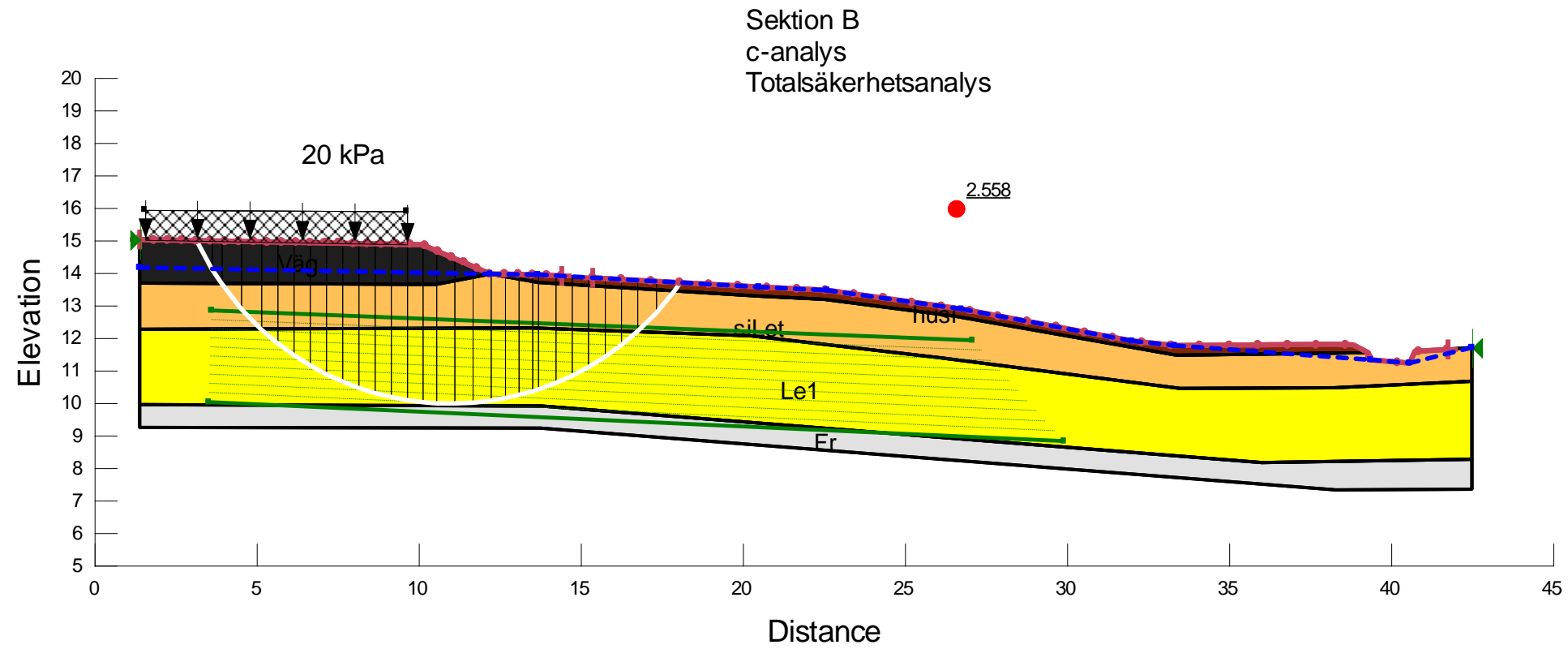


Plan med lägen för beräkningssektioner och planerad framtida väg etc.

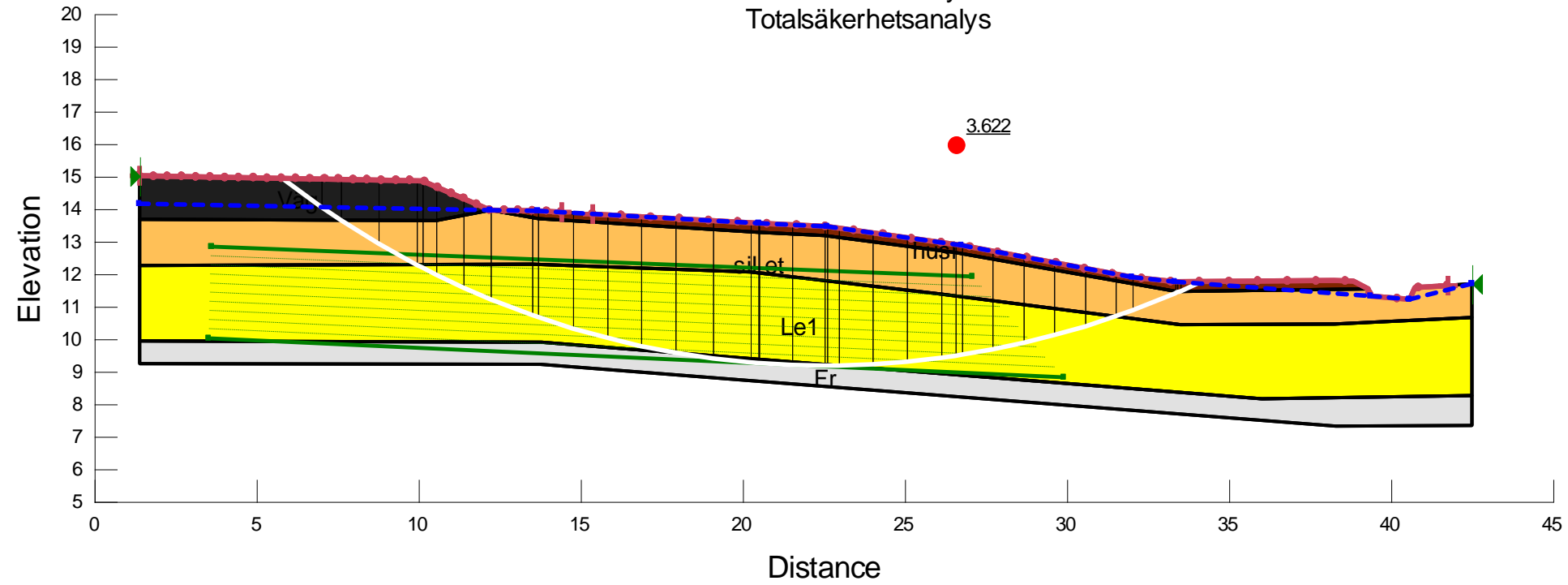
k:\2020\20138\_myggenäs\_9\_1\teknikutredning\pm\bilaga 4 - släntstabilitet.docx



