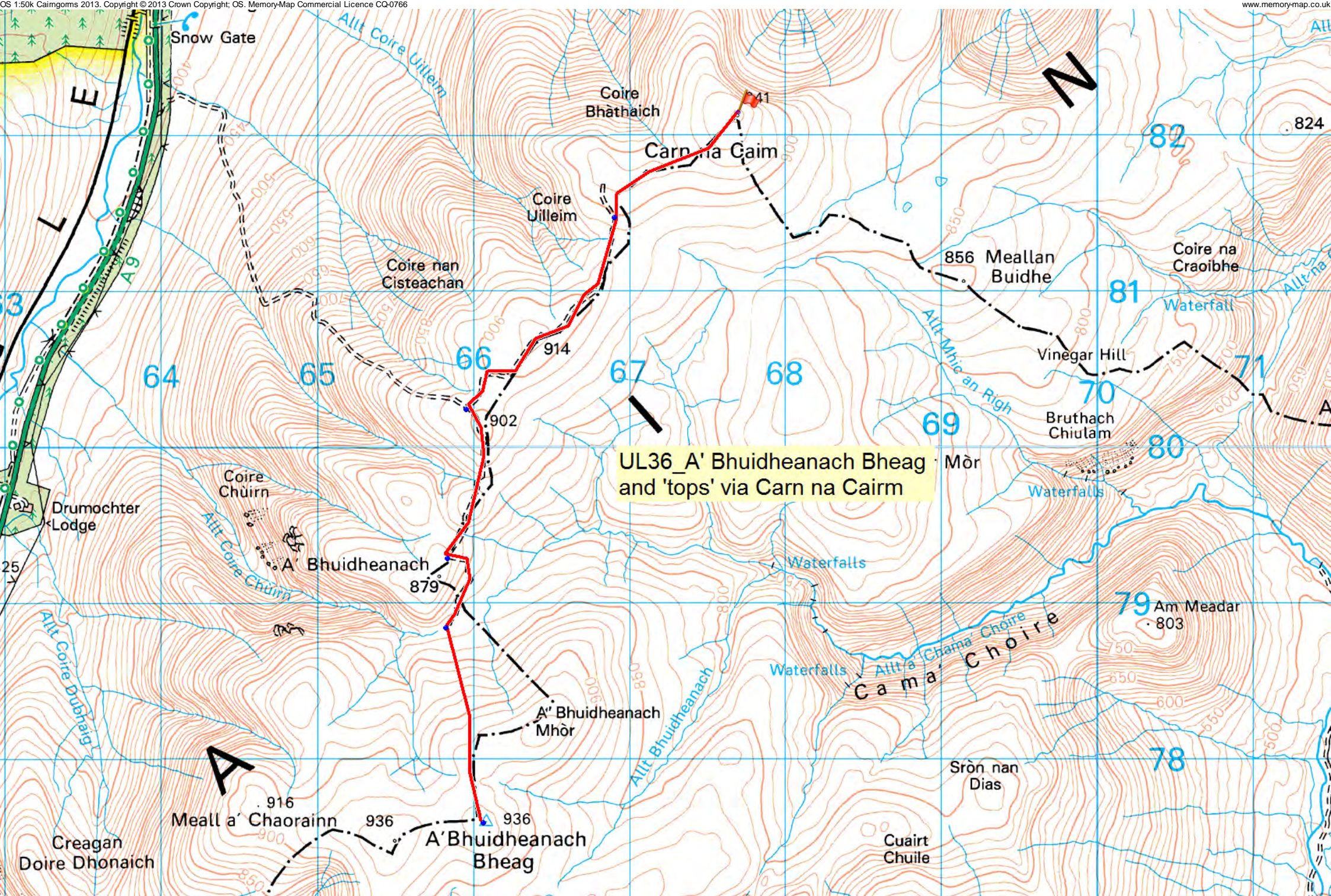
TOTAL	3025														5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Other	0	Bridge	1

Description

Descent route from Carn na Caim. Intermittent line. No obvious erosion



Path Number: UL36	Path Name: A'Bhuidheanach Beag to Carn na caim	Distance: 5.795km	Location: NN607177589 to NN6770382144
Landowner: N Drumochter, s Drumochter & Dalnacardoch	Designations: NP, SSSI, SPA, SAC		Land Management Priorities: Sporting/stewardship
Use: Popular route linking two munro summits of A’Bhuidheanach Beag and Carn na caim			
Previous Path Management: Improvements to the vehicle track by the estate in places.			
Path Management Constraints: <ul style="list-style-type: none">High altitude will restrict any work to the summer months.			
Path Condition: <ul style="list-style-type: none">Route follows an existing vehicle track from sections 2 - 4Sections 1& 5 follow an evolved line.			
Recommendations: <ul style="list-style-type: none">Section 5 – machine built path recommendedSection 1 – machine built path recommended			
Maintenance: No maintenance required unless future work takes place.			
Section 1. 		section 2 	

Section 3



Section 4



Section 5



Section 5



Cairngorms Outdoor Access Trust

Weather warm,dry
Date 20th July 2013
Audit No UL36
Path Name A'Bhuidheanach Beag to Carn na cairn
Surveyor Donald Mackenzie
Start NN6607177589
End NN6770382144

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	1328	NN6607177589	veg	Cairn	1/0	0.30	0.8	0	12/4	4	4	4	4	4	4	1	26,560

Built Features

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

Description

evolved line from cairn to burn crossing. Some pigeon holing evident.
 Lack of building stone. Full machine build recommended if anything.

2	597	NN6582878836	Agg.	Burn	1/0	1.80	1.80	0.4	8/4	4	3	3	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	597	Abs	0	Culvert	2

Description

From burn crossing to cairn at A' Buidheanach
 Vehicle track with onew badly eroded corner.

3	1058	NN6583779284	Agg.	Cairn	1/0	1.90	1.90	0	12/5	4	4	4	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	1	Agg.	1058	PC	0	Abs	0

Description

From cairn to the junction with the quarry road
 Veicle track. No work required.

4	1708	NN6596180236	Agg.	junction	1/0	1.90	1.9	0.2	8/2	4	4	4	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	1708	0	0

Description

Vehicle track continues from junction to small cairn
 No work required.

5	1104	NN6690981470	Agg.	Cairn	1/0	0.80	2.5	0.3	7/3	4	3	3	4	4	4	0	22,080
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Built Features

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

Description

route leaves the vehicle track and follows an old fence line to Carn na Cairn summit
 several tramlines visible with a couple of wet areas where the route crosses peat hags

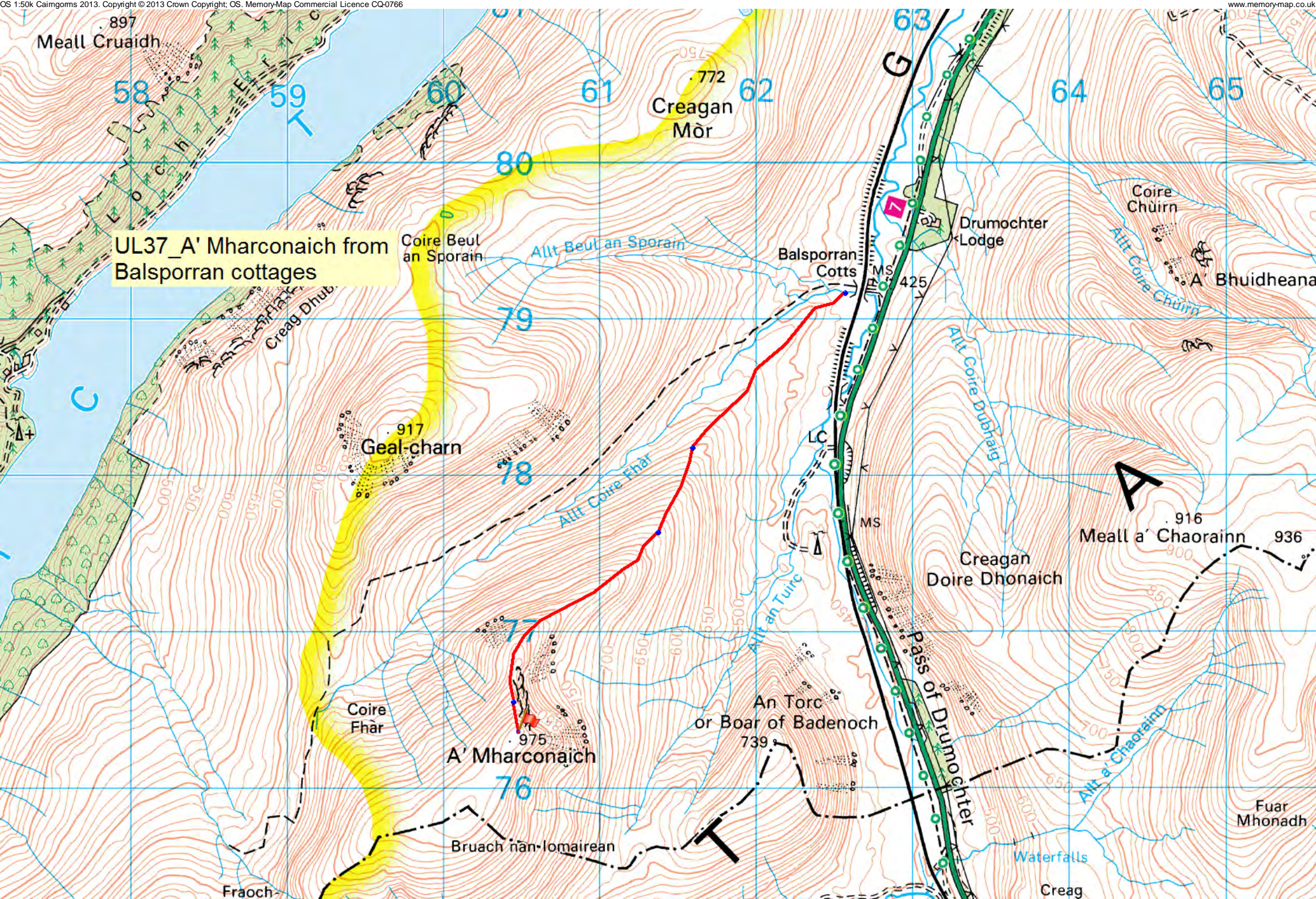
TOTAL	5795														5	1	48,640
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	1	Agg.	3363	Other	0	Other	2

