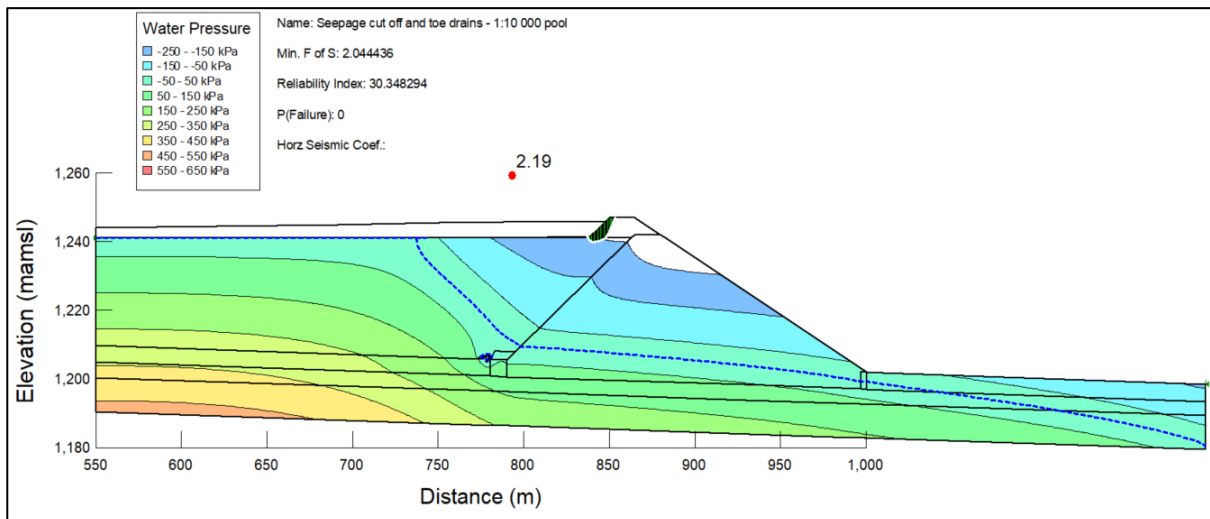


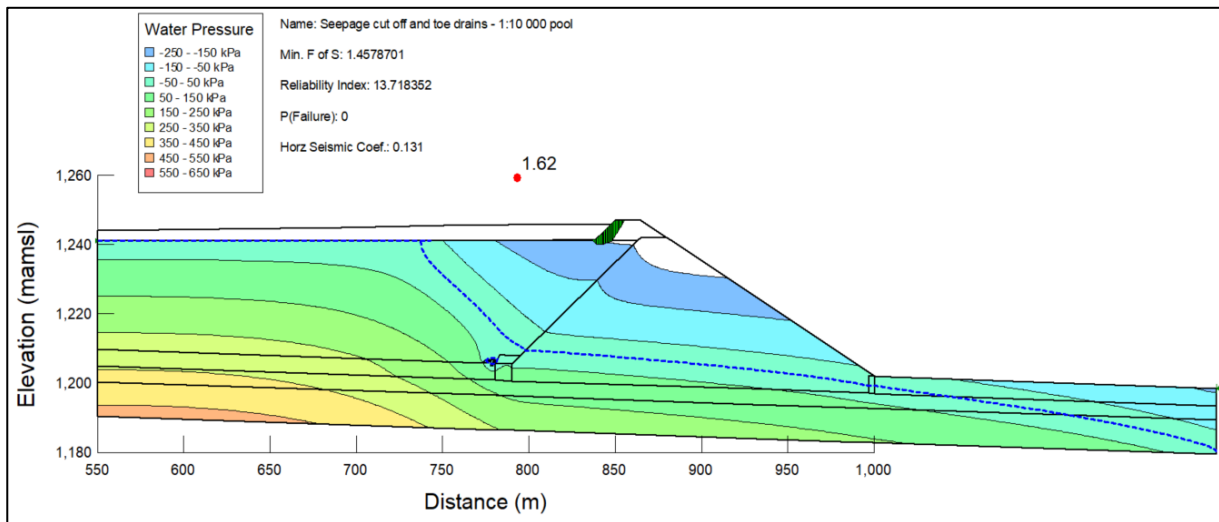
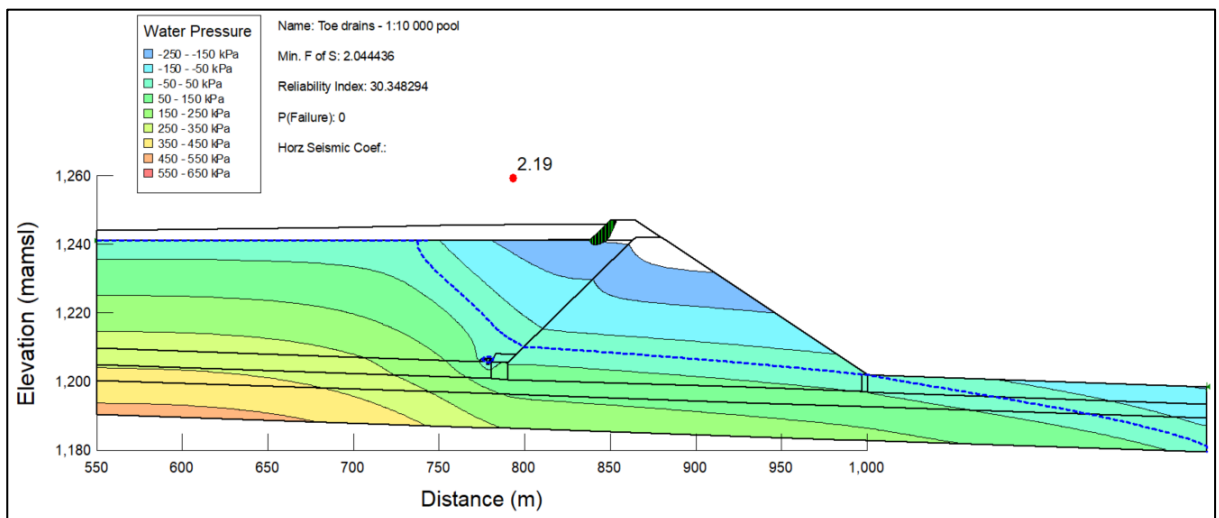
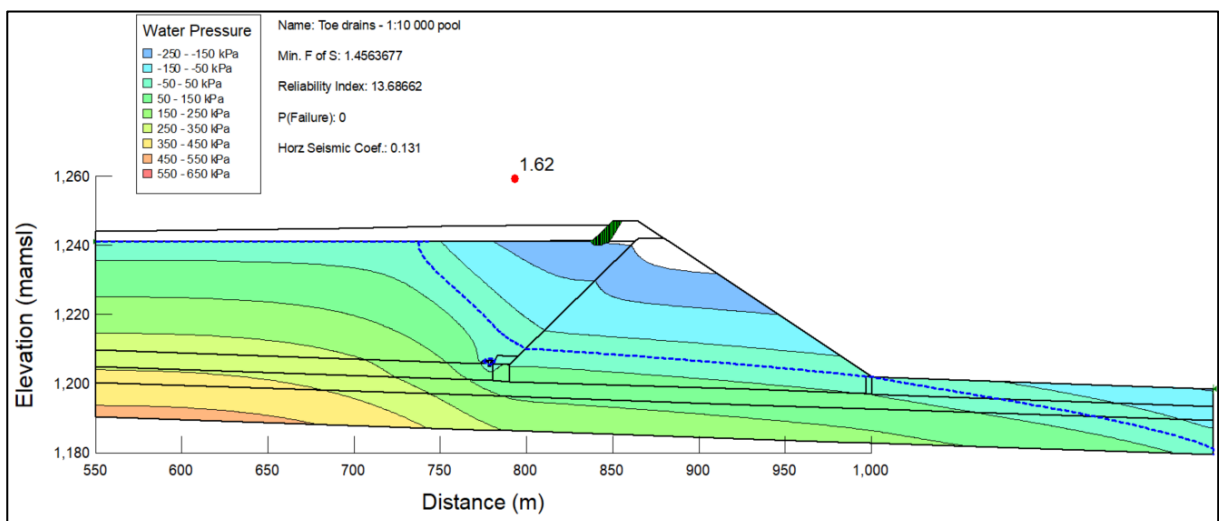