Color	Name	Model	Unit Weight (kN/m³)	C-Top of Layer (kPa)	C-Datum (kPa)	C-Rate of Change ((kN/m²)/m)	C-Maximum (kPa)	Datum (Elevation) (m)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Piezometric Line
Grey	Fr	Mohr-Coulomb	20						0	35	0	1
Brown	husi	Mohr-Coulomb	15						0	30	0	1
Yellow	Le1	S=f(datum)	17		18	0.45	0	12				1
Orange	siLet	S=f(depth)	18.5	30		0	0					1
Black	Väg	Mohr-Coulomb	20						0	35	0	1

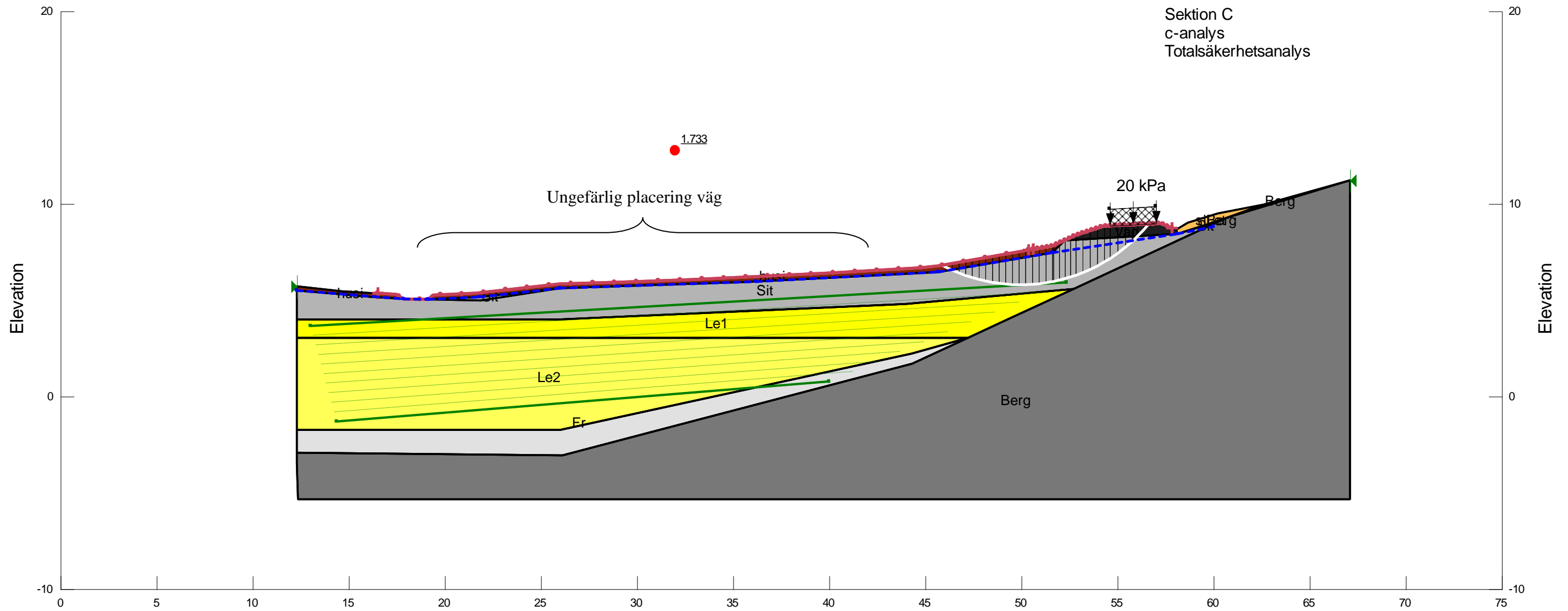
Sektion B, c-analys.

Sektion B  
Kombinerad analys  
Totalsäkerhetsanalys



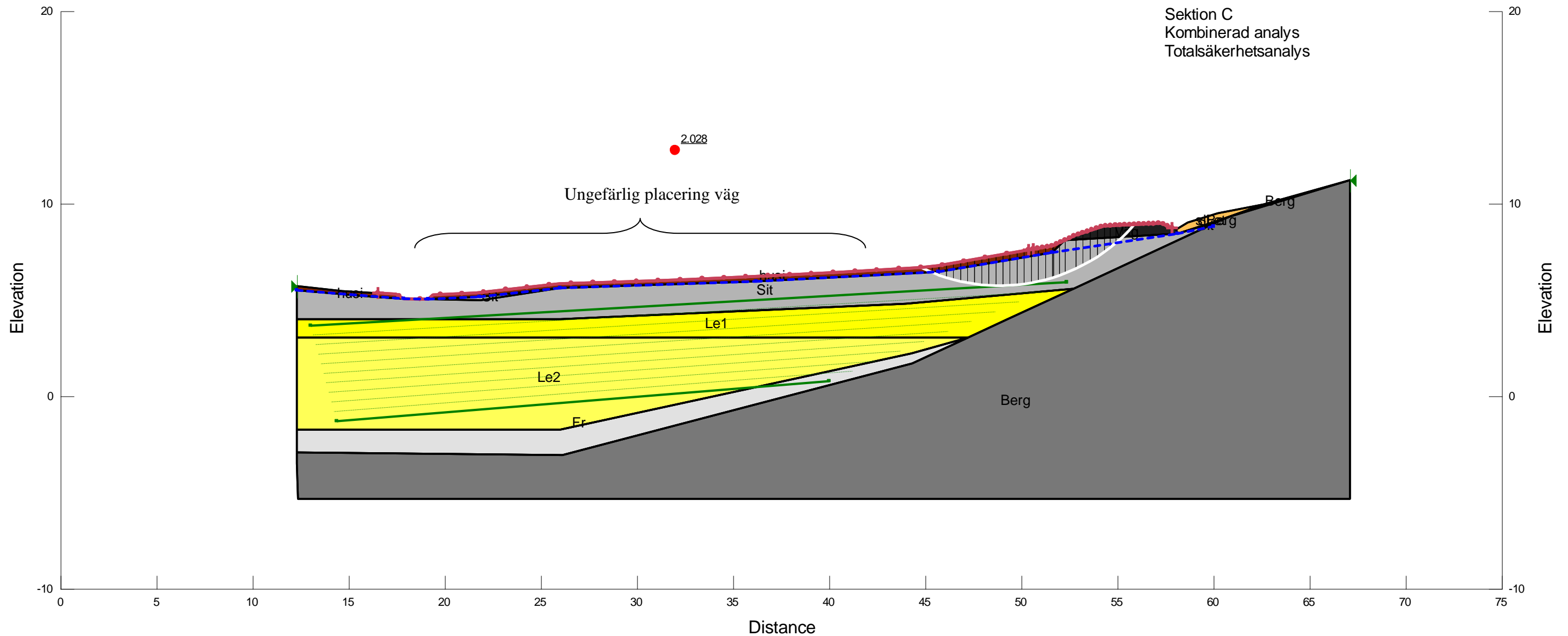
Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	C-Top of Layer (kPa)	Cohesion' (kPa)	Phi' (°)	C-Datum (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	C-Maximum (kPa)	Cu-Datum (kPa)	Cu-Rate of Change ((kN/m <sup>2</sup> )/m)	C/Cu Ratio	Datum (Elevation) (m)	Phi-B (°)	Piezometric Line
Grey	Fr	Mohr-Coulomb	20		0	35								0	1
Dark Brown	husi	Mohr-Coulomb	15		0	30								0	1
Yellow	Le1	Combined, S=f(datum)	17			30	1.8	0.09		18	0.9	0.1	12		1
Orange	siLet	S=f(depth)	18.5	30				0	0						1
Black	Väg	Mohr-Coulomb	20		0	35								0	1

