

**Aberdeen Western Peripheral Route**  
**Environmental Statement Appendices**  
**Part C: Southern Leg**  
**Appendix A22.1 - Land Capability Assessment**

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Cleanhill Junction to Eastern end of Southern Leg		Max Gradient	Wetness Class	Drainage Status	LCA
Meterage (m)	Soil Description				
200000					Access Denied
200100					Access Denied
200200	0-33 Br SaL 33-42+ LBr Lsa Mottles	2	IV	Imperfect	3.2w
200300	0-32 Br SaSiL free 32+ stopped due to stones	2	I	Free	3.2s
200400	0-28 Br SaSiL free 28+ Br Lsa mottles	2	IV	Imperfect	3.2w
200500	0-32 Br SaL free 32-43+ OrBr SaL free	5	I	Free	3.2s
200590	0-36 Br SaL free 36-47+ LBr SaL Free	3	I	Free	3.2s
200700	0-34 Br SaL free 34-42+ gy Br SaL mottles	1	IV	Imperfect	3.2w
200800	0-29 Br SaL 29-44+ LBr Lsa mottles/ironstaining	1	II	Imperfect	3.2sw
200900	0-30 Br SaL free 30-43+LBr Lsa free	1	I	Free	3.2s
201000	0-35 Br SaL free 35-44+ LBr SaL mottled	1	IV	Free	3.2w
201100	0-28 Br SaL free 28-43+ OrBr SaL slight mottles	3	III	Imperfect	3.2sw
201200	0-27 Br SaL stony free 27-42+ Gy Br SaL mottles	3	IV	Imperfect	3.2w
201300	0-28 Br SaL free 28-40+ Or Br SaL stony free	5	I	Free	3.2s
201400	0-34 Br SaL stony free 34-43+ OrBr SaL free stony	5	I	Free	3.2s
201500	Scrub				4.1
201600	Scrub				4.1
201700	0-20 Br Sa L +stones, 20+ too stony	3	I	Free	3.2s
201800	0-23 Br Sa L + stones, 23+ too stony	3	I	Free	3.2s
201900	0-28 Br SaL +stones 30+ too stony	3	I	Free	3.2s
202000	0-27 Br SaL+stones 27-42 Or Br SaL +stones	1	I	Free	3.2s
202100	0-33 DBr SaL, 33-42+ OrBr SaL	5	I	Free	3.2s
202200	0-34 DBr SaL,+	3	I	Free	3.2s
202300	0-32 DBr SaL, 32-45+ Humose SaL	1	I	Free	3.2s
202400	0-27 Br SaL, 27-41 LBr SaL	4	I	Free	3.2s
202500	0 - 33 DBr SaL, 33-46+ Humose SaL	3	I	Free	3.2s
202600	0-32 DBr SaL, 32-39 Or Br SaL	1	I	Free	3.2s
202700	0-25 Br SaL, 25-33+ OrBr SaL	3	I	Free	3.2s
202800	0-27 Br SaL, 27-53 + Or Br SaL	1	I	Free	3.2s
202850	0-33 Br SaL 33-41+ Or Br SaL	1	I	Free	3.2s
202950	0-27 Br SaL 33-47+ Or Br SaL	3	I	Free	3.2s
203100	0-28 DBr SaL 28-38 Gy Br SaL	3	IV	Imperfect	3.2w
203200	0-34 D Br SaL 34-65 Humose 65+ SaL Gy Br SiCl	1	III	Imperfect	3.2s
203300	0-33 D Br SaL 33-64+ Humose SaL mottles at 45	1	III	Imperfect	3.2w
203400	0-33 Br SaL 33-38 Br SaL	2	II	Imperfect	3.2sw
203500	0-23 D Br Sa L, 23+grey stony bedro ck?	0	I	Free	3.2s
203600	0-30 D Br humose Sa L, 30-55 peat, 55+ L grey + mottled Sa L	0	V	Poor	5.3w
