	Option 1 - Orange	Option 2 - Orange West	Option 3 - Orange East	Option 4 - Red	Option 5 - Purple	Option 6 - Red / Orange East	Option 7 - Orange / Red	Option 8 - Purple / Red
II.								
Human/Property								
Demolition:	•			ļ				
No.	0	0	1	1	0	1	1	1
Proximity (Cumulative):	•					2		
0-50m	2	3	2	3	2	2	3	3
50-100m	5 (7)	6 (9)	6 (8)	3 (6)	1 (3)	6 (8)	5 (8)	3 (6)
100-200m	13 (20)	7 (16)	14 (22)	11 (17)	7 (10)	11 (19)	10 (18)	9 (15)
200-300m	17 (37)	14 (30)	14 (36)	15 (32)	14 (24)	16 (35)	14 (32)	14 (29)
Land Han								
Land Use	Lass their OFOre and of Continue Village	Lasa than OFOm and of Continue Village	Lass than OFOm each of Castiman Village	Lasa than OFOm and of Continue Village	Lass than OFOm and of Canting Williams	Lang them OFOm another Continue Village	Land then OFOm and of Continue Village	Locathan OFOm and of Continue Village
	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village	Less than 250m east of Cookney Village
	625m from South Cookney	500m from South Cookney	Loss and severance of part of woodland at boundary of Forrester Croft/Limpet Wood	Loss and severance of part of Limpet wood		Loss and severance of part of Limpet wood	Loss and severance of part of woodland at boundary of Forrester Croft/Limpet Wood	Loss and severance of part of Limpet w
	Severance and loss of some woodland	Severance and loss of some woodland			Loss and severance of part of Limpet wood			Within 700m of fishery at Limpet Burn
	(community land) at Forrester's Croft,	(community land) at Forrester's Croft,						
		Limpet Wood and North of Forrester's croft						
	(w windford farm)	(w windford farm)						
					Within 700m of fishery at Limpet Burn			
Length of route passing though:								
Class 3.1 Prime Agricultural (km)	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2
Class 3.2 Other Agricultural (km)	5.4	5.2	5.7	5.3	5.0	5.7	5.7	5.2
Class 4 Other Agricultural (km)	0.6	0.6	1.0	1.2	1.4	0.8	0.9	1.4
Class 5 Other Agricultural (km)	0.8	1.1	0.0	0.1	0.1	0.1	0.0	0.1
Unclassified Non-Agricultural (km)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1		No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and		No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and
	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:
	Limpet Burn (High)	Back Burn (Medium)	Limpet Burn (High)	Limpet Burn (High)	Limpet Burn (High)	Limpet Burn (High)	Limpet Burn (High)	Limpet Burn (High)
to be bridged	Burn of Muchalls (High)	Limpet Burn (High)	Burn of Muchalls (High)	Burn of Muchalls (High)		Burn of Muchalls (High)	Burn of Muchalls (High)	Burn of Muchalls (High) Green Burn (Medium)
		Burn of Muchalls (High)	Green Rurn (Medium)	Green Rurn (Medium)	Burn of Blackbutts (Medium)	Green Rurn (Medium)	Green Burn (Medium)	
		Burn of Muchalls (High)	Green Burn (Medium)	Green Burn (Medium)	Burn of Blackbutts (Medium)	Green Burn (Medium)	Green Burn (Medium)	Green Burn (Medium)
	Outfalls at-		·	<u> </u>	` ′	, ,	, ,	` '
	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:
	Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium)
		Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:
	Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)
	Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:
	Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High)
	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)
Ecology	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at:	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium)
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Ecology	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn . Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality bu Moderate impact significance.
Ecology	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn . Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland,	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality but Moderate impact significance. Limpet long established Woodland,
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Ecology	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet Iong established Woodland, Limpet Burn. High value burn. Major impact significance. Megray Iong established Wood. Moderate Impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet Iong established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn Small but high quality burn. Moderate impact significance. Limpet Iong established Woodland, Limpet Burn. High value burn. Major impact significance. Hilhead of Cowie, other woodland. Moderate Impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet Iong established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn . Small but high quality but Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance.
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Ecology	Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood. Moderate Impact significance. Burn of Muchalls, drains from Red Moss SAC, high value burn with riparian	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood. Moderate Impact significance. Burn of Muchalls, drains from Red Moss	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet Iong established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood. Moderate Impact significance.	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Burn of Muchalls, drains from Red Moss	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn (Medium) Megray Burn Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Hilhead of Cowie, other woodland. Moderate Impact significance. Burn of Muchalls, drains from Red Moss SAC, high value burn with riparian	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn. Small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Burn of Muchalls, drains from Red Moss	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn (Medium) Megray Burn small but high quality burn. Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major impact significance. Megray long established Wood. Moderate Impact significance. Burn of Muchalls, drains from Red Moss	Outfalls at: Megray Burn (Medium) Burn of Muchalls (High) Realignments at: Megray Burn (Medium) Megray Burn Small but high quality but Moderate impact significance. Limpet long established Woodland, Limpet Burn. High value burn. Major

	Option 1 -	Option 2 -	Option 3 -	Option 4 -	Option 5 -	Option 6 -	Option 7 -	Option 8 -
andscape	Orange 1. Megray Open Farmland	Orange West 1. Megray Open Farmland	Orange East 1. Megray Open Farmland	Red 1. Megray Open Farmland	Purple 1. Megray Open Farmland	Red / Orange East 1. Megray Open Farmland	Orange / Red 1. Megray Open Farmland	Purple / Red 1. Megray Open Farmland
пизсире	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)
	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.
			Potential for Mitigation: Consider grading	•		Potential for Mitigation: Consider grading		Potential for Mitigation: Consider
		out the west bank of the cutting to create a	out the west bank of the cutting to create a	out the west bank of the cutting to create a	out the west bank of the cutting to create a	out the west bank of the cutting to create a	out the west bank of the cutting to create a	out the west bank of the cutting to
	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than currently	simpler profile to the landform than
	shown.	shown.	shown	shown.	shown.	shown.	shown	shown.
	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland	2. Kempstone Wooded Farmland
	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)
	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.	Impact:Substantial adverse.
	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading out and	Potential for Mitigation: Grading of
	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partially	the use of drystone walls may partia
	reduce impacts	reduce impacts	reduce impacts	reduce impacts	reduce impacts	reduce impacts	reduce impacts	reduce impacts
	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland	3. Muchalls Open Farmland
	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)
	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.
						Potential for Mitigation: Grading out could		
		be used to blend the route with the	be used to blend the route with the	be used to blend the route with the	be used to blend the route with the	be used to blend the route with the	be used to blend the route with the	be used to blend the route with the
	•	_	landform and areas of existing woodland in	•	-	landform and areas of existing woodland in	~	-
		the west could be extended/ increased to	the west could be extended/ increased to		the west could be extended/ increased to	the west could be extended/ increased to		the west could be extended/ increa
	provide localised screening.	provide localised screening.	provide localised screening.	provide localised screening.	provide localised screening.	provide localised screening.	provide localised screening.	provide localised screening.
	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls	4. Burn of Muchalls
	(High sensitivity)	(High sensitivity)	(High sensitivity)	(High sensitivity)	(High sensitivity)	(High sensitivity)	(High sensitivity)	(High sensitivity)
	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.
	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There may be	Potential for Mitigation: There
	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of existing	the potential to extend areas of exi-
	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.	riparian woodland to aid screening.
	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:
	The angle for the Limpet Burn crossing,	The angle for the Limpet Burn crossing,	The angle for the Limpet Burn crossing and		The crossing angle for the Limpet Burn	The angle for the Limpet Burn crossing is	The angle for the Limpet Burn crossing and	The crossing angle for the Limpet E
	visual containment provided by the ridge at	visual containment provided by the ridge at	visual containment provided by the ridge at	desirable but the point of crossing would	would not be preferable and the loss of high	desirable but the point of crossing would	visual containment provided by the ridge at	would not be preferable and the los
		Kempstone Hill and the landscape pattern	Kempstone Hill would help to reduce the	result in the loss of high value woodland	value woodland would result in further	result in the loss of high value woodland	Kempstone Hill are desirable, however	value woodland and proximity to th
	·	to the north of this area would help to	impacts of this route and, combined with		negative impacts.	and there would be potential impacts upon		Cantlayhills Cairn would result in fu
		reduce the impacts of this route and,	mitigation measures, aid integration with the			the setting of the standing stones and	setting of the standing stones and	negative impacts.
	mitigation measures, aid integration with the		landscape.	Cairnfield area at Kempstone Hill and upon		Cairnfield area at Kempstone Hill.	Cairnfield area at Kempstone Hill and the	
	landscape.	integration with the landscape.		the Cantlayhills Cairn.			Cantlayhills Cairn.	
	The route has the potential to link well with	The route would not fit well with the existing	The route has the potential to link well with	The route would not fit well with the existing	The route would not fit well with the existing	The route has the potential to link well with	The route has the potential to link well with	The route would not fit well with the
	the existing landscape pattern south of	landscape pattern south of Burn of	the existing landscape pattern south of	landscape pattern south of Burn of	landscape pattern south of Burn of	the existing landscape pattern south of	the existing landscape pattern south of	landscape pattern south of Burn of
				Muchalls and extensive embankment would		Burn of Muchalls however some earthworks		Muchalls and extensive embankmer
		be required.	would be required.	be required to sit atop the ridge at Hillocks.		would be required.	embankment would be required to sit atop	
				3			the ridge at Hillocks	
	The crossing angle for the Burn of Muchalls	The crossing angle for the Burn of Muchalls	The crossing angle for the Burn of Muchalls	The crossing angle for the Burn of Muchalls	The crossing angle, and positioning of the	The crossing angle for the Burn of Muchalls	The crossing angle for the Burn of Muchalls	The crossing angle for the Burn of M
	is desirable.	is desirable however the required	is desirable however the loss of high value	would not be preferable and the loss of high				would not be preferable and the loss
				value vegetation adjacent to the burn would			value vegetation adjacent to the burn would	
		a significant adverse impact.	in a further adverse impact.	result in a further adverse impact;	preferable and the requirement for	in a negative impact.	result in a further negative impact.	result in a further negative impact.
		a significant daverse impact.	In a futilor daverse impact.	result in a further develoe impact,	extensive cutting to the north would result	in a negative impact.	result in a farther negative impact.	result in a faither negative impact.
		1			in a further negative impact.			
	All route options have significant negative	All route options have significant negative	All route options have significant negative	All route options have significant negative	All route options have significant negative	All route options have significant negative	All route options have significant negative	All route options have significant neg
	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.	impacts in the vicinity of Cookney.
	impacto in the floring of ecoluloy.	impacto in the vicinity of decimely:	impacto in the vicinity of occursy.	impacto in the vicinity of occursy.	impacto in the floring of cooling.	impacto in the volume of cooliney.	impacto in the vientity of occiding.	impacto in the formity of ecoluley.
Cultural Heritage								
Note: under 'Direct' impacts, the category	Direct - Direct impact on 7 sites in total.						Discot Discot Issue etc. on Coltes	_, , _, ,, _ , _ ,
'None' refers to sites of local status with		Direct - Direct Impacts on 6 sites.	Direct - Direct Impacts on 7 sites.	Direct - Direct Impacts on 8 sites.	Direct - Direct Impacts on 6 sites.	Direct - Direct Impacts on 12 sites.	Direct - Direct impacts on 6 sites.	Direct - Direct Impacts on 7 sites.