Sektion B, kombinerad analys.



Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	C-Top of Layer (kPa)	C-Datum (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	C-Maximum (kPa)	Datum (Elevation) (m)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Piezometric Line
Grey	Berg	Bedrock (Impenetrable)										1
Light Grey	Fr	Mohr-Coulomb	20						0	35	0	1
Brown	husi	Mohr-Coulomb	15						0	30	0	1
Yellow	Le1	S=f (datum)	17		15	0	0	4				1
Light Yellow	Le2	S=f (datum)	17		11.8	0.43	0	3				1
Orange	siLet	S=f (depth)	18.5	35		0	0					1
Light Grey	Sit	Mohr-Coulomb	19						0	32	0	1
Black	Väg	Mohr-Coulomb	20						0	35	0	1

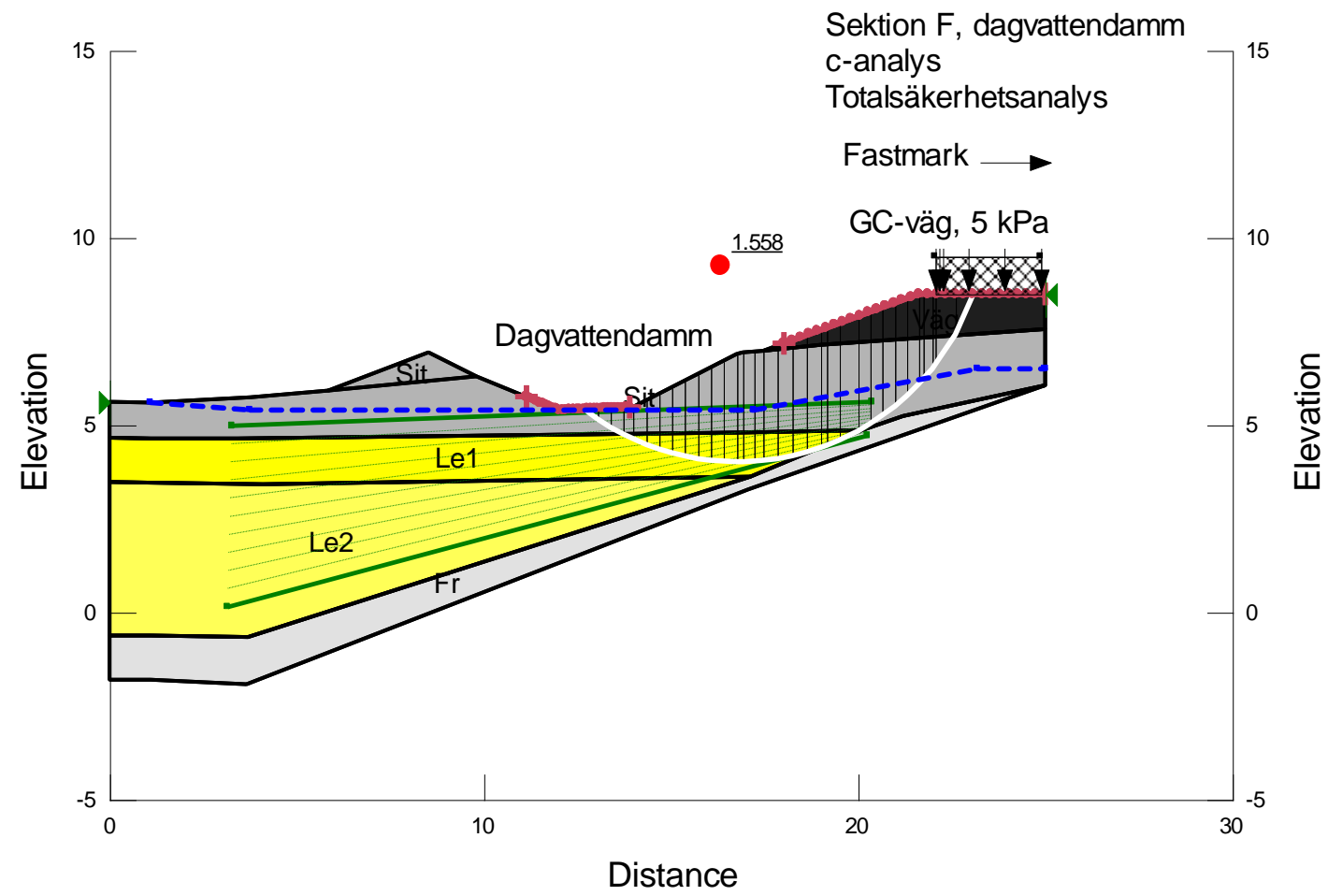
Sektion C, c-analys.



