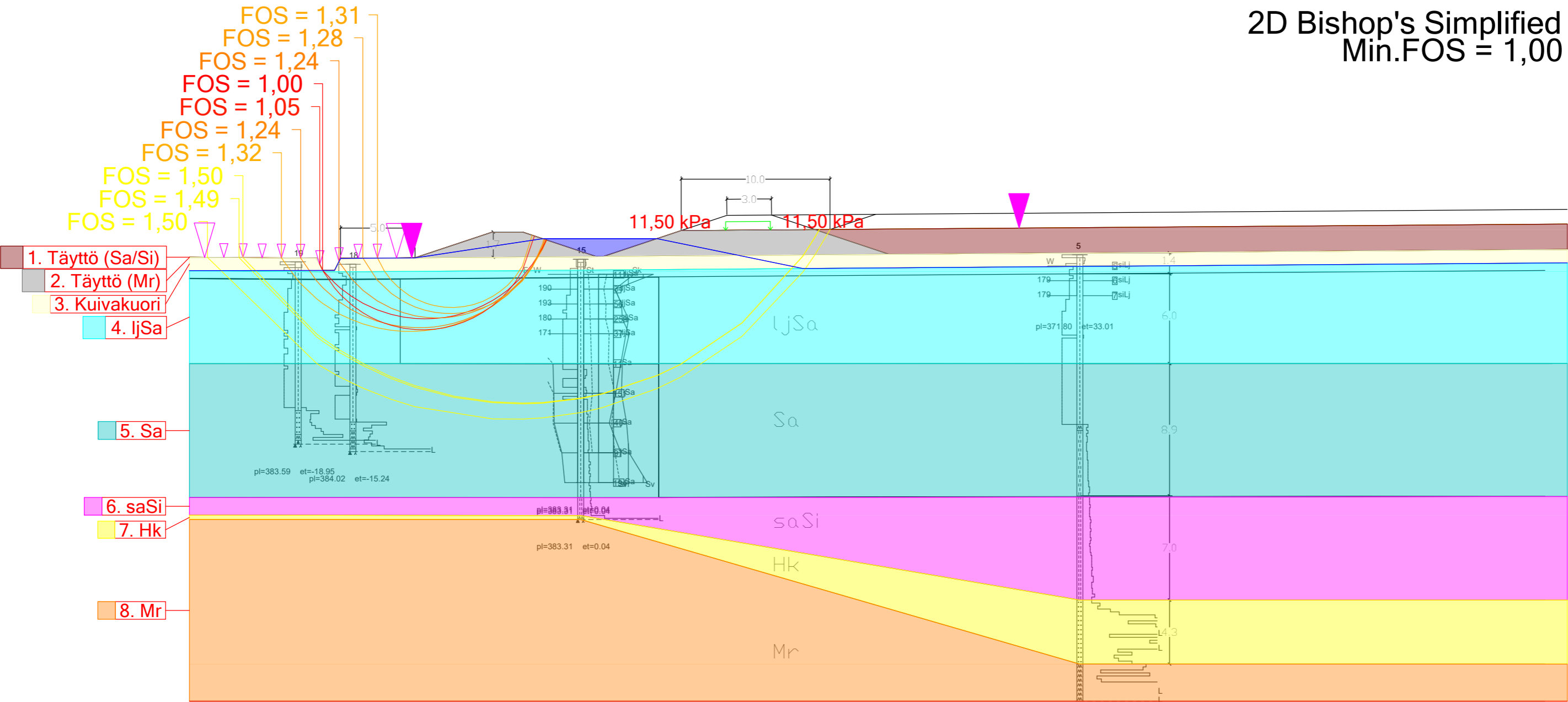


2D Bishop's Simplified Min.FOS = 1,00



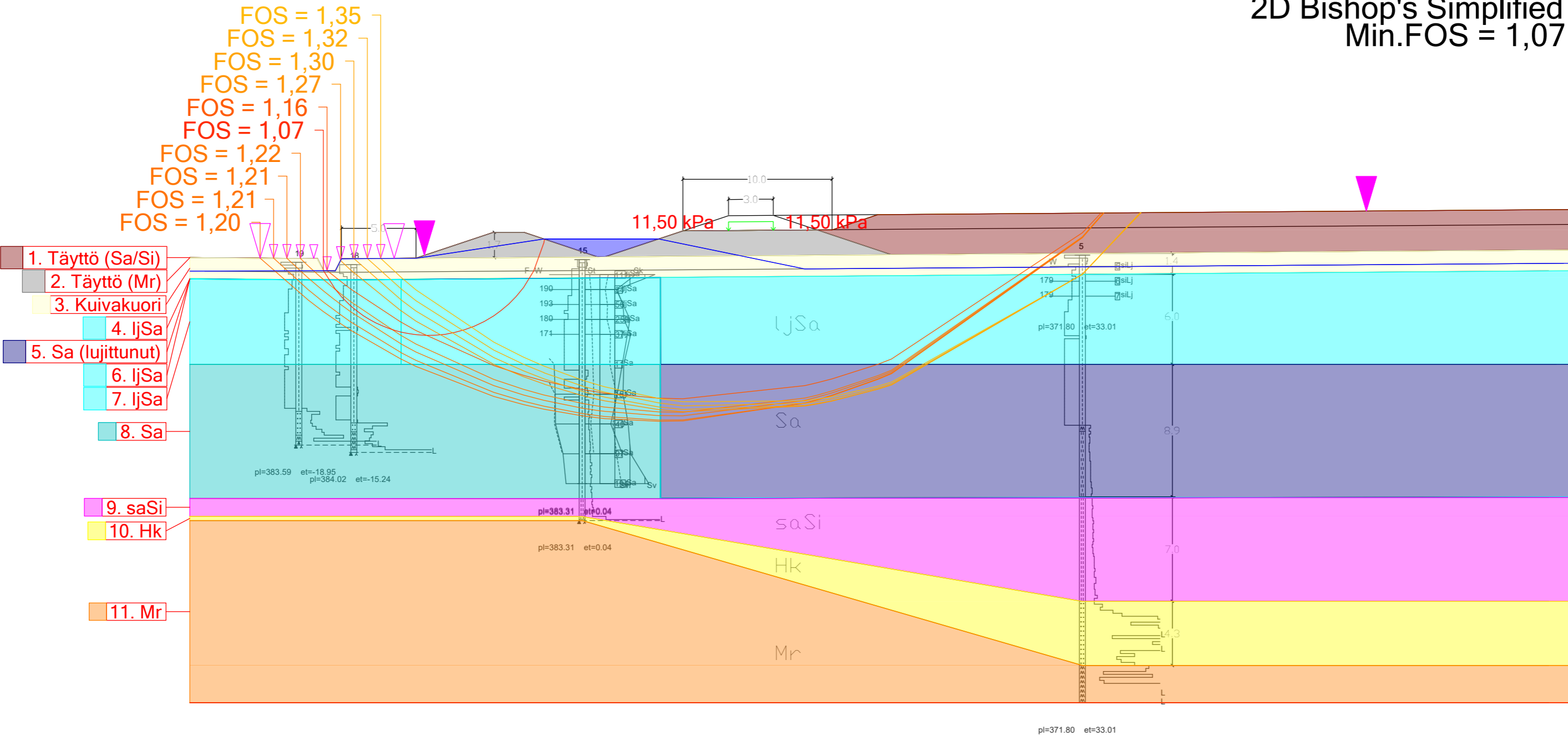
Id	Soil layer	γ [kN/m ³]	γ_{sat} [kN/m ³]	c [kPa]	Φ ' [°]	Δc [kPa/m]	$\Delta \Phi$ ' [°/m]	Material Type	r_u	r_{uq}	$r_{u'}$	Anisotropy Type	SuA/Su0	SuD/Su0	SuP/Su0
1	Täyttö (Sa/Si)	20,00		5,00				Independent on depth				Isotropic			
2	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
3	Kuivakuori	17,00		21,42				Independent on depth				Isotropic			
4	ljSa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
5	Sa	15,00		8,80		0,44		Dependend on layer depth				Isotropic			
6	saSi	16,00			21,32			Independent on depth				Isotropic			
7	Hk	17,00			26,56			Independent on depth				Isotropic			
8	Mr	17,00			28,35			Independent on depth				Isotropic			