Description

This route follows an established vehicle track for most of the way. Any work carried out should be on sections 1 and sections 5 - not critical



Path Number: UL37	Path Name: A'Mharconaich from Blasporran cottages	Distance: 3.951km	Location: NN6257579156 to NN6048476353
Landowner: N Drumochter & Ben Alder	Designations: NP, SSSI, SPA, SAC		Land Management Priorities: Sporting/stewardship
Use: This path is a popular ascent and descent route from A,Mharconaich.			
Previous Path Management: No evidence of previous path management.			
Path Management Constraints: <ul style="list-style-type: none">• SSSI designation• Lack of materials at hand would need to import building stone• Steep slope on section four rules out a machine build after section 3			
Path Condition: <ul style="list-style-type: none">• Lower path is peaty with erosion scars visible on steeper sections with path spread.• Upper path is on harder ground but erosion still visible.			
Recommendations: <ul style="list-style-type: none">• Full machine build on first three sections with imported stone• Light touch techniques applied on last section to summit to prevent further erosion			
Maintenance: Once repaired, on-going maintenance will be required.			
Section 1. 		section 2 	

Section 3



Section 4



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN6257579156
warm,dry	21st July 2013	UL37	A'Mharconaich	Donald Mackenzie	End	NN6048476353

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	1488	NN6257579156	veg	start	1/2	0.60	2.3	0.3	24/5	4	2	3	3	3	3	1	29,760

Built Features

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

Description

evolved line from river to bottom of ridge. Path spread due to poor drainage short steep section near start can be avoided by re-routing path line

2	608	NN6045376544	Veg/Agg.	I.A	1/3	2.10	7.00	0.3	27/6	3	2	3	3	3	3	1	12,160
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Built Features

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

Description

From bottom of ridge to large boulder near pathline.
Gullied at steeper sections. Lack of building stone nearby

3	1604	NN6637877630	Agg.	Boulder	1/1	0.80	3.00	0	23/4	4	4	3	4	4	3	1	32,080
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Built Features

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

Description

From largeboulder to increaced angle before summit. Evolved line on ridge
Machine build recommended with some stonework needed on steep sections

4	251	6045376544	Agg.	I.A	1/2	0.60	1.2	0.2	36/12	4	3	4	4	3	3	0	3,765
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Built Features

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

Description

From increace in angle to the summit cairn. Loose path material will lead to gullyng
Light touch works required. Anchorbars and waterbars.

TOTAL	3951														3	3	77,765
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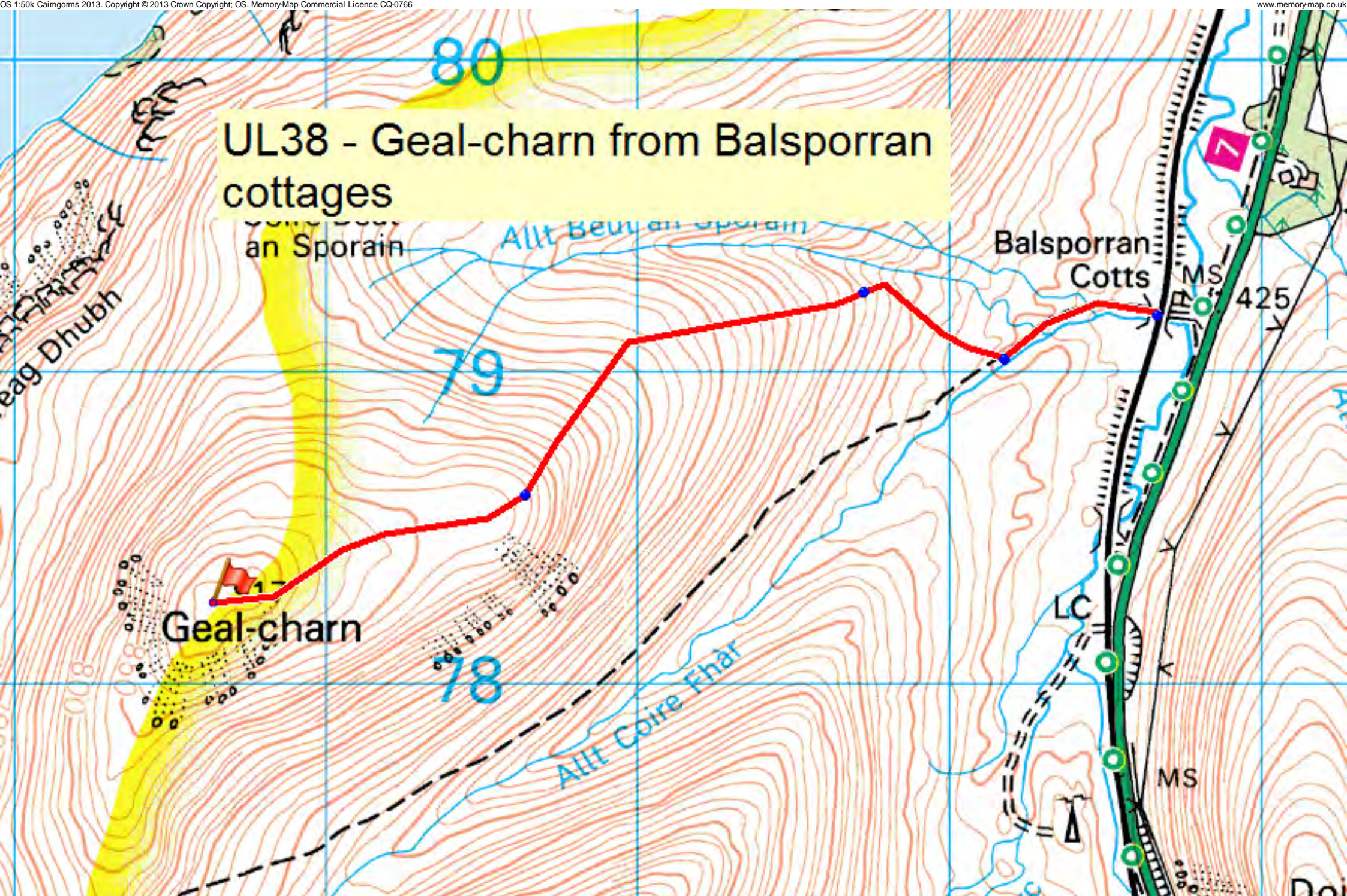
Built Features



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

Description

This route follows the ridge from Balsporran cottages to the summit. No previous work.
Machine techniques suitable for sections 1 -3.