Sektion C  
Kombinerad analys  
Totalsäkerhetsanalys

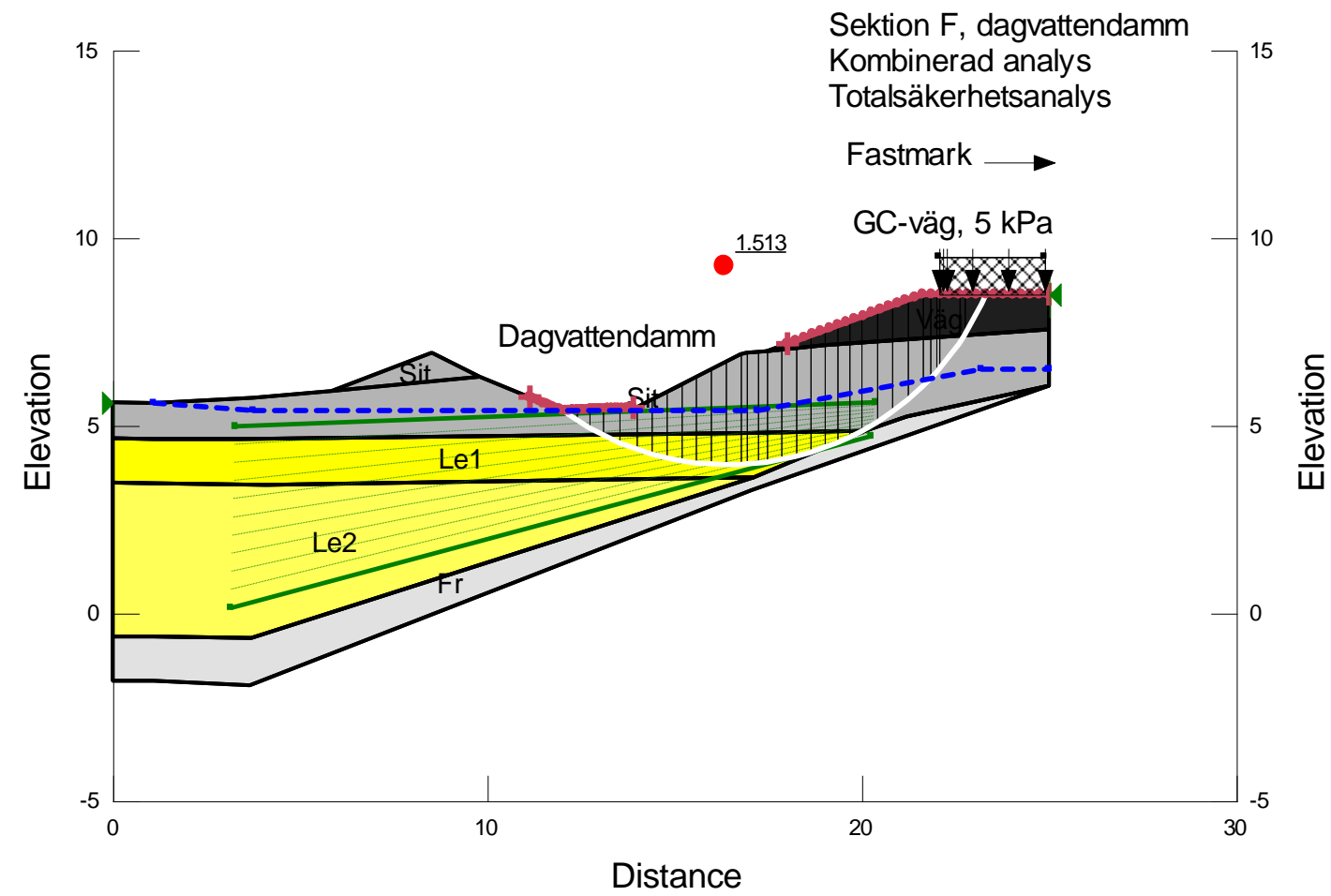
Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	Cohesion' (kPa)	Phi' (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	C-Maximum (kPa)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m <sup>2</sup> )/m)	C/Cu Ratio	Phi-B (°)	Piezometric Line
Grey	Berg	Bedrock (Impenetrable)											1
Light Grey	Fr	Mohr-Coulomb	20	0	35							0	1
Dark Red	husi	Mohr-Coulomb	15	0	30							0	1
Yellow	Le1	Combined, S=f (depth)	17		30	1.5	0		15	0	0.1		1
Light Yellow	Le2	Combined, S=f (depth)	17		30	1.18	0.45		11.8	0.45	0.1		1
Orange	siLet	S=f (depth)	18.5		35	0	0						1
Light Grey	Sit	Mohr-Coulomb	19	0	32							0	1
Dark Grey	Väg	Mohr-Coulomb	20	0	35							0	1

Sektion C, Kombinerad analys.