Pore Pressure Settings: GW on, PW off, PPC off, r_u off, r_{uq} off, $r_{u'}$ off

Murtorajatila
1,7 m pengerkokeus

507135/Sipoon Sport & Eko park
Sipoo
PL 380
R.Sillanpää/Destia Oy

2D Bishop's Simplified Min.FOS = 1,07

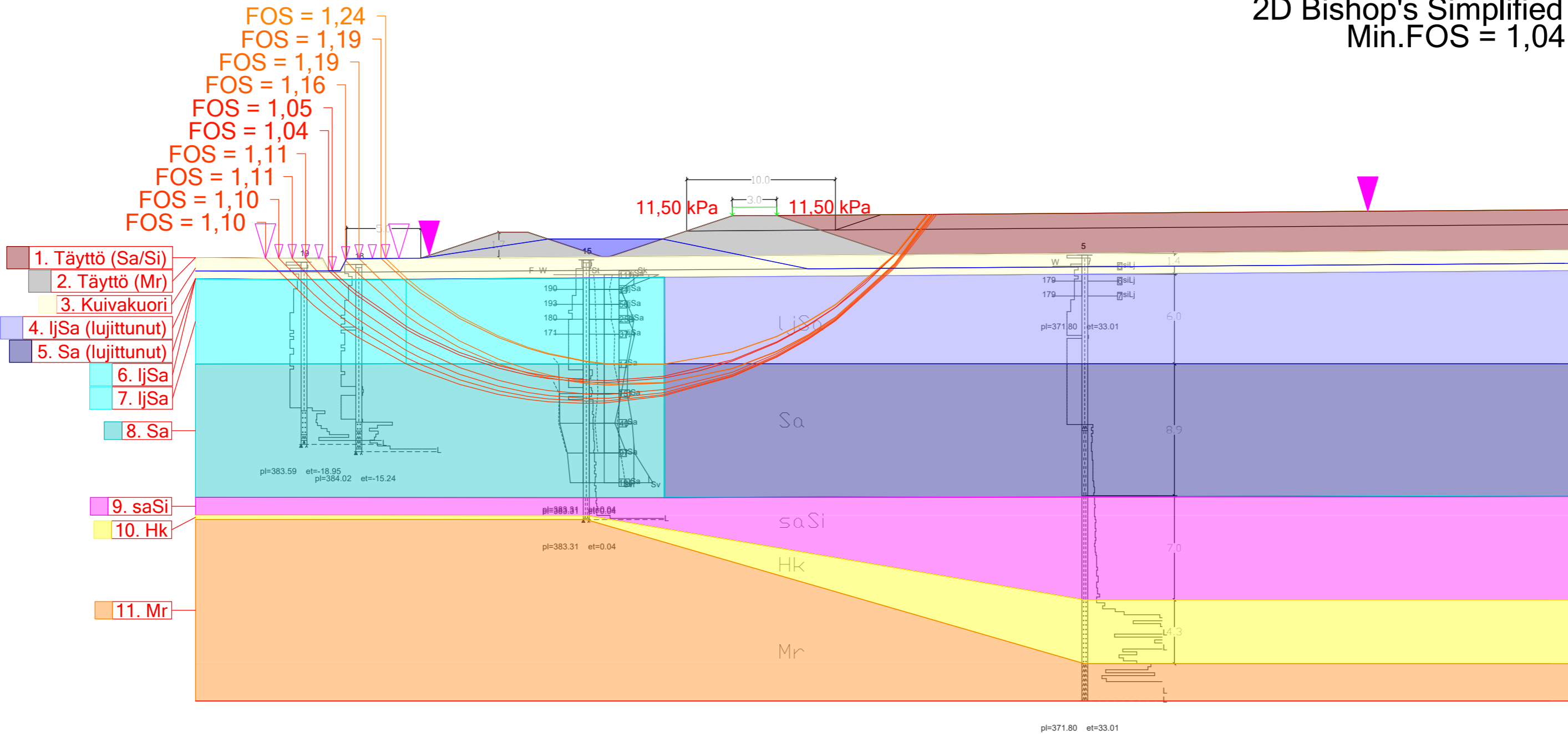


Id	Soil layer	γ [kN/m ³]	γ_{sat} [kN/m ³]	c [kPa]	Φ [°]	Δc [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	r_u	r_{uq}	$r_{u'}$	Anisotropy Type	SuA/Su0	SuD/Su0	SuP/Su0
1	Täyttö (Sa/Si)	20,00		5,00				Independent on depth				Isotropic			
2	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
3	Kuivakuori	17,00		21,42				Independent on depth				Isotropic			
4	lJsa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
5	Sa (lujittunut)	15,00		8,02		0,89		Dependend on layer depth				Isotropic			
6	lJsa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
7	lJsa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
8	Sa	15,00		8,80		0,44		Dependend on layer depth				Isotropic			
9	saSi	16,00			21,32			Independent on depth				Isotropic			
10	Hk	17,00			26,56			Independent on depth				Isotropic			
11	Mr	17,00			28,35			Independent on depth				Isotropic			

Pore Pressure Settings: GW on, PW off, PPC off, r_u off, r_{uq} off, $r_{u'}$ off

Murtorajatila
 2,7 m pengerkokeus
 2. korotus
 507135/Sipoon Sport & Eko park
 Sipoo
 PL 380
 R.Sillanpää/Destia Oy