203700	0-34 D Br Sa L, 34-42 humose Sa L, 42-48 grey Sa L, 48+ L grey + mottles Sa L	0	V	Poor	5.3w

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Meterage (m)	Soil Description				
203800	0-27 Humose D Br Sa L, 27+ grey Br Sa L	0	V	Poor	5.3w
203900	0-75 peat, 75+ Br + mottles Sa CL	0	VI	Very Poor	6.3w
204000	0-55 peat, 55+ Br + mottles Sa CL	0	VI	Very Poor	6.3w
204100	0-70 wet peat, 70+ grey + mottles Sa L	0	VI	Very Poor	6.3w
204200	0-23 Humose D Br Sa L, 23+ Lo S	0	I	Free	3.2s
204300	0-25 Humose D Br Sa L, 25+ Lo S	0	I	Free	3.2s
204400	0-25 Br Sa L, 25+ L Br Lo S	0	I	Free	3.2s
204500	0-22 Br Sa L, 22+ L Br Lo S	0	I	Free	3.2s
204600	0-35 Peat, 35+ Lo S	0	V	Poor	5.2w
204700	0-20 Black SaL, 20-35 Black.grey SaL, 35+ grey + mottled SaCL	0	V	Poor	5.3w
204800	0-75 Black Peat, 75+ grey mottled SaCL	0	V	Poor	5.3w
204900	0-42 Black peat, 42+ grey mottled SaCL	0	V	Poor	5.3w
205000	0-35 Black humose SaL, 35+ LBr mottled SiL	0	V	Poor	5.3w
205100	0-35 Black humose SaL, 35+ LBr mottled SiL	2	V	Poor	5.3w
205200	0-40 Black humose SaL, 40+ LBr mottles SiL	4	V	Poor	5.2w
205300					Woodland
205400					Woodland
205500					Woodland
205600					Woodland
205700					Woodland
205800					Woodland
205900					Woodland
206000					Woodland
206100					Woodland
206200					Woodland
206300	0-32 DBr SaL + stones, 32-43 grey Br mottled SaSiL + stones, too stony below 43	5	IV	Imperfect	3.2w
206400	0-37 DBr SaL + stones, 37-47 orange Br mottled SaSiL + stones, too stony below 47	5	IV	Imperfect	3.2w
206500	0-35 DBr SaL + stones, 33-39 Br SaL + stones, too stony below 39	5	I	Free	3.2s

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<b>Cleanhill Junction to Northern end of Southern Leg</b>					
<b>Meterage (m)</b>	<b>Soil Description</b>	<b>Max Gradient</b>	<b>Wetness Class</b>	<b>Drainage status</b>	<b>Lca</b>
100000	0-20 Br SaL+stones, 20-36 grey Br mottled SaL+stones, 36+impenetrable	4	IV	Imperfect	3.2w
100100					Access Denied
100200					Woodland
100300					Woodland
100400					Woodland
100500					Woodland
100600					Woodland
100700					Woodland
100800					Woodland
100900					Woodland
101000	0-39 Br SaL 39 - 49+ Br SaL	6	I	Free	3.2s
101100	0-39 Br SaL 39-50 LBR SaL stones	3	II	Imperfect	3.2sw
101200	0-34 Br SaSiL 34-55 OrBr Lsa mottles	3	IV	Imperfect	3.2w
101300					Woodland
101400					Woodland
101500					Woodland
101600	0-41 Br SaL 41-48 OrBr SaL stones	9	I	Free	3.2sg
