

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	$r_u$	$r_{uq}$	$r_{u'}$
1	Penger	19,00	19,00	0,00	36,00			Independent on depth			
2	Jätetäyttö	16,00	16,00	25,00	0,00			Independent on depth			
3	Jätetäyttö	17,00	17,00	28,00	0,00			Independent on depth			
4	Sa	17,00	17,00	28,00	0,00			Independent on depth			
5	Hk / Mr	18,50	18,50	0,00	38,00			Independent on depth			

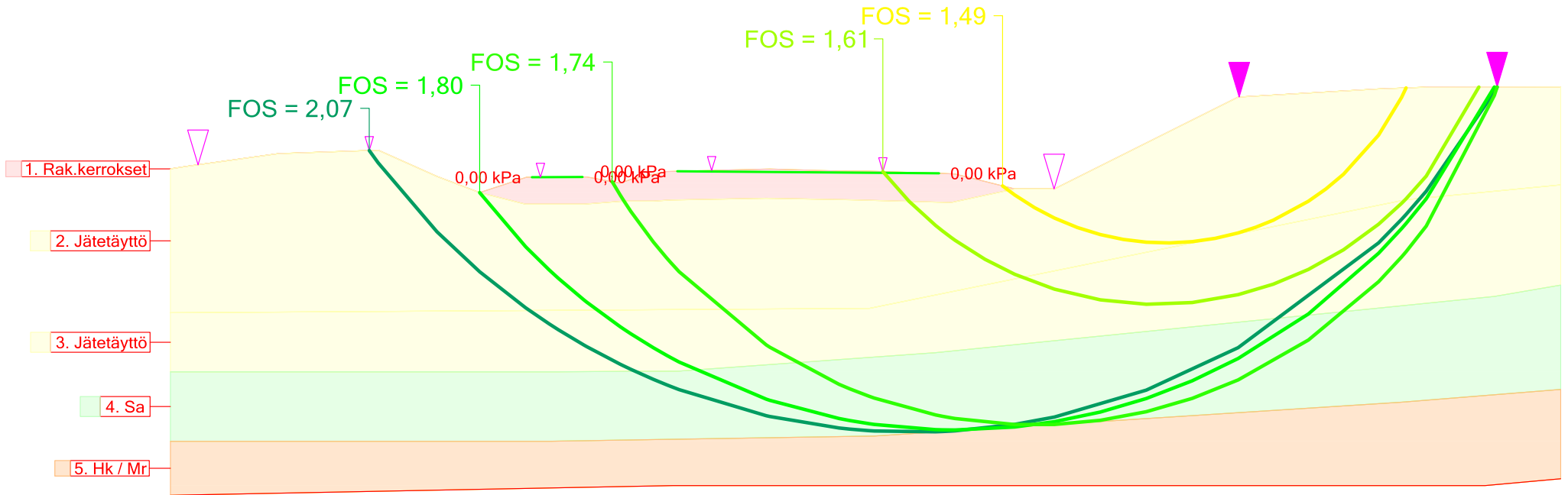
Pore Pressure Settings: GW off, PW off, PPC off, ru off, ruq off, ru' off

/Mustola

Vt13 pl 250

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2D Janbu's Simplified  
 Min.FOS = 1,49  
 fo = 1,08