2D Bishop's Simplified
Min.FOS = 1,04

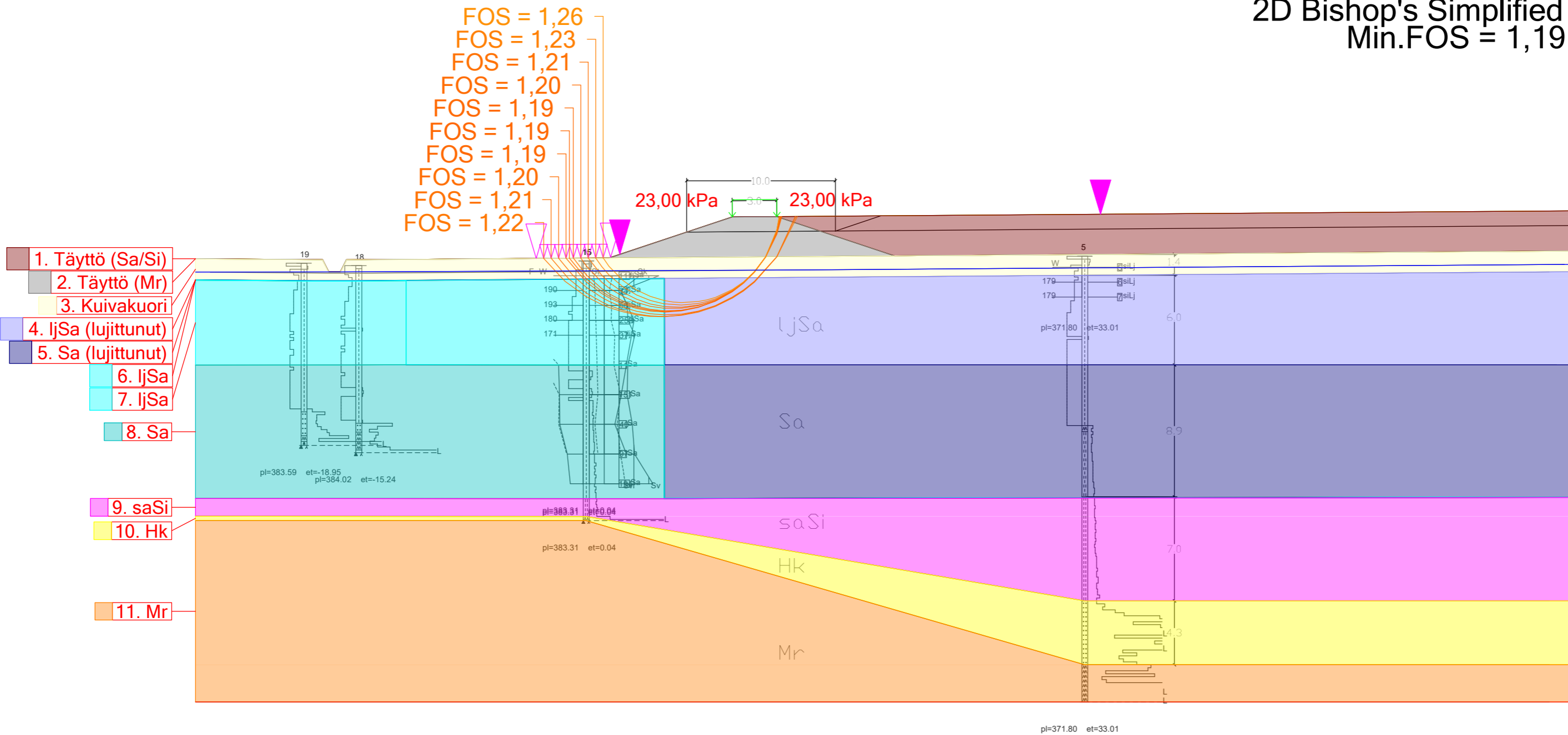


Id	Soil layer	γ [kN/m ³]	γ_{sat} [kN/m ³]	c [kPa]	Φ [°]	Δc [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	r_u	r_{uq}	r_u'	Anisotropy Type	SuA/Su0	SuD/Su0	SuP/Su0
1	Täyttö (Sa/Si)	20,00		5,00				Independent on depth				Isotropic			
2	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
3	Kuivakuori	17,00		21,42				Independent on depth				Isotropic			
4	ljSa (lujittunut)	13,00		6,13		0,51		Dependend on layer depth				Isotropic			
5	Sa (lujittunut)	15,00		9,35		0,89		Dependend on layer depth				Isotropic			
6	ljSa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
7	ljSa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
8	Sa	15,00		8,80		0,44		Dependend on layer depth				Isotropic			
9	saSi	16,00			21,32			Independent on depth				Isotropic			
10	Hk	17,00			26,56			Independent on depth				Isotropic			
11	Mr	17,00			28,35			Independent on depth				Isotropic			