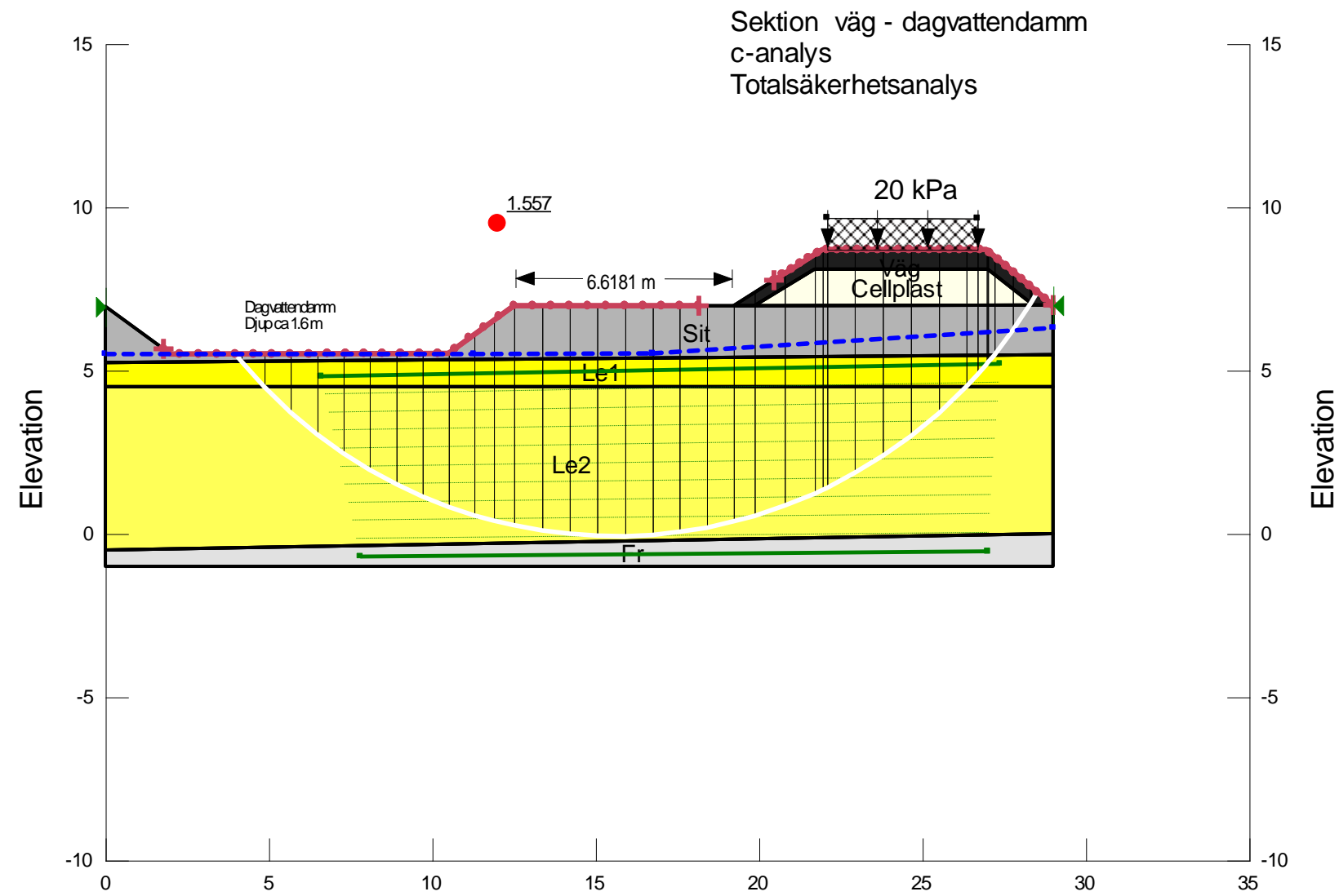
Color	Name	Model	Unit Weight (kN/m³)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	C-Maximum (kPa)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Piezometric Line
Grey	Fr	Mohr-Coulomb	20				0	35	0	1
Yellow	Le1	S=f(depth)	17	15	0	0				1
Yellow	Le2	S=f(depth)	17	11.8	0.45	0				1
Grey	Sit	Mohr-Coulomb	19				0	32	0	1
Black	Väg	Mohr-Coulomb	20				0	35	0	1

Sektion F, vid dagvattendamm, c-analys.



Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	Cohesion' (kPa)	Phi' (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m <sup>2</sup> )/m)	C/Cu Ratio	Phi-B (°)	Piezometric Line
■	Fr	Mohr-Coulomb	20	0	35						0	1
■	Le1	Combined, S=f(depth)	17		30	1.5	0	15	0	0.1		1
■	Le2	Combined, S=f(depth)	17		30	1.18	0.045	11.8	0.45	0.1		1
■	Sit	Mohr-Coulomb	19	0	32						0	1
■	Väg	Mohr-Coulomb	20	0	35						0	1

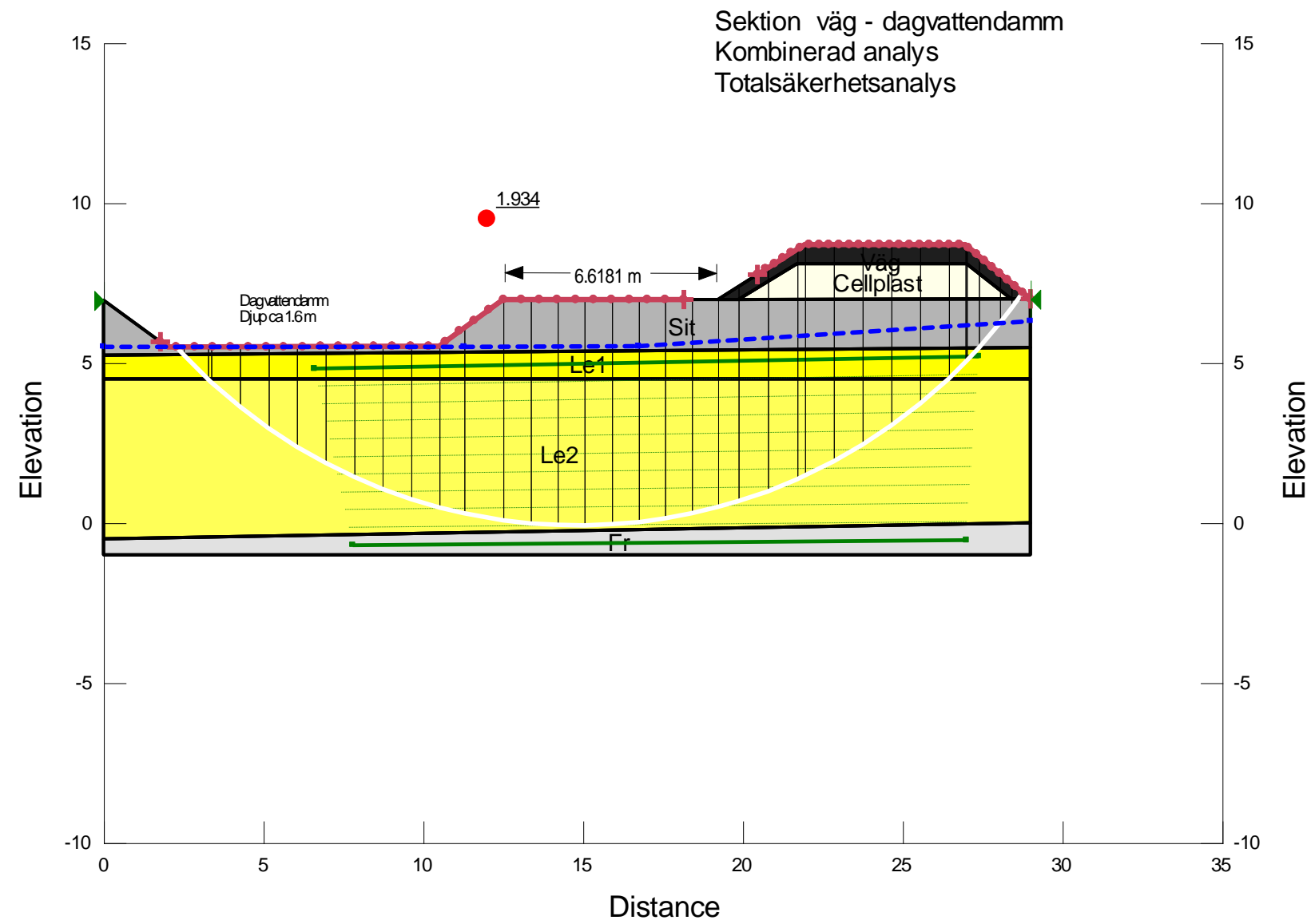
Sektion F, vid dagvattendamm, kombinerad analys.



Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	C-Maximum (kPa)	Piezometric Line
White	Cellplast	S=f (depth)	2				50	0	0	1
Grey	Fr	Mohr-Coulomb	20	0	35	0				1
Yellow	Le1	S=f (depth)	17				15	0	0	1
Yellow	Le2	S=f (depth)	17				11.8	0.45	0	1
Grey	Sit	Mohr-Coulomb	19	0	32	0				1
Black	Väg	Mohr-Coulomb	20	0	35	0				1

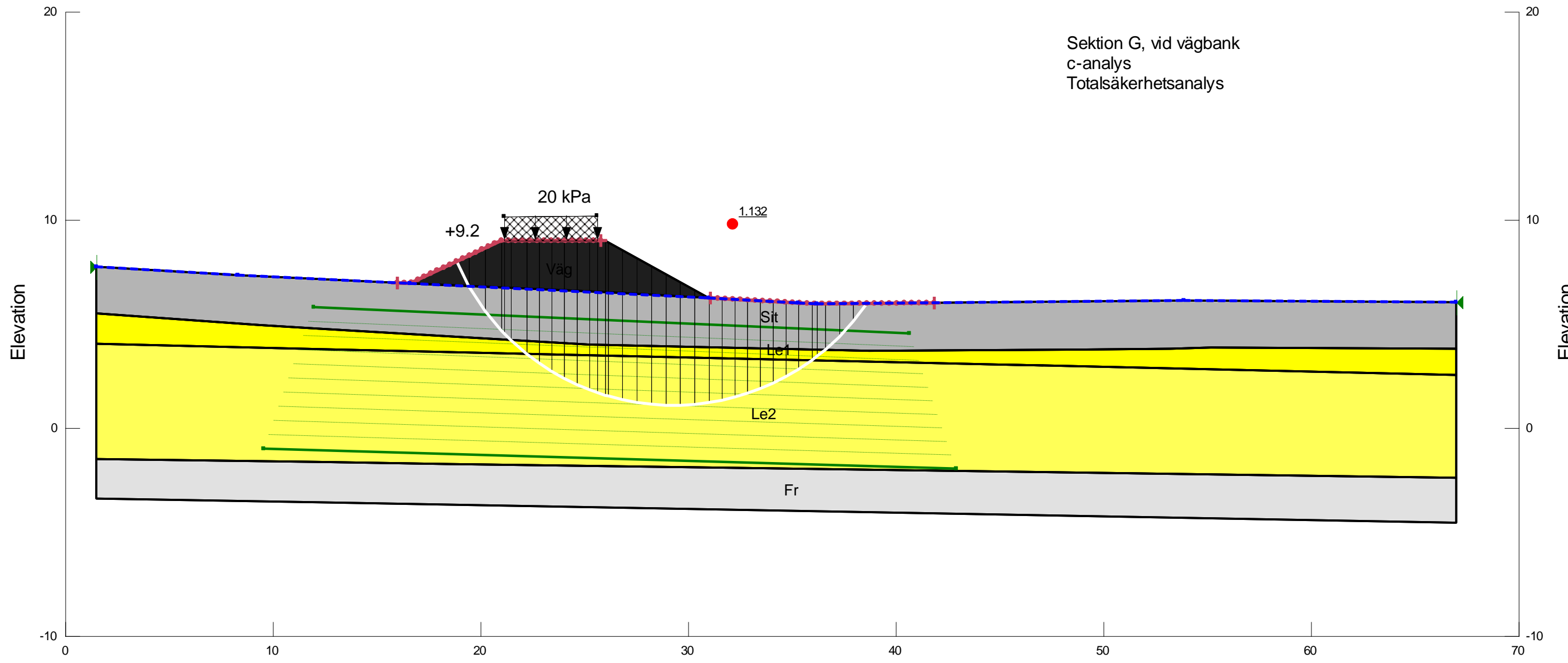
Sektion vid väg och dagvattendamm, c-analys





Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	Cohesion (kPa)	Phi' (°)	Phi-B (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m <sup>2</sup> )/m)	C/Cu Ratio	C-Maximum (kPa)	Piezometric Line
White	Cellplast	S=f(depth)	2				50	0				0	1
Grey	Fr	Mohr-Coulomb	20	0	35	0							1
Yellow	Le1	Combined, S=f(depth)	17		30		1.5	0	15	0	0.1		1
Light Yellow	Le2	Combined, S=f(depth)	17		30		1.18	0.045	11.8	0.45	0.1		1
Dark Grey	Sit	Mohr-Coulomb	19	0	32	0							1
Black	Väg	Mohr-Coulomb	20	0	35	0							1