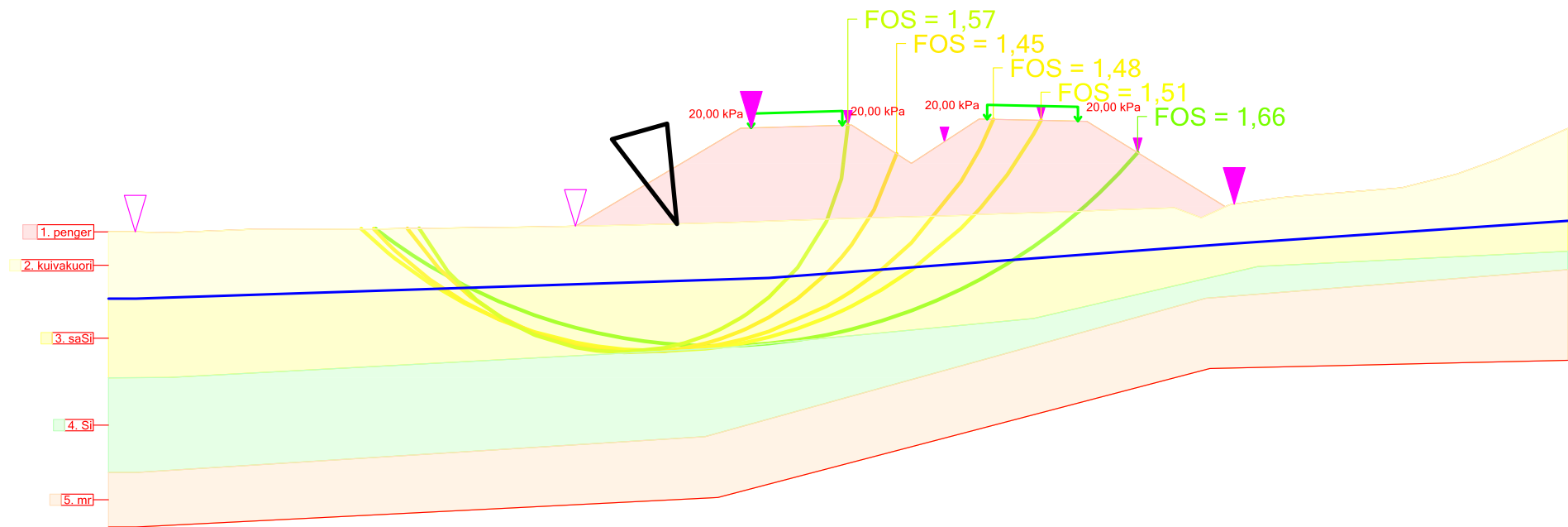


Id	Soil layer	$\gamma$ [kN/m <sup>3</sup> ]	$\gamma_{sat}$ [kN/m <sup>3</sup> ]	c [kPa]	$\Phi$ [°]	$\Delta c$ [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	ru	ruq	ru'
1	Rak.kerrokset	19,00	19,00	0,00	30,16			Independent on depth			
2	Jätetäyttö	16,00	16,00	17,86	0,00			Independent on depth			
3	Jätetäyttö	17,00	17,00	20,00	0,00			Independent on depth			
4	Sa	17,00	17,00	20,00	0,00			Independent on depth			
5	Hk / Mr	18,50	18,50	0,00	32,00			Independent on depth			

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

/Mustola  
 Vt13 pl 250 murtorajatila  
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Novapoint GeoCalc 2.4 (25.04.2014 12:59)

2D Bishop's Simplified  
Min.FOS = 1,45



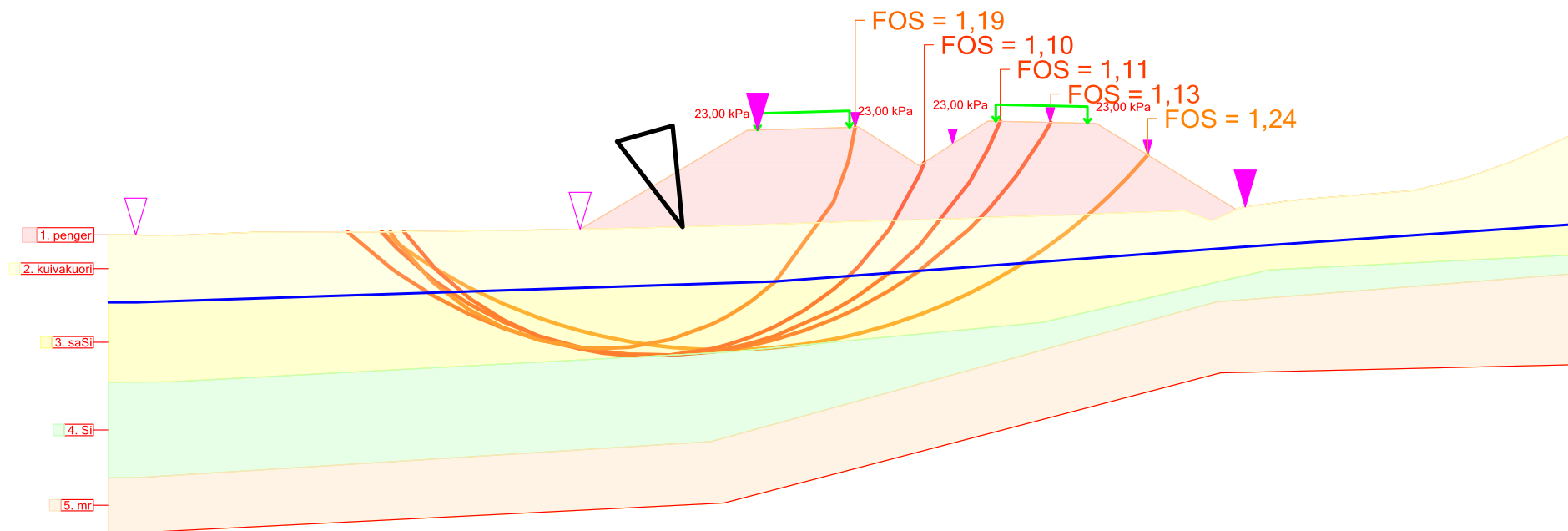
Id	Soil layer	$\gamma$ [kN/m <sup>3</sup> ]	$\gamma_{sat}$ [kN/m <sup>3</sup> ]	$c$ [kPa]	$\Phi$ [°]	$\Delta c$ [kPa/m]	$\Delta \Phi$ [°/m]	Material Type	ru	ruq	ru'
1	penger	19,00	19,00	0,00	34,00			Independent on depth			
2	kuivakuori	18,00	18,00	0,00	35,00			Independent on depth			
3	saSi	16,00	16,00	28,00	0,00			Independent on depth			
4	Si	18,00	18,00	0,00	30,00			Independent on depth			
5	mr	20,00	20,00	0,00	38,00			Independent on depth			

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

/Mustola  
E1R1\_pl40  
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Newpoint GeoCalc 2.4 (25.04.2014 09:06)

2D Bishop's Simplified  
Min.FOS = 1,10



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	ru	ruq	ru'
1	penger	19,00	19,00	0,00	28,35			Independent on depth			
2	kuivakuori	18,00	18,00	0,00	29,26			Independent on depth			
3	saSi	16,00	16,00	20,00	0,00			Independent on depth			
4	Si	18,00	18,00	0,00	24,79			Independent on depth			
5	mr	20,00	20,00	0,00	32,00			Independent on depth			

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

/Mustola  
E1R1\_pl40 murtorajatila  
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