	Significance of Impact assessed as:1	Direct - Direct Impacts on 6 sites. Significance of Impact assessed as 1	Direct - Direct Impacts on 7 sites. Significance of Impact assessed as 2	Direct - Direct Impacts on 8 sites. Significance of Impact Assessed as 2 Very	Direct - Direct Impacts on 6 sites. Significance of Impact Assessed as 1	Direct - Direct Impacts on 12 sites. Significance of Impact assessed as 4 Very	Direct - Direct Impacts on 6 sites. Significance of Impact assessed as 2	'
the potential for negligible impact or site of		Significance of Impact assessed as 1	Significance of Impact assessed as 2	Significance of Impact Assessed as 2 Very	Significance of Impact Assessed as 1	Significance of Impact assessed as 4 Very	Significance of Impact assessed as 2	Significance of Impact assessed as
the potential for negligible impact or site of negligible status with the potential for	Significant (Site 8 (Hill of Megray	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray	•		Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray	Significance of Impact assessed as Significant (Site 491 Kempstone Hil
the potential for negligible impact or site of negligible status with the potential for	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38,	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 46,	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill	Significance of Impact assessed as Significant (Site 491 Kempstone Hil Complex), 2 Significant (Site 26 Car
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 46,	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Cal Hills Cairn 1 and Site 27 Cantlay Hil
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Standing Stone 2, Site 19 Kempstone Hill	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor	Significance of Impact assessed as Significant (Site 491 Kempstone Hil Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hil
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Standing Stone 2, Site 19 Kempstone Hill	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hil 2), 2 Site Not Significant (Sites 4 an
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Standing Stone 2, Site 19 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490)	Significance of Impact assessed as Significant (Site 491 Kempstone Hil Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hil 2), 2 Site Not Significant (Sites 4 an
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Standing Stone 2, Site 19 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490)	Significance of Impact assessed as Significant (Site 491 Kempstone Hil Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hil 2), 2 Site Not Significant (Sites 4 an
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the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 'Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16,	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Can Hills Cairn 1 and Site 27 Cantlay Hill: 2), 2 Site Not Significant (Sites 4 and Sites Minor (Sites 411 and 490). Proximity - 6 sites within 150m of the option. 1 Site High Visual Sensitivity
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 'Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 6 sites Low Visual Sensitivity	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills Cairns SAM) and Site 18 Kempstone Hill	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Standing Stone 2, Site 19 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65)	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hill 2), 2 Site Not Significant (Sites 4 an Sites Minor (Sites 411 and 490). Proximity - 6 sites within 150m of the option. 1 Site High Visual Sensitivity Hills Cairns Scheduled Ancient Mon
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 'Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills Cairns SAM) and Site 18 Kempstone Hill Standing Stone), 5 sites Low Visual	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65)	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hill 2), 2 Site Not Significant (Sites 4 and Sites Minor (Sites 411 and 490). Proximity - 6 sites within 150m of the option. 1 Site High Visual Sensitivity Hills Cairns Scheduled Ancient Mon 5 other sites with a Low Visual Sense
the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed	Significant (Site 8 'Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)) , 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 6 sites Low Visual Sensitivity	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills Cairns SAM) and Site 18 Kempstone Hill	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65)	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Can Hills Cairn 1 and Site 27 Cantlay Hill 2), 2 Site Not Significant (Sites 4 and Sites Minor (Sites 411 and 490). Proximity - 6 sites within 150m of the
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Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42 and 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. -300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities	Significance of Impact assessed as Significant (Site 491 Kempstone Hil Complex), 2 Significant (Site 26 Ca Hills Cairn 1 and Site 27 Cantlay Hil 2), 2 Site Not Significant (Sites 4 ar Sites Minor (Sites 411 and 490). 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the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed with HS). Pedestrians etc. Pedestrians Cyclists Equestrians	Significant (Site 8 'Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity (Sites 1,2, 16, 19, 24, 32, 42, 46, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - S of Hill of Muchalls, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 6 sites Low Visual Sensitivity (Sites 1, 16, 19, 24, 36, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - S of Hill of Muchalls, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex)), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low Sensitivity (Sites 1, 16, 19, 42, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills Cairns SAM) and Site 18 Kempstone Hill Standing Stone), 5 sites Low Visual Sensitivity (Sites 1, 26, 30, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with a Low Visual Sensitivity (Sites 1, 26, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42 and 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Efrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Cat Hills Cairn 1 and Site 27 Cantlay Hill 2), 2 Site Not Significant (Sites 4 ar Sites Minor (Sites 411 and 490). 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the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed with HS). Pedestrians etc. Pedestrians Cyclists Equestrians Community Impacts	Significant (Site 8 'Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity (Sites 1,2, 16, 19, 24, 32, 42, 46, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - S of Hill of Muchalls, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). 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Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. -300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). 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the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed with HS). Pedestrians etc. Pedestrians Cyclists Equestrians Community Impacts Disruption due to Construction	Significant (Site 8 'Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 38, 411), 2 Minor (Site 119, 490), 1 None (Site 67) Proximity - 10 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 9 Site Low Visual Sensitivity (Sites 1,2, 16, 19, 24, 32, 42, 46, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - S of Hill of Muchalls, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East Refer to Earthworks and Property Proximity.	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Significance of Impact assessed as 1 Significant ((Site 8 (Hill of Megray Earthwork)), 3 Not Significant (Sites 4, 46, 67) and 2 Minor Impacts (Sites 411 and 490). Proximity - 7 sites within 150m. 1 site High Visual Sensitivity (Site 491 Kempstone Hill Complex), 6 sites Low Visual Sensitivity (Sites 1, 16, 19, 24, 36, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - S of Hill of Muchalls, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact assessed as 2 Significant (Site 8 (Hill of Megray Earthwork) and Site 491 (Kempstone Hill Complex), 3 as Not Significant (Sites 4, 37, 45), 2 as Minor (Site 411, 490). Proximity - 5 sites within 150m. 5 sites Low Sensitivity (Sites 1, 16, 19, 42, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. -300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact Assessed as 2 Very Significant (Site 491, Kempstone Hill Complex and Site 19 Kempstone Hill Cairn), 3 Not Significant (Sites 4, 8, 27), 3 Minor (Sites 16, 411 and 490). Proximity - 7 sites within 150m. 2 sites High Visual Sensitivity (Site 28 Cantlay Hills Cairns SAM) and Site 18 Kempstone Hill Standing Stone), 5 sites Low Visual Sensitivity (Sites 1, 26, 30, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact Assessed as 1 Significant (Site 491 Kempstone Hill Complex), 2 Not Significant (Sites 4, 8) and 3 Minor (Sites 67, 411 and 490) Proximity - 3 sites within 150m. 3 sites with a Low Visual Sensitivity (Sites 1, 26, 65). Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact assessed as 4 Very Significant (Site 16 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Banks and Cairns, Site 17 Kempstone Hill Standing Stone (1), Site 18 Kempstone Hill Cairn), 1 Site Significant Impact (Site 491 Kempstone Hill Complex), 5 sites Not Significant impact (Sites 4, 8, 37, 45, 67), 2 Sites Minor Impact (Sites 490, 411) Proximity - 3 sites within 150m of the option with a Low Visual Sensitivity; (Sites 1, 42 and 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Efrick, and - Cookney. - 300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East	Significance of Impact assessed as 2 Significant Impacts (Site 8 Hill of Megray Earthwork and Site 491 Kempstone Hill Complex) and 2 Sites Not Significant Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 4 and 19), 2 Sites Minor Impact (Sites 411 and 490) Proximity - 6 sites within 150m of the option with a Low Visual Sensitivity (Sites 1, 16, 27, 31, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cycle Network at: - Burnside, - S of Elrick, and - Cookney. -300m of Cookney Community Parish Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from communities to the East Refer to Earthworks and Property Proximity.	Significance of Impact assessed as Significant (Site 491 Kempstone Hill Complex), 2 Significant (Site 26 Car Hills Cairn 1 and Site 27 Cantlay Hil 2), 2 Site Not Significant (Sites 4 an Sites Minor (Sites 411 and 490). Proximity - 6 sites within 150m of th option. 1 Site High Visual Sensitivity Hills Cairns Scheduled Ancient Mon 5 other sites with a Low Visual Sens (1, 19, 30, 48, 65) Dissection of path at Hill of Megray Dissection of National / Regional Cy Network at: - Surmside, - S of Elrick, and - Cookney. - 300m of Cookney Community Pari Church and War Memorial - 250m of Cookney Community Hall - Severance of Cookney from comm to the East

	Option 1 - Orange	Option 2 - Orange West	Option 3 - Orange East	Option 4 - Red	Option 5 - Purple	Option 6 - Red / Orange East	Option 7 - Orange / Red	Option 8 - Purple / Red
ength								
(km)	7.02	7.18	6.84	6.84	7.19	6.89	6.85	6.94
Junctions								
At-grade roundabout	1	1	1	1	1	1 0	1	1
Grade-sep junction	0	0	0	0	0	0	0	0
Horizontal Alignment			N.		N	N	N.	N.
Sub-standard elements	None	None	None	None	None	None	None	None
/ertical Alignment	6% grade on mainline for 328m	6% grade on mainline for 328m	6% grade on mainline for 328m	6% grade on mainline for 310m	6% grade on mainline for 325m	6% grade on mainline for 314m	6% grade on mainline for 329m	6% grade on mainline for 321m
Sub-standard elements	6% grade on mainline for 328m	6% grade on mainline for 328m	6% grade on mainline for 328m	6% grade on mainline for 310m	6% grade on mainline for 325m	6% grade on mainline for 314m	6% grade on mainline for 329m	6% grade on mainline for 321m
	4 000 050 3	4 000 044 3	1.051.010 3	4 700 005 3	0.405.754.3	4 000 004 3	4 704 570 3	4 740 000 3
Acceptable Cut	1,682,658 m ³	1,639,914 m ³	1,654,813 m ³	1,732,335 m ³	2,195,754 m ³	1,832,361 m ³	1,784,570 m ³	1,742,963 m ³
Bulk Fill	581,004 m ³	1,178,800 m ³	523,853 m ³	922,865 m ³	393,121 m ³	497,254 m ³	733,112 m ³	750,471 m ³
Balance	1,101,654 m ³	461,114 m ³	1,130,960 m ³	809,469 m ³	1,802,633 m ³	1,335,107 m ³	1,051,459 m ³	992,492 m ³
tructures								
No of overbridges	4	3	4	3	5	4	3	3
No of underbridges	6	7	6	7	5	6	7	7
No of known culverts	3	4	3	3	3	3	3	3
Jtilities								
Significant impacts on:								
BP Oil Pipelines	0	0	0	0	0	0	0	0
Shell Natural Gas Pipelines	0	0	0	0	0	0	0	0
High Voltage O/H Elec	1	1	1	1	1	1	1	1
High Pressure Gas	0	0	0	0	0	0	0	0
Fibreoptics	1	1	1	1	1	1	1	1
Trunk Water Main	0	0	0	0	0	0	0	0
Proximity to (within 120m):	0.25km	4.051						
BP Oil Pipelines	U.25KM	1.25km						
cheme Cost								
John Cost	+ 0.4%	+ 2.2%	+ 0.0%	+ 3.7%	+ 15.7%	+ 3.5%	+ 4.1%	+ 3.7%
Note:	+ 0.470	+ 2.2 /0	+ 0.0 /0	+ 3.1 /0	+ 13.7 /0	+ 3.3 /0	+ 4.1/0	+ 3.7 %
he cost of each option is presented	 		+	- 			+	
s a percentage greater than the lowest								
ost option within the section.								
boot option within the section.								

		Option 9 - Blue (Jcn 4)	Option 10 - Purple (Jcn 4)	Option 11 - Blue (Jcn 2)	Option 12 - Purple (Jcn 2)	Option 13 - Blue (Jcn 1)	Option 14 - Blue (Jcn 3)	Option 15 - Purple (Jcn 1)	Option 16 - Purple (Jcn 3)
Human	/Property								
	Demolition:								
	No.	1	1	1	0	1	1	0	0
F	Proximity (Cumulative): 0-50m	2	0	1	1	1	1	1	0
	50-100m	9 (11)	6 (6)	7 (8)	4 (5)	8 (9)	12 (13)	3 (4)	9 (9)
	100-200m	39 (50)	25 (31)	44 (52)	28 (33)	31 (40)	43 (56)	16 (20)	25 (34)
	200-300m	32 (82)	37 (68)	16 (68)	24 (57)	17 (57)	18 (74)	24 (44)	26 (60)
Land Us	se	Junction within 300-250m of Craigend	Junction within 250m of Craigend School	Burnhead community within 60-100m of	Burnhead community within 60-100m of	Burnhead within 200-500m of Junction and	Road and Junction within 60-180m of	Burnhead within 200-500m of Junction and	Road and Junction within 60-180m of
		School		Road and Junction	Road and Junction	roads	Burnhead community.	roads	Burnhead community.