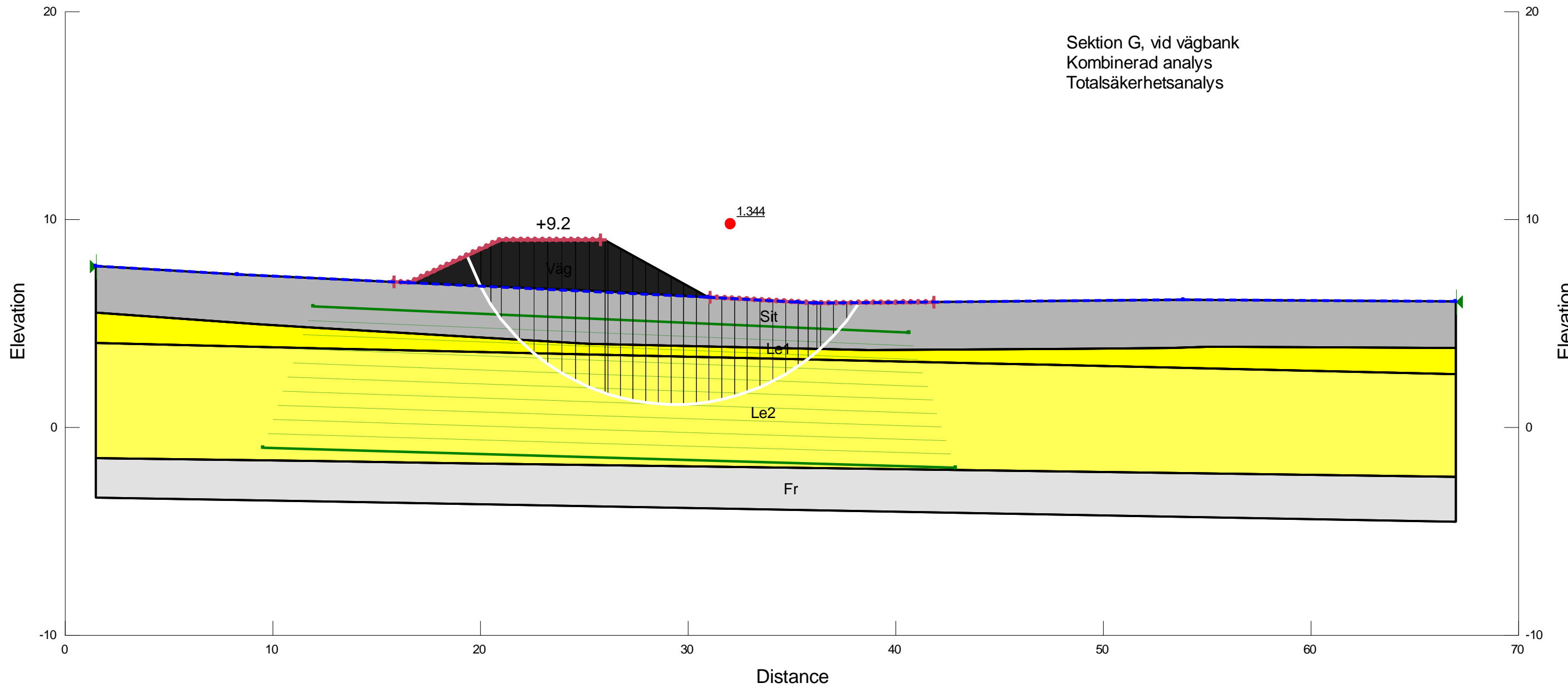
Sektion vid väg och dagvattendamm, kombinerad analys



Sektion G, vid vägbank  
c-analys  
Totalsäkerhetsanalys

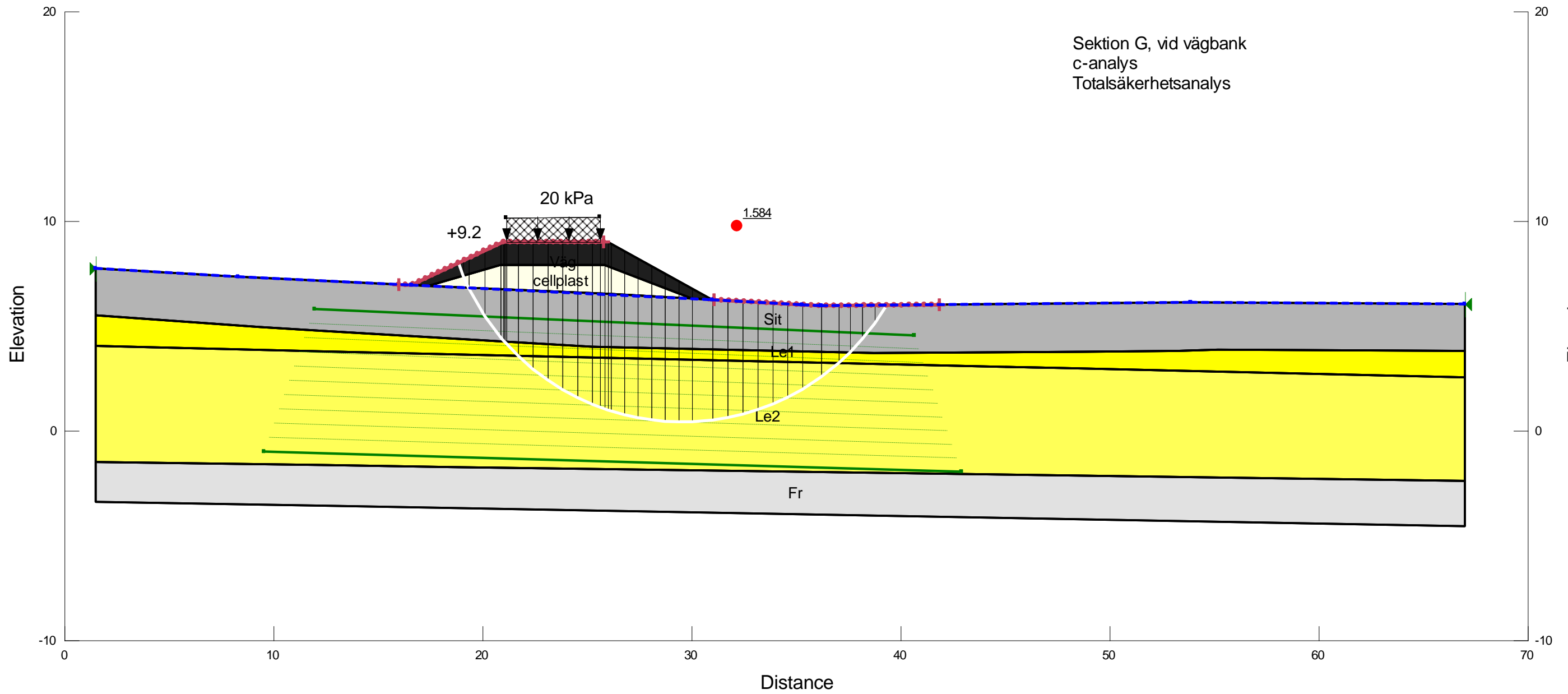
Color	Name	Model	Unit Weight (kN/m <sup>3</sup> )	C-Top of Layer (kPa)	C-Rate of Change ((kN/m <sup>2</sup> )/m)	C-Maximum (kPa)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	Piezometric Line
Grey	Fr	Mohr-Coulomb	20				0	35	0	1
Yellow	Le1	S=f (depth)	17	15	0	0				1
Yellow	Le2	S=f (depth)	17	11.8	0.43	0				1
Grey	Sit	Mohr-Coulomb	19				0	32	0	1
Black	Väg	Mohr-Coulomb	20				0	35	0	1

Sektion G, vid vägbank, c-analys.



