



Criteria

D02-001



Rules Total Score = Alignment Score (Average of E, F, G, H and I) + Geo Score + Structures Score + Flooding Score (Average of L, M and N) +Utilities score + Constructability Score (Minimum value of P&Q) = Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4 ambers.

Alignment Length Alignment Length 0 50 0 50 100 0 100 150 0 150 200 0 200 250 0 250 300 0	Level Difference 🛒 🕂 👷	Bendiness	Hilliness	Earthworks	Geotechnics	St		Wat	Att						
50 100 0 100 150 0 150 200 0 200 250 0	-1	-1 -1			chnics	Structures	Flood Plain	Watercourse Crossings	Attenuation requirement	Utilities	Construction access	Temp disruption	Total	Adjusted	Comments
100 150 0 150 200 0 200 250 0	-1	-1	-2	0	-1	-1	0	0	0	0	0	-1	-4	-4	Structure likely to be required for tie in to existing A96
150 200 o 200 250 o	-1 0		-2	0	-1	0	0	0	0	0	0	-1	-3	-3	
200 250 0	0	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
		-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
	-4	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	Structure over River Urie and Wood Burn Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route
300 350	-2	-1	-2	0	-2	-3	0	0	0	0	0	-1	-7	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route
350 400	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route Structure over River Urie and Wood Burn. Area of
400 450	-3	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route Structure over River Urie and Wood Burn. Area of
500 550	-3	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route Structure over River Urie and Wood Burn. Area of
550 600	-3	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	compressible ground impact assessed as Major for the struture (700m) and associated geotechnical engineering works. Impact assessed in combination of hillness and bendiness of roate Structure over River Urie and Wood Burn. Area of compressible ground impact assessed as Major for the structure (700m) and associated geotechnical engineering works.
600 650 °	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Impact assessed in combination of hilliness and bendiness of route Structure over River Urie and Wood Burn. Area of compressible ground mapact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness
650 700 0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	of route Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hillness and bendiness
700 750	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	of route Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hillness and bendiness
750 800	-2	-1		0	-2	-3	-3	0	0	0	0	-1	-8	-9	of route Structure over River Urie and Wood Burn. Area of compressible ground impact assessed as Major for the structure (700m) and associated geotechnical engineering works. impact assessed in combination of hilliness and bendiness
800 850	-2	-1		0	-1	-3	-3	0	0	0	0	-1	-/	.9	of route Structure over River Urie and Wood Burn. Area of compressible ground impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness
850 900	-2	-1		0	-1	-3	0	0	0	0	0	-1	-6	-9	of route Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route
900 950	-1	-1		0	0	-3	0	0	0	0	0	-1	-3	.9	of route Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route
950 1000	-1	-1		0	0	-3	0	0	0	0	0	-1	-3	-2	of route Structure over River Urie and Wood Burn. Area of compressible ground Impact assessed as Major for the structure (700m) and associated geotechnical engineering works. Impact assessed in combination of hilliness and bendiness of route
1000 1050 0	-1	-1	-2	0	-1	0	0	0	0	0	0	-1	-3	-3	or route Cutting up to 16.4m (greater than 10m) high in non- identified geotechnical constraint. Impact assessed in combination with hillmess and bendiness of route Cutting up to 16.4m (greater than 10m high in non-
1050 1100 °	-2	-1	-2	0	-1	0	0	0	0	0	0	-1	-3	-3	identified geotechnical constraint. Impact assessed in combination with hilliness and bendliness of route Cutting up to 16.4m (greater than 10m) high in non- identified geotechnical constraint. Impact assessed in
1150 1200 ₀	-2	-1	-2	0	-1	0	0	0	0	0	0	-1	-3	-3	combination with hilliness and bendiness of route Cutting up to 16.4m (greater than 10m) high in non- identified geotechnical constraint. Impact assessed in combination with hilliness and bendiness of route
1200 1250 0	-2	-1	-2	0	-1	0	0	0	0	0	0	-1	-3	-3	compination with minimess and benomess or route Cutting up to 16.4m (greater than 10m) high in non- identified geotechnical constraint. Impact assessed in combination with hilliness and bendiness of route
1250 1300 ₀	-2	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
1300 1350 0 1350 1400 0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2 -2	

D02 Engineering Analyses_ISSUE_02_GIS.xlsx

D02	Engineering	Analyses	ISSUE	02	GIS.xlsx

1400	1450	0	0	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
1450 1500	1500 1550	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
1500	1550	0	-1	-1	-2	0	0	0	0	0	0	0	o	-2	-3	-3	Minor embankment. Impact assessed in combination of hilliness and bendiness. Local disruption due to construction
1550	1600																Minor embankment. Impact assessed in combination of hilliness and bendiness.
1600	1650	0	-1	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor embankment. Impact assessed in combination of hilliness and bendiness.
1650	1700	0	-1	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor embankment.
1700	1750	0	-1	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. Local disruption due to construction
		0	-1	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment. Impact assessed in combination of hilliness and bendiness. Local disruption due to construction
1750	1800	0	-1	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment. Impact assessed in combination of hilliness and bendiness. Local disruption due to construction
1800	1850																Minor embankment. Impact assessed in combination of hilliness and bendiness.
1850	1900	0	-1	-1	-2	0	0	0	0	0	0	0	0	-2 -2	-3 -4	-3 -4	Local disruption due to construction Private Water supply
1900	1950	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction
1950 2000	2000	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction
2000	2030	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction
2100	2150	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction
2150	2200	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction
2200	2250	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	Impact assessed in combination of hilliness and bendiness. local disruption due to construction Impact assessed in combination of hilliness and bendiness.
2250	2300	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction
2300	2350	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Impact assessed in combination of hilliness and bendiness.
2350	2400	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Impact assessed in combination of hilliness and bendiness.
2400	2450	0	0	-1	-2	0	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Area of potential compressible ground.
		0	-1	-1	-2	0	-1	0	0	0	0	0	0	-2	-4	-4	Impact assessed in combination with hilliness and bendiness Local disruption due to construction New bridge required, however neutral issue
2450	2500																Area of potential compressible ground. Impact assessed in combination with hilliness and bendiness Local disruption due to construction
2500	2550	0	-1	-1	-2	0	-1	0	0	0	0	0	0	-2	-4	-4	Area of potential compressible ground.
		0	0	-1	-2	0	-1	0	0	0	0	0	0	-2	-4	-4	Impact assessed in combination with hilliness and bendiness Local disruption due to construction New bridge required, however neutral issue
2550	2600																Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
2600	2650	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible
2650	2700	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact Minor embankment on area of octential compressible
2700	2750	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact
2700	2750	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	o	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
2750	2800																Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
2800	2850	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
2850	2900	0	-1	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor construction access impact
2900	2950	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact
2900	2930	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
2950	3000																Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
3000	3050	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
3050	3100	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible
3100	3150	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact
		0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
3150	3200	0	0			o		0	0	0	0	0		0	-3	2	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
3200	3250				-	Ū	-	Ū		0	0						Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
3250	3300	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible
3300	3350	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact
		0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
3350	3400																Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
3400	3450	0	0	-1	4	0	-1	0	0	0	0	U	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness.
3450	3500	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Minor embankment on area of potential compressible
3500	3550	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Assess in combination with hilliness and bendiness. Minor construction access impact
		0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
3550	3600	0	0	.1	-2	0	.1	0	0	0	0	0	4	0	-2	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
L		0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact

3600	3650	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness. Minor construction access impact
3650	3700																Minor embankment on area of potential compressible ground. Assess in combination with hilliness and bendiness
3700	3750	0	0	-1	-2	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact Structure for Bonnyton Burn Crossing. Area of compressibl ground. Assessed in combination with hilliness and
3750	3800	0	0	-1	-2	0	-1	-1	0	0	0	0	-1	0	-4	-4	ground. Assessed in combination with hilliness and bendiness. Minor construction access impact Structure for Bonnyton Burn Crossing. Area of compressibl
2000	2050	0	0	-1	-2	0	-1	-1	-3	0	0	0	-1	0	-5	-5	ground. Assessed in combination with hilliness and bendiness. Minor construction access impact
3800	3850	0	0	-1	-2	0	-1	-1	-3	0	0	0	-1	O	-5	-5	Structure for Bonnyton Burn Crossing. Area of compressibl ground. Assessed in combination with hilliness and bendiness. Minor construction access impact
3850	3900																Structure for Bonnyton Burn Crossing. Area of compressibl ground. Assessed in combination with hilliness and
3900	3950	0	0	-1 -1	-2 -2	0	0	-1 0	-1 -1	0	0	0	-1 -1	0	-3 -2	-3 -2	bendiness. Minor construction access impact
3950 4000	4000 4050	0	0	-1	-2	0	0	0	-1	0	0	0	-1	0	-2	-2	
4050 4100	4100 4150	0	0	-1	-2	0	0	0	-1	0	0	0	-1	0	-2	-2	
4150	4200	0	0	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2 -2	
4200 4250	4250 4300	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4300	4350	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4350 4400	4400 4450	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4450	4500	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2 -2	
4500	4550	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4550 4600	4600 4650	0	-1 0	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2 -2	-2 -2	
4650	4700	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4700 4750	4750 4800	0	0	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2 -2	
4800	4850	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
4850 4900	4900 4950	0	-1	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2	
4950	5000	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5000 5050	5050 5100	0	-1	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2 -2	
5100	5150	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2 -2	-2	
5150 5200	5200 5250	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5200 5250	5300	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2 -2	-2 -2	
5300	5350	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5350 5400	5400 5450	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2 -2	
5450	5500	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5500 5550	5550 5600	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5600	5650	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2 -2	-2 -2	
5650 5700	5700 5750	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5750	5800	0	-1	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2	
5800	5850	0	0	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5850 5900	5900 5950	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
5950	6000	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
6000 6050	6050 6100	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
6100	6150	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
6150 6200	6200 6250	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
6250	6300	0	-1	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2 -2	-2	
6300	6350	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	SW Distribution Mains .
6350	6400	0	-1	-1	-2	0	0	0	0	0	0	-1	-1	0	-3	-3	Impact assessed in combination with hilliness and bendiness. Minor construction access impact SW Distribution Mains .
6400	6450	0	-1	-1	-2	0	0	0	0	0	0	-1	-1	0	-3	-3	Impact assessed in combination with hilliness and bendiness. Minor construction access impact
6450	6500	0	-1	-1	-2	0	0	0	0	0	0	-1	-1	0	-3	-3	SW Distribution Mains . Impact assessed in combination with hilliness and bendiness. Minor construction access impact
6500	6550			1												,	SW Distribution Mains . Impact assessed in combination with hilliness and
6550	6600	0	-1	-1	-2 -2	0	0	0	0	0	0	-1 0	-1	0	-3 -2	-3 -2	bendiness. Minor construction access impact
6600	6650	0	-1	-1	-2	0	0	0	0	0	0	0	-1	0	-2	-2	
6650 6700	6700 6750	0	0	-1	-2 -2	0	0	0	0	0	0	0	-1	0	-2	-2	
6750	6800	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access in combination with Hilliness and Bendiness
6800	6850	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access in combination with Hilliness and Bendiness Very difficult construction access in combination with
6850 6900	6900 6950	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Hilliness and Bendiness Very difficult construction access in combination with
6950	7000	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Hilliness and Bendiness SSE 275Kv crossing. Pylon within 100m alignment at ch 698 Pylon within 100m of edge of alignment at ch 7257. Combination of hilliness and bendiness.
7000	7050	0	0	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	Farm access structure at ch7250 - to be reviewed at 2nd fit in relation to proximity of pylon. Very difficult construction access SSE 275Kv crossing. Pylon within 100m alignment at ch 699 Pylon within 100m of edge of alignment at ch 7257. Combination of Milliness and bendiness.
7050	7100	0	-1	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	Farm access structure at ch7250 - to be reviewed at 2nd fi in relation to proximity of pylon. Very difficult construction access SSE 275Kv crossing. Pylon within 100m alignment at ch 69:
		0	-1	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	Pylon within 100°, no within a constraint a constraint a constraint Pylon within 100°, no fedge of alignment at ch 7257. Combination of hilliness and bendiness. Farm access structure at ch7250 - to be reviewed at 2nd fi in relation to proximity of pylon. Very difficult construction access
7100	7150																SEE 275Kv crossing. Pylon within 100m alignment at ch 69 Pylon within 100m of edge of alignment at ch 7257. Commission of hilliness and bendiness. Farm access structure at ch 7250 to be reviewed at 2nd fi in relation to proximity of pylon. Very difficult construction access

7150	7200																SSE 275Kv crossing. Pylon within 100m alignment at ch 6980 Pylon within 100m of edge of alignment at ch 7257. Combination of hilliness and bendiness. Farm access structure at ch7250 - to be reviewed at 2nd fix
7200	7250	0	0	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	in relation to proximity of pylon. Very difficult construction access SSE 275Kv crossing. Pylon within 100m alignment at ch 6980 Pylon within 100m of edge of alignment at ch 7257.
		0	0	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	Combination of hillness and bendiness. Farm access structure at ch7250 - to be reviewed at 2nd fix in relation to proximity of pylon. Very difficult construction access
7250	7300																SSE 275Kv crossing. Pylon within 100m alignment at ch 6980 Pylon within 100m of edge of alignment at ch 7257. Combination of hilliness and bendiness. Farm access structure at ch7250 - to be reviewed at 2nd fix in relation to proximity of pylon.
7300	7350	0	0	-1	-2	0	0	0	0	0	0	-2	-3	0	-6	-6	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
7350	7400	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
7400	7450	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
7450	7500	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	combination of at grade construction or mix or minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
7500	7550				-								,		-	-	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
7550	7600	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
7600	7650	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Dendiness of route. Very difficult construction access Dendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
7650	7700	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
7700	7750	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
7750	7800	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
7800	7850	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
7850	7900	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or nock. Hilliness and bendiness of route. Very difficult construction access
7900	7950	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
7950	8000	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8000	8050	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8050	8100																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
8100	8150	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
8150	8200	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
8200	8250	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
8250	8300	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
8300	8350	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
8350	8400	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
8400	8450	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8450	8500	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8500	8550	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8550	8600	0	0	4	2	0	0	0	0	0	0	0	.2	0	.4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8600	8650																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
8650	8700	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock. Hilliness and
		0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access