UL38 - Geal-charn from Balsporran cottages



Path Number: UL38	Path Name: Geal-charn from Balsporran cottages	Distance: 3.681km	Location: NN6266879674 to NN5964178252
Landowner: N & S Drumochter	Designations: NP, SSSI, SPA, SAC		Land Management Priorities: Sporting/stewardship
Use: The line follows a recommended return route for hillwalkers accessing Geal-Charn			
Previous Path Management: The estate maintains sections 1 & 2 with recent work evident on section 2.			
Path Management Constraints: <ul style="list-style-type: none">• ATV use will need to be taken into consideration for any future work on section 3.• Lack of building stone near the path line			
Path Condition: <ul style="list-style-type: none">• Erosion and path spread obvious on section 3 which is poorly drained.			
Recommendations: <ul style="list-style-type: none">• Extension of ATV track through section three may prevent further erosion			
Maintenance: Minimal maintenance required on machine built lower sections.			
Section 1. 		section 2 	

Section 3



Section 3



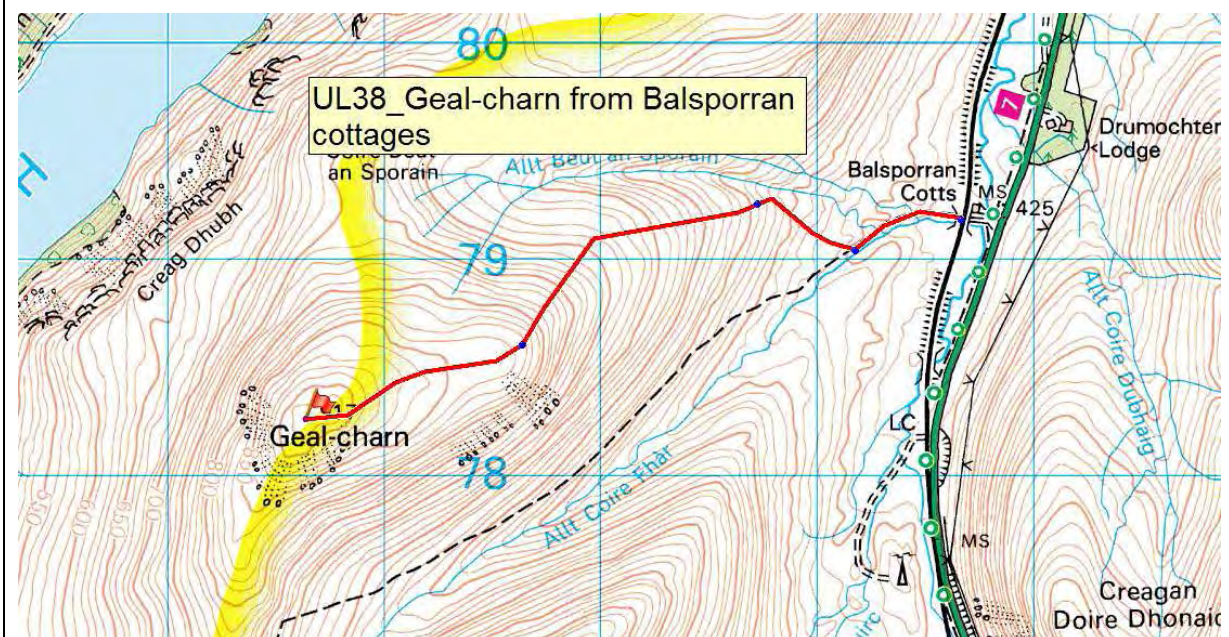
Section 3



Section 4



UL38_ Geal-charn from Balsporran cottages



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN6266879174
warm,dry	21st July 2013	UL38	Geal-charn from Balsporran cottages	Donald Mackenzie	End	NN5964178252

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	548	NN6266879174	Agg.	start	1/0	2.00	0	0	9/15	5	5	5	5	5	5	0	0

Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	2	Agg.	548	Culvert	0	PC	0

Description

estate track to Corrie Fhar. No work required

2	521	NN6217979031	Agg.	junction	1/0	2.00	2.00	0	21/6	4	5	4	4	4	5	0	0
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	4	Agg.	521	Abs	0	Culvert	1

Description

From Junction with Corrie Fhar track. Route continues on a vehicle track
Top section recently repaired with a good camber. No capital works required

3	1429	NN6172779248	Agg/peat	Track ends	1/2	2-8m	15m	0.4	24/5	4	2	3	3	3	2	1	28,580
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Built Features

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

Description

From end of built track. ATV tracks with braids either side
Scar spreading ot wet areas. Any works will need to cosider ATV use

4	1183	NN 6064478596	Agg.	Plateau	1/0	1.20	2	0	13/7	4	5	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

From edge of plateau to summit cairn. Ground becomes firmer with less erosion visible. No work required. Monitor only

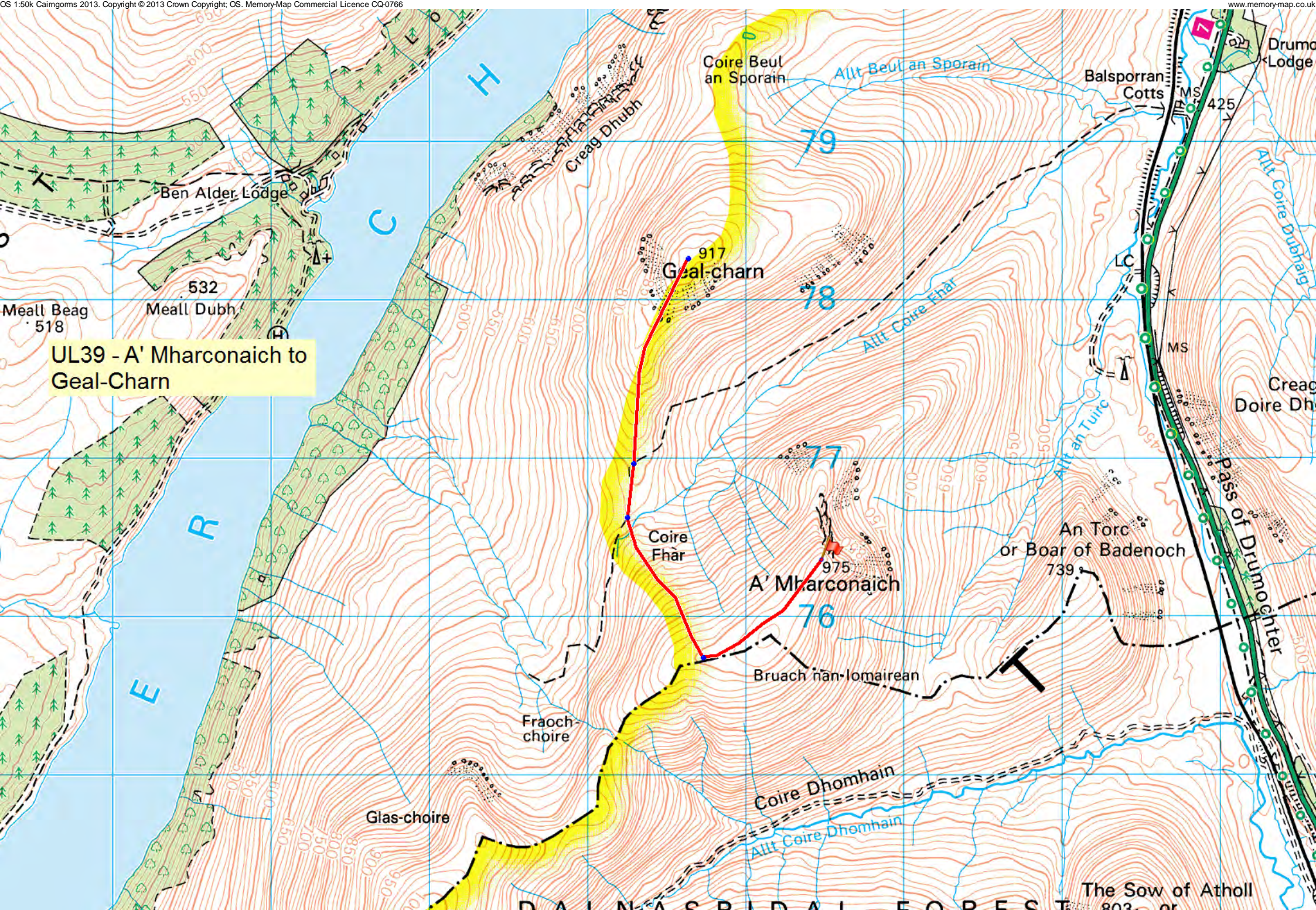
TOTAL	3681														4	1	28,580
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Built Features

XD	0	Pitching	0	SD	0	Revet	0
WB	6	Agg.	1069	Other	0	Other	1

Description

This route follows a well built estate ATV track. Section 3 is in poor condition due to peaty ground. ATV use will need to be taken into consideration when planning any future work.