101700	0-37 Br SaL v stony	7	I	Free	3.2s
101800	0-40 Br SaL v stony	3	I	Free	3.2s
101950	0-35 LBr Lsa 35-54+ OrBr Lsa	6	I	Free	3.2s
102000					River Dee
102100	0-58 Lsa, 58-76+ Sa	2	I	Free	3.2s
102200	0-67 Lsa, 67-86+ Sa	2	II	Imperfect	3.2s
102300	0-45 Lsa, 46-62LSa, 62-86+ Sa	2	I	Free	3.2s
102400	0-20 Lsa, 20-40+Sa	5	I	Free	3.2s
102500	0-31 Lsa,31-51Lsa	3	I	Free	3.2s
102600	0-46+ Lsa	0	I	Free	3.2s
102700	0-32 Lsa, 32-52+ Lsa	0	I	Free	3.2s
102800	0-35+ Lsa	4	I	Free	3.2s
102900					Housing
103000					Housing
103100					Housing
103200					Housing
103300					Housing
103400					Housing
103500					Housing
103600	0-25 SaL, 25+ LoS	5	I	Free	3.2s
103700	0-30 SaL, 30+ LoS	6	I	Free	3.2s
103800	0-34 SaL, 34+ LoS	2	I	Free	3.2s
103900	0-26 SaL, 26+ LoS	4	I	Free	3.2s
104000	0-25 SaL, 25+ LoS	3	I	Free	3.2s

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104100	0-29 SaL, 29+ LoS	5	I	Free	3.2s
104200	0-26 SaL, 26+ LoS	3	I	Free	3.2s
104300	0-22 SaL, 22+ LoS	2	I	Free	3.2s
104400	0-23 SaL, 23+ LoS	3	I	Free	3.2s
104500	0-27 SaL, 27+ v. hard LoS	2	I	Free	3.2s
104600	0-28 SaL, 28+ LoS	2	I	Free	3.2s
104700	0-29 SaL, 29+ LoS	3	I	Free	3.2s
104760	0-15 SaL, 15+ LoS	4	I	Free	3.2s
104900	0-27 SaL, 27+ LoS	3	I	Free	3.2s
105000	0-25 SaL, 25+ LoS	4	I	Free	3.2s
105100	0-21 SaL, 21+ LoS	5	I	Free	3.2s
105200	0-27 Br SaL, 27+ LoS stoney	5	I	Free	3.2s
105300	0-27 Br SaL, 27+ SaL mottles	7	II	Imperfect	3.2w
105400	0-20 Br SaL+stones, 20+ LoS stoney	7	I	Free	3.2s
105500	0-37 Br SaL, 37+ LoS stoney	5	I	Free	3.2s
105600	0-29 SaL, 29+ LoS	5	I	Free	3.2s
105700	0-20 SaL, 20+ LoS	5	I	Free	6.1s
105800	0-31 humos SaL, 31+ pt pzl & rock	10	III	Imperfect	6.2w
105900	0-12 SaL, 12+ LoS/rock	7	I	Free	6.1s
106000	0-22 SaL, 22+ LoS	3	I	Free	3.2s
106100	0-28 SaL, 28+ LoS	3	I	Free	3.2s
106200					Woodland
106300	0-29 SaL, 29+ LoS	5	I	Free	3.2s
106400	0-29 SaL, 29+ LoS	3	I	Free	3.2s
106500					Road
106600	0-28 SaL, 28+ LoS stoney	5	I	Free	3.2s
106700	0-48	4	I	Free	3.2s
106800	0-29 SaL, 29+ hard LoS	5	I	Free	3.2s
106900	0-41 SaL, 41+ hard LoS	5	I	Free	3.2s
107000	0-29 SaL, 29+ hard LoS	5	I	Free	3.2s
107100	0-32 sSaL, 32+ LoS	4	I	Free	3.2s
107200	0-28 SaL, 28+ LoS	3	I	Free	3.2s
107300	0-29 SaL, 29+ LoS	2	I	Free	3.2s
107400	0-27 Br SaL, 0-45+ Gy Br L Sa	2	IV	Imperfect	3.2w
107500	0-31 Br SaL, 31-42+ Or Br SaL	4	I	Free	3.2s
107580	0-30 Br SaL, 30-43+ LBr Sa L	5	I	Free	3.2s
107670	0-31 Br SaL, 31-52+ Or Br SaL	6	I	Free	3.2s