8700	8750																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non
8750	8800	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8800	8850	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8850	8900	0	-1	-1	-2	0	0	0	0	0	0	0	-3	٥	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
8900	8950																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and
8950	9000	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through hom identified geotechnical constraint or rock. Hilliness and
9000	9050	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non
9050	9100	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and
9100	9150	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Identified geotecnnical constraint of rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
9150	9200	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendliness of route. Very difficult construction access Combination of at grade construction or mix of minor
	0050	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
9200	9250	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
9250	9300	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
9300	9350	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access
9350	9400	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very diffcult construction access
9400	9450	0	0		2	0	0	0	0	0	0	0		0			Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and bendiness of route. Very diffcult construction access
9450	9500	0	0	-1		0	0		0	0					~4		Combination of at grade construction or mix of minor cutings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and
9500	9550	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and
9550	9600	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and
9600	9650	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hilliness and
9650	9700	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non identified geotechnical constraint or rock. Hillmess and
9700	9750	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non
9750	9800	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non
9800	9850	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through nor
9850	9900	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through nor
9900	9950	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non
9950	10000	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
10000	10050	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
10050	10100	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
10100	10150	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Combination of at grade construction or mix of minor
10150	10200	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through nor identified geotechnical constraint or rock. Hilliness and bendiness of route. Very difficult construction access Structure for Burn of Durno on potentially compressible
10120	10200	0	.1	.1		0	1	1	0	0	0	0	.3	0			material. Hilliness and bendiness of route. Very difficult construction access. Dismantled railway - potential for made ground. Also potential for pedestrian/cycle/equestrian route?
10200	10250								U					0			Structure for Burn of Durno on potentially compressible material. Hilliness and bendiness of route. Very difficult construction access. Dismantled railway - potential for made ground. Also potential for
10250	10300	0	-1	-1	-2	0	-1	-1	0	0	0	0	-3	0	-6	-6	pedestrian/cycle/equestrian route? Structure for Burn of Durno on potentially compressible material. Hilliness and bendiness of route. Very difficult construction access. Dismantled railway - potential for made ground. Also potential for
		0	-1	-1	-2	0	0	-1	0	0	0	0	-3	0	-5	-5	made ground. Also potential for pedestrian/cycle/equestrian route?

10300	10350																
10000	10000	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
10350	10400																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route
10400	10450	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock Hilliness and bendiness of route
10450	10500	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non-
10500	10550	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access Combination of at grade construction or mix of minor
10550	10600	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
		0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high an/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
10600	10650													_			Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route
10650	10700	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock Hilliness and bendiness of route
10700	10750	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock Imiliness and bendiness of route
10750	10800	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock
10800	10850	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	hilliness and bendiness of route Very difficult construction access Combination of at grade construction or mix of minor
10850	10900	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
		0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high an/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
10900	10950	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
10950	11000																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route
11000	11050	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock Iniliness and bendiness of route
11050	11100	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Nilliness and bendiness or route Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock
11100	11150	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	hillines and bendiness of route Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock
11150	11200	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
11200	11250	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
11250	11300	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
11300	11350	0	-1	-1	-3	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route Very difficult construction access
11350	11400																Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route
11400	11450	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock Iniliness and bendiness of route
11450	11500	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	hilliness and bendiness of route Very difficult construction access Combination of at grade construction or mix of minor cuttings and embankments up to 10m high on/through non- identified geotechnical constraint or rock hilliness and bendiness of route
11500	11550	0	-1	-1	-2	0	-2	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Presence of Peat combination of hilliness and bendiness very difficult construction access
11550	11600	0	0	-1	-2	0	-2	0	0	0	0	0	-3	0	-6	-6	Presence of Peat combination of hilliness and bendiness very difficult construction access
11600	11650	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
11650	11700	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access Combination of hilliness and bendiness
11700	11750	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access Combination of hilliness and bendiness
11750 11800	11800 11850	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of hilliness and bendiness
11850	11900	0	0	-1	-2 -2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of hilliness and bendiness
11900	11950	0	0	-1	-2	0	-2	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access PCombination of hilliness and bendiness Very difficult construction access
L	4	U			~	v		v	v	v	v	v	-5		0	0	and the second construction ducess

		_							-	r							
11950	12000	0	0	-1	-2	0	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness and bendiness
12000	12050	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
12050	12100	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
12100	12150	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
12150	12200	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
12200	12250	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
12250	12300																Combination of hilliness and bendiness
12300	12350	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of hilliness and bendiness
12350	12330	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of hilliness and bendiness
		0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of hilliness and bendiness
12400	12450	0	-1	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
12450	12500	0	0	-1	-2	0	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness and bendiness Very difficult construction access
12500	12550	0	0	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12550	12600	0	0	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12600	12650	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12650	12700	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12700	12750	0	0	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12750	12800	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12800	12850	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12850	12900	0	-1	-1	-2	0	0	0	0	0	0	0	0	-1	-2	-2	
12900	12950																Structure over River Urie and floodplain. Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and associated engineering works.
		0	.1	-1	-2	0	.1	.2	0	0	0	.1	0	.1	-7	.0	Cmbination of hilliness and bendiness. Local disruption due to construction.
12950	13000	0			-				0		0		0	*			Structure over River Urie and floodplain.
																	Area of compressible ground. Impact assessed as Major for the structure (700m) and
																	associated engineering works. Cmbination of hilliness and bendiness.
42000	42050	0	-2	-1	-2	0	-1	-3	0	0	0	-1	0	-1	-7	-9	Local disruption due to construction. Structure over River Urie and floodplain.
13000	13050																Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and associated engineering works.
		0	-2	-1	-2	0	-1	-3	0	0	0	-1	0	-1	-7	-9	Cmbination of hilliness and bendiness. Local disruption due to construction.
13050	13100																Structure over River Urie and floodplain. Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and
																	associated engineering works. Cmbination of hilliness and bendiness.
12100	12150	0	-2	-1	-2	0	-2	-3	0	0	0	0	0	-1	-7	-9	Local disruption due to construction. Structure over River Urie and floodplain.
13100	13150																Area of compressible ground. Impact assessed as Major for the structure (700m) and
																	associated engineering works.
		0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Cmbination of hilliness and bendiness. Local disruption due to construction.
13150	13200																Structure over River Urie and floodplain. Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and associated engineering works.
																	Cmbination of hilliness and bendiness.
13200	13250	0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction. Structure over River Urie and floodplain.
13200	13230																Area of compressible ground. Impact assessed as Major for the structure (700m) and
																	associated engineering works. Cmbination of hilliness and bendiness.
		0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction.
13250	13300																Structure over River Urie and floodplain. Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and associated engineering works.
		0	-2	-1	-2	0	.2	-3	-3	0	0	0	0	.1		.0	Cmbination of hilliness and bendiness. Local disruption due to construction.
13300	13350	0	-		-	Ū	-			0	0	0		-			Structure over River Urie and floodplain.
																	Area of compressible ground. Impact assessed as Major for the structure (700m) and
																	associated engineering works. Cmbination of hilliness and bendiness.
40050		0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction. Structure over River Urie and floodplain.
13350	13400																Area of compressible ground.
																	Impact assessed as Major for the structure (700m) and associated engineering works.
		0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Cmbination of hilliness and bendiness. Local disruption due to construction.
13400	13450																Structure over River Urie and floodplain. Area of compressible ground.
1																	Impact assessed as Major for the structure (700m) and associated anningering works
																	Cmbination of hilliness and bendiness.
13450	13500	0	-2	-1	-2	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction. Structure over River Urie and floodplain.
13430	13300																Area of compressible ground. Impact assessed as Major for the structure (700m) and
1																	associated engineering works. Cmbination of hilliness and bendiness.
		0	-2	-1	-2	0	-1	-3	-3	0	0	0	0	-1	-7	-9	Local disruption due to construction.
13500	13550																Structure over River Urie and floodplain. Area of compressible ground.
1																	Impact assessed as Major for the structure (700m) and associated engineering works.
1																	Cmbination of hilliness and bendiness.
13550	13600	0	-1	-1	-2	0	-1	-3	-3	0	0	0	0	-1	-/	-9	Local disruption due to construction. Structure over River Urie and floodplain.
	10000																Area of compressible ground. Impact assessed as Major for the structure (700m) and
1																	associated engineering works. Cmbination of hilliness and bendiness.
		0	-1	-1	-2	0	-1	-3	-3	0	0	0	0	-1	-7	-9	Local disruption due to construction.
13600	13650																Structure over River Urie and floodplain. Area of compressible ground.
1																	Impact assessed as Major for the structure (700m) and associated engineering works.
1		0	-1	-1		0	.1	-3		0	0	0	0	-1	6	.0	Cmbination of hilliness and bendiness. Local disruption due to construction.
13650	13700		-1	-1	1		-1		-2					-1	-0	.9	Potential attenuation impact due to floodplain. Area of
13700	13750	0	0	-1	-2	0	-1	0	-2	0	-3	0	0	-1	-4	-6	compressible ground
13750	13750																Finish 13657m
13730	13850																
10000	13030																d

Rules Total Score = Alignment Score (Average of E, F, G, H and I) + Geo Score + Structures Score + Flooding Score (Average of L, M and N) +Utilities score + Constructability Score (Minimum value of P&Q) = Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4 ambers.

Chainage				Alignment			Geotechnics	Structures		Flooding and Drainage		Utilities	Collisting		Store	6	
Start Chainage	End Chainage	Alignment Length	Level Difference	Bendiness	Hilliness	Earthworks	Geotechnics	Structures	Flood Plain	Watercourse Crossings	Attenuation requirement	Utilities	Construction access	Temp disruption	Total	Adjusted	Comments
0	50	0	-1	-1	-1	-1	-1	-1	0	0	0	0	0	-1	-4	-4	Structure for tie in to existing A96
50	100	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
100	150	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
150	200	0	0	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
200 250	250 300	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	Structure over River Urie and Wood Burn.
300	350	0	-1	-1	-1	-1	-2	-3	0	0	0	0	0	-1	-7	-9	Area of compressible ground. Impact assessed as Najor for the structure (700m) and associated engineering works. Combination of Milliness and Bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
350	400	0	-2	-1	-1	-1	-2	-3	0	0	0	0	0	-1	-7	-9	Combination of hillness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and structized and antipagene any any
400	450	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn.
400	450	0	ņ	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
450	500	0					2			0	0						Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
500	550		-3	-1	-1			-5	-5			0				.,	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
550	600	0	-3	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
600	650	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
650	700	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
700	750	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hillness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
750	800	0	-2	-1	-1	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	Combination of hillness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
800	850	0	-2	-1	-1	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and
		0	-2	-1	-1	-1	-1	-3	0	0	0	0	0	-1	-6	-9	associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn.
850 900	900 950	0	-2	-1	-1	-1	0	-3	0	0	0	0	0	-1	-5	-9	Area of compressible ground. Impact assessed as Najor for the structure (700m) and associated engineering works. Combination of Milliness and Bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Najor for the structure (700m) and associated engineering works.
950	1000	0	-1	-1	-1	-1	0	-3	0	0	0	0	0	-1	-5	-9	Combination of hilliness and bendiness
1000	1050						Ŭ	Ŭ	Ť				, in the second se				Cutting up to 15.4m high in non-identified geotechnical constraint.
1050	1100	0	-1	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	combination of hilliness and bendiness Cutting up to 15.4m high in non-identified geotechnical constraint.
1100	1150	0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	combination of hilliness and bendiness Cutting up to 15.4m high in non-identified geotechnical
1150	1200	0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	constraint. combination of hilliness and bendiness Cutting up to 15.4m high in non-identified geotechnical
		0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	constraint. combination of hilliness and bendiness Cutting up to 15.4m high in non-identified geotechnical
1200	1250	0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	constraint. combination of hilliness and bendiness
1250	1300	0	-2	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
1300	1350	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
1350	1400	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
1400 1450	1450 1500	0	0	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
1500	1550	0	0	-1	-1	-1	0	0	0	0	0	0	0	-1 -2	-2	-2	Minor embankment on non-identified ground. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1550	1600	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment on non-identified ground. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1600	1650	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment on non-identified ground. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction

1650	1700																Minor embankment on non-identified ground. Combination of hilliness and bendiness and eathworks/m.
1700	1750	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor embankment on non-identified ground. Combination of hilliness and bendiness and eathworks/m.
1750	1800	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor embankment on non-identified ground.
1800	1850	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction Minor embankment on non-identified ground.
1850	1900	0	0	-1	-1 -1	-1	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction Private Water supply
1900	1950												-				Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m.
1950	2000	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m.
2000	2050	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Minor cutting on non-identified ground.
2050	2100	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	combination of hilliness and bendiness and eathworks/m. local disruption due to construction Minor cutting on non-identified ground.
2100	2150	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	combination of hilliness and bendiness and eathworks/m. local disruption due to construction
		0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m. local disruption due to construction
2150	2200	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m. local disruption due to construction
2200	2250	0	-1	-1	-1	-1	0	0	0	0	0	0	0		-3	-3	Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m. local disruption due to construction
2250	2300		-1	-1	-1	-1								~~~	-3	-3	Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m.
2300	2350	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Minor cutting on non-identified ground. combination of hilliness and bendiness and eathworks/m.
2350	2400	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	local disruption due to construction Minor cutting on non-identified ground.
2400	2450	0	0	-1	-1	-1	0	0	0	0	0	0	0	-2	-3	-3	combination of hilliness and bendiness and eathworks/m. local disruption due to construction
		0	0	-1	-1	-1	-1	0	0	0	0	0	0	-2	-4	-4	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. local disruption due to construction
2450	2500																Minor embankment on area of potential compressible ground.
2500	2550	0	0	-1	-1	-1	-1	0	0	0	0	0	0	-2	-4	-4	Combination of hilliness and bendiness and earthworks/m. local disruption due to construction Minor embankment on area of potential compressible
		0	0	-1	-1	-1	-1	0	0	0	0	0	0	-2	-4	-4	ground. Combination of hilliness and bendiness and earthworks/m. local disruption due to construction
2550	2600																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
2600	2650	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
2650	2700																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
2700	2750	0	-1	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible
2750	2800	0	-1	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
2750	2800																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
2800	2850	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible ground.
2850	2900	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	combination of hilliness and bendiness and earthworks/m. minor construction access impact
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
2900	2950							-		-	-						Minor embankment on area of potential compressible ground.
2950	3000	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	combination of hilliness and bendiness and earthworks/m. minor construction access impact Minor embankment on area of potential compressible
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
3000	3050																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
3050	3100	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
3100	3150																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
3150	3200	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible ground.
2200	2250	o	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
3200	3250																Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m.
3250	3300	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact Minor embankment on area of potential compressible ground.
3300	3350	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	combination of hilliness and bendiness and earthworks/m. minor construction access impact
5555		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
3350	3400	0	0	1		-	-		0			0	-	0		-3	Minor embankment on area of potential compressible ground.
3400	3450	0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	combination of hilliness and bendiness and earthworks/m. minor construction access impact Minor embankment on area of potential compressible
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. combination of hilliness and bendiness and earthworks/m. minor construction access impact
																	· · · · · · · · · · · · · · · · · · ·

3450	3500																Minor embankment on area of potential compressible
																	ground. combination of hilliness and bendiness and earthworks/m.
		0	-1	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact
3500	3550																Minor embankment on area of potential compressible
																	ground. combination of hilliness and bendiness and earthworks/m.
		0	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact
3550	3600																Minor embankment on area of potential compressible
																	ground. combination of hilliness and bendiness and earthworks/m.
		0	-1	-1	-1	-1	-1	0	0	0	0	0	-1	0	-3	-3	minor construction access impact
3600	3650																Structure for Bonnyton Burn Crossing.
																	Area of compressible ground. combination of hilliness and bendiness and earthworks/m.
		0	-1	-1	-1	-1	-1	-1	0	0	0	0	-1	0	-4	-4	minor construction access impact.
3650	3700																Structure for Bonnyton Burn Crossing.
																	Area of compressible ground. combination of hilliness and bendiness and earthworks/m.
2700	275.0	0	-1	-1	-1	-1	-1	-1	-1	0	0	0	-1	0	-4	-4	minor construction access impact.
3700	3750																Structure for Bonnyton Burn Crossing. Area of compressible ground.
																	combination of hilliness and bendiness and earthworks/m.
3750	2800	0	-1	-1	-1	-1	0	-1	-1	0	0	0	-1	0	-3	-3	minor construction access impact.
3800	3800 3850	0	0	-1	-1	-1	0	0	-1	0	0	0	-1	0	-2	-2	
3850	3900	0	0	-1	-1	-1	0	0	-1	0	0	0	-1	0	-2	-2	
3830	3900																Area of compressible ground. alignment within 100m of floodplain.
			0														combination of hilliness and bendiness and earthworks/m.
3900	3950	0	0	-1	-1	-1	-1	0	-1	0	0	0	-1	0	-3	-3	minor construction access impact
3500	3330																Area of compressible ground. alignment within 100m of floodplain.
		0	0	-1	-1	-1	-1	0	-1	0	0	0	-1	0	-3	-3	combination of hilliness and bendiness and earthworks/m. minor construction access impact
3950	4000	0	0	-1	-1	-1	-1	0	-1	0	0	0	-1	0	-5	-5	
5550																	Area of compressible ground. alignment within 100m of floodplain.
		0	0	.1	.1	.1	-1	0	.1	0	0	0	.1	0	-3		combination of hilliness and bendiness and earthworks/m. minor construction access impact
4000	4050	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4050	4100	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4100	4150	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4150	4200	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4200	4250	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4250	4300	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4300	4350	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4350	4400	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4400	4450	0		-1	-1		0	0	0	0	0	0	-1	0	-2	-2	
4450	4500	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4500	4550		-1	-1		-1										-2	
4550	4600	0	-		-1		0	0	0	0	0	0	-1	0	-2		
4600	4650	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4650	4000	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4700	4750	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4750	4730	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
		0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4800	4850 4900	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4850		0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
4900 4950	4950 5000	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
		0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5000	5050	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5050	5100	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5100	5150	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5150	5200	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5200	5250	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5250	5300	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5300	5350	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5350	5400	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5400	5450	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5450	5500	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5500	5550	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5550	5600	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5600	5650	0	-1	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5650	5700	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5700	5750	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5750	5800	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5800	5850	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5850	5900	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5900	5950	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
5950	6000	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6000	6050	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6050	6100	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6100	6150	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6150	6200																SW Distribution Main.
		0	0	-1	-1	-1	0	0	0	0	0	-1	-1	0	-3	-3	Combination of hilliness, bendiness and earthworks/m. Minor construction access impact.
6200	6250																SW Distribution Main.
																	Combination of hilliness, bendiness and earthworks/m.
6250	6200	0	0	-1	-1	-1	0	0	0	0	0	-1	-1	0	-3	-3	Minor construction access impact.
6250	6300																SW Distribution Main. Combination of hilliness, bendiness and earthworks/m.
		0	0	-1	-1	-1	0	0	0	0	0	-1	-1	0	-3	-3	Combination of hilliness, bendiness and earthworks/m. Minor construction access impact.
6300	6350	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6350	6400	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
	6450	0	0	-1	-1	-1	0	0	0	0	0	0	-1	0	-2	-2	
6400																	Combination of hilliness, bendiness and earthworks/m.
6400 6450	6500		0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
6450		0															Combination of hilliness, bendiness and earthworks/m.
	6500 6550						0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
6450 6500	6550	0	0	-1	-1	-1											
6450		0				-1								0			Combination of hilliness, bendiness and earthworks/m.
6450 6500 6550	6550 6600		0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
6450 6500	6550	0				-1		0	0	0	0	0	-3	0	-4 -4	-4	
6450 6500 6550	6550 6600	0	0	-1	-1		0						-3			-4	Very difficult construction access Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
6450 6500 6550 6600 6650	6550 6600 6650 6700	0	0	-1	-1		0						-3			-4 -4 -4	Very difficult construction access Combination of hilliness, bendiness and earthworks/m.
6450 6500 6550 6600	6550 6600 6650	0	0	-1 -1 -1	-1		0	0	0	0	0	0	-3	0	-4 -4	-4	Very difficult construction access Combination of hillness, bendiness and earthworks/m. Very difficult construction access Combination of hillness, bendiness and earthworks/m. Very difficult construction access Combination of hillness, bendiness and earthworks/m.
6450 6500 6550 6600 6650 6700	6550 6600 6650 6700 6750	0	0	-1	-1		0	0	0	0	0	0	-3 -3 -3	0		-4 -4 -4	Very difficult construction access Combination of hilliness, bendiness and earthworks/m. Very difficult construction access Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
6450 6500 6550 6600 6650	6550 6600 6650 6700	0	0	-1 -1 -1	-1		0	0	0	0	0	0	-3 -3 -3	0	-4 -4	-4	Very difficult construction access Combination of hillness, bendiness and earthworks/m. Very difficult construction access Combination of hillness, bendiness and earthworks/m. Very difficult construction access Combination of hillness, bendiness and earthworks/m. Very difficult construction acces 275Vx Crossing - Proposed road level between 2m and 3m
6450 6500 6550 6600 6650 6700	6550 6600 6650 6700 6750	0	0	-1 -1 -1	-1		0	0	0	0	0	0	-3 -3 -3	0	-4 -4	-4	Very difficult construction access Combination of hillines, bendiness and earthworks/m. Very difficult construction access Combination of hilliness, bendiness and earthworks/m. Very difficult construction access Combination of hilliness, bendiness and earthworks/m. Very difficult construction access

6800	6850																
0000	0030	0	-1	-1	-1	-1	0	0	0	0	0	-2	-3	0	-6	-6	275Kv Crossing - Proposed road level between 2m and 3 lower than existing. Pylon within 100m alignment at ch 6770. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
6850	6900	0										-			Ū		275Kv Crossing - Proposed road level between 2m and 3 lower than existing. Pylon within 100m alignment at ch 6770.
6900	6950	0	0	-1	-1	-1	0	0	0	0	0	-2	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access 275Kv Crossing - Proposed road level between 2m and 3
		0	-1	-1	-1	-1	0	0	0	0	0	-2	-3	0	-6	-6	lower than existing. Pylon within 100m alignment at ch 6770. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
6950	7000																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint.
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	o	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7000	7050																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint.
7050	7400	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7050	7100																Combination of at grade construction on non-identifier geotechnical constraint and cuttings and embankment to 10m high on/through non-identified geotechnical constraint.
7100	7150	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7100	7150																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint.
7150	7200	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
/150	7200																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m.
7200	7250	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
																	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m.
7250	7300	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
																	geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m.
7300	7350	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m.
7350	7400	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
																	geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m.
7400	7450	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction on non-identified
		0	0	.1	4	4	0	0	0	0	0	0					geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7450	7500	Ū					Ū			Ū		0		0			Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments
		0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	to 10m high on/through non-identified geotechnical constraint. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7500	7550																Combination of at grade construction on non-identifier geotechnical constraint and cuttings and embankment to 10m high on/through non-identified geotechnical
		0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	constraint. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7550	7600																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankment: to 10m high on/through non-identified geotechnical constraint.
7600	765.0	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7600	7650																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments to 10m high on/through non-identified geotechnical constraint.
7650	7700	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
7700	7750	0	-1	-1	-1	-1	0	0	0	0	0	-1	-3	0	-5	-5	SW Distrbution Main SW Distrbution Main
7750	7800	0	-1	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access.
7800	7850																Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m.
7850	7900	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Very difficult construction access. Cutting up to 15m high in non-identified geotechnical constraint or rock.
7900	7950	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access. Cutting up to 15m high in non-identified geotechnical
7950		0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access.
	8000	0	-2	-1	-1	-1	-1	0	0	O	0	0	-3	0	-5	-5	Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access.
8000	8050	0			-1	-1	-1	0	0	0	0	0		0	.5	.5	Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m.
8050	8100		-1	-1	-1	-1	-1						-3	0	-3	-5	Very difficult construction access. Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m.
8100	8150	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Very difficult construction access. Structure for farm access - moderate impact.
																	Cutting up to 15m high in non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access

		_										-					
8150	8200																Cutting up to 15m high in non-identified geotechnical constraint or rock.
		0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
8200	8250																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
		0	-2	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
8250	8300																Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0	-1	.1	.1	.1	0	0	0	0	0	0		0	-4	-4	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m very difficult construction access
8300	8350	0	-1	-1	-1	-1	0	0	0	0	0	0		0	~		Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8350	8400	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8400	8450	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
																	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8450	8500	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
8450	8500																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
25.00	0550	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
8500	8550																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
8550	8600																Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
8600	8650																Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0	-1	.1	.1	.1	0	0	0	0	0	0		0	-4	.4	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m very difficult construction access
8650	8700											-					Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0					0	0	0	0	0	0					geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8700	8750	0	-1	-1	-1	-1	0	0	0	0	0	0		0	~4	-4	very difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8750	8800	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8800	8850	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8850	8900	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
																	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8900	8950	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
3500	5550																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
8950	9000	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
0550	5000																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
0000	0050	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access
9000	9050																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
0055	0107	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
9050	9100																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
	-	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
9100	9150																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments up to 10m high on/through non-identified geotechnical constraint or rock
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
9150	9200																Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	o	-4	-4	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m very difficult construction access
9200	9250																Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0	.1	.1	.1	.1	0	0	0	0	0	0	.3	0			geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m very difficult construction access
9250	9300						0	0	0	0	0	3		0			Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
																	geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
L	1	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	very difficult construction access