Path Number: UL39	Path Name: Geal-Charn to A'Mharconaich	Distance: 3.872km	Location: NN5964178251 to NN6048476353
Landowner: N & S Drumochter	Designations: NP, SSSI, SPA, SAC		Land Management Priorities: Sporting/stewardship
Use: The Path follows a recommended for Hill walkers completing a return loop taking in the munro tops of Geal-Charn and A’Mharconaich.			
Previous Path Management: Section two follows an ATV track which is maintained by the estate. The remainder of the route shows no evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none">• High altitude will restrict any work to the summer months			
Path Condition: <ul style="list-style-type: none">• The lower parts of section 1 and also section 3 have erosion scars, especially obvious where the route crossed peaty areas.			
Recommendations: <ul style="list-style-type: none">• Section 1 – robust ‘light touch’ techniques to prevent further damage• Section 2 – No work required• Section 3 – Full build ‘stalkers style path’• Section 4 – No work required			
Maintenance: Once repaired the path will require on-going annual maintenance			
Section 1. 		section 1 	

Section 2



Section 3



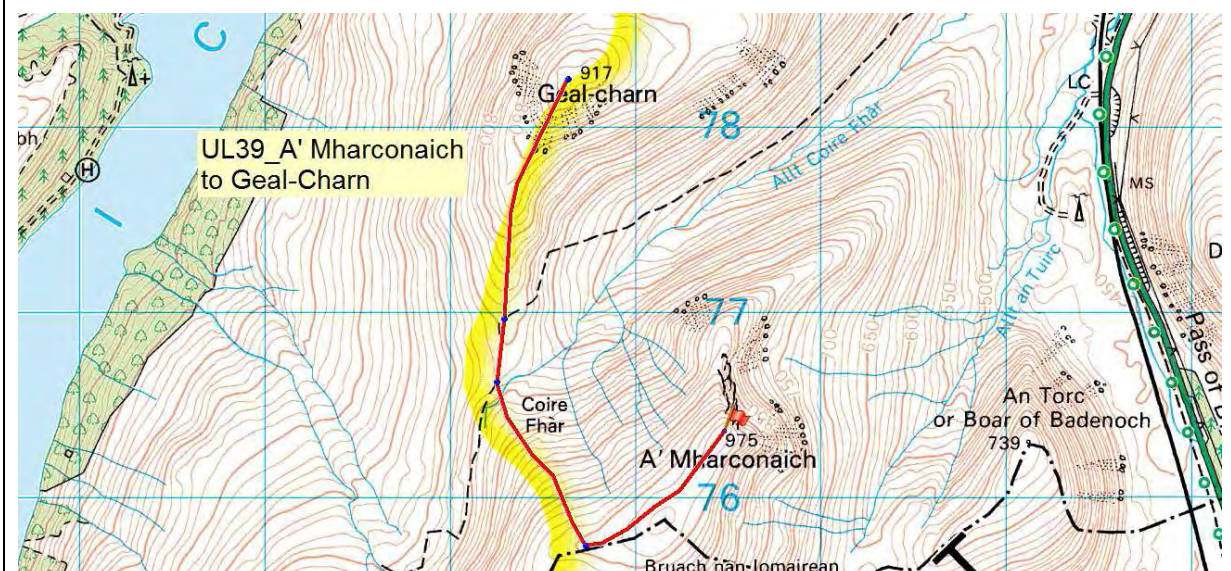
Section 3



Section 4



UL39_ Geal-Charn to A'Mharconaich



Cairngorms Outdoor Access Trust

Weather warm,dry
Date 21st July 2013
Audit No UL39
Path Name 1 Geal-Charn to A'Mharconaich
Surveyor Donald Mackenzie
Start NN5964178251
End NN6048476353

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	1387	NN5964178251	Agg.	Cairn	1/1	1.20	3	0	14/2	3	3	3	3	3	3	1	41,610

Built Features

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

Description

From summit Cairn to Corrie Fhar vehicle track.
Lower part of this section would benefit from light touch techniques to contain path

2	354	NN5929576959	Agg.	Track	1/0	2.00	2.00	0	5/3	4	4	4	4	4	5	0	0
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XD	0	Pitching	0	SD	0	Revet	0
WB	0	Agg.	0	Abs	0	Culvert	0

Description

Short stretch on Corrie Fhar access track
No work required.

3	1102	NN5925676618	Agg.	Junction	1/1	1.20	7.00	0.2	26/7	2	2	3	3	3	3	1	66,120
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Built Features

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

Description

From access track to Plateau. Poor condition with evidence of path spread
Hand - build stalker style path required.

4	1029	NN5973675734	Agg.	Plateau	1/0	1.20	1.8	0	4/11	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

Evolved line along ridge to summit cairn
No work required.

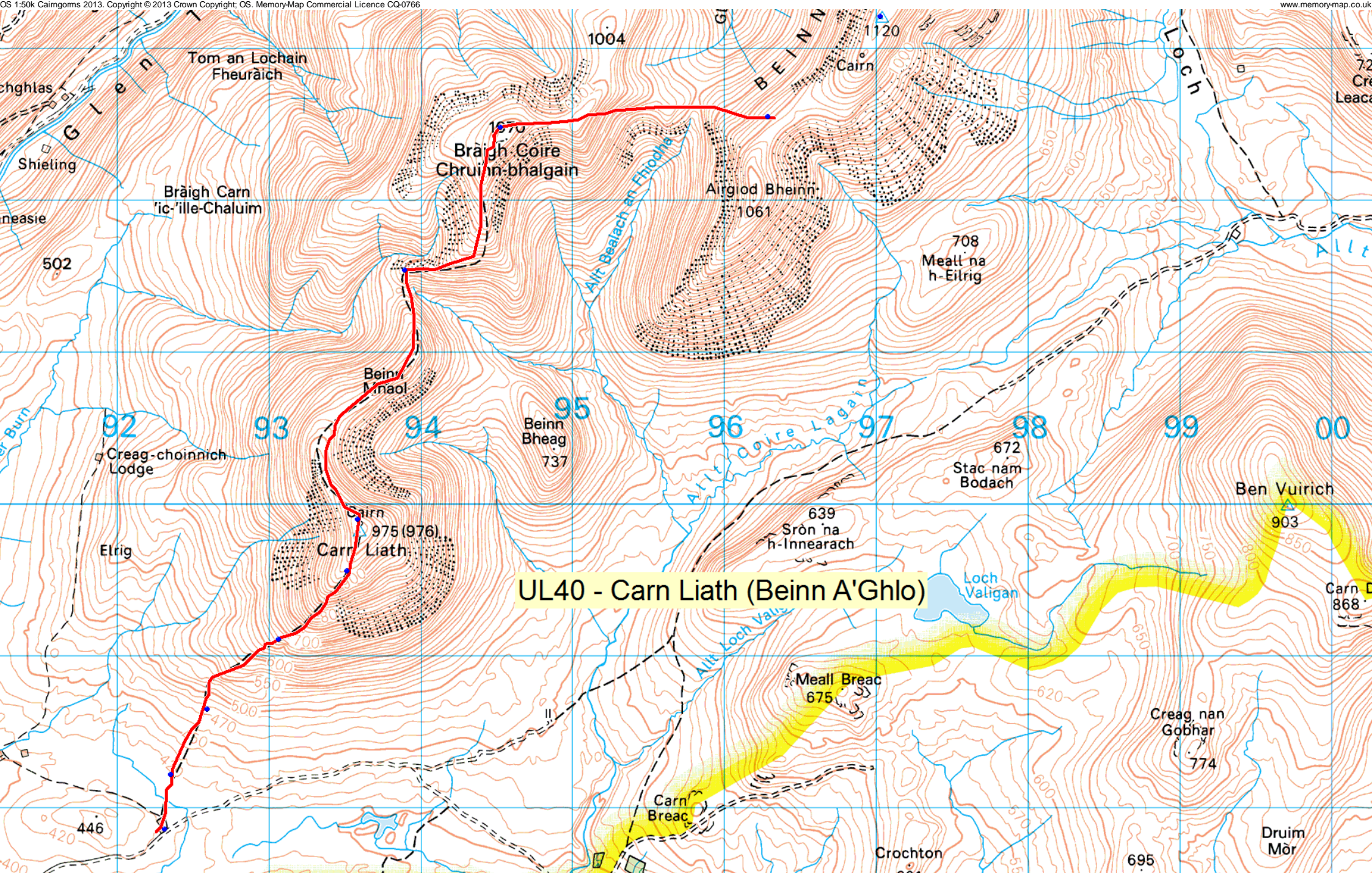
TOTAL	3872														4	2	107,730
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Built Features