Murtorajatila
2,7 m pengerkokeus
3. korotus

507135/Sipoon Sport & Eko park
Sipoo
PL 380
R.Sillanpää/Destia Oy

2D Bishop's Simplified Min.FOS = 1,19



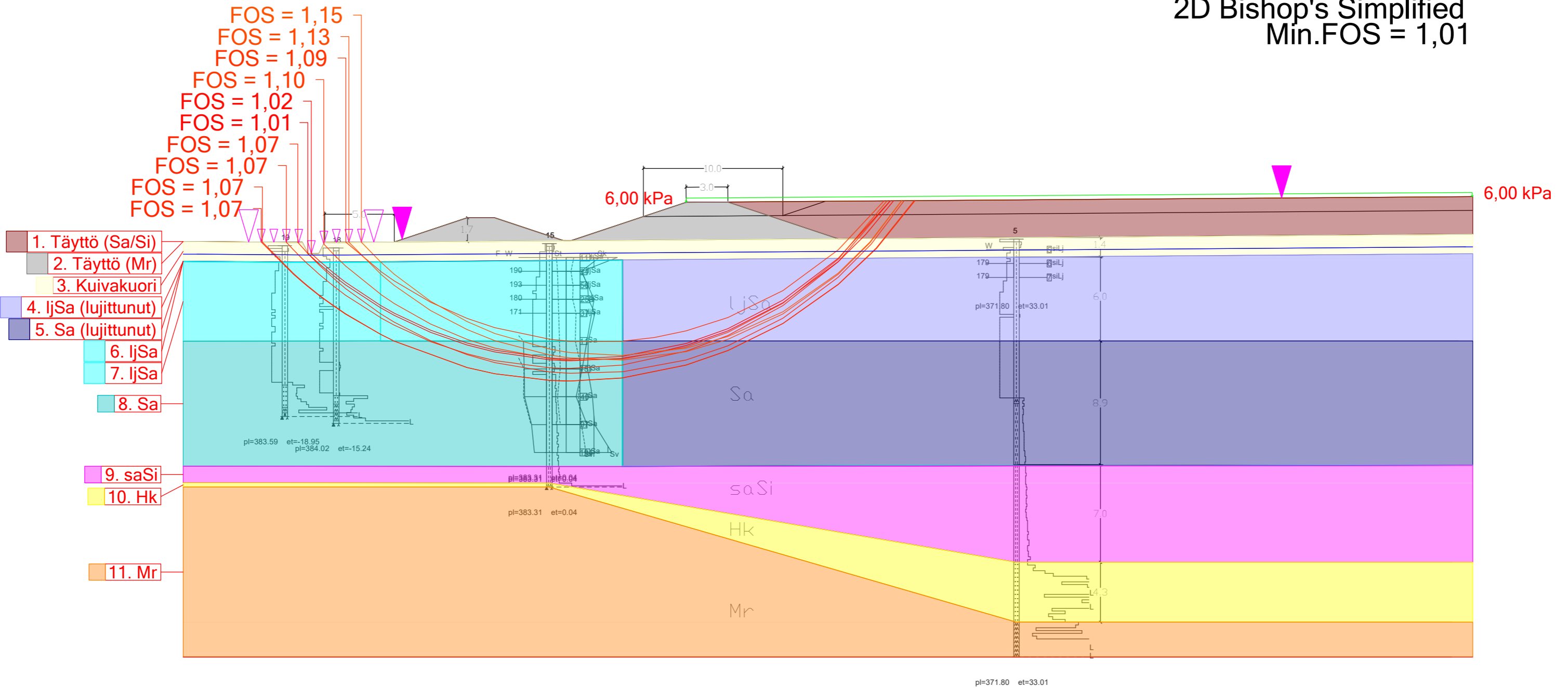
Id	Soil layer	γ [kN/m ³]	γ_{sat} [kN/m ³]	c [kPa]	Φ ' [°]	Δc [kPa/m]	$\Delta \Phi$ ' [°/m]	Material Type	ru	ruq	ru'	Anisotropy Type	SuA/Su0	SuD/Su0	SuP/Su0
1	Täyttö (Sa/Si)	20,00		5,00				Independent on depth				Isotropic			
2	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
3	Kuivakuori	17,00		21,42				Independent on depth				Isotropic			
4	lJsa (lujittunut)	13,00		6,13		0,51		Dependend on layer depth				Isotropic			
5	Sa (lujittunut)	15,00		9,35		0,89		Dependend on layer depth				Isotropic			
6	lJsa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
7	lJsa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
8	Sa	15,00		8,80		0,44		Dependend on layer depth				Isotropic			
9	saSi	16,00			21,32			Independent on depth				Isotropic			
10	Hk	17,00			26,56			Independent on depth				Isotropic			
11	Mr	17,00			28,35			Independent on depth				Isotropic			

Murtorajatila
 2,7 m pengerkokeus
 Viivytysaltaan stabiliteetti

507135/Sipoon Sport & Eko park
 Sipoo
 PL 380
 R.Sillanpää/Destia Oy