-	1															-	
9300	9350																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock combination of billings, beneficians and outburster (m
9350	9400	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0	0	-1	-1	-1	0	0	0	0	0	0		0	.4		geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m verv difficult construction access
9400	9450	0	0	-1	-1	-1	0	0	0	0	0	0	-3	U	-4	-4	very dimicult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	containing of the constraints of the contract of the constraints of th
9450	9500																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock
9500	9550	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access Combination of at grade construction on non-identified
		0					0	0	0	0	0	0					geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m very difficult construction access
9550	9600								-								Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock
9600	9650	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	combination of hilliness, bendiness and earthworks/m very difficult construction access
																	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock combination of hilliness, bendiness and earthworks/m
9650	9700	0	-1	-1	-1	-1	0	0	0	0	0	0 -2	-3	0	-4	-4	very difficult construction access Wind Turbine within 100m of edge of alignment. Ch 9657
9700 9750	9750 9800	0	-1	-1	-1	-1	0	0	0	0	0	-2	-3	0	-6	-6	Wind Turbine within 100m of edge of alignment. Ch 9734
5750	5800													0			Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m.
9800	9850	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	U	-4	-4	Very difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock.
9850	9900	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
		0					0	0	0	0	0	0					Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
9900	9950	Ū	-				0	0		0	0	0					Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
		0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
9950	10000																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hillness, bendiness and earthworks/m.
10000	10050	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction on non-identified
		0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
10050	10100																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m.
10100	10150	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified
		o	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
10150	10200	0	0	-1	-1	-1	0	0		0	0	0		0			Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock. Combination of hilliness, bendiness and earthworks/m. Werv difficult construction access
10200	10250	0	0	-1	-1	-1	0	0	0	0	0	0	-3	U	-4	-4	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments up to 10m high on/through non-identified geotechnical constraint or rock.
10250	10300	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
		0	-1	-1	-1	-1	0	-1	0	0	0	0	-3	0	-5	-6	Structure for Burn of Durno on potentially compressible material. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access. Dismantled railway - potential for made ground. Also potential for pedestrian/cycl/equestrian route?
10300	10350																Structure for Burn of Durno on potentially compressible material. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access.
10350	10400	0	-1	-1	-1	-1	-1	-1	0	0	0	0	-3	0	-6	-6	Dismantled railway - potential for made ground. Also potential for pedestrian/cycle/equestrian route? Structure for Burn of Durno on potentially compressible
		0	-1	-1	-1	-1	0	-1	0	0	0	0	-3	0	-5	-6	material. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access. Dismantled railway - potential for made ground. Also potential for pedestrian/cycle/equestrian route?
10400 10450	10450 10500	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Cutting up to10-13.5m in rock
10500	10550	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m Very difficult construction access Cutting up to10-13.5m in rock Combination of hilliness, bendiness and earthworks/m
10550	10600	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Very difficult construction access Cutting up to10-13.5m in rock
10600	10650	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m Very difficult construction access Cutting up to10-13.5m in rock
		0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m Very difficult construction access

		-															
10650	10700																Cutting up to 10-13.5m in rock
10700	40750	0	-2	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m Very difficult construction access
10700	10750																Minor cut in rock. Combination of hilliness, bendiness and earthworks/m.
10750	10800	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
10750	10800																Minor cut in rock. Combination of hilliness, bendiness and earthworks/m.
10800	10850	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
10800	10850																Minor cut in rock. Combination of hilliness, bendiness and earthworks/m.
10850	10900	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
10050	10500																Minor cut in rock. Combination of hilliness, bendiness and earthworks/m.
10900	10950	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Very difficult construction access
																	Minor embankment on potentially compressible material. Combination of hilliness, bendiness and earthworks/m.
		0	0	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Very difficult construction access
10950	11000																Minor embankment on potentially compressible material.
		0	-1	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11000	11050											-					
																	Minor embankment on potentially compressible material. Combination of hilliness, bendiness and earthworks/m.
11050	11100	0	-1	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Very difficult construction access
11050	11100																Minor embankment on potentially compressible material.
		0	-1	-1	-1	-1	-1	0	0	0	0	0	-3	0	-5	-5	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11100	11150																Minor embankment on potentially compressible material.
		0	.1	-1	-1	-1	-1	0	0	0	0	0	.2	0	-5	.5	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11150	11200	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	
11200	11250	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	
11250	11300	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	
11300 11350	11350 11400	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	
11330	11400	0	0	-1	-1 -1	-1	0	0	0	0	0	0	-3	0	-4 -4	-4	
11450	11500	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	
11500	11550	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	o	-4	-4	
11550	11600																Minor embankment on Peat. Combination of hilliness, bendiness and earthworks/m.
11000	44650	0	-1	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
11600	11650																Minor embankment on Peat. Combination of hilliness, bendiness and earthworks/m.
11050	11700	0	-1	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
11650	11700																Minor embankment on Peat. Combination of hilliness, bendiness and earthworks/m.
11700	11750	0	-1	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
11/00	11/50																Minor embankment on Peat. Combination of hilliness, bendiness and earthworks/m.
11750	11800	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-6	Very difficult construction access
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11800	11850	Ū	0		-			Ū	0		0	0	,				Presence of Peat - alignment mainly at grade.
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11850	11900											-					Presence of Peat - alignment mainly at grade.
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11900	11950																Presence of Peat - alignment mainly at grade.
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
11950	12000																Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m.
12000	12050	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
12000	12050																Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m.
12050	12100	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
		0	0	-1	-1	-1	2	0	0	0	0	0	,	0	-6	6	Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
12100	12150	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-0	-0	Presence of Peat - alignment mainly at grade
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
12150	12200																Presence of Peat - alignment mainly at grade.
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
12200	12250																Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m.
12250	12300	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
12250	12500																Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m.
12300	12350	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access
-2300	12330						-2										Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m.
12350	12400	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Very difficult construction access Presence of Peat - alignment mainly at grade.
		0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6	-6	Presence of Peat - alignment mainly at grade. Combination of hilliness, bendiness and earthworks/m. Very difficult construction access
12400	12450	0	0	-1	-1	-1	-2	0	0	0	0	0	-3	0	-6 -4	-0 -4	Very difficult construction access Hilliness / Bendiness. Difficult construction access
12450	12500	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12500	12550	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12550 12600	12600 12650	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12600	12050	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4 -4	Hilliness / Bendiness. Difficult construction access Hilliness / Bendiness. Difficult construction access
12700	12750	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4 -4	-4 -4	Hilliness / Bendiness. Difficult construction access Hilliness / Bendiness. Difficult construction access
12750	12800	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12800	12850	0	0	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12850 12900	12900 12950	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
12900	13000	0	-1	-1	-1 -1	-1	0	0	0	0	0	0	-3	0	-4 -4	-4 -4	Hilliness / Bendiness. Difficult construction access Hilliness / Bendiness. Difficult construction access
13000	13050	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
13050	13100	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
13100 13150	13150 13200	0	-1	-1	-1	-1	0	0	0	0	0	0	-3	0	-4	-4	Hilliness / Bendiness. Difficult construction access
13200	13250	0	-1	-1	-1 -1	-1	0	0	0	0	0	0	0	-1 -1	-2 -2	-2 -2	
13250	13300	0	0	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
13300	13350																Cutting up to 16.1m (but greater than 10m) high in rock.
		0		.1	.1	.1	.1	0	0	0	0	0	0	.1	.3	-3	Combination of hilliness, bendiness and earthworks/m. Local disruption due to construction
	-i	0			1 1				0			U	U	-1	>	-3	and an appendiculation

13350	13400																
																	Cutting up to 16.1m (but greater than 10m) high in rock. Combination of hilliness, bendiness and earthworks/m.
13400	13450	0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	Local disruption due to construction
13400	13430																Cutting up to 16.1m (but greater than 10m) high in rock.
		0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	Combination of hilliness, bendiness and earthworks/m. Local disruption due to construction
13450	13500	Ū		-	-	-		Ū	0		0	0		•			
																	Cutting up to 16.1m (but greater than 10m) high in rock.
		0	-2	-1	-1	-1	-1	0	0	0	0	0	0	-1	-3	-3	Combination of hilliness, bendiness and earthworks/m. Local disruption due to construction
13500	13550																
																	Cutting up to 16.1m (but greater than 10m) high in rock. Combination of hilliness, bendiness and earthworks/m.
		0	-2	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-3	Local disruption due to construction Manually amended (RO)
13550	13600	0	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
13600	13650	0	-1	-1	-1	-1	0	0	0	0	0	-1	0	-1	-3	-3	SW Distribution Main
13650	13700																Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
		0	-2	-1	-1	-1	-2	-3	0	0	0	-1	0	-1	-8	-9	Potential attenuation impact due to floodplain
13700	13750																Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
		0	-2	-1	-1	-1	-2	-3	0	0	0	0	0	-1	-7	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
13750	13800																Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
13800	12850	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
13800	13850																Area of compressible ground Impact assessed as Major for the structure (650m) and
																	associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
13850	13900	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
13630	13900																Area of compressible ground Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
																	Local disruption due to construction
13900	13950	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	U	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
																	Area of compressible ground Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
		0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction Potential attenuation impact due to floodplain
13950	14000												-				Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
		0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Local disruption due to construction Potential attenuation impact due to floodplain
14000	14050																Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
		0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
14050	14100																Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
14100	14150	0	-2	-1	-1	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
14100	14130																Area of compressible ground Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
		0			-1			-3		0	0	0					Local disruption due to construction
14150	14200	0	-2	-1	-1	-1	-2	-3	-3	0	U	0	d	-1	-8	-9	Potential attenuation impact due to floodplain Structure over River Urie and floodplain
11100	11200																Area of compressible ground Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
		0	-2	-1	-1	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	Local disruption due to construction Potential attenuation impact due to floodplain
14200	14250																Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and
																	associated engineering works Combination of hilliness and bendiness
		0	-1	-1	-1	-1	-1	-3	-2	0	0	0	0	-1	-6	-9	Local disruption due to construction Potential attenuation impact due to floodplain
14250	14300																Structure over River Urie and floodplain Area of compressible ground
																	Impact assessed as Major for the structure (650m) and associated engineering works
																	Combination of hilliness and bendiness Local disruption due to construction
		0	-1	-1	-1	-1	-1	-3	-2	0	-3	0	0	-1	-7	-9	Potential attenuation impact due to floodplain
14300	14350	0	0	-1	-1	-1	0	0	0	0	0	0	0	-1	-2	-2	
14350	14400																

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Rules Total Score = Alignment Score (Average of E, F, G, H and I) + Geo Score + Structures Score + Flooding Score (Average of L, M and N) +Utilities score + Constructability Score (Minimum value of P&Q) = Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4 ambers.

		1						1									
Chainage				Alignment			Geotechnics	Structures		Flooding and Drainage		Utilities	Constructed)))))))))))))))))))	acore	6	
Start Chainage	End Chainage	Alignment Length	Level Difference	Bendiness	Hilliness	Earthworks	Geotechnics	Structures	Flood Plain	Watercourse Crossings	Attenuation requirement	Utilities	Construction access	Temp disruption	Total	Adjusted	Comments
0	50	-1	-1	-1	-1	0	-1	-1	0	0	0	0	0	-1	-4	-4	Structure for tie in to existing A96
50	100	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
100	150	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
150	200	-1	0	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
200	250	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	Structure over River Urie and Wood Burn.
250	300	-1	-1	-1	-1	0	-2	-3	0	0	0	0	0	-1	-7	-9	Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
300	350					0		_	0	0	0	0			_		Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
350	400	-1	-2	-1	-1		-2	-3	U				0	-1	-/	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
400	450	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
450	500	-1	-3	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	associated engineening works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
500	550	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and
550	600	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and
600	650	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground.
650	700	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground.
700	750	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground.
750	800	-1	-2	-1	-1	0	-1	-3	-3	0	0	0	0	-1	-7	-9	Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and
800	850	-1	-2	-1	-1	0	-1	-3	-3	0	0	0	0	-1	-7	-9	associated engineering works. Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
850	900	-1	-2	-1	-1	0	-1	-3	0	0	0	0	0	-1	-6	.9 .0	Combination of hilliness and bendiness Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
900	950					0	0	2	0		0	0		-			Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Combination of hilliness and bendiness
950 1000	1000 1050	-1	-1	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 19m high in non-identified geotechnical constraint. Combination of hilliness and bendiness Cutting up to 19m high in non-identified geotechnical
		-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	constraint. Combination of hilliness and bendiness
1050	1100	-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 19m high in non-identified geotechnical constraint. Combination of hilliness and bendiness Cutting up to 19m high in non-identified geotechnical
		-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	constraint. Combination of hilliness and bendiness
1150	1200	-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 19m high in non-identified geotechnical constraint. Combination of hilliness and bendiness Cutting up to 19m high in non-identified geotechnical
		-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	constraint. Combination of hilliness and bendiness Cutting up to 19m high in non-identified geotechnical
1250	1300	-1	-2	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	constraint. Combination of hilliness and bendiness
1300	1350	-1	-2	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
1350	1400 1450	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
1400 1450	1450 1500	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
1450	1550	-1	0	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
1550	1600	-1	0	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1600	1650	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction Minor embankment.
		-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction

2030	5	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2700	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2750	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2800	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2850	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2900	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2950	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3000	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3050	D	-1	-1	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3100	D	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3150	D	-1	-1	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on area of potential compressible ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact

			-	-	-	-			-	r							
1650	1700																Minor embankment. Combination of hilliness and bendiness and eathworks/m.
1700	1750	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction
1750	1800	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1,30	1000				-1	0	0	0	0	0	0	0		2	-3	,	Minor embankment. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1800	1850	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment. Combination of billiness and bendiness and eathworks/m
1850	1900	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction
1900	1950	-1	0	-1	-1	0	0	0	0	0	0	-1	0	-2	-4	-4	Private Water supply Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
		-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	constraint. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
1950	2000																Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
		-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2000	2050																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint.
2050	2100	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2050	2100																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness and eathworks/m.
2100	2150	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction
																	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint. Combination of hilliness and bendiness and eathworks/m.
2150	2200	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
		-1	-1	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	constraint. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2200	2250																Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
		-1	0	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2250	2300																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint.
2300	2350	-1	0	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2300	2350																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness and eathworks/m.
2350	2400	-1	0	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
			0		-1	0	0	0	0	0	0	0		2	-3	,	constraint. Combination of hilliness and bendiness and eathworks/m. Local disruption due to construction
2400	2450	-1	0	-1	-1	0	0	0	0	0	0	0	0	-2	-3	-3	Minor embankment on area of potential compressible
		-1	0	.1	.1	0	.1	0	0	0	0	0	0		-4	.4	ground Combination of hilliness and bendiness and earthworks/m Local disruption due to construction
2450	2500		Ū			Ū		Ū	0	Ū							Minor embankment on area of potential compressible
		-1	0	-1	-1	0	-1	0	0	0	0	0	0	-7	-4	-4	ground Combination of hilliness and bendiness and earthworks/m Local disruption due to construction
2500	2550																Minor embankment on area of potential compressible
		-1	0	-1	-1	0	-1	0	0	0	0	0	0	-2	-4	-4	ground Combination of hilliness and bendiness and earthworks/m Local disruption due to construction
2550	2600																Minor embankment on area of potential compressible
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2600	2650																Minor embankment on area of potential compressible
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2650	2700																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2700	2750																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2750	2800																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	ground. Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2800	2850																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2850	2900																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2900	2950																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
2950	3000																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3000	3050																Minor embankment on area of potential compressible ground.
		-1	-1	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3050	3100																Minor embankment on area of potential compressible ground.
24.05		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3100	3150																Minor embankment on area of potential compressible ground.
	1		1														the second se