		•	Road and junction within 250m of Burnhead	Loss of portion of woodland at Duff's Hill.	Loss of portion of woodland at Duff's Hill.	Loss of portion of woodland at Duff's Hill	Within 600m of Craigend School	Loss of portion of woodland at Duff's Hill	Within 600m of Craigend School
		Community Loss of portion of woodland at Hill of Blairs.	Community Loss of portion of woodland at Hill of Blairs.	Loss of portion of woodland at Greenhowe	Loss of portion of woodland at Greenhowe.	(northern edge) Loss and severance of woodland south of	Loss of portion of woodland at Duff's Hill.	(northern edge) Loss and severance of woodland south of	Loss of portion of woodland at Duff's Hill.
		Loss of portion of woodiand at Till of Blairs.	2033 of portion of woodiand at Tim of Bians.	2033 of portion of woodiand at Greenhowe.	2033 of portion of woodiand at Greenhowe.	Greenhowe	Loss of portion of woodiand at Dun's Fini.	Greenhowe	Loss of portion of woodiand at Dun's Thin
		Withing 650m of The Crossroads	Within 500m of The Crossroads community	Junction within 1km of Craigend School	Junction within 1km of Craigend School	Within 600m of model aircraft recreational	Loss of portion of woodland at Greenhowe.	Would require relocation of model aircraft	Loss of portion of woodland at Greenhov
		community	Coverage of woodland could of	Mithing CEOn of The Casesands	Within FOOm of The Creamands community	field.	Withing CEOm of The Crosswoods	recreational field.	Within 500m of The Crease de communication
		Within 750m of School Hill communty	Severance of woodland south of Auchlunies, northeast of Greenloaning.	Withing 650m of The Crossroads community	Within 500m of The Crossroads community	Within 700m of 'The Crossroads' community	Withing 650m of The Crossroads community	Within 500m of The Crossroads community	Within 500m of The Crossidads commun
		Loss of portion of woodland at Duff's Hill	Loss of portion of woodland at Duff's Hill	Within 750m of School Hill communty	Severance of woodland south of	Within 750m of Craigend School	Within 750m of School Hill communty	Within 750m of Craigend School	Severance of woodland south of
		(northern edge)	(northern edge)		Auchlunies, northeast of Greenloaning.			land and account of any of the allowed	Auchlunies, northeast of Greenloaning.
		Loss of portion of woodland at Greenhowe.	Loss of portion of woodland at Greenhowe.					Loss and severance of part of woodland north of Greenloaning	
Length o	of route passing though:							north of Greenioaning	
C	Class 3.1 Prime Agricultural (km)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Class 3.2 Other Agricultural (km)	2.2	3.5	1.7	3.2	1.3	1.5	2.5	2.7
	Class 4 Other Agricultural (km) Class 5 Other Agricultural (km)	5.3 0.4	3.9 0.7	4.6 0.0	3.4 0.0	5.2 0.0	4.9 0.0	4.2 0.2	4.0 0.0
	Unclassified Non-Agricultural (km)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Geolog	y, Soils, Cont'd Land	Medium sensitivity - Quarry 1 (small to	Medium sensitivity - Quarry 1 (small to	Medium sensitivity - Quarry 1 (small to	Medium sensitivity - Quarry 1 (small to	High sensitivity - the route passes just	Medium sensitivity - Quarry 1 (small to	High sensitivity - the route passes within the	
		medium quarry) possibly backfilled with unknown material. The route passes over	medium quarry) possibly backfilled with unknown material. The route passes over	medium quarry) possibly backfilled with unknown material. The route passes over	medium quarry) possibly backfilled with unknown material. The route passes over	within the south east corner of the peat deposits associated with Hare Moss	medium quarry) possibly backfilled with unknown material. The route passes over	northern limit of the peat deposits associated with Hare Moss (according to	medium quarry) possibly backfilled with unknown material. The route passes ov
		or close to the quarry at the western end of	or close to the quarry at the western end of	or close to the quarry at the western end of	or close to the quarry at the western end of	(according to geological maps). No road	or close to the quarry at the western end of	geological maps). No road cutting is	or close to the quarry at the western en
		a section of road cutting and therefore	a section of road cutting and therefore	a section of road cutting and therefore	a section of road cutting and therefore	cutting is anticipated here and localised	a section of raod cutting and therefore	anticipated here and localised moderate	a section of raod cutting and therefore
		moderate impacts are expected.	moderate impacts are expected.	moderate impacts are expected.	moderate impacts are expected.	moderate impacts are likely related to the	moderate impacts are expected.	impacts are likely related to the removal of	moderate impacts are expected.
						removal of peat below the road line.		peat below the road line.	
		High sensitivity - the route passes just	High sensitivity - the route passes within the	High sensitivity - the route passes just	High sensitivity - the route passes within the	Medium sensitivity - Quarry 1 (small to	High sensitivity - the route passes just	Medium sensitivity - Quarry 1 (small to	High sensitivity - the route passes within
		within the south east corner of the peat	northern limit of the peat deposits	within the south east corner of the peat	northern limit of the peat deposits	medium quarry) possibly backfilled with	within the south east corner of the peat	medium quarry) possibly backfilled with	northern limit of the peat deposits
		deposits associated with Hare Moss	associated with Hare Moss (according to	deposits associated with Hare Moss	associated with Hare Moss (according to	unknown material. The route passes over	deposits associated with Hare Moss	unknown material. The route passes over	associated with Hare Moss (according to
		(according to geological maps). No road	geological maps). No road cutting is	(according to geological maps). No road	geological maps). No road cutting is	or close to the quarry at the western end of	(according to geological maps). No road	or close to the quarry at the western end of	
		cutting is anticipated here and localised moderate impacts are likely related to the	anticipated here and localised moderate impacts are likely related to the removal of	cutting is anticipated here and localised moderate impacts are likely related to the	anticipated here and localised moderate impacts are likely related to the removal of	a section of road cutting and therefore moderate impacts are expected.	cutting is anticipated here and localised moderate impacts are likely related to the	a section of road cutting and therefore moderate impacts are expected.	anticipated here and localised moderate impacts are likely related to the removal of
		removal of peat below the road line.	peat below the road line.	removal of peat below the road line.	peat below the road line.		removal of peat below the road line.	, , , , , , , , , , , , , , , , , , ,	peat below the road line.
		Medium sensitivity - crossing over an area	Medium sensitivity - crossing over an area	Medium sensitivity - crossing over an area	Medium sensitivity - Auchlunnies Quarry	Medium sensitivity - crossing over an area	Medium sensitivity - crossing over an area		Medium sensitivity - Auchlunnies Quarry
		known for private groundwater supply to the		known for private groundwater supply to the		known for private groundwater supply to the			(small to medium quarry) possibly backfill
		west of Hare Moss, around Greenloaning (details to be confirmed by consultation).	Hill of Blairs (details to be confirmed by consultation). Road cutting up to 15m deep		with unknown material. The route passes	west of Hare Moss, around Greenloaning	west of Hare Moss, around Greenloaning (details to be confirmed by consultation).		with unknown material. The route passes
		Road cutting up to 15m deep is anticipated		Road cutting up to 15m deep is anticipated	over or close to the quarry, but no road cuttings in this area and therefore low to	(details to be confirmed by consultation). Road cutting up to 15m deep is anticipated			over or close to the quarry, but no road cuttings in this area and therefore low to
		in this area and therefore the impact is likely		in this area and therefore the impact is likely			in this area and therefore the impact is likely	y	moderate impacts are expected.
		to be moderate.		to be moderate.		to be moderate.	to be moderate.		
		Medium sensitivity - crossing over an area	Medium sensitivity - Cleanhill Wood Quarry						
		known for private groundwater supply near	(medium quarry) possibly backfilled with						
			unknown material. The road and slip roads						
		consultation). Road cutting up to 15m deep is anticipated in this area and therefore the							
		impact is likely to be moderate.	and therefore moderate impacts are						
		•	expected dependant on the nature of the						
		Medium sensitivity - Cleanhill Wood Quarry	hackfill Medium sensitivity - Cleanhill Mill and Pond						
		(medium quarry) possibly backfilled with	possibly backfilled with unknown material.						
		unknown material. The road and slip roads	The road passes through or very close to						
		north west of the proposed junction in the	the pond and mill site in 20m cutting and						
		area extend through the quarry in cutting and therefore moderate impacts are	therefore moderate impacts are expected dependant on the nature of the backfill.						
		expected dependant on the nature of the	, , , , , , , , , , , , , , , , , , , ,						
		hackfill Medium sensitivity - Cleanhill Mill and Pond	Medium sensitivity - northern limit crosses					+	
		possibly backfilled with unknown material.	over an area known for private groundwater						
		The road passes through or very close to	supply associated with alluvial deposits						
		the pond and mill site in 20m cutting and	adjacent to River Dee (details to be						
		therefore moderate impacts are expected dependant on the nature of the backfill.	confirmed by consultation). Road cutting up to 16m deep immediately to the south east						
			of the supplies area and therefore the						
			impact is likely to be moderate.						
		Medium sensitivity - northern limit crosses	Medium sensitivity - Hill of Blairs Quarries						
		over an area known for private groundwater							
		supply associated with alluvial deposits	backfilled with unknown material. The route						
		adjacent to River Dee (details to be	passes over or close to the quarries in a						
		confirmed by consultation). Road cutting up to 16m deep immediately to the south east							
		of the supplies area and therefore the	and onposited.						
Not-::	Quality		No of Wateress Crees - 1 1	No of Wateress Crees - 1 1	No of Wotoroovers Crass and and	No of Wotowood Crossed and	No of Burno Crossed and Completely	No of Watercourses Over 1 and	No of Burno Crossed and Complete
Water G		No of Watercourses Crossed and Sensitivity:	No of Watercourses Crossed and Sensitivity:	No of Watercourses Crossed and Sensitivity:	No of Watercourses Crossed and Sensitivity:	No of Watercourses Crossed and Sensitivity:	No of Burns Crossed and Sensitivity:	No of Watercourses Crossed and Sensitivity:	No of Burns Crossed and Sensitivity:
$\overline{}$		Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Triutary of Loriston Loch (Medium)	Tributary of Loirston Loch (Medium)	Triutary of Loriston Loch (Medium)	Tributary of Loirston Loch (Medium)
		Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)
		River Dee (High)	River Dee (High)			Tributary of Blaikiewell Burn [2 x crossings]		Tributary of Blaikiewell Burn [2 x crossings]	
l l			•	(High)	(High)	(High)	(High)	(High)	(High)

	Option 9 - Blue (Jcn 4)	Option 10 - Purple (Jcn 4)	Option 11 - Blue (Jcn 2)	Option 12 - Purple (Jcn 2)	Option 13 - Blue (Jcn 1)	Option 14 - Blue (Jcn 3)	Option 15 - Purple (Jcn 1)	Option 16 - Purple (Jcn 3)
	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:		Outfalls at:		Outfalls at:
 	Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Tributary of Loriston Loch (Medium)	Outfalls at:	Tributary of Loirston Loch (Medium)	Outfalls at:	Tributary of Loirston Loch (Medium)
	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Burn of Ardoe (Medium)	Triutary of Loriston Loch (Medium)	Burn of Ardoe (Medium)	Triutary of Loriston Loch (Medium)	Burn of Ardoe (Medium)
	River Dee (High)	River Dee (High)	Blaikiewell Burn (High)	Blaikiewell Burn (High)	Burn of Ardoe (Medium)/Hare Moss drainage ditches (High)	Blaikiewell Burn (High)	Burn of Ardoe (Medium)	Blaikiewell Burn (High)
	Poolignments et	Poolignmento et	Paglianmento et	Realignments at:	Blaikiewell Burn (High)	Realignments at:	Blaikiewell Burn (High)	Poolignmente et
	Realignments at: Tributary of Crynoch Burn (High)	Realignments at: Tributary of Crynoch Burn (High)	Realignments at: Tributary of Blaikiewell Burn (High)	Tributary of Blaikiewell Burn (High)	Realignments at:	Tributary of Blaikiewell Burn (High)	Realignments at:	Realignments at: Tributary of Blaikiewell Burn (High)
	Tributary of Cryfloch Burn (Fligh)	Burn of Ardoe (Medium)	Tributary of Blaiklewell Buff (Fligh)	Burn of Ardoe (Medium)	Tributary of Blaikiewell Burn (High)	Tributary of Blaiklewell Burn (Fligh)	Tributary of Blaikiewell Burn (High)	Burn of Ardoe (Medium)
		Dam or riade (Mediam)	1	Tributary of Shanna Burn (Medium)	Tributary of Blandewen Barri (Filgri)		Burn of Ardoe (Medium)	Barri or Arabe (Mediam)
							Tributary of Shanna Burn (Medium)	
Ecology	Kingcausie Wood Long Established Woodland. Major impact significance.	Kingcausie Wood Long Established Woodland. Major impact significance.				Blaikiewell Burn, drains to River Dee SAC. Potential to affect integrity of SAC. Moderate impact significance.		Blaikiewell Burn, drains to River Dee SAC. Potential to affect integrity of SAC Moderate impact significance.