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

Description


Route between the two Munro summits. Section 1 would benefit from robust light touch techniques. Section 3 is more of priority requiring full handbuilt path



UL40 - Carn Liath (Beinn A'Ghlo)

Cairngorms Outdoor Access Trust

Path Number: UL40	Path Name: Carn Liath (Beinn A’Ghlo)	Distance: 9.627km	Location: Start: NN 92315 67835 End: NN 96408 72543
Landowner: Lude/Atholl Estates	Designations: SPA, SSSI, SAC		Land Management Priorities: Sporting
Use: Major hillwalking route giving access to the 3 munros on the Beinn A’Ghlo massif. Surrounding slopes are used for sporting activities and lower down for livestock.			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none">Requires 4wd access to start of pathShortage of construction materials, particularly on the approach to Carn LiathRemote systems would be required for work on the summit approach to Braigh Coire Chruinn-bhalgain			
Path Condition: <ul style="list-style-type: none">Steep approach to Carn Liath is in terrible conditionMost of ridge is fairly robust but path in and out of bealach is eroding quite badly			
Recommendations: <ul style="list-style-type: none">Machine build to top of dyke, hand build on Carn Liath with imported stoneRemote system and hand build on approach to 2nd munro			
Maintenance: Fairly high maintenance once work has been completed, and worth keeping a programme of pre-emptives on summit ridge			





Cairngorms Outdoor Access Trust

Weather Clear, Warm, Sunny, Light Wind
Date 13th July 2013
Audit No UL40
Path Name Carn Liath (Beinn A'Ghlo)
Surveyor Dougie Baird
Start NN 92315 67835
End NN 96408 72543

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	340	NN 9231567835	grass/peat	start	2/2	0.60	3	0	3/5	5	1	4	3	3	4	0.5	15,000

Built Features

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

Description

Start of the route is flat and goes across peaty wet ground with hags and channels machine build aggregate 'as dug' techniques, with culverts

2	535	NN 9234368152	Grass/agg	dyke	2/2	0.50	3.00	0.1	6/4	4	3	4	3	3	3	0.5	20,000
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Built Features

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

Description

Path follows dyke on wet peaty ground with some aggregate exposed Machine build path appropriate using 'as dug' material and pipe culverts

3	833	NN 9256068618	Agg/rock	end dyke	1/2	0.80	2.50	0.3	16/10	2	1	2	2	1	2	2	90,000
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Built Features

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

Description

path steepens suddenly on fairly contained ground. Full build (hand build) with c 50% pitching and 50% aggregate.

4	734	NN9306269132	agg/rock	boulder rib	2/4	3.00	7	0.4	22/25	1	2	1	1	1	1	4	90,000
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Built Features

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

Description

steep ascent onto Carn Liath summit, terrible erosion on quartzite slopes, few materials. Full build hand build with extensive stone pitching

5	315	NN 9348069560	cree/bould	cairn	1/3	0.80	3	0.2	4/16	3	5	4	3	3	3	0.5	3,000
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Built Features

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

Description

Broad summit ridge with path spreading. Light touch works only with narrowing and definition work required

6	1880	NN 9358769893	scree/agg	ridge	2/3	2.00	7.00	0.2	7/18	3	4	3	3	1	2	2	5,000
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Built Features

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

Description

light touch work required on this section, with some more intensive works required on the immediate drop down to the bealach

7	1490	NN 93922 71533	Agg.	to march	2/2	1.50	4.00	0.3	21/28	2	3	3	3	2	2	2	35000
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Built Features

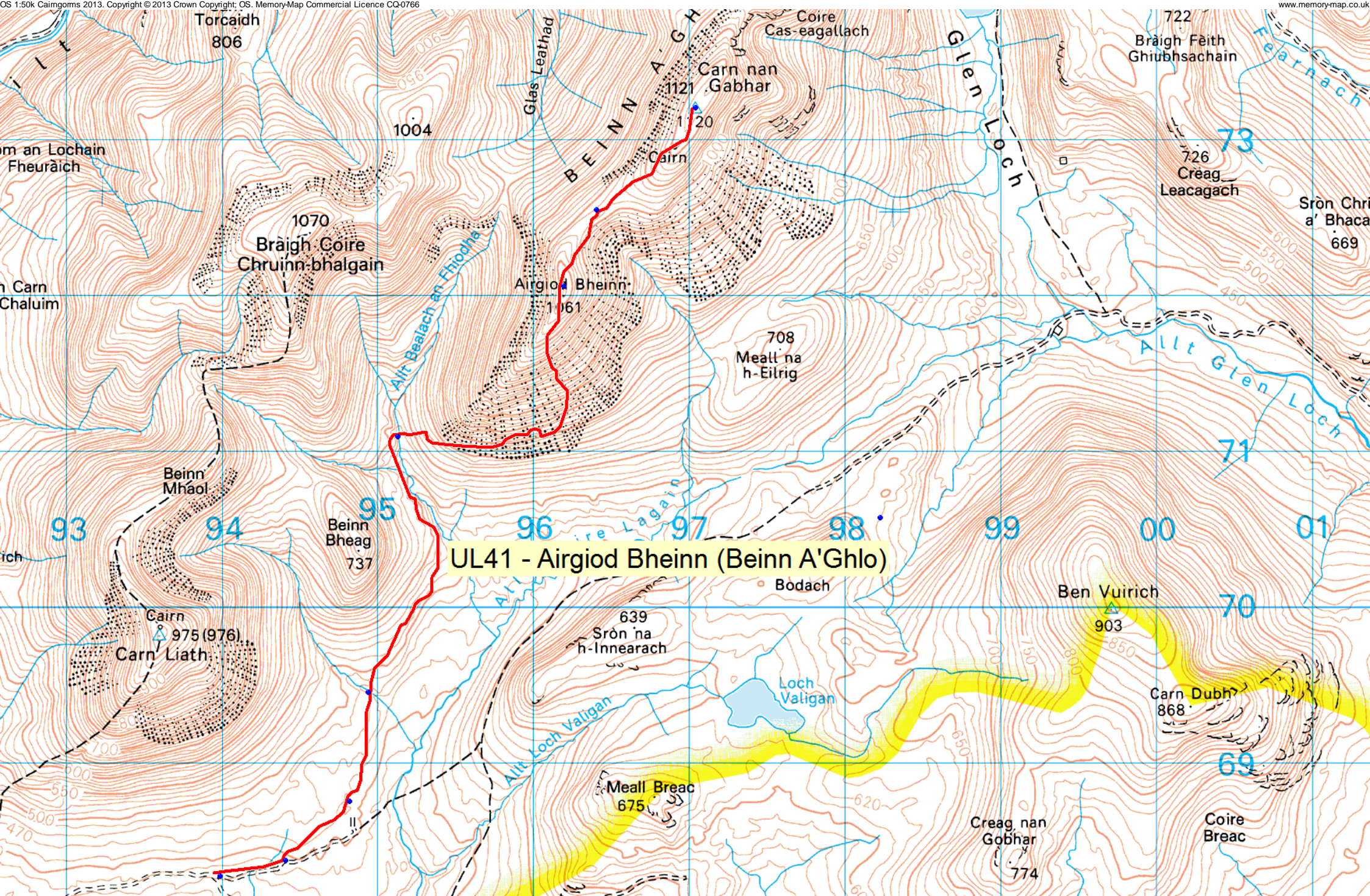
XD		Pitching	0	SD	0	Revet	0
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Description


route from bealach to 2nd munro badly damaged. Remote site though material onsite

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WB		Agg.		0	0	0										
8	2010	NN 94528 72473	Agg.	to march	1/1	1.00	2.00	o	6/9	2	4	4	4	4	4	0	5000	
Built Features									Description									
XD		Pitching		0	SD	0	Revett	0	Route from 2nd Munro onto Argiod Beinn. Light touch works only									
WB		Agg.		0	.....	0	.....	0									
TOTAL	9627			March											1	13.5	298000	
Built Features									Description									
XD		0	Pitching	0	SD	1	Revett	0	Very Badly damaged path on steep approach to Carn Liath. Other heavy damage on the ridge approaching 2nd Munro (remote). No materials!									
WB		0	Agg.	0	Other	2	Other	0										