3150	3200																Minor embankment on area of potential compressible
																	ground. Combination of hilliness and bendiness and earthworks/m.
2200	2250	-1	-1	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact
3200	3250																Minor embankment on area of potential compressible ground.
																	Combination of hilliness and bendiness and earthworks/m.
3250	3300	-1	-1	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact
5250	5500																Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3300	3350				-				-	-	-						Minor embankment on area of potential compressible
																	ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3350	3400																Minor embankment on area of potential compressible
																	ground. Combination of hilliness and bendiness and earthworks/m.
2.400	2450	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact
3400	3450																Minor embankment on area of potential compressible ground.
			0			0		0	0	0	0	0		0			Combination of hilliness and bendiness and earthworks/m.
3450	3500	-1	U	-1	-1	0	-1	U	0	U	U	0	-1	U	-3	-3	Minor construction access impact
																	Minor embankment on area of potential compressible ground.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3500	3550																Minor embankment on area of potential compressible
																	ground. Combination of hilliness and bendiness and earthworks/m.
		-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact
3550	3600																Minor embankment on area of potential compressible
																	ground. Combination of hilliness and bendiness and earthworks/m.
2600	2650	-1	0	-1	-1	0	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impact
3600	3650																Structure for Bonnyton Burn Crossing. Area of compressible ground.
																	Combination of hilliness and bendiness and earthworks/m.
3650	3700	-1	0	-1	-1	0	-1	-1	-1	0	0	0	-1	0	-4	-4	Minor construction access impact.
5050	5700																Structure for Bonnyton Burn Crossing. Area of compressible ground.
		-1	0	-1	-1	0	0	-1	-1	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact.
3700	3750						-			-							Structure for Bonnyton Burn Crossing.
																	Area of compressible ground.
		-1	0	-1	-1	0	0	-1	-1	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact.
3750	3800	-1	0	-1	-1	0	0	0	-1	0	0	0	-1	0	-2	-3	Likely compresssible ground in proximity of watercourse and flood plain
3800	3850	-1	0	-1	-1	0	0	0	-1	0	0	0	-1	0	-2	-3	Likely compresssible ground in proximity of watercourse and flood plain
3850	3900													-			Area of compressible ground.
																	Alignment within 100m of floodplain.
		-1	0	-1	-1	0	-1	0	-1	0	0	0	-1	0	-3	-3	Combination of hilliness and bendiness and earthworks/m. Minor construction access impact
3900	3950																Area of compressible ground.
																	Alignment within 100m of floodplain. Combination of hilliness and bendiness and earthworks/m.
		-1	0	-1	-1	0	-1	0	-1	0	0	0	-1	0	-3	-3	Minor construction access impact
3950	4000																Area of compressible ground.
																	Alignment within 100m of floodplain. Combination of hilliness and bendiness and earthworks/m.
4000	4050	-1	-1	-1	-1	0	-1	0	-1	0	0	0	-1	0	-3	-3	Minor construction access impact
4000	4050	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	0	-2	-2	
4030	4100	-1	0	-1	-1	0	0	0	0	0	0	0	-1	0	-2	-2	
4100	4150	-1	0	-1							0	0	-1		-2	-2	
4150	4200					0		0	0			0		0		2	
4150 4200	4200 4250	-1	0	-1	-1	0	0	0	0	0	0	0	-1	0	-2	-2	
4200	4200 4250 4300	-1	0	-1 -1	-1 -1	0	0	0	0	0	0	0		0	-2 -2	-2	
	4250	-1	0	-1	-1	0	0	0	0	0	0	0	-1	0	-2 -2 -2	-2 -2	
4200 4250	4250 4300	-1 -1 -1	0 -1 -1	-1 -1 -1	-1 -1 -1	0	0	0	0	0	0	0	-1 -1 -1	0	-2 -2	-2	
4200 4250 4300	4250 4300 4350	-1 -1 -1 -1	0 -1 -1 -1	-1 -1 -1	-1 -1 -1 -1	0 0 0	0	0 0 0	0 0 0	0 0 0	0 0 0	0	-1 -1 -1 -1	0	-2 -2 -2 -2	-2 -2 -2	
4200 4250 4300 4350	4250 4300 4350 4400	-1 -1 -1 -1 -1	0 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1	-1 -1 -1 -1 -1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0	0 0 0	-1 -1 -1 -1 -1	0 0 0 0	-2 -2 -2 -2 -2	-2 -2 -2 -2	
4200 4250 4300 4350 4400	4250 4300 4350 4400 4450 4500 4550	-1 -1 -1 -1 -1 -1	0 -1 -1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1	-1 -1 -1 -1 -1 -1 -1 -1	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	-1 -1 -1 -1 -1 -1 -1	0 0 0 0 0	-2 -2 -2 -2 -2 -2 -2	-2 -2 -2 -2 -2 -2	
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4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4850 4900 4950 5000 5050 5100 5150 5200 5300 5350 5400 5550 5560 5570 5600 5750 5700 5750 5800 5850 5900 5900 5900 5955 6000	4250 4300 4350 4450 4450 4450 4450 4550 4650 4650 4650 4700 4750 4850 4850 4850 4850 4950 5000 5050 5150 5220 5350 5350 5350 5350 5400 5450 5550 5650 5750 5650 5750 5880 5950 5880 5950 6000 6050														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Combination of hilliness and bendiness. Difficult construction access Combination of hilliness and bendiness.
4200 4250 4300 4350 4400 4450 4550 4600 4650 4700 4750 4800 4850 4900 4950 5000 5150 5150 5200 5350 5400 5450 5550 5600 5550 5600 5550 5600 5550 5600 5550 5600 5550 5600 5750 5800 5800 5800 5800 5950 6000 6000 6050	4250 4300 4350 4450 4450 4450 4450 4550 4650 4650 4650 4700 4750 4850 4850 4850 4850 4850 4950 5000 5050 5150 5200 5250 5350 5350 5350 5450 5550 5650 5550 5650 5550 5650 5550 5650 5550														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Combination of hilliness and bendiness. Diffcult construction access Combination of hilliness and bendiness. Difficult construction access Combination of Milliness and bendiness.
4200 4250 4300 4350 4400 4450 4500 4450 4500 4650 4600 4650 4750 4850 4900 4950 5000 5050 5150 5200 5250 5300 5350 5400 5450 5500 5550 5600 5550 5600 5550 5600 5550 5600 5750 5800 5800 5950 6000 6000 6050 6050 6050 6050	4250 4300 4350 4450 4450 4450 4450 4550 4650 4650 4650 4700 4750 4850 4850 4850 4850 4850 5000 5050 5100 5250 5300 5250 5300 5350 5450 5550 5550 5650 5750 5550 5650 5750 5550 5650 5750 5550 5650 5750 5550 5650 5750 5880 5950 6000 6050 6050 6100 6150														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Combination of hilliness and bendiness. Difficult construction access Combination of hilliness and bendiness. Difficult construction access Combination of hilliness and bendiness. Difficult construction access
4200 4250 4300 4350 4400 4450 4450 4550 4600 4650 4650 4770 4750 4750 4800 4850 4900 4950 500 5050 5100 5150 5250 5300 5350 5450 5550 5500 5550 5500 5550 5500 5550 5500 5550 5660 5700 5750 5800 5750 5800 5750 5800 5750 5800 5750 5800 5750 5800 5750 5800 5750 5800 5750 5800 5950 5900 5950 5900 5950 6000 6050 6050 6100 6150 6	4250 4300 4350 4400 4450 4450 4550 4600 4650 4650 4750 4800 4850 4800 4850 4950 5000 5050 5150 5200 5250 5350 5400 5450 5550 5650 5550 5550 5650 5550 5550 5650 5550 5550 5550 5550 5550 5550 5550 5550 5650 5550 5550 5650 5550 5650 5750 5850 5850 5850 5950 5850 5950 5850 5950 5850 5950 5850 5650 5750 5850 5650 5750 5850 5650 5650 5750 5850 5650 5750 5850 5650 5650 5650 5650 5650 5750 5650 5650 5750 5850 5650 5750 5850 5650 5650 5650 5750 5850 5850 5650 5750 5850 5850 5850 5850 5650 5750 5850 5850 5850 5850 5650 5750 5850 5850 5850 5650 5750 5850 5850 5650 5750 5850 5850 5850 5850 5850 5850 5850 5650 5650 5750 5850 5900 5850 5900 5850 5900 5900 5920 6000 6000 6000 6100														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Combination of hilliness and bendiness. Diffuilt construction access Combination of hilliness and bendiness. Diffuilt construction access Combination of hilliness and bendiness. Diffuilt construction access Combination of hilliness and bendiness. Diffuilt construction access
4200 4250 4300 4350 4400 4450 4450 4550 4600 4650 4700 4750 4800 4750 4800 4950 500 5050 5100 5150 5250 5300 5350 5400 5550 5500 5550 5500 5550 5500 5550 5500 5550 5500 5550 5500 5550 5500 5550 5660 5750 5550 5660 5750 5750 5850 5900 5950 6000 6050 6100 6150 6200 6	4250 4300 4350 4400 4450 4550 4600 4550 4600 4650 4700 4850 4900 4950 5000 5050 5150 5200 5250 5300 5350 5400 5450 5550 5550 5600 5650 5770 5800 5850 5800 5800 5800 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 6000 6000 6100 6150 6200														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Combination of Nilliers and bendrives. Difficult construction access combination of Intilies and Bendrives. Difficult construction access Combination of Intilies and Bendrives. Difficult constructions access Combination of Intilies and Bendrives. Difficult construction access
4200 4250 4300 4350 4400 4450 4500 4450 4500 4650 4700 4750 4850 4800 4850 4900 4950 5000 5050 5100 5100 5250 5300 5550 5500 5550 5500 5550 5500 5550 5500 5570 5800 5850 5900 5950 6000 6050 6100 6150 6200 6250	4250 4300 4350 4400 4450 4550 4600 4550 4600 4650 4750 4850 4900 4850 4900 4950 5000 5150 5200 5350 5400 5450 5550 5660 5650 5750 5800 5850 5990 5990 6000 6050 6150 6200 6250 6200 6250 6200 6250 6300														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Cerebration of Nillines and tendines. Difficit construction access Difficit construction access Difficit construction access Difficit construction access Difficit construction access Difficit construction access Difficit constructions and tendines. Difficit construction access Cembration of hillines and tendines.
4200 4250 4300 4350 4430 4450 4500 4450 4500 4650 4700 4750 4850 4900 4950 5000 5050 5100 5150 5250 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5500 5700 5750 5800 5850 5900 5950 6000 6050 6100 6150 6200	4250 4300 4350 4400 4450 4550 4600 4550 4600 4650 4700 4850 4900 4950 5000 5050 5150 5200 5250 5300 5350 5400 5450 5550 5550 5600 5650 5770 5800 5850 5800 5800 5800 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 5600 6000 6000 6100 6150 6200														2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Combination of hillness and bendness. Millical construction access Combination of hillness and Bendiness. Millical construction access Combination of hillness and Bendiness. Difficult constructions and bendiness. Millical construction access Difficult construction access Difficult construction access Difficult construction access. Difficult construction access.