	Cleanhill Wood Long Established Woodland, SESA. Major impact significance.	Cleanhill Wood Long Established Woodland, SESA. Major impact significance.						
	Merchant's Croft Long Established	Merchant's Croft Long Established					-	
	Woodland. Major impact significance	Woodland. Major impact significance						
	Hill of Blairs Long Established	Hill of Blairs Long Established		1				
		Woodland. Moderate impact significance.						
		Greenloaning Wood Long Established Woodland. Major impact significance.		Greenloaning Wood Long Established Woodland. Major impact significance.			Greenloaning Wood Long Established Woodland. Major impact significance.	Greenloaning Wood Long Established Woodland. Major impact significance.
	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).	Hare Moss (Bog and Wet Heath).
		Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat	Valuable degraded lowland bog habitat
	which may be managed towards regeneration. Moderate impact significance.	which may be managed towards regeneration. Moderate impact significance.	which may be managed towards regeneration. Moderate impact significance	which may be managed towards regeneration. Moderate impact significance.	which may be managed towards regeneration. Moderate impact significance	which may be managed towards regeneration. Moderate impact significance.	which may be managed towards regeneration. Moderate impact significance.	which may be managed towards regeneration. Moderate impact significan
	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.	Greenhowe Long Established Woodland. Major impact significance.
Landscape	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland	Loirston Open Farmland
	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)
	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.
	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and	Potential for Mitigation: Regrading and
	reinstatement of drystone walls would help	reinstatement of drystone walls would help	reinstatement of drystone walls would help		reinstatement of drystone walls would help	reinstatement of drystone walls would help	reinstatement of drystone walls would help	reinstatement of drystone walls would he
	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the	to mask the cutting and planting at the
1	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the	proposed A90 junction may reduce the
	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic	impacts of the route, cutting and traffic
	when viewed from the east.	when viewed from the east.	when viewed from the east.	when viewed from the east.	when viewed from the east.	when viewed from the east.	when viewed from the east.	when viewed from the east.
	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland	2. Duff's Hill Wooded Farmland
	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)	(Low sensitivity)
	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.	Impact: Slight to Moderate adverse.
	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding	Potential for Mitigation: Surrounding
	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grade	vegetation may limit the potential to grad
	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is an	out earthworks in the area but there is a
	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement	opportunity to provide replacement
	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.	vegetation to help screen the route.
	3. Haremoss Open Farmland	3. Haremoss Open Farmland	3. Haremoss Open Farmland	3. Haremoss Open Farmland	2. Haremoss Open Farmland	3. Haremoss Open Farmland	2. Haremoss Open Farmland	3. Haremoss Open Farmland
<u> </u>	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)	(Medium to High sensitivity)
	Impact: Moderate to Substantial adverse.	Impact: Moderate to Moderate/Substantial adverse.	impact: Moderate to Substantial adverse.	Impact: Moderate to Moderate/ Substantial adverse	impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial adverse.	Impact: Moderate / Moderate to Substantial adverse.	adverse
	Potential for Mitigation: There is scope to	Potential for Mitigation: There is scope to	Potential for Mitigation: There is scope to		Potential for Mitigation: There is scope to	Potential for Mitigation: There is scope to	Potential for Mitigation: There is scope to	
	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the	grade out the large embankments in the
	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for	area but there is little precedent for
	introducing screening woodland other than	introducing screening woodland other than	introducing screening woodland other than		introducing screening woodland other than	introducing screening woodland other than	introducing screening woodland other than	introducing screening woodland other th
	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scrub.	alongside the area of existing birch scru
	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may	Reinstatement of drystone walls may
	reduce some impacts.	reduce some impacts.	reduce some impacts.	reduce some impacts.	reduce some impacts.	reduce some impacts.	reduce some impacts.	reduce some impacts.
	Auchlunies Wooded Farmland (Medium to High sensitivity)	Auchlunies Wooded Farmland (Medium to High sensitivity)		Auchlunies Wooded Farmland (Medium to High sensitivity)			Auchlunies Wooded Farmland (Medium to High sensitivity)	Auchlunies Wooded Farmland (Medium to High sensitivity)
		Impact: Moderate to Moderate/ Substantial		Impact: Moderate to Moderate/ Substantial			Impact: Moderate adverse.	Impact: Moderate to Moderate/
	adverse.	adverse.		adverse			Potential for Mitigation: There is an	Substantial adverse
	Potential for Mitigation: There is an opportunity to provide replacement	Potential for Mitigation: There is an opportunity to provide replacement	1	Potential for Mitigation: There is an opportunity to provide replacement	1	1	Potential for Mitigation: There is an opportunity to provide replacement	Potential for Mitigation: There is an opportunity to provide replacement
	vegetation to help screen the route.	vegetation to help screen the route.		vegetation to help screen the route.			vegetation to help screen the route.	vegetation to help screen the route.
			Merchant's Croft Open Farmland (Medium to High sensitivity)	5. Merchant's Croft Open Farmland (Medium to High sensitivity)	Merchant's Croft Open Farmland (Medium to High sensitivity)	Merchant's Croft Open Farmland (Medium to High sensitivity)	Merchant's Croft Open Farmland (Medium to High sensitivity)	5. Merchant's Croft Open Farmland (Medium to High sensitivity)
			Impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial adverse.	Impact: Moderate to Substantial advers
			Potential for Mitigation: There is some scope to minimise impacts through grading	Potential for Mitigation: There is some scope to minimise impacts through grading		Potential for Mitigation: There is some scope to minimise impacts through grading	Potential for Mitigation: There is some scope to minimise impacts through grading	Potential for Mitigation: There is some scope to minimise impacts through gradi
	•	i e	out.	out.	out.	out.	out.	out. 6. Craigingles Hill
	5. Craigingles Hill	5. Craigingles Hill		6. Craigingles Hill			15. Craidingles Hill	
	5. Craigingles Hill (Medium to High sensitivity)	5. Craigingles Hill (Medium to High sensitivity)		6. Craigingles Hill (Medium to High sensitivity)			5. Craigingles Hill (Medium to High sensitivity)	(Medium to High sensitivity)
								(Medium to High sensitivity)
	(Medium to High sensitivity)	(Medium to High sensitivity) Impact: Substantial adverse. Potential for Mitigation: There is some		(Medium to High sensitivity)			(Medium to High sensitivity)	(Medium to High sensitivity) Impact: Moderate to Substantial adverse Potential for Mitigation: There is some

		Option 9 - Blue (Jcn 4)	Option 10 - Purple (Jcn 4)	Option 11 - Blue (Jcn 2) Impact: Substantial adverse. Potential for Mitigation: There is limited scope to grade out embankments and	Option 12 - Purple (Jcn 2) Impact: Substantial adverse. Potential for Mitigation: There is limited scope to grade out embankments and	Option 13 - Blue (Jcn 1) Impact: Moderate to Substantial adverse. Potential for Mitigation: There is scope to grade out embankments and the	Option 14 - Blue (Jcn 3) Impact: Moderate to Slight adverse. Potential for Mitigation: There is considerable scope to screen and contain	Option 15 - Purple (Jcn 1) Impact: Moderate to Substantial adverse. Potential for Mitigation: There is scope to grade out embankments and the	Option 16 - Purple (Jcn 3) Impact: Moderate to Slight adverse. Potential for Mitigation: There is considerable scope to screen and contain
				provide planting to screen close views of the route and overbridge from Burnhead cottages.	provide planting to screen close views of the route and overbridge from Burnhead cottages.	reinstatement of drystone walls would help to reduce impacts. Tree belts along severed field boundaries would help to filter views of the route and associated traffic whilst tying-in with the existing landscape.	views and extend planting from Cleanhill Wood to soften the northern edge of the route.	reinstatement of drystone walls would help to reduce impacts. Tree belts along severed field boundaries would help to filter views of the route and associated traffic whilst tying-in with the existing landscape.	views and extend planting from Cleanhill Wood to soften the northern edge of the route.
		Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:
		Impacts would accrue throughout the Haremoss area from required embankment and, while there is some scope to grade out here, potential impacts upon the hydrology of the area could have an impact upon vegetation and landscape character.	Initial impacts arising from the large embankment in the east of the Hare Moss area are outweighed by the good topographical fit elsewhere in the area and the scope to grade out.	Impacts would accrue throughout the Haremoss area from required embankment While there is some scope to grade out here, potential impacts upon the hydrology of the area could have an impact upon vegetation and landscape character.	Initial impacts arising from the large embankment in the east of the Haremoss area are outweighed by the good topographical fit elsewhere in the area and the scope to grade out.			Initial impacts arising from the large embankment in the east of the Haremoss area but good topographical fit elsewhere in the area and the scope to grade out.	Initial impacts arising from the large embankment in the east of the Haremoss area are outweighed by the good topographical fit elsewhere in the area and the scope to grade out.
		This route option would result in significant impacts arising from earthworks in the Merchant's Croft area.	Impacts arising from the loss of mature trees at Auchlunies Estate would require mitigation.	This route option would result in significant impacts arising from earthworks in the Merchant's Croft area.	Impacts arising from the loss of mature trees at Auchlunies Estate would require mitigation.	This route option would result in significant impacts arising from earthworks in the Merchant's Croft area.	This route option would result in significant impacts arising from earthworks in the Merchant's Croft area.	Impacts arising from the loss of mature trees at Auchlunies Estate would require mitigation.	Impacts arising from the loss of mature trees at Auchlunies Estate would require mitigation.
			This route option would result in the lowest impact arising from earthworks in the Merchant's Croft area.		This route option would result in the lowest impact arising from earthworks in the Merchant's Croft area.			This route option would result in the lowest impact arising from earthworks in the Merchant's Croft area.	This route option would result in the lowest impact arising from earthworks in the Merchant's Croft area.