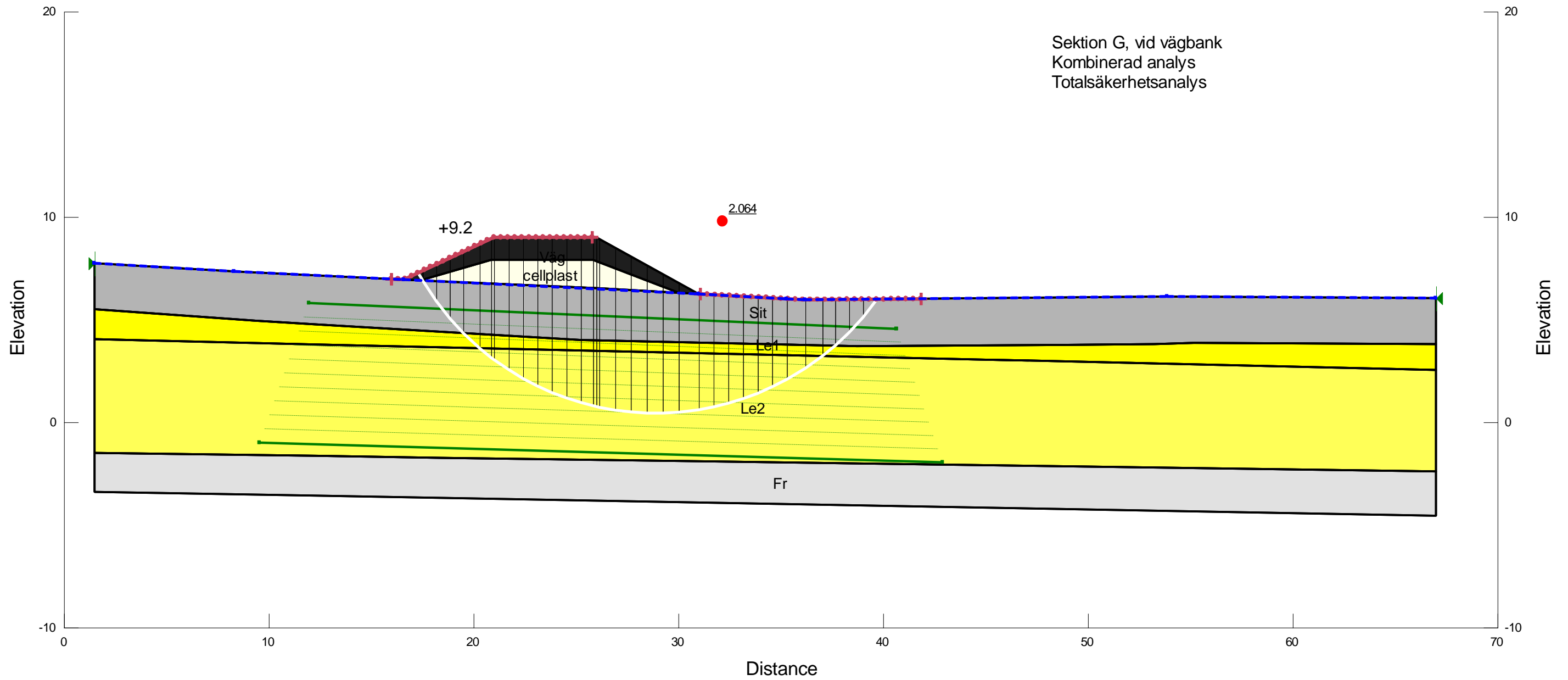
Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m²)/m)	C/Cu Ratio	Phi-B (°)	Piezometric Line
Grey	Fr	Mohr-Coulomb	20	0	35						0	1
Yellow	Le1	Combined, S=f(depth)	17		30	1.5	0	15	0	0.1		1
Yellow	Le2	Combined, S=f(depth)	17		30	1.18	0.043	11.8	0.43	0.1		1
Grey	Sit	Mohr-Coulomb	19	0	32						0	1
Black	Väg	Mohr-Coulomb	20	0	35						0	1

Sektion G, vid vägbank, kombinerad analys.



Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	Phi-B (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	C-Maximum (kPa)	Piezometric Line
White	cellplast	S=f (depth)	2				50	0	0	1
Grey	Fr	Mohr-Coulomb	20	0	35	0				1
Yellow	Le1	S=f (depth)	17				15	0	0	1
Yellow	Le2	S=f (depth)	17				11.8	0.43	0	1
Grey	Sit	Mohr-Coulomb	19	0	32	0				1
Black	Väg	Mohr-Coulomb	20	0	35	0				1

Sektion G, med cellplast i vägbank, c-analys.



Color	Name	Model	Unit Weight (kN/m³)	Cohesion' (kPa)	Phi' (°)	C-Datum (kPa)	Phi-B (°)	C-Top of Layer (kPa)	C-Rate of Change ((kN/m²)/m)	Cu-Datum (kPa)	Cu-Top of Layer (kPa)	Cu-Rate of Change ((kN/m²)/m)	C/Cu Ratio	Datum (Elevation) (m)	C-Maximum (kPa)	Piezometric Line
Yellow	cellplast	S=f(depth)	2					50	0						0	1
Grey	Fr	Mohr-Coulomb	20	0	35		0									1
Light Yellow	Le1	Combined, S=f(depth)	17		30			1.18	0.043		11.8	0.43	0.1			1
Light Yellow	Le2	Combined, S=f(datum)	17		30	1.18			0.043	11.8		0.43	0.1	3.7		1
Grey	Sit	Mohr-Coulomb	19	0	32		0									1
Black	Väg	Mohr-Coulomb	20	0	35		0									1

Sektion G, med cellplast i vägbank, kombinerad analys.