6350	6400	.1	0	-1	-1	0	0	0	0	0	0	-2	-2	0	.5	.5	SSE 275Kv crossing. Combination of hilliness and bendiness. Difficult construction access
6400	6450	-1	0	-1 -1	-1	0	0	0	0	0	0	-2	-2	0	-5	-5	construction access
6450	6500	-1	0	-1	-1	0	0	0	0	0	0	-2	-2	0	-5	-5	SSE Pylon within 100m of edge of alignment
6500	6550																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
6550	6600	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access Combination of a grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
6600	6650	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
6650	6700	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of hilliness and bendiness Difficult construction access Combination of at grade construction on non-identified
0050	8700	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	geotechnical constraint and cuttings and embankments less than J0m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness Difficult construction access
6700	6750	-1	0	-1	-1	0	0	0	0	0	0	0	-J	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hillness and bendiness Difficult construction access
6750	6800												-				Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness
6800	6850	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness
6950	6900	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access
<u>6850</u> 6900	6950	-1	-1	-1	-1	0	0	-2	0	0	0	0	-2	0	-5	-6	Structure for side road crossing Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
6950	7000	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7000	7050	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
7050	7100	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness. Difficult construction access
7100	7150	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness. Difficult construction access
7150	7200					0	0		0	0	0	0					Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
7200	7250	-1	0	-1	-1			0					-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
7250	7300	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7300	7350	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7350	7400	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7400	7450	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of a grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7450	7500	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
7500	7550	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
7550	7600	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness. Difficult construction access
7600	7650																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
7650	7700	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
7700	7750	-1	-2	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of minimum of the construction of the construction of the construction of the construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness.
7750	7800	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7800	7850	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hillness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less then 20m kibs on through one identification devatorbains
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	than 10m high on/through non-identified geotechnical constraint. Combination of hilliness and bendiness. Difficult construction access

7850	7900							I	I	I							Combination of at grade construction on non-identified
7830	7900																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint. Combination of hilliness and bendiness.
7900	7950	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
7900	7950																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint. Combination of hilliness and bendiness.
7050	0000	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
7950	8000																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint. Combination of hilliness and bendiness.
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
8000	8050																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint.
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access
8050	8100																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint.
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access
8100	8150																SW Distribution Main. Combination of hilliness and bendiness.
8150	8200	-1	0	-1	-1	0	0	0	0	0	0	-1	-2	0	-4	-4	Difficult construction access SW Distribution Main.
0150	0200	-1	0	-1	-1	0	0	0	0	0	0	-1	-2	0	-4	-4	Combination of hilliness and bendiness. Difficult construction access
8200	8250																SW Distribution Main. Combination of hilliness and bendiness.
8250	8200	-1	0	-1	-1	0	0	0	0	0	0	-1	-2	0	-4	-4	Difficult construction access SW Distribution Main.
8250	8300	-1	-1	-1	-1	0	0	0	0	0	0	-1	-2	0	-4	-4	Combination of hilliness and bendiness. Difficult construction access
8300	8350																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
						0	0		0	0		0					Combination of hilliness and bendiness Difficult construction access
8350	8400		-		-1	0	0	0	0	0	0	0	-2		-3	-3	Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint
														_			Combination of hilliness and bendiness
8400	8450	-1	0	-1	-1	0	0	0	0	0	0	0	-2	U	-3	-3	Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
8450	8500	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
0450	0500																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
8500	8550	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
8300	8330																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
8550	8600	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
8550	8600																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
0.000	0.050	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
8600	8650																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
8650	8700																geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
8700	8750																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
8750	8800																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
8800	8850																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
8850	8900																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		.1	0	-1	.1	0	0	0	0	0	0	0		0		.3	Combination of hilliness and bendiness Difficult construction access
8900	8950						-	-		-							Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
									0								Combination of hilliness and bendiness Difficult construction access
8950	9000	-1	0	-1	-1	0	0	0	0	0	0	U	-2	U	-3	-3	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
														_			Combination of hilliness and bendiness
9000	9050	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9050	9100	-1	0	-1	-1	0	0	0	0	0	0	0	-2	U	-3	-3	Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9100	9150	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
5100	5150																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
0150	0200	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
9150	9200																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
0000	00000	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
9200	9250																geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint Combination of hilliness and bendiness
1		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access
	10200																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
9250	9300																
9250	9300																than 10m high on/through non-identified geotechnical constraint Combination of hilliness and bendiness

9300		-						-	-							-	
1	9350																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9350	9400	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
			0			0	0		0	0		0		0			constraint Combination of hilliness and bendiness Difficult construction access
9400	9450	-1	-1	-1	-1	0	0	-2	0	0	0	0	-2	0	-5	-6	Structure for side road crossing
9450	9500																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access Combination of at grade construction on non-identified
9500	9550																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9550	9600	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
5550	5000																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
		-1	-1	-1	-1	0	0	0	0	0	0	0		0	-3	-3	constraint Combination of hilliness and bendiness Difficult construction access
9600	9650		-1	-1	-1	0	0	0	0	0	0	0	-2	0	-5	-3	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
9650	9700																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access Combination of at grade construction on non-identified
9700	9750																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9750	9800	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
9750	5600																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
9800	9850	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
5000	5050																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
			0			0	0	0	0	0	0	0					constraint Combination of hilliness and bendiness Difficult construction access
9850	9900	-1	U	-1	-1	0	0	0	0	U	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
9900	9950																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
9950	10000																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
10000	10050	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
10000	10050																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
10050	10100	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
10100	10150																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness Difficult construction access
10150	10200																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint Combination of hilliness and bendiness
10200	10250	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
10200	10250																geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
																	constraint Combination of hilliness and bendiness
10250	10300	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Lower height embankments upon potentially compressible
10250	10000																material combination of hilliness and bendiness difficult construction access
10300	10350	-1	0	-1		0	-1	0	0	0	0	0	~	0	-4	~	difficult construction access Lower height embankments upon potentially compressible material
		-1	0	-1	-1	0	-1	0	0	0	0	0	-2	0	-4	-4	combination of hilliness and bendiness difficult construction access
10350	10400																Higher embankments upon potentially compressible material
		-1	-1	-1	-1	0	-2	0	0	0	0	0	-2	0	-5	-5	combination of hilliness and bendiness and difficult construction access
10400	10450																Structure for Burn of Durno on potentially compressible material.
																	Combination of hilliness and bendiness. Difficult construction access.
10155	10	-1	-2	-1	-1	0	-2	-1	0	0	0	0	-2	0	-6	-6	Dismantled railway - potential for made ground. Also potential for pedestrian/cycle/equestrian route?
10450 10500	10500 10550	-1	-2	-1	-1	0	-2	-1	0	0	0	0	-2	0	-6	-6	
10550	10550	-1	-2	-1	-1	0	0	-1	0	0	0	0	-2	0	-4	-6	Combination of at grade construction on non-identified
																	geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access
10600	10650					-	-		-	-		-					Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments less than 10m high on/through non- identified geotechnical constraint or rock.
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access
10650	10700																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
																	embankments less than 10m high on/through non- identified geotechnical constraint or rock.
		-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified
10700	10750																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
•																	embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
			0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
10750	10800	-1	0														
10750	10800	-1	0														geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
10750	10800	-1	0														geotechnical constraint or rock and cuttings and

10800	10850																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination or hilliness and bendiness.
10850	10900	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
10900	10950	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
10950	11000	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
11000	11050	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttines and
11050	11100	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
11100	11150	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified
		-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access
11150	11200																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11200	11250	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grad econstruction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hillness and bendiness. Difficult construction access
11250	11300																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high orthrough non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11300	11350	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11350	11400	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combinistion of at grade construction on non-identified geotechnical constraint or rock and cuttings and embaniments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hillness and bendiness. Difficult construction access
11400	11450	-1	U	-1	-1	0	0	0	0	0	0	0	~~	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11450	11500	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination or hilliness and bendiness.
11500	11550	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Lombination of nulliness and openainess. Difficult constraints of a grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11550	11600	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
11600	11650	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of a grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
11650	11700	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high nor/through non- identified geotechnical constraint or rock.
11700	11750	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock. and cuttings and embanitments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of Milliness and Bendiness.
11750	11800	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
11800	11850	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
11850	11900	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
11900	11950	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
11950	12000	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of al grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
12000	12050	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high nor/through non- identified geotechnical constraint or rock.
12050	12100	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- district of descent biolek compared to the theory of the test of
12100	12150	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	identified geotechnical constraint or rock. Combination of Milliness and bendiness. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m kingh on/through non- identified geotechnical constraint or rock. Combination of Milliness and Bendiness.

				1	1					1								Combination of at grade construction on non-identified
12120 1212 1<	12150	12200																geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
			-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access
12200 12300 1	12200	12250																geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
	12250	12200	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified
1330 1330 13 1 <	12250	12300																geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
1 1 </td <td>12300</td> <td>12350</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-3</td> <td>-3</td> <td>Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and</td>	12300	12350	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
12400 12400 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>identified geotechnical constraint or rock. Combination of hilliness and bendiness.</td></td<>																		identified geotechnical constraint or rock. Combination of hilliness and bendiness.
1.4. 1.4.	12350	12400	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
	12400	12450	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access Combination of at grade construction on non-identified
1250 1250 1 </td <td></td> <td>embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.</td>																		embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
1 1 </td <td>12450</td> <td>12500</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-3</td> <td>-3</td> <td>Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-</td>	12450	12500	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
1250 1260 4 4 4 4 5 4 4 5 <t< td=""><td></td><td></td><td>-1</td><td>-1</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td></td></t<>			-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	
12600 1260 1 <			-1	-1	-1	-1	0	-3	0	0	0	0	0	-2	0	-6	-6	Embankment up to 7m high on peat
12500 1 <th1< th=""> 1 <th1< th=""> <th1< th=""></th1<></th1<></th1<>			-1	-1	-1	-1	0	-3	0	0	0	0	0	-2	0	-6	-6	Embankment up to 7m high on peat
12700 1 <td></td> <td></td> <td>-1</td> <td>-1</td> <td>-1</td> <td>-1</td> <td>0</td> <td>-3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-6</td> <td>-6</td> <td>Embankment up to 7m high on peat</td>			-1	-1	-1	-1	0	-3	0	0	0	0	0	-2	0	-6	-6	Embankment up to 7m high on peat
12800 12800 1 <			-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-6	Structure ajacent to Peat area - flagged as moderate Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
Image: Market in the second	12750	12800	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
Image: Note:	12800	12850	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of at grade construction on non-identified
12:00 12:00 1 <th1< th=""> 1 <th1< <="" td=""><td></td><td></td><td>-1</td><td>-1</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td>embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access.</td></th1<></th1<>			-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness. Difficult construction access.
1990 1950 - - - - <td>.2850</td> <td>12900</td> <td></td> <td>Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.</td>	.2850	12900																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
et et<	12900	12950	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
Image: Sector of the	12950	13000	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
13000 13100 1 0 0 0 0<	13000	13050	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	identified geotechnical constraint or rock. Combination of hilliness and bendiness.
13100 13100 1310 <	13000	15050	-1	-1	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
1 0 3 4 0	13050	13100																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
1200 1 0 1 0	13100	13150	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
Image: Mark and the state of the s	13150	13200	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
Image: Section of the sectio	13200	13250	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and
Image: A model in the section of the secting section of the section of th	13250	13300	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of at grade construction on non-identified
13300 13350			-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access.
	13300	13350																Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock. Combination of hilliness and bendiness.
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $.3350	13400	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
1 0 1 0 1 0	13400	13450	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of at grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non-
13500 13500 -1 0 -1 0 <th< td=""><td>13450</td><td>13500</td><td>-1</td><td>0</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td>Combination of hilliness and bendiness. Difficult construction access. Combination of a grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.</td></th<>	13450	13500	-1	0	-1	-1	0	0	0	0	0	0	0	-2	0	-3	-3	Combination of hilliness and bendiness. Difficult construction access. Combination of a grade construction on non-identified geotechnical constraint or rock and cuttings and embankments less than 10m high on/through non- identified geotechnical constraint or rock.
13500 13600 -1 0 -1 0 <td< td=""><td>13500</td><td>13550</td><td>-1</td><td></td><td>-1 -1</td><td>-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2 0</td><td></td><td>-3 -2</td><td>-3 -2</td><td>Lompination of hilliness and bendiness. Difficult construction access.</td></td<>	13500	13550	-1		-1 -1	-1								-2 0		-3 -2	-3 -2	Lompination of hilliness and bendiness. Difficult construction access.
13600 13650 4 4 4 4 0	13550	13600																
13700 13750 -1 -1 -1 0 <t< td=""><td>13600</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td></t<>	13600																1	
13750 13800 -1 -1 -1 0 -1 0			-1	0	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	
137 Jo 13800 - -			-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	Cutting up to 11.2m hish in rock
1 2 1 1 0 -1 0 0 0 0 0 1 -1 0 0 0 0 0 0 0 -1 -			-1	-1	-1	-1	0	-1	0	0	0	0	0	0	-1	-3	-3	Combination of hilliness and bendiness. Local disruption due to construction Cutting up to 11.2m high in rock.
	13850	13900	-1	-2 -2		-1 -1		-1 0									-3 -2	
13900 13950 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	13900	13950	-1	-1	-1	-1	0	0	0	0	0	0	0	0	-1	-2	-2	

14000	14050																Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of hilliness and bendiness.
		-1	-1	-1	-1	0	-1	-3	0	0	0	-1	0	-1	-7	-9	Local disruption due to construction
14050	14100	-1	-7	-1	-1	0	-1	-3	0	0	0	-1	0		-7	.9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Millimess and bendiness. Local disruption due to construction
14100	14150			-1	-1	0		-3	0	0	0	0					Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of hilliness and bendiness. Local disruption due to construction
14150	14200		-3	-1	-1	0	-2	-3	-3	0	0	0	0				Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and Bendiness. Local disruption due to construction
14200	14250	-1	-3	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and bendiness. Local disruption due to construction
14250	14300		2		1	0	2			0	0	0			-0		Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and bendiness. Local disruption due to construction
14300	14350					0		-3		0	0	0					Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Iniliness and bendiness. Local disruption due to construction
14350	14400	-	-2	-1	-1		-2		-5			0			-0		Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of hilliness and bendiness. Local disruption due to construction
14400	14450	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	-9	Structure over River Urle and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Millness and bendiness. Load disruption due to construction
14450	14500	-1	-2	-1	-1	0	-2	-3	-3	0	0	0	0	-1	-8	.9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Millimess and bendiness. Local disruption due to construction
14500	14550	-1	2	-1	-1	0	-1	-3	-3	0	0	0	0	4	-3	-9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and bendiness. Local disruption due to construction
14550	14600	-4	-1	-1	-1	0	-1	-3	-3	0	0	0	0	4	-7	-9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and bendiness. Local disruption due to construction
14600	14650	-1	-1	-1	-1	0	-1	-3	-2	0	0	0	0	-1	-6	-9	Structure over River Urie and floodplain. Area of compressible ground. Impact assessed as Major for the structure (650m) and associated engineering works. Combination of Milliness and Bendiness. Local disruption due to construction
14650	14700	-1	0	-1	-1	0	-1	0	-2	0	-3	0	0	-1	-4	-9	Potential attenuation impact due to floodplain
14700	14750																
14750	14800																

D02 Engineering Analyses_ISSUE_02_GIS.xlsx

Criteria

0 Neutral -1 Slight Adverse

Rules Total Score = Alignment Score (Average of E, F, G, H and I) + Geo Score + Structures Score + Flooding Score (Average of L, M and N) +Utilities score + Constructability Score (Minimum value of P&Q) = Total of 6 scores for 6 categories

Then if total < or equal to -9 then should be coloured red because this represents possibility of 3 reds or 4 ambers If total is between -6 and -8 should be coloured amber since this could represent 2 reds or 3/4 ambers.