C	tural Heritage								
Cul	Note: under 'Direct' impacts, the category None' refers to sites of local status with the potential for negligible impact or site of negligible status with the potential for negligible to moderate impacts (as agreed with HS).	these impact on 8 sites has been assessed as Not Significant (Sites 129, 139, 141, 145, 155, 156, 160 and 190) on 1 site as Minor (Site 202), on 1 Sites as Unknown (Site 153), and on 2 sites as None (Site 192 and 196). Proximity - 22 sites within 150 of this section. Of these 3 sites have a Medium Visual Sensitivity (Kingcausie House Sundial 1, Category B Listed Building (Site 176)), Kingcausie House Sundial 2, Category (Si), (Site 184),	Medium Visual Sensitivity (Kingcausie House Sundial 1, Category B Listed Building (Site 176)), Kingcausie House Sundial 2, Category C(s), (Site 184), Kingcausie House Category B Listed Building (Site 185) and 15 sites have a Low	Direct - Direct impact on 10 sites in total. Impact on 7 sites has been assessed as Not Significant (Sites 121, 129, 145, 154, 155, 156, 190), on 2 sites as None (Sites 192 and 196) and on Site 153 as unknown. Proximity - 7 sites within 150m of the option with a Low Visual Sensitivity.	Direct - Direct impact on 8 sites in total. Impact on 5 sites have been assessed as Not Significant (Site 121, 145, 156, 187, 190), on 1 site as Minor (Site 159), on 2 sites as None (Sites 192, 196). Proximity - 4 sites with a Low Visual Sensitivity.	sites has been assessed as Not Significant (Sites 129, 154, 155, 190) on one site as Minor (Site 121) on 3 sites as None (Sites 145, 192, 196) and on sites as unknown	Direct - Direct Impact on 12 sites. Impacts have been assessed as 1 Significant (Burnshead Standing Stone Site 120), 8 Not Significant (Suites 121, 122, 129, 145, 154, 155, 156, 190), 1 Unknown (Site 153), 2 None (Sites 192 and 196) Proximity - 7 sites within 150m with Low Visual Sensitivity.	Direct - Direct impact on 8 sites of cultural heritage identified. None of these sites have Statutory Designations. Of these, the impact on Auchlunies House Designed Landscape (Site 187) has been assessed as Significant, on South Of Gordon Dyke (Site 190) as Not Significant, on Blaikiewell Cairns as Minor and on 4 sites (Sites 145, 159, 192 and 196) as None and on Hare Moss Wetland (Site 153 as unknown). Proximity - 5 sites within 150m of the option with Low Visual Sensitivity. None of these sites have Statutory Designations	Significant (Sites 121, 122, 145, 156, 159, 187, 190), 1 unknown (Site 153), 2 sites as none (Sites 192 and 196). Proximity - 4
Ped	Pedestrians Pedestrians	Dissection of path at - Duff's Hill, and - Cleanhill Wood.	Dissection of path at - Duff's Hill, and - Cleanhill Wood.	Dissection of path at Duff's Hill.	Dissection of path at Duff's Hill.	Dissection of path at Duff's Hill.	Dissection of path at Duff's Hill.	Dissection of path at Duff's Hill.	Dissection of path at Duff's Hill.
	Cyclists Equestrians	- Dissection of National / Regional Cycle Network at Greenloaning and Craigend. - Dissection of cycleway at Duff's Hill. Dissection of equestrian route at Duff's Hill.	Dissection of National / Regional Cycle Network at Greenloaning and Craigend. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at: Duff's Hill, and	Dissection of National / Regional Cycle Network at Greenloaning and Burnhead. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at Duff's Hill.	Dissection of National / Regional Cycle Network at Greenloaning and Burnhead. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at: Duff's Hill, and	Dissection of National / Regional Cycle Network at Greenloaning. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at Duff's Hill.	Dissection of National / Regional Cycle Network at Greenloaning and Burnhead. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at Duff's Hill.	Dissection of National / Regional Cycle Network at Greenloaning. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at: Duff's Hill, and	Dissection of National / Regional Cycle Network at Greenloaning and Burnhead. Dissection of cycleway at Duff's Hill. Dissection of equestrian route at: Duff's Hill, and
	Community Effects	Within 250m of Community Hall and School	Within 250m of Community Hall and School	Possible severance between Burnhead and	Possible severance between Burnhead and	Possible severance between Burnhead and	Possible severance between Burnhead and	Possible severance between Burnhead and	Possible severance between Burnhead and
Dis	ruption due to Construction	Refer to Earthworks and Property Proximity.	Refer to Earthworks and Property Proximity	Refer to Earthworks and Property Proximity	r. Refer to Earthworks and Property Proximity.	Refer to Earthworks and Property Proximity.	Refer to Earthworks and Property Proximity	Refer to Earthworks and Property Proximity.	Refer to Earthworks and Property Proximity.
Pol	icies & Plans	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options	No discernible differences between the route options
			·	·	Toute options	·	·	·	·
Ler	gth								
	(km)	7.92	8	6.32	6.56	6.49	6.42	6.76	6.65
	At-grade roundabout Grade-sep junction izontal Alignment	0 1	0 1	0 1	0 1	0 1	1 0	0 1	1 0
ν Vei	Sub-standard elements tical Alignment	None	1 Step Below Des Min (720m Radius) for	None	1 Step Below Des Min (720m Radius) for	None	None	1 Step Below Des Min (720m Radius) for	1 Step Below Des Min (720m Radius) for
Sanes Ear	Sub-standard elements thworks	4.25% grade on mainline for 1305m	4.25% grade on mainline for 1305m	None	None	None	None	None	None
8 2	Acceptable Cut	1,487,203 m ³	1,213,767 m ³	489,246 m ³	241,496 m ³	502,920 m ³	498,247 m ³	230,747 m ³	287,516 m ³
ering	Bulk Fill Balance	1,134,617 m ³ 352,586 m ³	1,400,203 m ³ 186,436 m ³	1,071,705 m ³ 582,460 m ³	1,285,942 m ³ 1,044,446 m ³	1,369,986 m ³ 867,067 m ³	1,052,057 m ³ 553,810 m ³	1,585,580 m ³ 1,354,834 m ³	1,267,817 m ³ 980,300 m ³
<u>ë</u> Str	uctures	2	2					2	
Engine	No of overbridges No of underbridges	3 4	3 4	4 5	4 5	3 4	4 5	3 4	4 5
	No of known culverts ities	5	5	7	7	6	7	6	7
	Significant impacts on:	^	^		^				
	Oil Pipelines Natural Gas Pipelines	0	0	0	0 0	0 0	0 0	0 0	0 0
1	High Voltage O/H Elec	1	1 (1 crossing in slight fill)	1	1 (1 crossing in slight cut)	1	1	1 (1 crossing in slight fill)	1 (1 crossing in slight cut)
 									
	High Pressure Gas Fibreoptics Trunk Water Main	1 (1 crossing in cut) 1	1 1	1 (1 crossing in cut)	1	1 (1 crossing in cut) 1	1 (1 crossing in cut) 1	1 1	1 1

Central Section

	Option 9 - Blue (Jcn 4)	Option 10 - Purple (Jcn 4)	Option 11 - Blue (Jcn 2)	Option 12 - Purple (Jcn 2)	Option 13 - Blue (Jcn 1)	Option 14 - Blue (Jcn 3)	Option 15 - Purple (Jcn 1)	Option 16 - Purple (Jcn 3)
Scheme Cost								
	+ 25.5%	+ 22.6%	+ 0.2%	+ 9.3%	+ 5.5%	+ 0.0%	+ 15.0%	+ 9.8%
Note:								
The cost of each option is presented								
as a percentage greater than the lowest								
cost option within the section.								

		Option 17 - Orange	Option 18 - Blue	Option 19 - Purple	Option 20 - Orange / Purple	Option 21 - Orange / Blue	Option 22 - Blue / Orange	Option 23 - Blue / Purple	Option 24 - Purple / Orange
Human/Property									
Demolition:					+				
Proximity:	No.	17	28	19	14	18	27	24	22
	0-50m	4	3	3	3	3	4	3	4
	50-100m	13 (17)	23 (26)	21 (24)	19 (22)	15 (18)	16 (20)	22 (25)	16 (20)
	00-200m	56 (73)	51 (77)	51 (75)	56 (78)	59 (77)	54 (74)	54 (79)	52 (72)
	00-300m	50 (123)	47 (124)	49 (124)	47 (125)	47 (124)	48 (122)	46 (125)	51 (123)
Land Use		125m of Camphill ition of International School	Within 100m of Camphill Within 100m of the International School	Within 100m of Camphill Within 100m of the International School	Within 125m of Camphill Demolition of International School	Within 125m of Camphill Demolition of International School	Within 100m of Camphill Within 100m of the International School	Within 100m of Camphill Within 100m of the International School	Within 100m of Camphill Within 100m of the International School
	Within	200m of Albyn School Playing fields	Within 350m of Albyn School Playing fields	Within 350m of Albyn School Playing fields	Within 200m of Albyn School Playing fields	Within 200m of Albyn School Playing fields	Within 350m of Albyn School Playing fields	Within 350m of Albyn School Playing fields	Within 350m of Albyn School Playing fiel
	Within	50m of Kippie Lodge (Petroleum	Within 250m of Kippie Lodge (Petroleum	Within 250m of Kippie Lodge (Petroleum	Within 50m of Kippie Lodge (Petroleum	Within 50m of Kippie Lodge (Petroleum	Within 250m of Kippie Lodge (Petroleum	Within 250m of Kippie Lodge (Petroleum	Within 250m of Kippie Lodge (Petroleum
	club)	50m of Upper Beanshill	club) Within 50m of Upper Beanshill	Within 250m of Upper Beanshill	club) Within 50m of Upper Beanshill	club) Within 50m of Upper Beanshill	club) Within 50m of Upper Beanshill	club) Within 50m of Upper Beanshill	club) Within 500m of Upper Beanshill
		250m of Hill of Milltimber	Within 250m of Hill of Milltimber	Within 50m of Hill of Milltimber	Within 250m of Hill of Milltimber	Within 250m of Hill of Milltimber	Within 250m of Hill of Milltimber	Within 250m of Hill of Milltimber	Within 50m of Hill of Milltimber
		250m East Kingsford	Within 250m Grant Kingsford	Within 250m East Kingsford	Within 250m of Fill of Williambel	Within 250m East Kingsford	Within 250m East Kingsford	Within 250m East Kingsford	Within 250m East Kingsford
		ance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West	Severance and loss of portion of West
	Hatton	Wood	Hatton Wood	Hatton Wood	Hatton Wood	Hatton Wood	Hatton Wood	Hatton Wood	Hatton Wood
	Within !	500m of Kingswells	Within 500m of Kingswells	Within 500m of Kingswells Traverse Garinlee Wood (with potential	Within 500m of Kingswells Traverse Garinlee Wood (with potential	Within 500m of Kingswells	Within 500m of Kingswells	Within 500m of Kingswells Traverse Garinlee Wood (with potential	Within 500m of Kingswells
Length of route passing though:				landtake)	landtake)			landtake)	
Class 3.1 Prime Agricultu	. ,	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4
Class 3.2 Other Agricultu		5.2	5.0	5.1	5.8	5.0	5.1	5.2	4.9
Class 4 Other Agricultura		3.1	3.1	3.1	2.9	3.2	3.2	3.1	3.4
Class 5 Other Agricultura Unclassified Non-Agricult		0.4 0.5	0.4 0.4	0.2 0.4	0.2 0.5	0.4 0.5	0.4 0.4	0.2 0.4	0.3 0.4
	arar (mn)		0.4	0.4	0.0	0.0	0.4	0.4	0.4
Geology, Soils, Cont'd Land	Modium	n consitivity, the route pages to the	Medium consitiuity, the route pages to the	Madium consitiuity, the route passes to the	Medium sensitivity - the route passes to the	Modium consitiuity, the route passes to the	Medium consitiuity, the route pages to the	Medium consitiuity, the route passes to the	Madium consitiuity, the route pages to
					,	west of an area of recorded private		Medium sensitivity - the route passes to the	
		f an area of recorded private	west of an area of recorded private groundwater supplies to the north west of	west of an area of recorded private	west of an area of recorded private		west of an area of recorded private	west of an area of recorded private groundwater supplies to the north west of	west of an area of recorded private
		water supplies to the north west of vells (details to be confirmed by	Kingswells (details to be confirmed by	groundwater supplies to the north west of Kingswells (details to be confirmed by	groundwater supplies to the north west of Kingswells (details to be confirmed by	groundwater supplies to the north west of Kingswells (details to be confirmed by	groundwater supplies to the north west of Kingswells (details to be confirmed by	Kingswells (details to be confirmed by	groundwater supplies to the north west Kingswells (details to be confirmed by
		,					consultation). The route involves a cutting	consultation). The route involves a cutting	consultation). The route involves a cutti
		9m deep in this area and moderate		up to 19m deep in this area and moderate		up to 19m deep in this area and moderate	up to 19m deep in this area and moderate	up to 19m deep in this area and moderate	up to 19m deep in this area and modera
		s are possible.	impacts are possible.	impacts are possible.	impacts are possible.	impacts are possible.	impacts are possible.	impacts are possible.	impacts are possible.