SLOPE STABILITY RESULTS

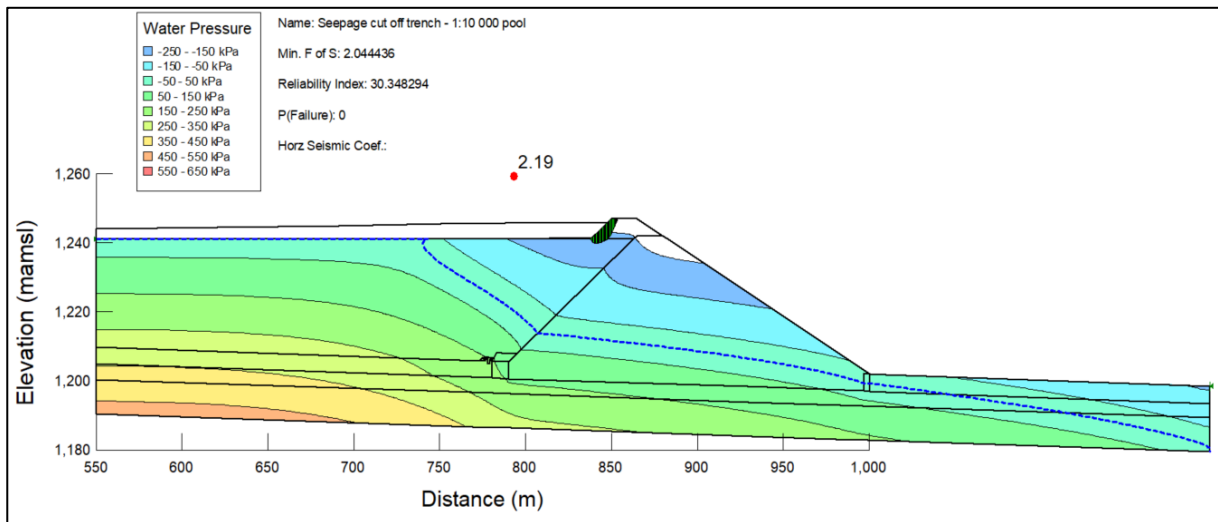
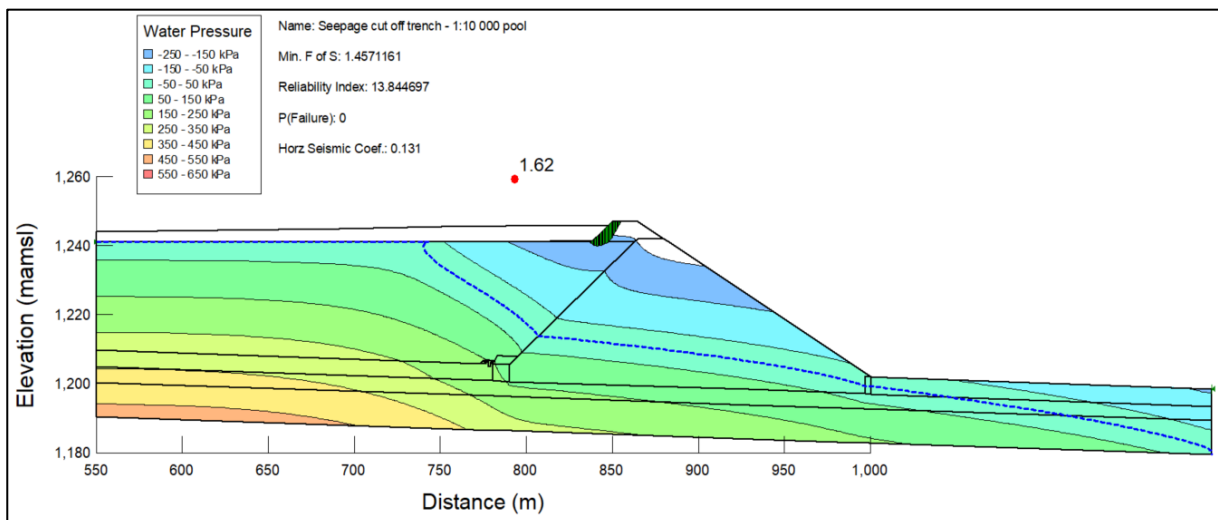
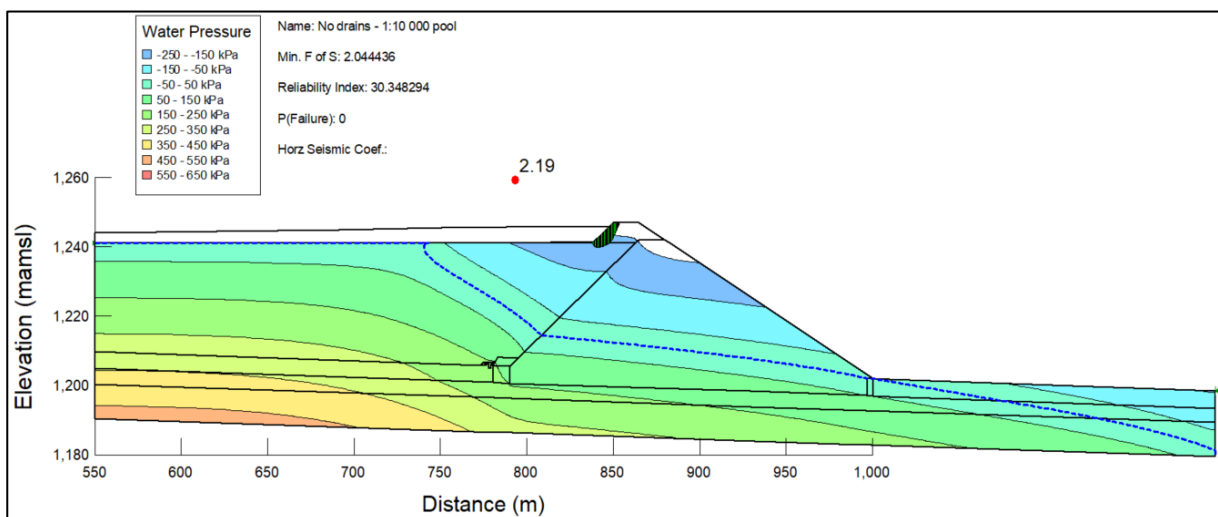