Cairngorms Outdoor Access Trust

Path Number: UL41	Path Name: Aigiod Bheinn (Beinn A’Ghlo)	Distance: 7.364km	Location: Start: NN 93990 68241 End: NN 96203 72108
Landowner: Lude/Atholl Estates	Designations: SPA, SSSI, SAC		Land Management Priorities: Sporting
Use: Major (predominantly) descent route at one end of the Bheinn A’Ghlo massif, with Aigiod Bheinn giving access to Carn nan Gabhar.			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none">• Requires 4wd access to start of path• Shortage of stone for drainage features• Most of it suitable for machine build ‘hi and dri’. After the major burn crossing light touch works should be used to contain spread on the steep approach to Aigiod Bheinn summit.			
Path Condition: <ul style="list-style-type: none">• Peaty wet and degrading and slowly spreading across the entire length of moorland• Steep path on robust line to summit is beginning to spread and break down• Parallel paths on first sections, and first 3 sections run parallel to the Beinn A’Ghlo (Return) path so may be potential to rationalise			
Recommendations: <ul style="list-style-type: none">• Machine build until the major burn crossing beneath Aigiod Bheinn summit• Light touch only on steep summit approach			
Maintenance: Should be low maintenance once built, with a bit more needed on section up top			
			



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN 9399068241
Hill Fog, light showers	28th August 2013	UL41	Carn Liath (Airgiod Bheinn)	Dougie Baird	End	NN 96203 72108

Section	Length	Grid Ref	Surface Type	Features	Paths/ Braids	Bare Width	Tramp Width	Gully Depth	LG/ XF	Rough-ness	Drain-age	Erosion	Condi-tion	Dyna-mism	Priority	Maint (md/py)	Capital Cost
1	495	NN 93990 68241	Agg.	start	1/0	1.30	1.3	0	4/6	5	4	5	4	4	4	1	4,000

Built Features

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

Description

Old built hill road, requires minor drainage only

2	602	NN 94414 68368	peat/agg	fork	1/1	0.90	1.30	0.3	5/8	3	3	3	3	3	3	1	20,000
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Built Features

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

Description

Path on open moorland, shallow peat and aggregate exposed, widening
Machine built path required

3	807	NN 94827 68744	peat/agg	burn x	1/3	1.30	3.50	0.3	5/7	2	1	3	3	2	2	1	30,000
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Built Features

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

Description

Path on open wet moorland. Eroding and widening
Machine path required

4	1840	NN 94948 69453	peat/agg	burn x	2/6	2.80	1.2	0.3	8/15	2	1	2	2	1	1	1	65,000
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Built Features

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

Description

Badly eroded peat and aggregate path traverses around to burn crossing
Mostly machine build, with some handbuild required where site is too steep

5	2100	NN 95133 71088	peat/agg	Burn x	2/2	0.80	3.5	0.2	18/28	2	2	4	4	3	3	2	15,000
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Built Features

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

Description

Path ascends v steep slope to Airgiod Bheinn. Rought steep and sometimes
confusing alignment. Light touch and pre-emptive works only recommended

6	1520	NO 96198 72053	agg/grass	summit	1/1	0.90	2.20	0	6/28	2	5	5	5	4	4		2,000
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Built Features

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

Description

summit ridge approach to Carn can Gabhar, small pre-emptives only

TOTAL	7,364														2	6	136,000
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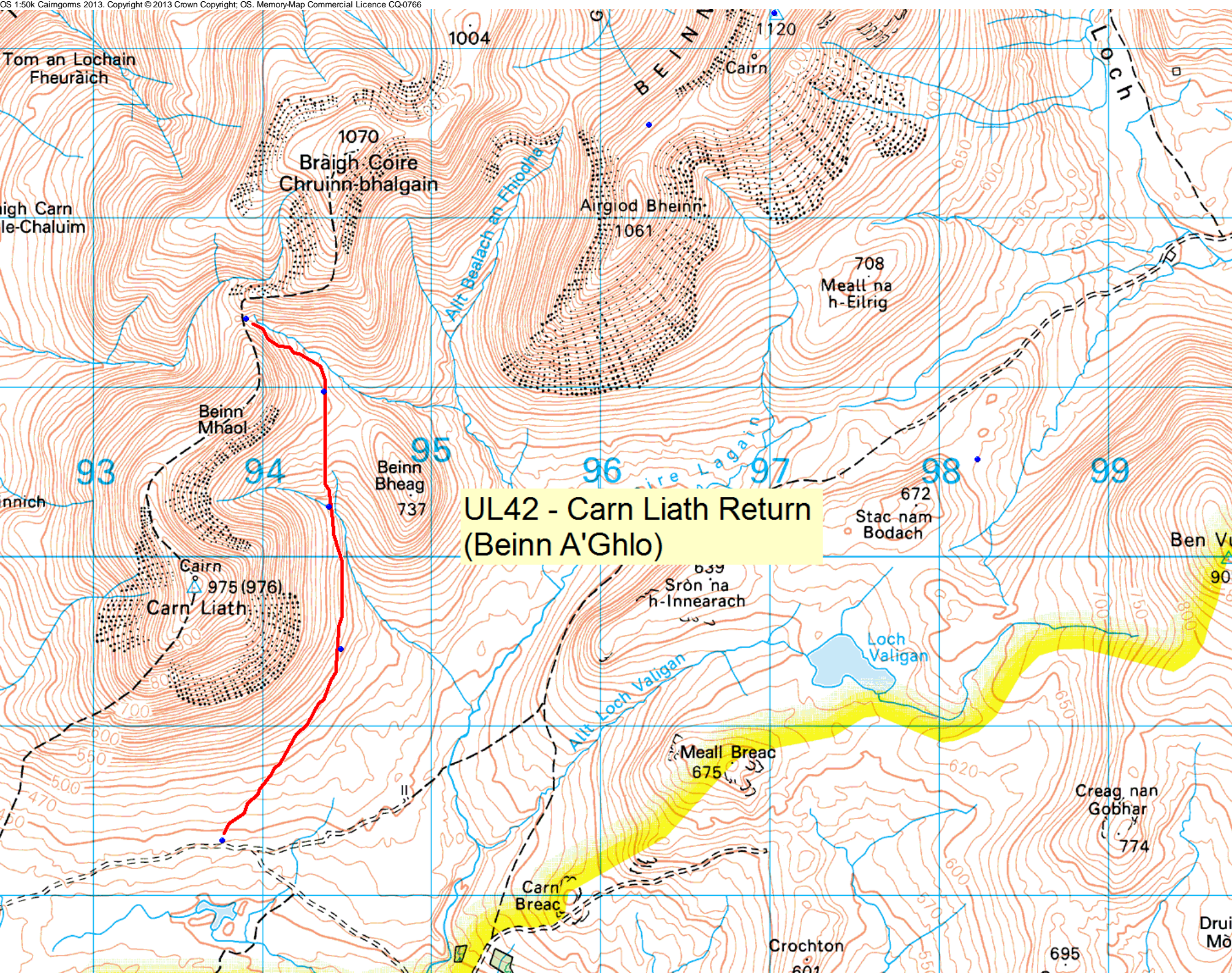
Built Features

Description

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

Return route becoming very badly damaged in weak peat. Mostly machine build and possibility to link with LL40 on last link back to track



UL42 - Carn Liath Return
(Beinn A'Ghlo)