	Mediun	n sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes
	through	n the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of	through the eastern part of an area of
	recorde	ed private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies to	recorded private groundwater supplies t
	the wes	st of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be	the west of Kingshill Wood (details to be
	confirm	ned by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route
	involve	s a cutting up to 11m deep in this	involves a cutting up to 15m deep in this	involves a cutting up to 9m deep in this	involves a cutting up to 9m deep in this	involves a cutting up to 16m deep in this	involves a cutting up to 12m deep in this	involves a cutting up to 9m deep in this	involves a cutting up to 11m deep in this
	area ar	nd moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible
	Mediun	n sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes	Medium sensitivity - the route passes
	through	h the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of	through the eastern edge of an area of
	recorde	ed private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies	recorded private groundwater supplies
		east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be	north east of Peterculter (details to be
		ned by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route	confirmed by consultation). The route
		s a cutting up to 19m deep in this	involves a cutting up to 36m deep in this	involves a cutting up to 35m deep in this	involves a cutting up to 19m deep in this	involves a cutting up to 19m deep in this	involves a cutting up to 36m deep in this	involves a cutting up to 36m deep in this	involves a cutting up to 35m deep in this
	area ar	nd moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible.	area and moderate impacts are possible
			Medium sensitivity - former East Silverburn	1			Medium sensitivity - former East Silverburn		Medium sensitivity - former East Silverb
		<u>'</u>	Mill lies very close to the route and there is	1			Mill lies very close to the route and there is		Mill lies very close to the route and there
		<u>'</u>	a short section of road cutting up to 18m deep in this area. Moderate impacts are	1		a short section of road cutting up to 18m deep in this area. Moderate impacts are			a short section of road cutting up to 14r deep in this area. Moderate impacts are
			possible.			possible.	deep in this area. Moderate impacts are possible.		possible.
Water Quality		Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and	No of Watercourses Crossed and
	Sensiti		Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:	Sensitivity:
 		Dee (High) Der Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)	River Dee (High) Milltimber Burn (Medium)
		Burn (Medium)	Ord Burn (Medium)	Beans Burn (Medium)	Beans Burn (Medium)	Beans Burn (Medium)	Beans Burn (Medium)	Beans Burn (Medium)	Beans Burn [2 x crossings] (Medium)
		Burn (Medium) Burn [4 x crossings] (Medium)	Silver Burn [3 x crossings] (Medium)	Upper Beanshill Burn [2 x crossings]	Upper Beanshill Burn (Medium)	Ord Burn (Medium)	Ord Burn (Medium)	Upper Beanshill Burn [2 x crossings]	Silver Burn [3 x crossings] (Medium)
	Silver	The A Grossings (Michigan)	Out of Dutin [O x Grossings] (Medium)	(Medium)	Oppor Dodrismin Dum (Medium)	Silver Burn [3 x crossings] (Medium)	Silver Burn [4 x crossings] (Medium)	(Medium)	Onto: Duri [o x Glossings] (Medidili)
	Outfall		Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:	Outfalls at:
		Dee (High)	River Dee (High)	River Dee (High)	River Dee (High)	River Dee (High)	River Dee (High)	River Dee (High)	River Dee (High)
		ırn (Medium)	Ord Burn (Medium)	Upper Beanshill Burn (Medium)	Upper Beanshill Burn (Medium)	Ord Burn (Medium)	Ord Burn (Medium)	Upper Beanshill Burn (Medium)	Ord Burn (Medium)
		Burn (Medium)	Silver Burn (Medium)	Westholme Burn (Low)	Westholme Burn (Low)	Silver Burn (Medium)	Silver Burn (Medium)	Westholme Burn (Low)	Silver Burn (Medium)
	Westho	olme Burn (Low)	Westholme Burn (Low)	1	+	Westholme Burn (Low)	Westholme Burn (Low)	<u> </u>	Westholme Burn (Low)
	Realigi none	nments at:	Realignments at:	Realignments at:	Realignments at:	Realignments at:	Realignments at:	Realignments at:	Realignments at:
			ARTON OF ACCORDING	And a second Association	INC of Abl			IRR	Moss of Auchlea
		of Auchlea pacts envisaged	Moss of Auchlea No impacts envisaged	Moss of Auchlea No impacts envisaged	Moss of Auchlea No impacts envisaged	Moss of Auchlea No impacts envisaged	Moss of Auchlea Impacts possible	Moss of Auchlea No impacts envisaged	Impacts possible

	Option 17 - Orange	Option 18 - Blue	Option 19 - Purple	Option 20 - Orange / Purple	Option 21 - Orange / Blue	Option 22 - Blue / Orange	Option 23 - Blue / Purple	Option 24 - Purple / Orange
Ecology	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will	River Dee SAC. High value. This will
	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Major impact significance.	require an appropriate assessment. Maj impact significance.
	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.	Deeside Old Railway, DWS. Moderate impact significance.
	Silver Burn Long-Established Woodland. Major impact significance.	Silver Burn Long-Established Woodland. Major impact significance.			Silver Burn Long-Established Woodland. Major impact significance.	Silver Burn Long-Established Woodland. Major impact significance.		Silver Burn Long-Established Woodland. Major impact significance.
	Silver Burn. Major impact significance.	Silver Burn. Major impact significance.	-		Silver Burn. Major impact significance.	Silver Burn. Major impact significance.		Silver Burn. Major impact significance.
	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	Rotten o' Gairn DWS. Major impact	
	significance. Auchlea Moss, DWS. Moderate impact	significance. Auchlea Moss, DWS . Moderate impact	significance. Auchlea Moss, DWS . Moderate impact	significance. Auchlea Moss, DWS. Moderate impact	significance. Auchlea Moss, DWS . Moderate impact	significance. Auchlea Moss, DWS. Moderate impact	significance. Auchlea Moss, DWS. Moderate impact	Auchlea Moss, DWS. Moderate impact
	significance.	significance. Kingshill Long-Established Woodland. High potential for red squirrels and birds. Moderate impact significance.	significance. Gairnlee Long-Established Woodland. High potential for red squirrels and birds. Moderate impact significance.	significance. Gairnlee Long-Established Woodland. High potential for red squirrels and birds. Moderate impact significance.	significance.	significance.	significance. Gairnlee Long-Established Woodland. High potential for red squirrels and birds. Moderate impact significance.	significance.
	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impact significance.	West Hatton Woods DWS. Major impa significance.
Landscape	1. Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)	Dee Valley (High sensitivity)
	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.
	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be
	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the	scope to upfill the area between the
	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and to	proposed route and the existing B979 (subject to geotechnical constraints) and
	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide	plant this area with woodland to provide
	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen	screening from the west. Further screen
	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east of	planting could be introduced to the east
	the route.	the route.	the route.	the route. 2. Milltimber Urban Area	the route. 2. Milltimber Urban Area	the route. 2. Milltimber Urban Area	the route.	the route.
	Milltimber Urban Area Impact: Substantial adverse.	Milltimber Urban Area Impact: Substantial adverse.	Milltimber Urban Area Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Milltimber Urban Area Impact: Substantial adverse.	Milltimber Urban Area Impact: Substantial adverse.
	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: There would be
	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to	scope to provide woodland planting to
	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening	replace that lost and to provide screening
	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimber	either side of the route between Milltimb
	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not be suitable (although the mouth of the cutting	and Peterculter. Grading out would not suitable (although the mouth of the cutti
	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable).	should be softened as far as practicable
	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland	3. Craigton Wooded Farmland
	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)
	Impact: Moderate to substantial adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.
	Potential for Mitigation: There would be	Potential for Mitigation: Scope to grade	Potential for Mitigation: Scope to grade	Potential for Mitigation: There would be	Potential for Mitigation: There would be	Potential for Mitigation: Scope to grade	Potential for Mitigation: Scope to grade	Potential for Mitigation: Scope to grad
	scope to provide woodland planting to	out is limited due to bordering constraints.	out is limited due to bordering constraints.	scope to provide woodland planting to	scope to provide woodland planting to	out is limited due to bordering constraints.	out is limited due to bordering constraints.	out is limited due to bordering constraint
	replace that lost. Grading out could be used where practicable to reduce impacts	Woodland planting could be provided to aid screening and tie-in with the surroundings.	Woodland planting could be provided to aid screening and tie-in with the surroundings.	replace that lost. Grading out could be used where practicable to reduce impacts	replace that lost. Grading out could be used where practicable to reduce impacts	screening and tie-in with the surroundings.	Woodland planting could be provided to aid screening and tie-in with the surroundings.	Woodland planting could be provided to screening and tie-in with the surrounding
	on higher ground.	ger	g and to make the same and the	on higher ground.	on higher ground.	g and an	general general services and services are services and services are services and services and services and services and services are services and services and services and services are services are services and services are se	
	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill	4. Beanshill Hill
	(Medium sensitivity)	(Medium sensitivity) Impact: Moderate to substantial adverse.	(Medium sensitivity) Impact: Moderate adverse.	(Medium sensitivity) Impact: Moderate adverse.	(Medium sensitivity)	(Medium sensitivity) Impact: Moderate to substantial adverse.	(Medium sensitivity) Impact: Moderate adverse.	(Medium sensitivity) Impact: Moderate adverse.
	Impact: Moderate to substantial adverse. Potential for Mitigation: In the south of	Potential for Mitigation: In the south of	Potential for Mitigation: In the south of	Potential for Mitigation: In the south of	Impact: Moderate to substantial adverse. Potential for Mitigation: In the south of	Potential for Mitigation: In the south of	Potential for Mitigation: In the south of	Potential for Mitigation: In the south o
	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used	the area, drystone walls could be used
	along severed field boundaries reduce	along severed field boundaries reduce	along severed field boundaries to reduce	along severed field boundaries to reduce	along severed field boundaries reduce	along severed field boundaries reduce	along severed field boundaries to reduce	along severed field boundaries to reduce
	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape	visual impacts and aid landscape
	integration. Pine woodland should be	integration. Pine woodland should be		integration. It may also be suitable to grade		integration. Pine woodland should be	integration. It may also be suitable to grade	
	reinstated where possible. It may also be suitable to grade out the eastern cutting	reinstated where possible. It may also be suitable to grade out the eastern cutting	out the eastern cutting face crossing the slopes of Beanshill to create a simpler	out the eastern cutting face crossing the slopes of Beanshill to create a simpler	reinstated where possible. It may also be suitable to grade out the eastern cutting	reinstated where possible. It may also be suitable to grade out the eastern cutting	out the eastern cutting face crossing the slopes of Beanshill to create a simpler	out the eastern cutting face crossing the slopes of Beanshill to create a simpler
	face crossing the slopes of Beanshill to	face crossing the slopes of Beanshill to	landform than currently indicated.	landform than currently indicated.	face crossing the slopes of Beanshill to	face crossing the slopes of Beanshill to	landform than currently indicated.	landform than currently indicated.
	create a simpler landform than currently	create a simpler landform than currently		,	create a simpler landform than currently	create a simpler landform than currently	,	1
	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland	5. Broomfold Wooded Farmland
	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)	(Medium to high sensitivity)
	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial adverse.	Impact: Moderate to substantial advers
	Potential for Mitigation: Irregular grading		Potential for Mitigation: Irregular grading	Potential for Mitigation: Irregular grading	Potential for Mitigation: Irregular grading out of embankments could be used in the	Potential for Mitigation: Irregular grading	Potential for Mitigation: Irregular grading out of embankments could be used in the	Potential for Mitigation: Irregular gradi
	out of embankments could be used in the south of this area to reflect the existing	out of embankments could be used in the south of this area to reflect the existing	out of embankments could be used in the south of this area to reflect the existing	out of embankments could be used in the south of this area to reflect the existing	south of this area to reflect the existing	out of embankments could be used in the south of this area to reflect the existing	south of this area to reflect the existing	out of embankments could be used in the south of this area to reflect the existing
	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for	landform and to create wetland areas for
	drainage and habitat creation. The cutting	drainage and habitat creation. The cutting	drainage and habitat creation.	drainage and habitat creation.	drainage and habitat creation. The cutting	drainage and habitat creation. The cutting	drainage and habitat creation.	drainage and habitat creation. The cutti
		t west of East Silverburn could be graded ou		Replacement planting could be provided to		west of East Silverburn could be graded out		west of East Silverburn could be graded
	to remove the small, severed hillock in that area, reducing the potential impact of	to remove the small, severed hillock in that area, reducing the potential impact of	provide screening and aid landscape integration.	provide screening and aid landscape integration.	to remove the small, severed hillock in that area, reducing the potential impact of	to remove the small, severed hillock in that area, reducing the potential impact of	provide screening and aid landscape integration.	to remove the small, severed hillock in the area, reducing the potential impact of
	earthworks in that area. Replacement	earthworks in that area. Replacement			earthworks in that area. Replacement	earthworks in that area. Replacement		earthworks in that area. Replacement
	planting could be provided in the Silverburn	planting could be provided in the Silverburn				planting could be provided in the Silverburn		planting could be provided in the Silverb
	area to provide screening and aid landscape integration.	area to provide screening and aid landscape integration.			area to provide screening and aid landscape integration.	area to provide screening and aid landscape integration.		area to provide screening and aid landscape integration.