Pore Pressure Settings: GW on, PW off, PPC off, ru off, ruq off, ru' off
 End effect in use: K0:0,4 Fos:1,5 Length:10

2D Bishop's Simplified Min.FOS = 1,01



Id	Soil layer	γ [kN/m ³]	γ_{sat} [kN/m ³]	c [kPa]	Φ [°]	Δc [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	r_u	r_{uq}	$r_{u'}$	Anisotropy Type	S_uA/S_{u0}	S_{uD}/S_{u0}	S_{uP}/S_{u0}
1	Täyttö (Sa/Si)	20,00		5,00				Independent on depth				Isotropic			
2	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
3	Kuivakuori	17,00		21,42				Independent on depth				Isotropic			
4	ljSa (lujittunut)	13,00		7,58		0,51		Dependend on layer depth				Isotropic			
5	Sa (lujittunut)	15,00		10,80		0,89		Dependend on layer depth				Isotropic			
6	ljSa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
7	ljSa	13,00		4,00		0,87		Dependend on layer depth				Isotropic			
8	Sa	15,00		8,80		0,44		Dependend on layer depth				Isotropic			
9	saSi	16,00			21,32			Independent on depth				Isotropic			
10	Hk	17,00			26,56			Independent on depth				Isotropic			
11	Mr	17,00			28,35			Independent on depth				Isotropic			

Murtorajatila
2,7 m pengerkokeus
4 v lujittuminen

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Sipoo
PL 380
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