Cairngorms Outdoor Access Trust

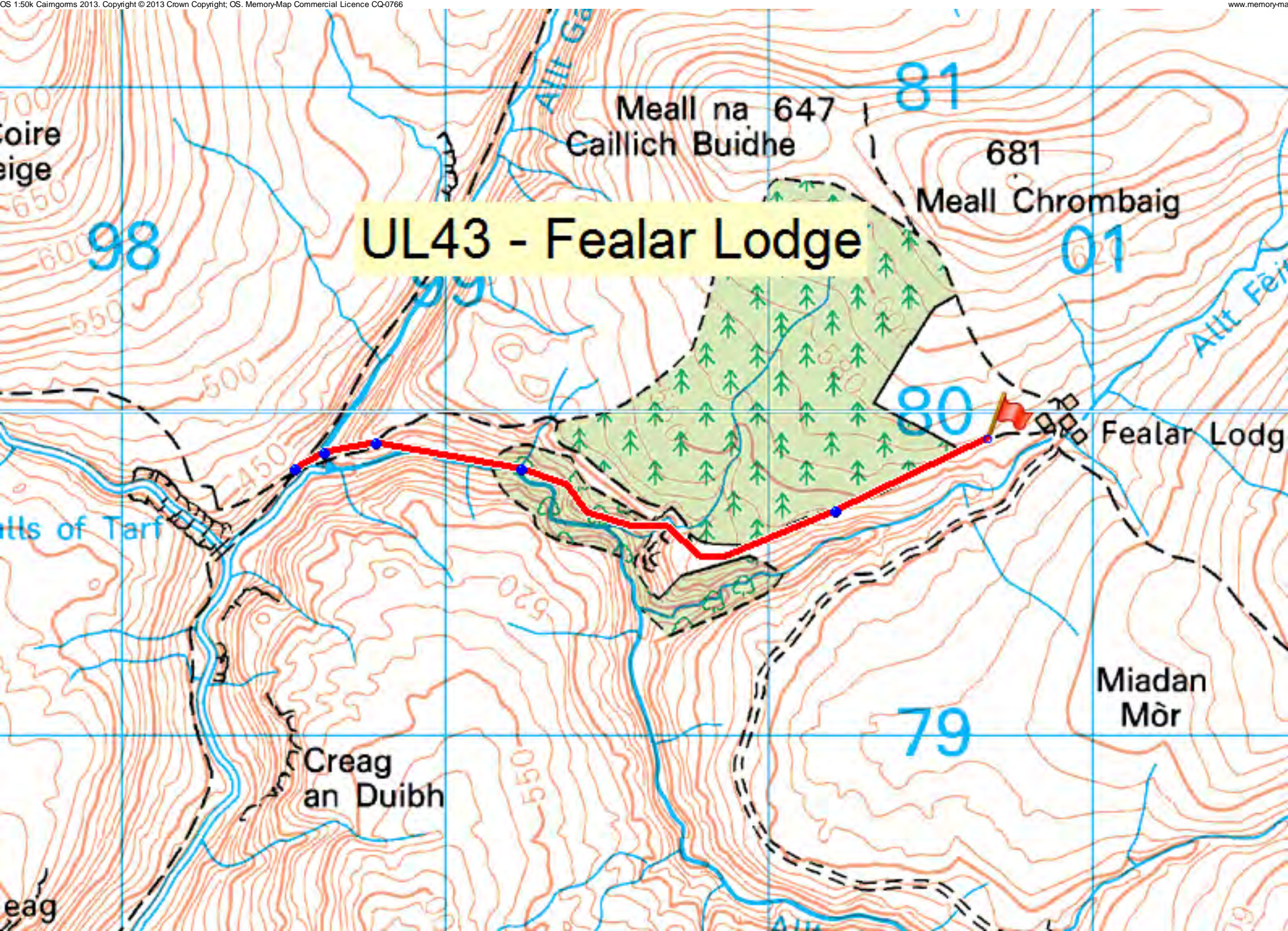
Path Number: UL42	Path Name: Carn Liath Return (Beinn A’Ghlo)	Distance: 3.796km	Location: Start: NN 93732 68336 End: NN 93877 71463
Landowner: Lude/Atholl Estates	Designations: SPA, SSSI, SAC		Land Management Priorities: Sporting
Use: Major descent route for the Bheinn A’Ghlo massif, at approximately mid-point of the ridge. There are 3 main parallel paths, depending on where walkers exit the ridge, and it would be well worthwhile to rationalise			
Previous Path Management: No evidence of previous path management			
Path Management Constraints: <ul style="list-style-type: none">• Requires 4wd access to start of path• Shortage of stone for drainage features• Most of it suitable for machine build ‘hi and dri’ with the top section too steep a cross slope so handbuild only here			
Path Condition: <ul style="list-style-type: none">• Peaty wet and degrading and slowly spreading across entire length• 3 parallel paths that at no point meet! Needs to be rationalised			
Recommendations: <ul style="list-style-type: none">• Machine build until the cross slope prevents access• Hand build the top section to the bealach			
Maintenance: Should be low maintenance once built, with a bit more needed on the handbuilt section up top			
			

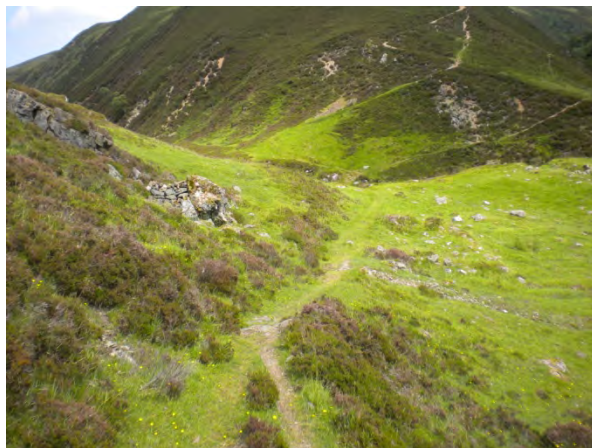



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN 93732 68336
Clear, sunny	13th July 2013	LL42	Carn Liath Return (Beinn A Ghlo)	Dougie Baird	End	NN73854971388

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	1535	NN 93732 68336	Agg.	start	3/4	1.10	3	0.2	7/12	3	3	3	2	2	3	4	45,000
Built Features										Description							
			XD	0	Pitching	0	SD	0	Revet	0	Peaty wet path with at 3 lines spread over the contours. Need rationalised to on built path, machine construction appropriate						
			WB	0	Agg.	0	Pipe C	0	.....	0							
2	867	NN9446369457	Agg/peat	rill/boulder	3/6	1.20	2.80	0.3	8/14	3	2	3	3	2	2	2	25,000
Built Features										Description							
			XD	0	Pitching	0	SD	0	Revet	0	Peaty and eroded path across moor, with heavy build required Machine built path using on site material						
			WB	0	Agg.	0	.....	0	.....	0							
3	699	NN9437870296	Agg/peat	burn	2/2	0.80	2.00	0.2	8/12	3	2	3	3	3	3	1	21,000
Built Features										Description							
			XD		Pitching	0	SD	0	Revet		Path pulls up into glen, feint in places, heavily eroded peat in others. 2 lines here needing consolidated to 1. Machine built path required.						
			WB		Agg.	0	.....	0	.....	0							
4	695	NN9433970954	Agg.	rill/steepxf	1/1	1.20	2.3	0.3	11/18	3	2	3	2	2	2	1	36,000
Built Features										Description							
			XD		Pitching		SD	0	Revet	0	Path contained on steep cross slope, but eroding and gullyng. Site not Site access not enough for machine - handbuilt stalkers style path required						
			WB		Agg.	0	.....	0	.....	0							
TOTAL	3,796														2	8	127,000
Built Features										Description							
			XD	0	Pitching	0	SD	0	Revet	0	Carn Liath Return has 2 clear paths above the burn and 3 below it, which follow their own contours. Rationalisation into one heavy built path line required with feed in critical						
			WB	0	Agg.	0	Other	0	Other	0							



Path Number: UL43	Path Name: Fealar Lodge	Distance: 2.704km	Location: NN9854479815 to NO0068079909
Landowner: Athol estates / Fealar estate	Designations: NP, SAC, SSI		Land Management Priorities: Sporting/stewardship/grazing
Use: Provides a link in a circular route for walks or mountain bikes linking Fealar lodge with the top of Glen Tilt near the falls of Tarff.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none">• Steep cross slopes on section 2 rule out a machine build on this section.• Lack of building stone through the entire path length.			
Path Condition: <ul style="list-style-type: none">• Section 2 is badly eroded and will only worsen in no action is taken• Section 4 is also showing signs of erosion especially where the cross slopes are steepest.			
Recommendations: <ul style="list-style-type: none">• Section 1 – some light touch work including water and anchor bars• Section 2 – full build recommended with 30m of pitching• Sections 3,4 & 5 – Machine build with some short sections of hand build on steeper ground			
Maintenance: Once repaired the path will require annual maintenance, with drains to be cleared and path surface occasionally topped up.			
Section 1 		Section 2 	

Section 2



Section 2



Section 3



Section 4



Section 4



Section 5



Cairngorms Outdoor Access Trust

Weather	Date	Audit No	Path Name	Surveyor	Start	NN9854479815
warm,dry	10th July 2013	UL43	Fealar Lodge	Donald Mackenzie	End	NO00698079909

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	117	NN9854479815	veg	Start	1/0	0.30	1	0.2	14/36	3	3	3	3	3	3	0	

Built Features

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

Description

From start of path to burn crossing. Large stepping stones would be needed for the burn when in spate.

