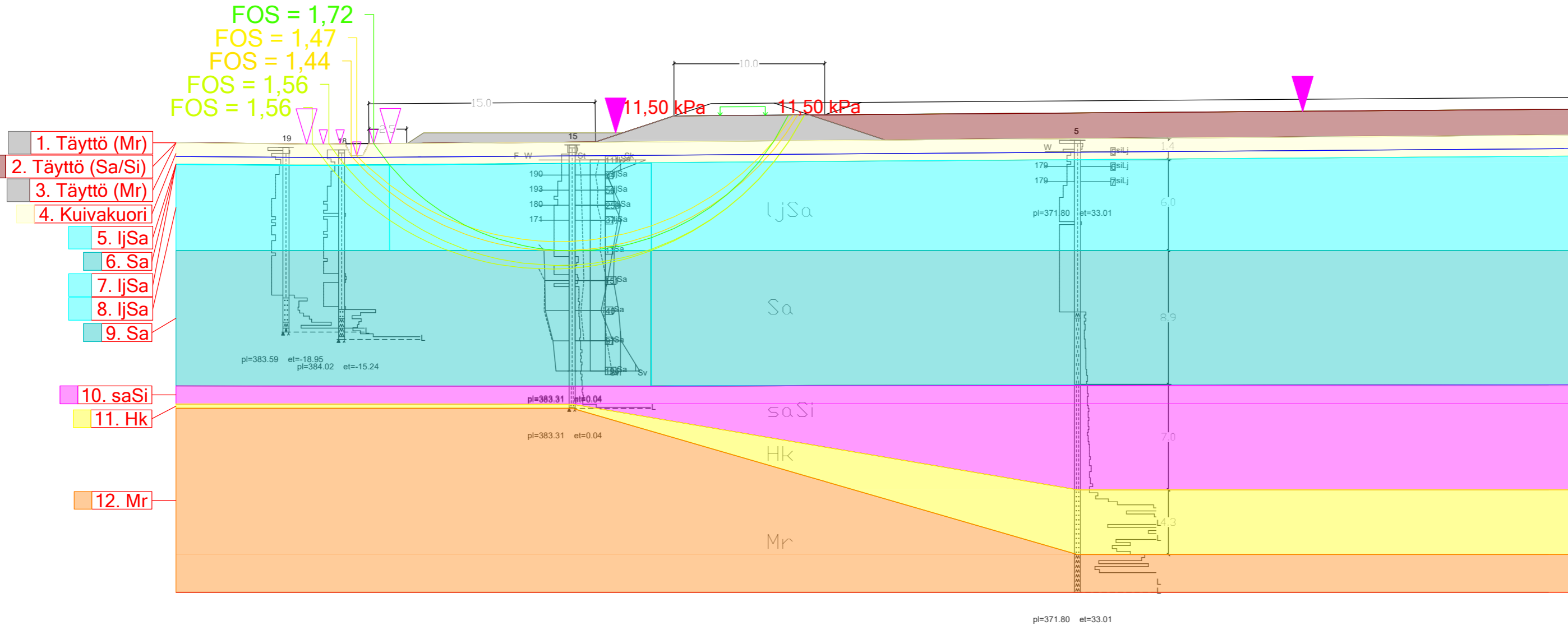


# 2D Bishop's Simplified

Min.FOS = 1,44



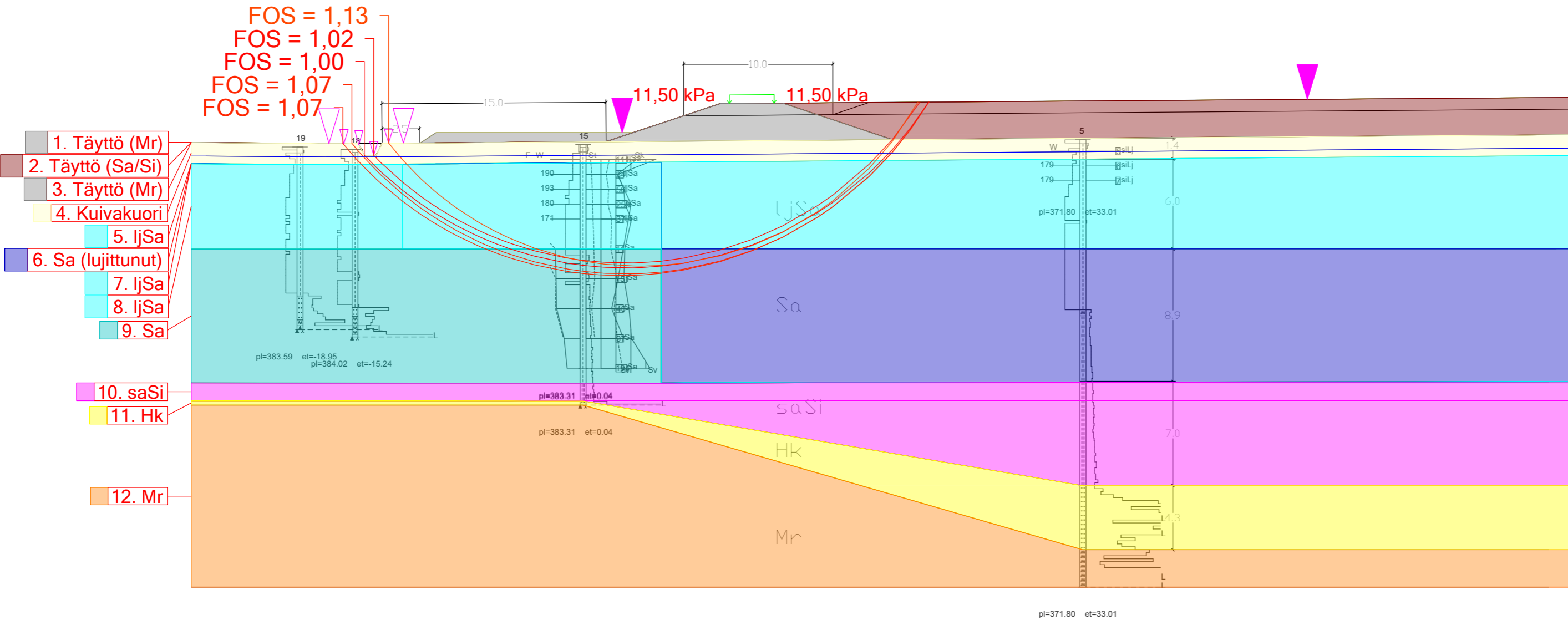
Id	Soil layer	$\gamma$ [kN/m <sup>3</sup> ]	$\gamma_{sat}$ [kN/m <sup>3</sup> ]	c [kPa]	$\Phi$ [°]	$\Delta c$ [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	$r_u$	$r_{uq}$	$r_u'$	Anisotropy Type	SuA/Su0	SuD/Su0	SuP/Su0
1	Täyttö (Mr)	19,00	21,00	0,71	28,35			Independent on depth				Isotropic			
2	Täyttö (Sa/Si)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

Pore Pressure Settings: GW on, PW off, PPC off, ru off, ruq off, ru' off

Murtorajatila  
1,7 m pengerkorkeus  
1. korotus

507135/Sipoon Sport & Eko park  
Sipoo  
PL 255  
R.Sillanpää/Destia Oy

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



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

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 Sipoo  
 PL 255  
 R.Sillanpää/Destia Oy