107730	0-24 SaL, 24+ LoS	3	I	Free	3.2s
107820	0-25 SaL stoney, 25+ LoS stoney	3	I	Free	3.2s
107900	0-28 SaL, stoney, 28+ LoS stoney	4	I	Free	3.2s
spur	0-24 SaL stoney, 24+ LoS stoney	4	I	Free	3.2s
108000	0-20 SaL, 20+ LoS	<5	I	Free	3.2s
108100	0-26 fine SaL, 26+ LoS	<3	I	Free	3.2s

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<b>Meterage (m)</b>	<b>Soil Description</b>	<b>Max Gradient</b>	<b>Wetness Class</b>	<b>Drainage status</b>	<b>Lca</b>
108200	fine SaL stoney, 29+LoS	2	I	Free	3.2s
108300	0-16 SaL stoney, 16+ LoS	3	I	Free	3.2s
108400	0-22 SaL stoney, 25+ LoS stoney	5	I	Free	3.2s
108500	Road				Road
108600	0-33 pt gley, 33+ humos pt	1	V	V. Poor	5.2w
108700	0-27 SaL, 27+ LoS, stoney	4	I	Free	3.2s
108800	0-29 D Br SaL + stones, 29-37 L Br SaL + stones, too stony below 37	6	I	Free	3.2s
108900	0-40 D Br SaL + stones, 40-62 red Br SaL + stones, too stony below 62	7	I	Free	3.2gs
109000	0-33 D Br SaL + stones, 33-45 L Br SaL + stones, too stony below 45	7	I	Free	3.2sg
109100	0-29 SaL+stones, 29+ impenetrable stoney LoS	3	I	Free	3.2s
109200	0-33 DBr SaSiL, 33+ impenetrable stony	2	I	Free	3.2s
109300					Yard
109400	0-50 DBr SaL, 50+ SaSiL	7	I	Free	3.2s
109500	0-23 DBr SaL	7	I	Free	5.2s
109600	0-20 DBr organic SaL, 20+ very compact	7	I	Free	5.2s
109700	0-32 DBr SaL, 32-42 YBr stony compact SaSiL	4	I	Free	3.2s
109800	0-40 DBr SaL, 40-54 YBr compact SaSiL	7	I	Free	3.2s
109900	0-31 DBr SaL, 31-49 YBr LS + stones, +49 impenetrable	7	I	Free	3.2sg
110000	0-26 Dbr SaL+stones, 26-33 yBrSaL+stones, 33+ impenetrable	5	I	Free	3.2s
110100					Woodland
110200	0-22 DBr SaL+stones,22+ impenetrable	3	I	Free	3.2s
110300	0-22 DBr SaL+stones,22+ impenetrable	3	I	Free	3.2s
110400	0-27 Br SaL+stones,27-37 yBrLS+stones37+ impenetrable	6	I	Free	3.2s
110500	0-29DBrSaL+stones, 29-39yBrSaL+stones, 39+ impenetrable	3	I	Free	3.2s
110600	0-30 DBr SaL+stones, 30+ impenetrable	3	I	Free	3.2s
110700	0-27 DBrSaL+stones, 27-35yBrSaL/LS+stones, 35+impenetrable	4	I	Free	3.2s
110800	0 - 25 DBr SaL+stones, 25-35 yBrLS +stones, 35+ impenetrable	6	I	Free	3.2s
110900	0 - 29 DBr SaL+stones, 29-39 yBrSaL/LS+stones, 39+ impenetrable	6	I	Free	3.2s
111000	0 - 29 DBr SaL+stones, 29-39 yBrSaL/LS+stones, 39+ impenetrable	6	I	Free	3.2s
111100	0-26 Br SaL, 26-39yBrLS, 39+ impenetrable	6	I	Free	3.2s
111200	0-26 Br SaL, 26-39yBrLS, 39+ impenetrable	6	I	Free	3.2s
111300	0-26 Br SaL, 26-39yBrLS, 39+ impenetrable	6	I	Free	3.2s