Chainage				Alignment			Geotechnics	Structures		Flooding and Drainage		Utilities			2016	Copp	
Start Chainage	End Chainage	Alignment Length	Level Difference	Bendiness	Hilliness	Earthworks	Geotechnics	Structures	Flood Plain	Watercourse Crossings	Attenuation requirement	Utilities	Construction access	Temp disruption	Total	Adjusted	Comments
0	50	-1	-1	0	0	-1	-1	-1	0	0	0	0	0	-1	-4	-4	Structure for tie in to existing A96
50 100	100 150	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2 -2	-2	
150	200	-1	0	0	0	-1	0	0	0	0	0	0	0	-1	-1	-1	
200	250	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	Structure over River Urie and Wood Burn.
250	300																Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
300	350	-1	-1	0	0	-1	-2	-3	0	0	0	0	0	-1	-7 -7	-9 -9	level differences and earthworks/m Structure over River Urle and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
350	400																Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
400	450	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	essociated angineering works. level differences and earthworks/m Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. level differences and earthworks/m
450	500	-1	-3	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
500	550 600	-1	-3	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m Structure over River Urie and Wood Burn.
		-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. level differences and earthworks/m
600	650																Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
650	700	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	level differences and earthworks/m Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
700	750	-1	-2	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
750	800	-1	-2	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
800	850	-1	-2	0	0	-1	-1	-3	0	0	0	0	0	-1	-6	-9	Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m Evel differences and earthworks/m
850	900																Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works.
900	950	-1	-2	0	0	-1	0	-3	0	0	0	0	0	-1	-5	-9 -9	level differences and earthworks/m Structure over River Urie and Wood Burn. Area of compressible ground. Impact assessed as Major for the structure (700m) and associated engineering works. Ievel differences and earthworks/m
950 1000	1000	-1	-1	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 18.9m high in non-identified geotechnical constraint combination of level differences and earthworks/m Cutting up to 18.9m high in non-identified geotechnical constraint
1050	1100	-1	-2	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	combination of level differences and earthworks/m Cutting up to 18.9m high in non-identified geotechnical constraint combination of level differences and earthworks/m
1100	1150	-1	-2	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 18.9m high in non-identified geotechnical constraint combination of level differences and earthworks/m
1150	1200	-1	-2	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	Cutting up to 18.9m high in non-identified geotechnical constraint combination of level differences and earthworks/m Cutting up to 18.9m high in non-identified geotechnical
1200	1250	-1	-2	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	constraint combination of level differences and earthworks/m Cutting up to 18.9m high in non-identified geotechnical
		-1	-2	0	0	-1	-1	0	0	0	0	0	0	-1	-3	-3	constraint combination of level differences and earthworks/m
1300 1350	1350 1400	-1	-2 -1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
1400	1400	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1 -1	-2 -2	-2	
1450 1500	1500 1550	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	Minor embankment. Combination of level differences and earthworks/m. Local disruption due to construction
1550	1600	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
1600 1650	1650 1700	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
1700	1750	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
1750	1800	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
1800	1850	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	

1850	1900	-1	-1	0	0	-1	0	0	0	0	0	-1	0	-2	-4	-4	Private Water supply
1900	1950																Minor cutting. Combination of level differences and earthworks/m.
1950	2000	-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor cutting.
		-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	Combination of level differences and earthworks/m. Local disruption due to construction
2000	2050			0	0		0	0	0	0	0	0	0		-3		Minor cutting. Combination of level differences and earthworks/m. Local disruption due to construction
2050	2100	-1	-1	0	0	-1	0	0	0	0		0	0	2	-3	-3	Minor cutting. Combination of level differences and earthworks/m.
2100	2450	-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction Minor cutting.
2100	2150	-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	Combination of level differences and earthworks/m. Local disruption due to construction
2150	2200																Minor cutting. Combination of level differences and earthworks/m.
2200	2250	-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	Local disruption due to construction
2250	2300	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
2300	2350	-1	0	0	0	-1	0	0	0	0	0	0	0	-2	-2	-2	
2350	2400																Minor embankment on potentially compressible ground
		-1	-1	0	0	-1	0	0	0	0	0	0	0	-2	-3	-3	combination of level differences and earthworks/m local disruption due to construction
2400	2450																Minor embankment on potentially compressible ground
		-1	-1	0	0	-1	-1	0	0	0	0	0	0	-2	-4	-4	combination of level differences and earthworks/m local disruption due to construction
2450	2500																Minor embankment on potentially compressible ground combination of level differences and earthworks/m
2500	2550	-1	-1	0	0	-1	-1	0	0	0	0	0	0	-2	-4	-4	local disruption due to construction
2300	2330																Minor embankment on potentially compressible ground combination of level differences and earthworks/m
2550	2600	-1	-1	0	0	-1	-1	0	0	0	0	0	0	-2	-4	-4	local disruption due to construction
2550	2000																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
2600	2650	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
														_			Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
2650	2700	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m. Minor construction access impacts.
2700	2750	-		0	0			0	0	0	0	3	-	0		3	Minor construction access impacts. Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
2750	2800																Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
2800	2850																Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
2850	2900																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
2000	2050	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
2900	2950																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
2950	3000	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
2550	3000																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
3000	3050	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
		-1		0	0			0	0	0	0	0		0			Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m. Minor construction access impacts.
3050	3100			Ū	0			0	0	Ū		0					Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3100	3150																Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3150	3200																Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3200	3250																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
3250	3300	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
3230	3300																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
3300	3350	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts.
				0	0				0		0	0		0			Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
3350	3400	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	U	-3	-3	Minor construction access impacts. Minor embankment on potentially compressible ground.
		-1	.1	0	0	.1	.1	0	0	0	0	0		0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3400	3450									-		-					Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3450	3500																Minor embankment on potentially compressible ground.
		-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3500	3550																Minor embankment on potentially compressible ground.
2550	2602	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impacts.
3550	3600																Minor embankment on potentially compressible ground. Combination of level differences and earthworks/m.
2600	2650	-1	-1	0	0	-1	-1	0	0	0	0	0	-1	0	-3	-3	Minor construction access impacts. Structure for Bonnyton Burn Crossing
3600	3650																Area of compressible ground combination of level differences and earthworks/m
3650	3700	-1	-1	0	0	-1	-1	-1	-1	0	0	0	-1	0	-4	-4	minor construction access impact
3700	3750	-1	-1	0	0	-1	0	-1	-1	0	0	0	-1	0	-3 -3	-3 -3	
3750	3800	-1	-1	0	0	-1	0	0	-1	0	0	0	-1	0	-2	-3	Likely compressible ground (RO) in combination with structure / embankment
3800	3850	-1	0	0	0	-1	0	0	-1	0	0	0	-1	0	-2	-3	Likely compressible ground (RO) in combination with structure / embankment
3850	3900																Area of compressible ground. Alignment within 100m of floodplain.
2000	2055	-1	0	0	0	-1	-1	0	-1	0	0	0	-1	0	-3	-3	Combination of level differences and earthworks/m. Minor construction access impact Area of compressible ground.
3900	3950																Area of compressible ground. Alignment within 100m of floodplain. Combination of level differences and earthworks/m.
2050	4000	-1	0	0	0	-1	-1	0	-1	0	0	0	-1	0	-3	-3	Minor construction access impact Area of compressible ground.
3950	4000																Alignment within 100m of floodplain. Combination of level differences and earthworks/m.
4000	4050	-1	-1	0	0	-1	0	0	-1	0	0	0	-1	0	-2	-2	Minor construction access impact
4000 4050	4050	-1	-1	0	0	-1	0	0	0	0	0	0	-1	0	-2	-2	
4100	4150	-1	0	0	0	-1	0	0	0	0	0	0	-1	0	-1	-1	
4150	4200	-1	0	0	0	-1	0	0	0	0	0	0	-1	0	-1	-1	
4200	4250	-1	-1	0	0	-1	0	0	0	0	0	0	-1	0	-2	-2	
4250 4300	4300 4350	-1	-1	0	0	-1	0	0	0	0	0	0	-1	0	-2	-2	
4350	4400	-1	-1	0	0	-1	0	0	0	0	0	0	-1	0	-2	-2 -2	
4400	4450	-1	-1	0	0	-1	0	0	0	0	0	0	-1	0	-2	-2	
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7700 7750 Combination of at grade construction on non-identified generational constraint and utilities and embanationers in the second constraint and utilities and embanationers in the second constraint constraint and utilities and embanations in the second constraint. Combination of level differences and earthworks/m.	6900 6950 7000 7050 7100 7150 7200 7250 7300 7350 7450 7500	7000 7100 7150 7250 7250 7350 7350 7400 7450 7550 7600 7650		-1 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2		-3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-3 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	protechnical constraint and cuttings and embaniments in than tim high onlycongh non-identified petichnical constraint. Difficult constructions and esthworks/m. Difficult constructions are set and the set petichnical constraint and cuttings and enhaniments is than tim high on/through non-identified petichnical constraint. Combination of large differences and earthworks/m. Difficult construction access.
percentina a constrain a curving and empantements than 10 mb percenting and empany and constraint. Combination of level differences and earthworks/m.	6900 6950 7000 7050 7100 7150 7250 7350 7400 7450 7550	7000 7100 7150 7250 7250 7350 7350 7400 7450 7550 7600 7650		-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-3 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	protechnical constraint and cuttings and embaniments is than tim high onlycongh non-identified petchhical constraint. Difficult constraints and antibuotis/im. Difficult constraints and cuttings and embaniments les beschenical constraint and cuttings and embaniments les than 10m high on/through non-identified petchhical constraint. Cambanation of large differences and earthworks/m. Difficult construction access.
Combination of level affected and a set of the set of t	6900 6950 7000 7050 7100 7150 7250 7300 7350 7400 7450 7550 7500 7550 7600 7650	7000 7050 7100 7150 7250 7300 7350 7450 7500 7550 7650 7650 7700		-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-3 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	protechnical constraint and cuttings and embaniments is than 10m high onlyhoogh non-destrifting extenhical constraint. Combanitor of the eld offerences and earthworks/m. Difficult constructions are access to the eld offerences and earthworks/m. Difficult constructions and exting and enablankments is protechnical constraint and cutting and enablankments is protechnical constraint and cutting and enablankments is protechnical constraint and cutting and enablankments is constraint. Combanation of level afferences and earthworks/m. Difficult construction access. Structure for side road crossing
Combination of level differences and earthworks/m.	6900 6950 7000 7050 7100 7250 7200 7250 7350 7400 7450 7550 7550 7600	7000 7050 7100 7150 7250 7300 7350 7450 7500 7550 7650 7650 7700		-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-3 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	peotenhinal i contrain and cutting and embankments le han fam high onlyhongh noi electrified geotechnical constaint. Combandional research and early and the constraint. Combandion of an end end end early and early and peotechnical contraint and cutting and electrical combandion of an end efferences and earlyhon/s. Structure for side read crossing Structure for side read crossing Combandion of an end constraint of the side read crossing Combandion of an end constraint of the side read crossing Combandion of an end constraint of the side read crossing Combandion of an end constraint of the side read crossing Combandion of an end constraint on one-identified Combandion of an end construction on non-identified Combandion of an end construction on non-identified Combandion of an end construction on non-identified Combandion of an end cutting and embankments les
-1 -1 0 0 -1 0 0 0 0 0 0 -2 0 -3 -3 Official construction access	6900 6950 7000 7050 7100 7150 7250 7300 7350 7400 7450 7550 7500 7550 7600 7650	7000 7050 7100 7150 7250 7300 7350 7450 7500 7550 7650 7650 7700		-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-3 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	protechnical constraint and cuttings and embaniments is than this high onlyhoogh noi-identified protechnical constraint. Combination of a relief afferences and earthworks/m. Combination of a grade construction on noi-identified protechnical constraint and cuttings and enablishinests its han Sun high on/through noi-identified gottechnical constraint. Combination of level afferences and earthworks/m. Structure for side read crossing
	6900 6950 7000 7050 7100 7150 7250 7300 7350 7400 7450 7500 7550 7600 7650	7000 7050 7100 7150 7250 7300 7350 7450 7500 7550 7650 7650 7700		-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -2 0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	3 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	peotenhnical constraint and cutings and embaniments is than thin high onlymoigh non-identified geotechnical combination of lowel differences and earthworks/m. Difficut construction access. Control of the order of the constraints on one-identified control of the order of the constraints on one-identified control of the order of the order of the order of the official construction access. Structure for side road crossing Control of the order of t