 	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill	6. Fifeshill Hill
			las was a second	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)
	(Medium sensitivity)	(Medium sensitivity)	(Medium sensitivity)					
	(Medium sensitivity) Impact: Moderate adverse.	(Medium sensitivity) Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.	Impact: Moderate adverse.
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Potential for Mitigation: Grading out to	Potential for Mitigation: Grading out to	Potential for Mitigaion: Grading out to
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree	Potential for Mitigation: Grading out to merge with the existing landform and tree	Potential for Mitigation: Grading out to merge with the existing landform and tree	Potential for Mitigaion: Grading out to merge with the existing landform and tree
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Impact: Moderate adverse. Potential for Mitigation: Grading out to	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and	Potential for Mitigaion: Grading out to merge with the existing landform and tre
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigaion: Grading out to merge with the existing landform and tre planting on a north-south alignment wou aid integration with the landscape and provide some screening.
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open	Potential for Mitigaion: Grading out to merge with the existing landform and tre planting on a north-south alignment wou aid integration with the landscape and provide some screening. 7. Clinterty/ West Brimmond Open
	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	(Medium sensitivity) Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Impact: Moderate adverse. Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigation: Grading out to merge with the existing landform and tree planting on a north-south alignment would aid integration with the landscape and provide some screening.	Potential for Mitigaion: Grading out to merge with the existing landform and tre planting on a north-south alignment wou aid integration with the landscape and provide some screening.

	Option 17 -	Option 18 -	Option 19 -	Option 20 -	Option 21 -	Option 22 -	Option 23 -	Option 24 -
	Orange	Blue	Purple	Orange / Purple	Orange / Blue	Blue / Orange	Blue / Purple	Purple / Orange
	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting	Potential for Mitigation: Tree planting
	could be provided within severed field	could be provided within severed field	could be provided within severed field	could be provided within severed field	could be provided within severed field	could be provided within severed field	could be provided within severed field	could be provided within severed field
	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north	boundaries to tie-in with that to the north
	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out	and to provide screening. Grading out
	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable to	could be implemented where practicable t
	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.	tie-in with the existing landform.
	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland	8. Kingswells Wooded Farmland
	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)	(Low to medium sensitivity)
	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.	Impact: Substantial adverse.
	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland	Potential for Mitigation: Woodland
	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that	planting could be provided to replace that
	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route and	lost and to help filter views of the route a
	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for	earthworks from Kingswells. Scope for
	grading out would be limited.	grading out would be limited.	grading out would be limited.	grading out would be limited.	grading out would be limited.	grading out would be limited.	grading out would be limited.	grading out would be limited.
	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:	Route Summary:
	Route would have increased visual impacts	Impacts on the setting of Milltimber would	Impacts on the setting of Milltimber would	Route would have increased visual impacts	Route would have increased visual impacts	Impacts on the setting of Milltimber would	Impacts on the setting of Milltimber would	Impacts on the setting of Milltimber would
	on the setting of both Milltimber and	largely be contained by local topography	largely be contained by local topography	on the setting of both Milltimber and	on the setting of both Milltimber and	largely be contained by local topography	largely be contained by local topography	largely be contained by local topography
	Peterculter.	and screening woodland.	and screening woodland;	Peterculter.	Peterculter.	and screening woodland;	and screening woodland;	and screening woodland;
	The alignment through the intimate wooded	The alignment through the intimate wooded	This option would have lower impacts in the	This option would have lower impacts in the	The alignment through the intimate wooded	The alignment through the intimate wooded	This option would have lower impacts in the	This option would have lower impacts in t
	area at Silverburn would have a significant	area at Silverburn would have a significant	vicinity of Beanshill due to its positioning on	vicinity of Beanshill due to its positioning on	area at Silverburn would have a significant	area at Silverburn would have a significant	vicinity of Beanshill due to its positioning on	vicinity of Beanshill due to its positioning
	adverse impact.	adverse impact.	the lower slopes and subsequent reduced	the lower slopes and subsequent reduced	adverse impact;	adverse impact.	the lower slopes and subsequent reduced	the lower slopes and subsequent reduce
	·	'	visibility;	visibility;	, ,	, i	visibility;	visibility;
	The distance between the proposed route	The proximity of the proposed route to	The alignment avoids the intimate wooded	The alignment avoids the intimate wooded	The proximity of the proposed route to	The distance between the proposed route	The alignment avoids the intimate wooded	The alignment through the intimate woods
	and the bulk of visual receptors in the area	visual receptors in the area west of Gairnhill	area at Silverburn:	area at Silverburn:	visual receptors in the area west of Gairnhil	and the bulk of visual receptors in the area		area at Silverburn would have a significal
	west of Gairnhill Woods would result in	Woods would result in significant impacts.	area at Silverburn,	area at Silverburn,	Woods would result in significant impacts.	west of Gairnhill Woods would result in	alea at Silverbuill.	adverse impact.
	lower impacts compared to other routes in	woods would result in significant impacts.			woods would result in significant impacts.	lower impacts compared to other routes in		auverse impact.
	this area.					this area.		
	tills area.					ilis alea.		
			The proximity of the proposed route to the	The proximity of the proposed route to the			The proximity of the proposed route to the	The distance between the proposed rout
			bulk of visual receptors in the area west of	· ·			bulk of visual receptors in the area west of	and the bulk of visual receptors in the ar
			Gairnhill Woods and the woodland paths	Gairnhill Woods and the woodland paths			Gairnhill Woods and the woodland paths	west of Gairnhill Woods would result in
				there would result in the greatest impacts in			there would result in the greatest impacts in	
			this area.	this area.			this area.	this area.
Cultural Haritana								
Cultural Heritage	Direct Direct impact on 10 sites in takel	Direct Direct impact on 0 cites !- t-t-!	Direct Direct immed on Coites in total	Direct Direct impact on 10 site - 1- 1-1-1	Divert Divertiment on Coltan in total	Divert Divertiment on 11 site: in tatal	Divert Divertiment on Coltes in total	Direct Direct immed on 0 sites in total
Note: under 'Direct' impacts, the category 'None' refers to sites of local status with	Direct - Direct impact on 12 sites in total.	Direct - Direct impact on 8 sites in total.	Direct - Direct impact on 8 sites in total.	Direct - Direct impact on 12 sites in total.	Direct - Direct impact on 9 sites in total.	Direct - Direct impact on 11 sites in total.	Direct - Direct impact on 8 sites in total.	Direct - Direct impact on 8 sites in total.
the notantial for negligible impact or site	Significance of Impact assessed as: 1	Significance of Impact assessed as: 2 Not	Significance of Impact assessed as: 2 Not	Significance of Impact assessed as: 1	Significance of Impact assessed as: 2 Not	Significance of Impact assessed as: 1	Significance of Impact assessed as: 2 Not	Significance of Impact assessed as: 3 N
	Significant (Site 360 (North Westfield	Significant (Sites 348, 349), 5 Minor (Sites	Significant (Sites 281, 349), 6 Minor (Sites	Significant (Site 347 (Westfield Farm	Significant (Sites 285, 348), 6 Minor (Site	Significant (Site 360 (North Westfield	Significant (Sites 281, 346), 6 Minor (Site	Significant (Sites 281, 346, 349), 5 Mino
negligible to moderate impacts (as agreed		246, 441, 443, 450, 462), 1 None (Site 387)		Flints)), 4 Not Significant (Sites 270, 285,	246, 349, 441, 443, 450, 462), 1 None (Site		246, 349, 441, 443, 450, 462)	(Sites 246, 441, 443, 450, 462)
with HS).	Significant (Sites 277, 285, 348, 349), 5	Proximity - 43 sites within 150m of the	Proximity - 38 sites within 150m of the	346, 349), 5 Minor (Sites 246, 441, 443,	277)	Significant (Sites 281, 348, 353), 6 Minor	Proximity - 32 sites within 150m of the	Proximity - 36 sites within 150m of the
	Minor (Sites 246, 441, 443, 450, 462), 2	option. 2 High Visual Sensitivity (Site 431,	option. 2 High Visual Sensitivity (Sites 431,	450, 462), 2 None (Sites 277, 429)	Proximity - 44 sites within 150m of the	(Sites 246, 349, 441, 443, 450, 462), 1	option. 2 High Visual Sensitivity (Site 431,	option. 2 High Visual Sensitivity (Site 43
	None (Sites 387, 429)	458 (Friends' Burial Ground, Cloghill	458 (Friends' Burial Ground, Cloghill	Proximity - 44 sites within 150m of the	option. 2 High Visual Sensitivity (Site 431,	None (Site 387)	458 (Friends' Burial Ground, Cloghill	458 (Friends' Burial Ground, Cloghill
	Proximity - 46 sites within 150m of the	House)), 7 Medium Visual Sensitivity (Sites		option. 2 High Visual Sensitivity (Site 431,	458 (Friends' Burial Ground, Cloghill	Proximity - 37 sites within 150m of the		House)), 5 Medium Visual Sensitivity (Si
	option. 2 High Visual Sensitivity (Sites 431,	214, 309, 345, 360, 457, 459, 460), 34 Low	(458 (Friends' Burial Ground, Cloghill	House)), 8 Sites Medium Visual Sensitivity	option. 2 High Visual Sensitivity (Site 431,	214, 457, 459, 460), 26 Low Visual	214, 360, 457, 459, 460), 29 Low Visual
	458 (Friends' Burial Ground, Cloghill	Visual Sensitivity.	Low Visual Sensitivity.	House)), 6 Sites Medium Visual Sensitivity	(Sites 214, 279, 309, 345, 360, 457, 459,	458 (Friends' Burial Ground, Cloghill	Sensitivity.	Sensitivity.
	House)), 7 Medium Visual Sensitivity (Sites			(Sites 214, 279, 360, 457, 459, 460), 36	460), 34 Sites Low Visual Sensitivity.	House)), 6 Medium Visual Sensitivity (Sites		
	214, 279, 309, 345, 457, 459, 460), 37 Low			Site Low Visual Sensitivity.		214, 309, 345, 457, 459, 460), 29 Low		
	Visual Sensitivity.					Visual Sensitivity.		
		1	1					

	Option 17 - Orange	Option 18 - Blue	Option 19 - Purple	Option 20 - Orange / Purple	Option 21 - Orange / Blue	Option 22 - Blue / Orange	Option 23 - Blue / Purple	Option 24 - Purple / Orange
edestrians etc.			L					
Pedestrians	Dissection of 12 paths at:	Dissection of 10 paths at:	Dissection of 9 paths at:	Dissection of 10 paths at:	Dissection of 11 paths at:	Dissection of 11 paths at:	Dissection of 9 paths at:	Dissection of 11 paths at:
	 Old Deeside Line Way, 	 Old Deeside Line Way, 	- Old Deeside Line Way,	 Old Deeside Line Way, 	 Old Deeside Line Way, 	 Old Deeside Line Way, 	- Old Deeside Line Way,	 Old Deeside Line Way,
	- North Deeside Road.	- North Deeside Road.	- North Deeside Road,	- North Deeside Road.	- North Deeside Road,	- North Deeside Road,	- North Deeside Road,	- North Deeside Road,
	- East Lodge,	- East Lodge,	- East Lodge,	- East Lodge,	- East Lodge,	- East Lodge,	- East Lodge,	- East Lodge,
	- Croft House,	0 ,	- Upper Beanshill,			- Upper Beanshill,		
		- Upper Beanshill,		- Croft House,	- Croft House,		- Upper Beanshill,	- Upper Beanshill,
	- Upper Beanshill,	- Silverburn House,	- Backhill,	- Upper Beanshill,	- Upper Beanshill,	- Silverburn House,	- Backhill,	- Silverburn House,
	- Silverburn House,	 Backhill (Kingshill Wood), 	 West Hatton, 	- Backhill,	- Silverburn House,	 Moss of Auchlea, 	 West Hatton, 	 Moss of Auchlea,
	- Moss of Auchlea.	- West Hatton,	- Cloghill,	- West Hatton.	- Backhill (Kingshill Wood),	- Backhill.	- Cloghill,	- Backhill.