2	201	NN9863179864	Agg.	Burn	1/0	0.70	4.50	0.3	22/33	3	2	2	3	2	2	2	25,000
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	201	Abs	0	Culvert	0

Description

steep climb up from burn onto ridge. Loose material is being washed out of pathline Full build required with 30m of pitching. Lack of stone close to path will be a problem.

3	483	NN9879079896	veg	D.A	1/0	0.30	1.10	0	13/27	5	4	4	4	4	4	0	
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Built Features

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

Description

Evolved line from top of eroded section to fence line. well contained and no sign of path spread. No work required.

4	1257	NN9924479815	veg/agg	stile	1/1	0.30	1.8	0.1	5/13	4	3	3	3	4	3	0	
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Built Features

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

Description

From stile to Gate. Evolved line passes through a couple of wet flushes. path edge giving way on steeper sections.

5	646	NO0021479886	veg	gate	1/0	0.40	0	0	4/11	5	3	5	5	5	5	0	
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Built Features

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

Description

evolved line through several hill parks with grazing sheep. Minimal erosion It would be possible to take a machine through from this end

TOTAL	2704														3	2	25,000
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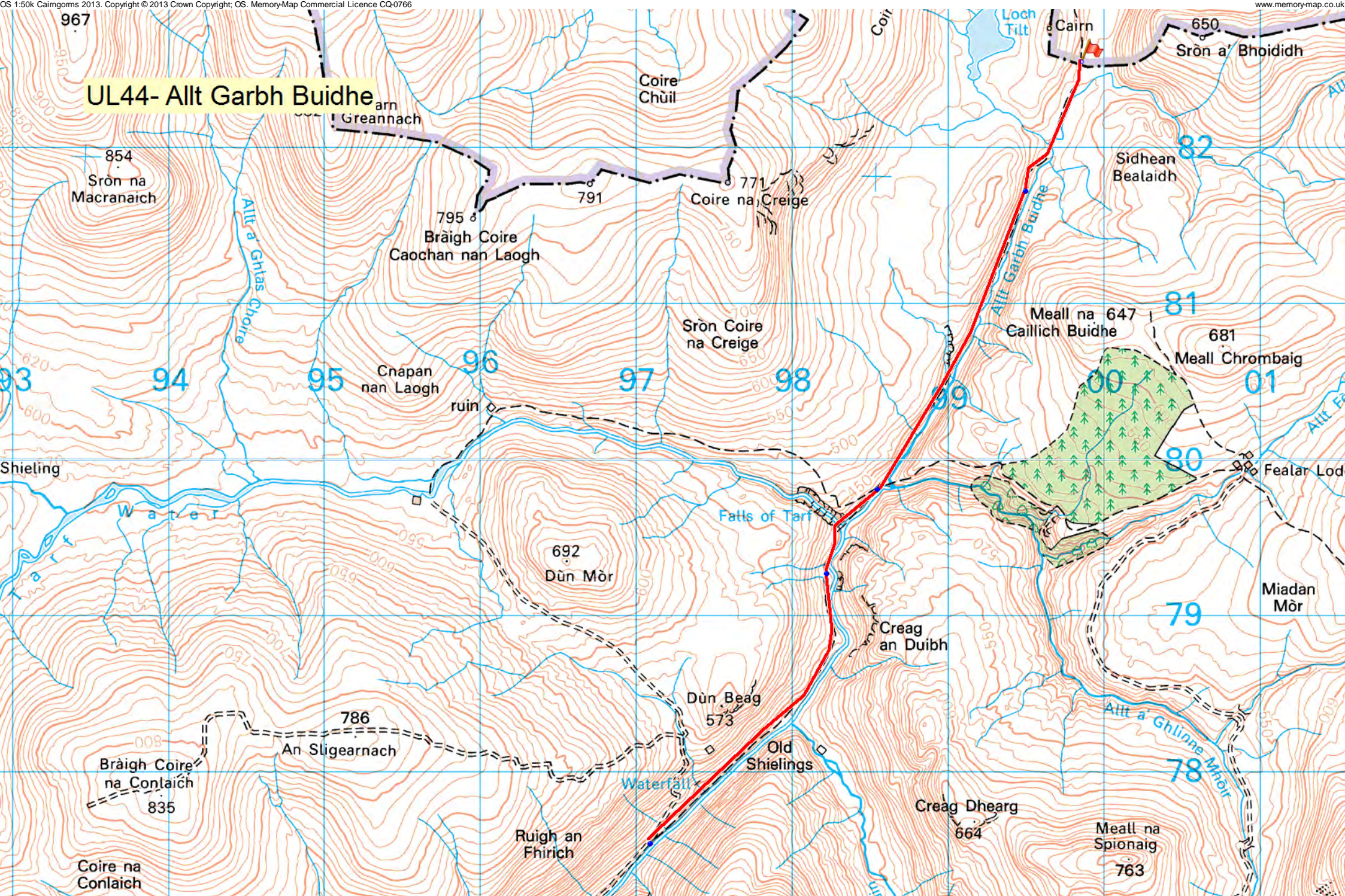
Built Features





XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	201	Other	0	Other	0

Description

Section 2 is the most dynamic and in danger of further erosion. This would require intensive hand build.

UL44- Allt Garbh Buidhe



Path Number: UL44	Path Name: Allt Garbh Buidhe	Distance: 6.329km	Location: NN9709477534 to NN9986382545
Landowner: Athol Estates.	Designations: SSSI, SAC, SPA, NP		Land Management Priorities: Sporting/stewardship/grazing
Use: Moderately used path used as a through route to the Cairngorms form Blair Athol / Glen Tilt. Evidence of Increasing use by mountain bikes.			
Previous Path Management: No previous path management			
Path Management Constraints: <ul style="list-style-type: none">Steep cross slopes on sections 2- 4 rule out a machine build on this section.Lack of building stone on section 4			
Path Condition: <ul style="list-style-type: none">Section 1 is a vehicle track requiring no work.Sections 2 – 4 are well contained by a steep cross slope but have poor drainage throughout.			
Recommendations: <ul style="list-style-type: none">Section 1 – No wok requiredSections 2,3 & 4 – full build ‘stalkers style’ path recommended.			
Maintenance: Once repaired the path will require annual maintenance, with drains to be cleared and path surface occasionally topped up.			
Section 1 		Section 2 	
Section 2 		Section 3 	

Section 3



Section 4



Cairngorms Outdoor Access Trust

Weather warm,dry
Date 10th July 2013
Audit No UL44
Path Name Allt Garbh Buidhe (Glen Tilt)
Surveyor Donald Mackenzie
Start NN9709477534
End NN9986382545

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	2248	NN9709477534	Agg.	Start	1/0	1.90	1.9	0	6/38	4	4	4	4	4	5	0	0

Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	2248	Culvert	1	PC	0

Description

From junction to turning circle. This is a track 1.9m wide
No work required

2	551	NN9822679267	Agg/veg	turning circle	1/0	0.40	1.90	0.2	7/38	3	2	4	3	4	3	2	33,060
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	509	Abs	0	Bridge	1

Description

From turning circle to junction with Fealar lodge path
Needs drainage features and top side ditch - stalkers style

3	2467	NN9855079807	Agg/veg	Junction	1/0	0.90	1.10	0.1	9/37	3	2	4	3	4	4	2	148,020
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	2155	PC	0	Abs	0

Description

From junction to top of glen. Narrow path on steep cross slope. No drainage features
Top side ditch and drainage features needed.

4	1063	NN9950281716	Agg.	increase in x	1/0	0.40	1.5	0	3/12	3	2	4	3	4	4	2	63,780
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg/veg	780	0	0

Description

evolved line up to boundary with Mar Lodge estate. Last 300m very wet.
Lack of building stone will be a problem

TOTAL	6329														4	6	244,860
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Built Features

XD	0	Pitching	0	SD	0	Revett	0
WB	0	Agg.	5692	Other	1	Bridge	1

Description

Sections 2 -4 will require hand built techniques as machine access will not be possible.
Lack of stone on section 4 will be a problem if work is carried out here.

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 gulying below normal ground height to deepest point in path width, followed by maximum depth of gulying 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