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7750	7800																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
7800	7850	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of level differences and earthworks/m. Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
																	than 10m high on/through non-identified geotechnical constraint. Combination of level differences and earthworks/m.
7850	7900	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
		-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of level differences and earthworks/m. Difficult construction access
7900	7950																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
7950	8000	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	Combination of level differences and earthworks/m. Difficult construction access Combination of at grade construction on non-identified
																	geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint. Combination of level differences and earthworks/m.
8000	8050	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less
				0	0		0	0	0		0						than 10m high on/through non-identified geotechnical constraint. Combination of level differences and earthworks/m. Difficult construction access
8050	8100	-1	-1	0	0	-1	0	0	0	0	0	0			-3		Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical
		-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	constraint. Combination of level differences and earthworks/m. Difficult construction access Combinations of at marke construction on non-identified
8100	8150																Combination of at grade construction on non-identified geotechnical constraint and cuttings and embankments less than 10m high on/through non-identified geotechnical constraint.
8150	8200	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3 -5	-3	Combination of level differences and earthworks/m. Difficult construction access
8200	8250						-								_		Structure for farm access. Note potential compressible ground and geotech / contamination associated with former
8250	8300	-1	-1	0	0	-1 -1	-2	-2	0	0	0	0	-2	0	-/	-4	railway Dismantled railway - potential for made ground. Also potential for pedestrian/cycle/equestrian route?
8300	8350																Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adjacent
8350	8400	-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	earthworks in potentially compressible material. Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential
8400	8450	-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	watercourse diversion as alternative to structure. Adjacent earthworks in potentially compressible material.
8400	8450	-1	0	0	0	-1	-1	-2	0	0	0	0			.5	3	Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adjacent earthworks in potentially compressible material.
8450	8500		0						0		0	0	-				Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adjacent
8500	8550	-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	earthworks in potentially compressible material. Potential longer structure to accommodate route of existing
8550	8600	-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adjacent earthworks in potentially compressible material.
0000		-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adjacent earthworks in potentially compressible material.
8600	8650																Potential longer structure to accommodate route of existing watercourse and associated geotechnical works. Potential watercourse diversion as alternative to structure. Adiacent
8650	8700	-1	0	0	0	-1	-1	-2	0	0	0	0	-2	0	-5	-5	watercourse diversion as alternative to structure. Adjacent earthworks in potentially compressible material. Cutting up to 12.3m (but greater than 5m) high in potentially compressible material (former sewage works present at
8700	8750	-1	-1	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	chainage 8700-8750 - possible made ground and contamination source). Structure for side rod crossing. Meikle Wartle WWTW (1957) within alignment at this location. Possible
8750	8800	-1	-1	0	0	-1	-2	-2	0	0	0	-3	-2	0	-10	-10	contamination at WWTW Earthworks cutting in slope above up to 12.3m (but greater
8800	8850	-1	-2	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	than Sm) high in/ near to potentially compressible material. Earthworks cutting in slope above up to 12.3m (but greater
8850	8900	-1	-2	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	than Sm) high in/ near to potentially compressible material. Earthworks cutting in slope above up to 12.3m (but greater
8900	8950	-1	-2	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	than 5m) high in/near to potentially compressible material. Earthworks cutting in slope above up to 12.3m (but greater
8950	9000	-1	-2	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	than 5m) high in/ near to potentially compressible material.
9000	9050	-1	-1	0	0	-1	-2	0	0	0	0	0	-2	0	-5	-5	Earthworks cutting in slope above up to 12.3m (but greater than 5m) high in/ near to potentially compressible material.
5000	5050	-1	-1	0	0	-1	-1	0	0	0	0	0	-3	0	-4	-4	Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
9050	9100																Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material.
9100	9150	-1	-1	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	Combination of level differences and earthworks/m. Difficult construction access Combination of cuttings up to 4.5m high and embankments
		-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
9150	9200																Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m.
9200	9250	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of cuttings up to 4.5m high and embankments
0350	0200	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
9250	9300	-1	0	0	0	-1	-1	0	0	0	0	0	-3	0	-3	-3	Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
9300	9350																Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material.
9350	9400	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	Combination of level differences and earthworks/m. Difficult construction access Combination of cuttings up to 4.5m high and embankments
		-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
9400	9450																Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m.
9450	9500	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	Difficult construction access Combination of cuttings up to 4.5m high and embankments up to 2.5m high in potentially compressible material.
		-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	up to 2.5m night in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access

Process of the state					1												r	
	9500 95	550	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
Sum Sum <td>9550 96</td> <td>600</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-4</td> <td>-4</td> <td>Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access</td>	9550 96	600	-1	-1	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
No. No. </td <td>9600 96</td> <td>650</td> <td></td> <td></td> <td>Ū</td> <td>0</td> <td></td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>*</td> <td></td> <td></td> <td></td> <td>Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material.</td>	9600 96	650			Ū	0		-	0	0	0	0	0	*				Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material.
Image Image <t< td=""><td>9650 97</td><td>700</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-4</td><td>-4</td><td>Combination of level differences and earthworks/m. Difficult construction access Combination of cuttings up to 4.5m high and embankmen</td></t<>	9650 97	700	-1	-1	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	Combination of level differences and earthworks/m. Difficult construction access Combination of cuttings up to 4.5m high and embankmen
N N N N			-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
900 900 91 </td <td>9700 97</td> <td>750</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-3</td> <td>-3</td> <td>Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access</td>	9700 97	750	-1	0	0	0	-1	-1	0	0	0	0	0	-2	0	-3	-3	Combination of cuttings up to 4.5m high and embankmen up to 2.5m high in potentially compressible material. Combination of level differences and earthworks/m. Difficult construction access
mm	9750 98	800	-1	-1			-1	0		0				-2	0		-3	Combination of level differences and earthworks/m difficult construction access
momen momen <t< td=""><td>9800 98</td><td>850</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td>Combination of level differences and earthworks/m difficult construction access</td></t<>	9800 98	850	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	Combination of level differences and earthworks/m difficult construction access
9900 1000 10 1 <			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	Combination of level differences and earthworks/m difficult construction access
1000 10000 1000 <					-			-										
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10000 1000			-1	-1	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	Embankment tup to 11m high in non-identified ground
Non-No			-1	-2	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	Embankment tup to 11m high in non-identified ground
consol import import </td <td></td> <td></td> <td>-1</td> <td>-1</td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>-2</td> <td></td> <td>-3</td> <td>-3</td> <td>difficult construction access</td>			-1	-1			-1			0				-2		-3	-3	difficult construction access
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10900 1 0 <td< td=""><td></td><td></td><td>-1</td><td></td><td></td><td></td><td>-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td></td><td></td><td></td></td<>			-1				-1							-2				
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11300 1300 0<														-2		1		
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1350 1400 a </td <td></td> <td></td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-3</td> <td>-3</td> <td>difficult construction access</td>			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	difficult construction access
11400 11450 4 4 6			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	difficult construction access combination of level differences and earthworks/m
11450 1150 1 1 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 <th0< th=""> 0 <th0< th=""> <th0< td="" th<=""><td></td><td></td><td>-1</td><td>-1</td><td></td><td></td><td>-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td></td><td>-3</td><td>difficult construction access combination of level differences and earthworks/m</td></th0<></th0<></th0<>			-1	-1			-1							-2			-3	difficult construction access combination of level differences and earthworks/m
11500 1.5 1.5 1.4 0 <th< td=""><td></td><td></td><td></td><td>-1</td><td></td><td></td><td>-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td></td><td>-3</td><td>combination of level differences and earthworks/m</td></th<>				-1			-1							-2			-3	combination of level differences and earthworks/m
11500 11600 .				-1										-2				combination of level differences and earthworks/m
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11700 11750 1 0			-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
11750 11800 <			-1		0		-1							-2				
11800 11850			-1	0	0		-1							-2			-2	combination of level differences and earthworks/m
11300 11300			-1	-1			-1							-2			-3	combination of level differences and earthworks/m
111000 11950 1.0 0 <t< td=""><td>11850 11</td><td>1900</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td>combination of level differences and earthworks/m difficult construction access</td></t<>	11850 11	1900	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
111900 12000 1 1 0 <th0< td=""><td>11900 11</td><td>1950</td><td>-1</td><td>-1</td><td>0</td><td>0</td><td>-1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2</td><td>0</td><td>-3</td><td>-3</td><td></td></th0<>	11900 11	1950	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	
12100 1 0 0 1 0 <td></td> <td></td> <td>-1</td> <td>-</td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td></td> <td></td> <td>-3</td> <td>combination of level differences and earthworks/m difficult construction access</td>			-1	-			-1							-2			-3	combination of level differences and earthworks/m difficult construction access
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12150 12200 1 1 0																		combination of level differences and earthworks/m
Image: constraint of the second sec			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	
12200 1 2 0 0 1 0 <td></td> <td></td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-4</td> <td>-4</td> <td>difficult construction access</td>			-1	-1	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	difficult construction access
12300 1 0 <td>12200 12</td> <td>2200</td> <td>-1</td> <td>-2</td> <td>0</td> <td>0</td> <td>-1</td> <td>-1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-2</td> <td>0</td> <td>-4</td> <td>-4</td> <td>combination of level differences and earthworks/m difficult construction access</td>	12200 12	2200	-1	-2	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	combination of level differences and earthworks/m difficult construction access
12300 12350 -	12250 12	2300																combination of level differences and earthworks/m
Image: state of the	12300 12	2350	-1	-2	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	cutting up to 15.2m in rock
12400 12400 1 2 0 0 0 0 0 0 2 0 3 4 distribution accoss 12400 12400 4 4 0 0 1 0			-1	-2	0	0	-1	-1	0	0	0	0	0	-2	0	-4	-4	difficult construction access
12400 12400 1 -1 -0 0 0 0 0 0 2 0 -1 4 differences distances 12450 12500 -1 -1 0<				-2			-1							-2			-3	difficult construction access combination of level differences and earthworks/m
12500 1 1 0 0 0 0 0 0 0 0 2 0 1 0 difficult enderstandes 12500 12500 1 1 1 0				-1										-2			-3	difficult construction access combination of level differences and earthworks/m
12500 12600 1 0				-1													-3	difficult construction access combination of level differences and earthworks/m
12600 12650 -1 0 0 1 0				-1 0			-1							-2 -2			-3	amcult construction access
12700 1 1 0 <td>12600 12</td> <td>2650</td> <td></td> <td></td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td></td> <td></td> <td></td> <td>and block of the off sectors</td>	12600 12	2650					-1							-2				and block of the off sectors
12750 14 4 4 6 0 4 0 0 0 0 0 2 0 4 4 difficult construction access 12750 12800 -4 0 0 -4 0 0 0 0 0 -2 0 -2 -2 12800 12850 -4 0 0 -4 0 0 0 0 0 -2 -2			-1	-1	0	0	-1	0	0	0	0	0	0	-2	o	-3	-3	difficult construction access
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12950 13000 -1 0				-1										-2			-3	combination of level differences and earthworks/m
13000 1 -1 -1 0 0 1 0 </td <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td></td> <td></td> <td>-3</td> <td></td>				0										-2			-3	
13100 -1 -1 0 0 1 0 </td <td></td> <td></td> <td>-1</td> <td>-1</td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-2</td> <td></td> <td>-3</td> <td>-3</td> <td>combination of level differences and earthworks/m difficult construction access</td>			-1	-1			-1							-2		-3	-3	combination of level differences and earthworks/m difficult construction access
13100 -1 -1 0 0 -1 0 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13150 13200 -1 -1 0 0 1 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13200 13250 -1 -1 0 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13200 13250 -1 -1 0 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13200 13250 -1 -1 0 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13250 12-0 0 0 0 0 0 0 -2 0 -3 -4 difficiencestruction access 13250 12200 -1 -1 0 0 0 0 0 0 0 <			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
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L32.00 -1 -1 -0 0 -1 0 0 0 0 0 -2 0 -3 -3 efficial construction access 132.00 -1 -1 -0 0 0 0 0 -2 0 -3 -3 efficial construction access 132.00 -1 -1 -0 0 0 0 -2 0 -3 -3 efficial construction access 132.00 -1 -1 -1 0 0 0 0 -2 0 -3 -3 efficial construction access 0 -1 -1 -1 0 0 0 0 -2 0 -3 -3 efficial construction access 0 -1 -1 -1 0 0 0 0 0 -2 0 -3 -3 efficial construction access 0 -1 -1 -1 -1 0 0 0			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	difficult construction access
			-1	-1			-1							-2			-3	difficult construction access combination of level differences and earthworks/m
			-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	difficult construction access combination of level differences and earthworks/m

	1							-	-		-						
13350	13400	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
13400	13450	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
13450	13500	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13500	13550	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13550	13600	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13600	13650	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13650	13700	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13700	13750	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13750	13800	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
13800	13850	-1	-1	0	0	-1	0	0	0	0	0	0	-2	0	-3	-3	combination of level differences and earthworks/m difficult construction access
13850	13900	-1	0	0	0	-1	0	0	0	0	0	0	-2	0	-2	-2	
13900	13950	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
13950	14000	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14000	14050	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14050	14100	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14100	14150	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14150	14200	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14200	14250	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14250	14300	-1	0	0	0	-1	0	0	0	0	0	0	0	-1	-1	-1	
14300	14350	-1	-1	0	0	-1	0	0	0	0	0	0	0	-1	-2	-2	
14350	14400	-1	-2	0	0	-1	-2	-3	0	0	0	-1	o	-1	-8	-9	Structure over River Urie and floodplain Area of compressible ground Impact assessed as Major for the structure (500m) and associated engineering works combination of Milliness and bendiness local disruption due to construction
14400	14450	-1	-2	0	0	-1	-2	-3	0	0	0	0	0	-1	-7	-9	
14450	14500	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	
14500	14550	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	
14550	14600	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	
14600	14650	-1	-2	0	0	-1	-2	-3	-3	0	0	0	0	-1	-8	-9	
14650	14700	-1	-2	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	
14700	14750	-1	-1	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	
14750	14800	-1	-1	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	
14800	14850	-1	-1	0	0	-1	-1	-3	-3	0	0	0	0	-1	-7	-9	
14850	14900	-1	-1	0	0	-1	-1	-3	-1	0	0	0	0	-1	-6	-9	
14900	14950	-1	0	0	0	-1	-1	0	-1	0	0	0	0	-1	-3	-9	
14950	15000	-1	0	0	0	-1	-1	0	-1	0	-3	0	0	-1	-4	-9	Tie in to existing A96 due to proximity to new and existing structures
15000	15050																
15050	15100																
																	-