	- Backhill,	- Cloghill,	- Fairley, and	- Cloghill,	- West Hatton,	- West Hatton,	- Fairley, and	- West Hatton,
	- West Hatton,	- Fairley, and	- Dykeside.	- Fairley, and	- Cloghill,	- Cloghill,	- Dykeside.	- Cloghill,
	- Cloghill,	- Dykeside.	Possible impact at:	- Dykeside.	- Fairley, and	- Fairley, and	Possible impact at:	- Fairley, and
	- Fairley, and	Possible impact at:	 Fairnlea (E of Silverburn). 	Possible impact at:	- Dykeside.	- Dykeside.	 Fairnlea (E of Silverburn). 	- Dykeside.
	- Dykeside.	- North Westfield.		- Fairnlea (E of Silverburn).	Possible impact at:			
					- North Westfield.			
Cyclists	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:	Dissection of cycleway at:
	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,	- A944 at Kingsford,
	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and 	 North Deeside Road (A93), and
	- Old Deeside Line Way.	 Old Deeside Line Way. 	- Old Deeside Line Way.	 Old Deeside Line Way. 	- Old Deeside Line Way.	- Old Deeside Line Way.	 Old Deeside Line Way. 	 Old Deeside Line Way.
Equestrians	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm	Dunbury Livery & Stud, Cloghill Farm
Community Impacts	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and	- Severance between Milltimber and
Community impacts								
	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially	Peterculter communities (especially
	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police	Peterculter Library, Post Office, Police
	Station)	Station)	Station)	Station)	Station)	Station)	Station)	Station)
	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and	- Severance between Kingswells and
	S S							
	Westhill communities	Westhill communities	Westhill communities	Westhill communities	Westhill communities	Westhill communities	Westhill communities	Westhill communities
	 Loss of International School at Milltimber 	 Within 100m of International School at 	 Within 100m of International School at 	 Loss of International School at Milltimber 	 Loss of International School at Milltimber 	 Within 100m of International School at 	 Within 100m of International School at 	 Within 100m of International School a
	- Less than 250m from Storybook Glen	Milltimber	Milltimber	- Less than 250m from Storybook Glen	- Less than 250m from Storybook Glen	Milltimber	Milltimber	Milltimber
	- Within 125m of Camphil School (W of	- Less than 250m from Storybook Glen	- Less than 250m from Storybook Glen	- Within 125m of Camphil School (W of	- Within 125m of Camphil School (W of	- Less than 250m from Storybook Glen	- Less than 250m from Storybook Glen	- Less than 250m from Storybook Glen
	B979)	- Within 100m of Camphil School (W of	- Within 100m of Camphil School (W of	B979)	B979)	- Within 100m of Camphil School (W of	- Within 100m of Camphil School (W of	- Within 100m of Camphil School (W of
		B979)	B979)	- Less than 500m from East Kingsford Post	 Less than 500m from East Kingsford Post 	B979)	B979)	B979)
	Office (on A944)	- Less than 500m from Deeside Christian	- Less than 500m from Deeside Christian	Office (on A944)	Office (on A944)	- Less than 500m from Deeside Christian	- Less than 500m from Deeside Christian	- Less than 500m from Deeside Christia
	/	Fellowship Church (Binghill Drive)	Fellowship Church (Binghill Drive)	1- 7	- \- '	Fellowship Church (Binghill Drive)	Fellowship Church (Binghill Drive)	Fellowship Church (Binghill Drive)
		,	, , ,					, ,
		 Less than 500m from East Kingsford Post 				 Less than 500m from East Kingsford Post 		
		Office (on A944)	Office (on A944)			Office (on A944)	Office (on A944)	Office (on A944)
		-	<u> </u>	-		<u> </u>	-	
isruption due to Construction								
isruption due to Construction	D () E	D () E () 1	D () E	D. () E 11	D () E	B () E () 1B 1B 1B	500	56.55.4.4.55.55.5
	Refer to Earthworks and Property Proximity.	. Refer to Earthworks and Property Proximity.	. Refer to Earthworks and Property Proximity	. Refer to Earthworks and Property Proximity	. Refer to Earthworks and Property Proximity	. Refer to Earthworks and Property Proximity	Refer to Earthworks and Property Proximity	Refer to Earthworks and Property Proxit
olicies & Plans								
	No discernible differences between the	No discernible differences between the	No discernible differences between the	No discernible differences between the	No discernible differences between the	No discernible differences between the	No discernible differences between the	No discernible differences between the
	varita antiqua	The state of the s	and the second s					
	route options.	route options.	route options.	route options.	route options.	route options.	route options.	route options.
	route options.	route options.	route options.	route options.	route options.	route options.	route options.	route options.
ength			·				·	·
ength (km)	9.24	9.09	9.03	route options. 9.04	route options. 9.15	route options.	route options. 8.99	route options. 9.22
(km)			·	·			·	
(km) unctions	9.24	9.09	9.03	·		9.21	8.99	9.22
(km) unctions At-grade roundabout	9.24	9.09	9.03	9.04	9.15	9.21	8.99	9.22
(km) unctions At-grade roundabout Grade-sep junction	9.24	9.09	9.03	·		9.21	8.99	9.22
(km) unctions At-grade roundabout Grade-sep junction	9.24	9.09	9.03	9.04	9.15	9.21	8.99	9.22
(km) unctions At-grade roundabout Grade-sep junction	9.24	9.09	9.03	9.04	9.15	9.21	8.99	9.22 0 2 (A93, A944)
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment	9,24 0 2 (A93, A944)	9.09 0 2 (A93, A944)	9.03 0 2 (A93, A944)	9.04 0 2 (A93, A944)	9.15 0 2 (A93, A944)	9.21 0 2 (A93, A944)	8.99 0 2 (A93, A944)	9.22 0 2 (A93, A944)
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.09 0 2 (A93, A944)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.15 0 2 (A93, A944)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.09 0 2 (A93, A944)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.15 0 2 (A93, A944)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m	9.09 0 2 (A93, A944) None	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m	9.15 0 2 (A93, A944) None	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C12
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fi 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m
(km) Inctions At-grade roundabout Grade-sep junction Grade-sep junction Sub-standard elements Sub-standard elements Sub-standard elements Cocal Routes Side Road Crossings Diverted/Stopped Up Inctions Diverted/Stopped Up Attributes Diverted/Stopped Up Output Cocal Routes Cocal R	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fi 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1 SR2 between A944 and C127C
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1:
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m ³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m ³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m ³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 685m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2.813,909 m ³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m ³ 757,335 m ³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³ 995,983 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m ³ 984,915 m ³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2,813,909 m³ 770,073 m³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m ³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m ³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m ³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 685m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2.813,909 m ³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance tructures	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m ³ 757,335 m ³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³ 995,983 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C12 SR2 between A944 and C127C 2,813,909 m³ 770,073 m³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m ³ 757,335 m ³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³ 995,983 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m ³ 984,915 m ³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2,813,909 m³ 770,073 m³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance tructures No of overbridges	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m ³ 757,335 m ³	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m ³ 995,983 m ³	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fr 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1 SR2 between A944 and C127C 2,813,909 m³ 770,073 m³
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arithworks Acceptable Cut Bulk Fill Balance tructures No of overbridges No of underbridges	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.982,723 m³ 984,915 m³ 1,997,808 m³ 6 1	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fr 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1 SR2 between A944 and C127C 2,813,909 m³ 770,073 m³ 2,043,836 m³ 7
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements ocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance tructures No of overbridges No of footbridges No of footbridges No of footbridges	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1 1	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7 1	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7 1	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2 1	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7 1 1	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³ 6 1	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2 1	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2.813,909 m³ 770,073 m³ 2,043,836 m³ 7 1
(km) unctions At-grade roundabout Grade-sep junction orizontal Alignment Sub-standard elements ertical Alignment Sub-standard elements cocal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance tructures No of overbridges No of footbridges No of known culverts	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.982,723 m³ 984,915 m³ 1,997,808 m³ 6 1	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2.659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C12 SR2 between A944 and C127C 2,813,909 m³ 770,073 m³ 2,043,836 m³ 7
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(km)	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7 1 1 6 0 0 3 3 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7 1 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2 1 4 0 0 3 (1 crossing in fill) 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7 1 1 7 0 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C
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(km) unctions At-grade roundabout Grade-sep junction Orizontal Alignment Sub-standard elements Sub-standard elements Occal Routes Side Road Crossings Diverted/Stopped Up arthworks Acceptable Cut Bulk Fill Balance Bulk Fill Balance No of overbridges No of underbridges No of underbridges No of footbridges No of known culverts Itilities Significant impacts on: Oil Pipelines High Voltage O/H Elec High Pressure Gas Fibreoptics Trunk Water Main Scottish Water Aqueduct Otte: Incomplete Incomplete	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7 1 1 6 0 0 3 3 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7 1 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2 1 4 0 0 3 (1 crossing in fill) 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7 1 1 7 0 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius fo 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C1: SR2 between A944 and C127C 2,813,909 m³ 770,073 m³ 2,043,836 m³ 7 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)
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(km)	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7 1 1 6 0 0 3 3 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7 1 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2 1 4 0 0 3 (1 crossing in fill) 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7 1 1 7 0 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, C SR2 between A944 and C127C 2,813,909 m³ 770,073 m³ 2,043,836 m³ 7 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)
(km) (km) unctions At-grade roundabout Grade-sep junction Orizontal Alignment Sub-standard elements Sub-standard elements Sub-standard elements Ocal Routes Side Road Crossings Diverted/Stopped Up Diverted/Stopped Up	9.24 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687.277m 6% grade on mainline for 420m 4.5% grade on mainline for 577m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,979,307 m³ 1,041,878 m³ 1,937,429 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.09 0 2 (A93, A944) None 6% grade on mainline for 612m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C, SR2 3,138,003 m³ 757,335 m³ 2,380,668 m³ 7 1 1 6 0 0 3 3 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.03 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 688m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,647,550 m³ 995,983 m³ 1,651,567 m³ 7 1 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.04 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 420m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,619,280 m³ 1,236,459 m³ 1,382,821 m³ 5 2 1 4 0 0 3 (1 crossing in fill) 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.15 0 2 (A93, A944) None 6% grade on mainline for 420m 4.3% grade on mainline for 886m A93, Culter House Rd, Contlaw Rd, C127C SR2 3,143,564 m³ 874,571 m³ 2,268,993 m³ 7 1 1 7 0 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)	9.21 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 687m 6% grade on mainline for 612m 4.5% grade on mainline for 571m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,982,723 m³ 984,915 m³ 1,997,808 m³ 6 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	8.99 0 2 (A93, A944) 1 Step Below Des Min (720m) Radius for 441m 6% grade on mainline for 612m A93, Culter House Rd, Contlaw Rd, C127C SR2 between A944 and C127C 2,659,947 m³ 1,014,651 m³ 1,645,296 m³ 5 2 1 5 0 0 3 (3 crossings in cut) 2 (2 crossings in cut) 2 (2 crossings in cut)	9.22 0 2 (A93, A944) 1 Step Below Des Min (720m) Radiu: 687m 6% grade on mainline for 688m 4.5% grade on mainline for 685m A93, Culter House Rd, Contlaw Rd, G SR2 between A944 and C127C 2,813,909 m³ 770,073 m³ 2,043,836 m³ 7 1 1 8 0 0 3 (3 crossings in cut) 2 (2 crossings in cut)