TABLE 1: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS AT START-UP

Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 1-1	X		X	X	2.04	30.35	0
Scenario 1-2		X	X	X	1.46	13.72	0
Scenario 1-3	X		X		2.04	30.35	0
Scenario 1-4		X	X		1.46	13.69	0
Scenario 1-5	X			X	2.04	30.35	0
Scenario 1-6		X		X	1.46	13.84	0
Scenario 1-7	X				2.04	30.35	0
Scenario 1-8		X			1.46	13.72	0



SCENARIO 1-1

**SCENARIO 1-2****SCENARIO 1-3****SCENARIO 1-4**

**SCENARIO 1-5****SCENARIO 1-6****SCENARIO 1-7**

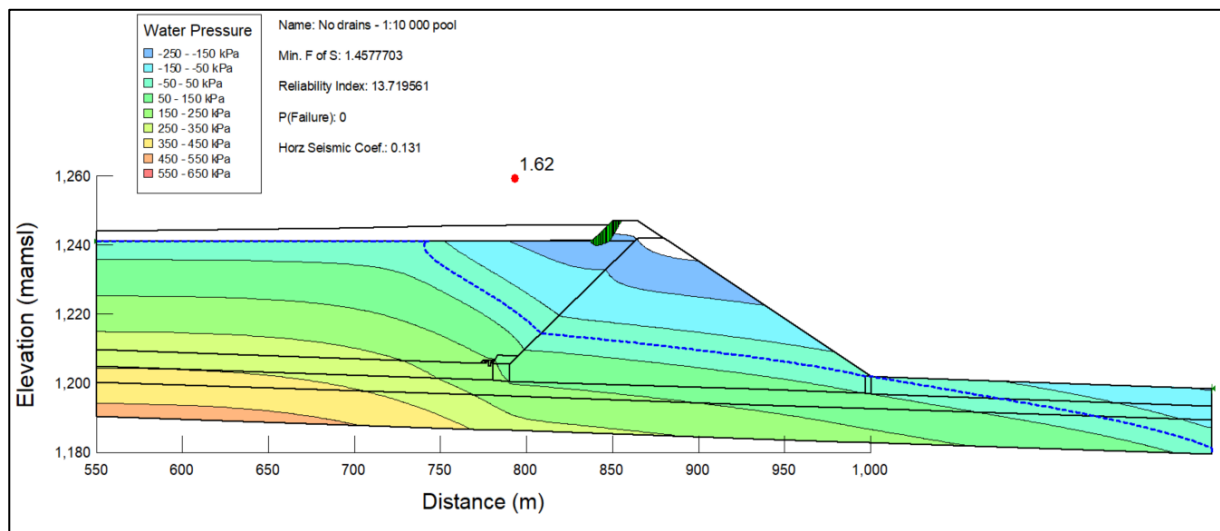
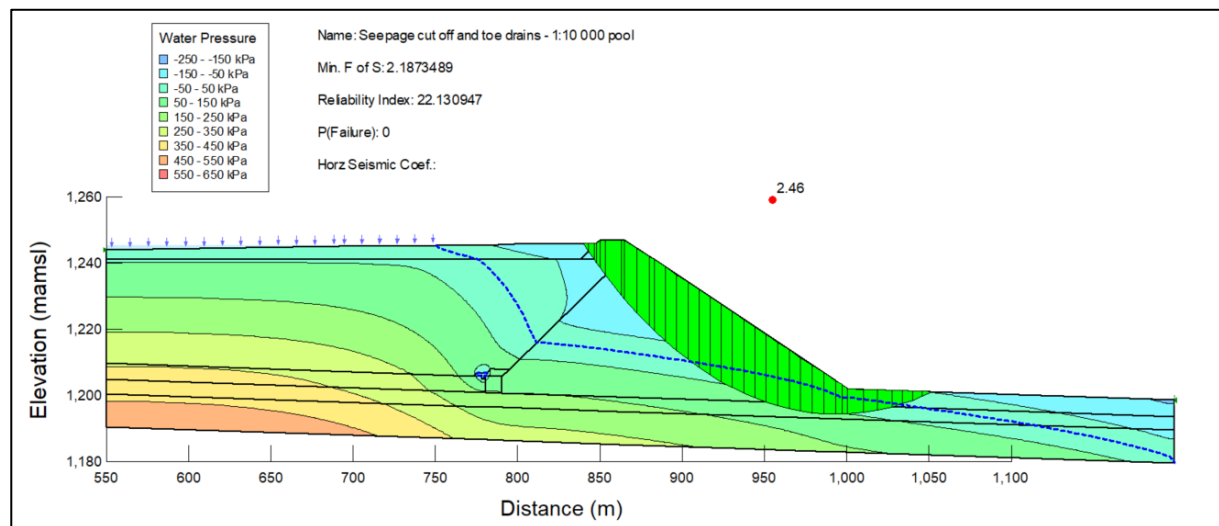
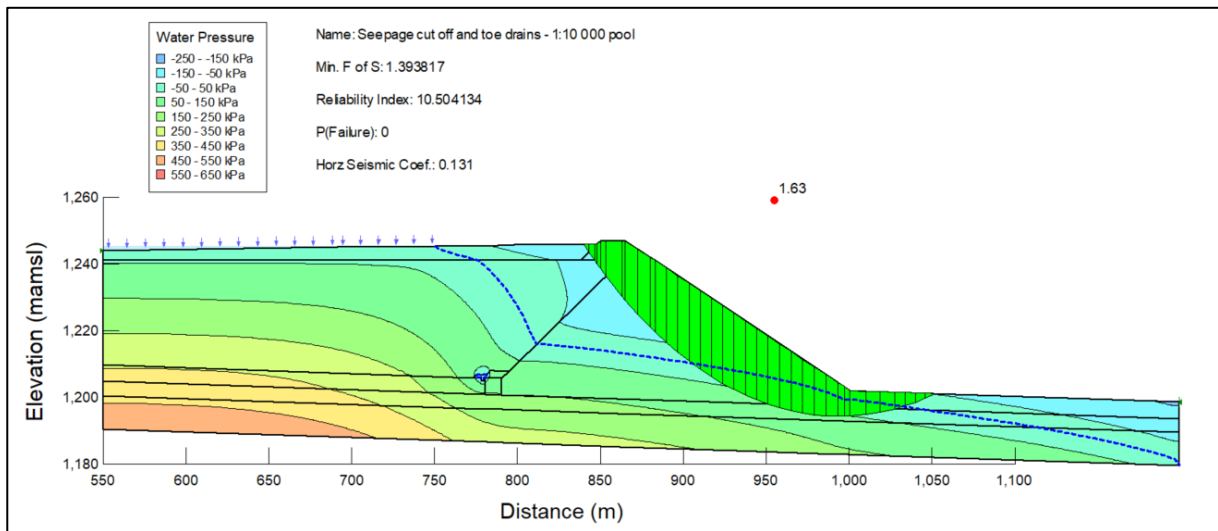
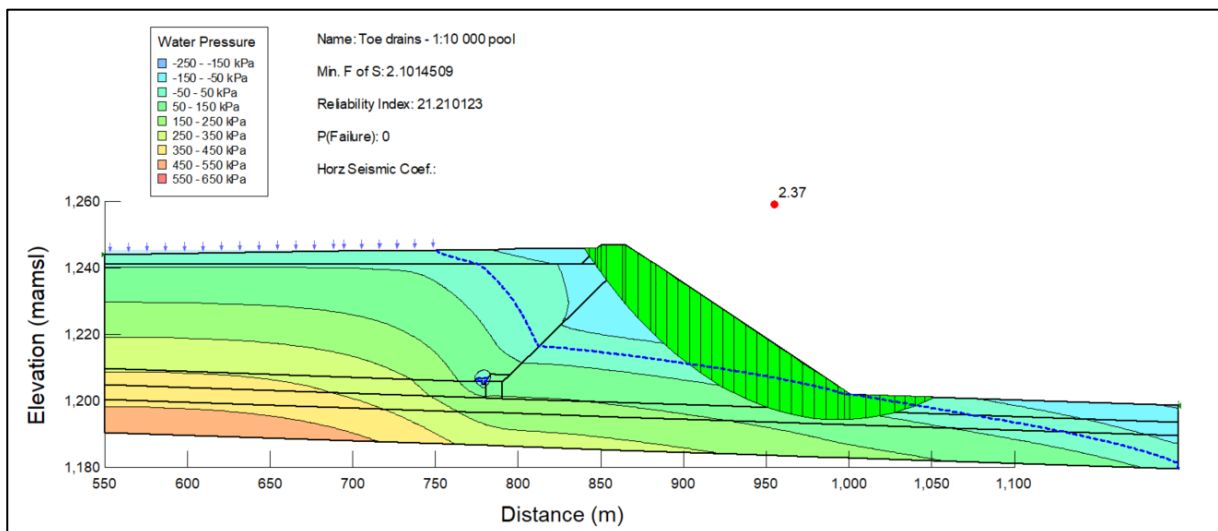
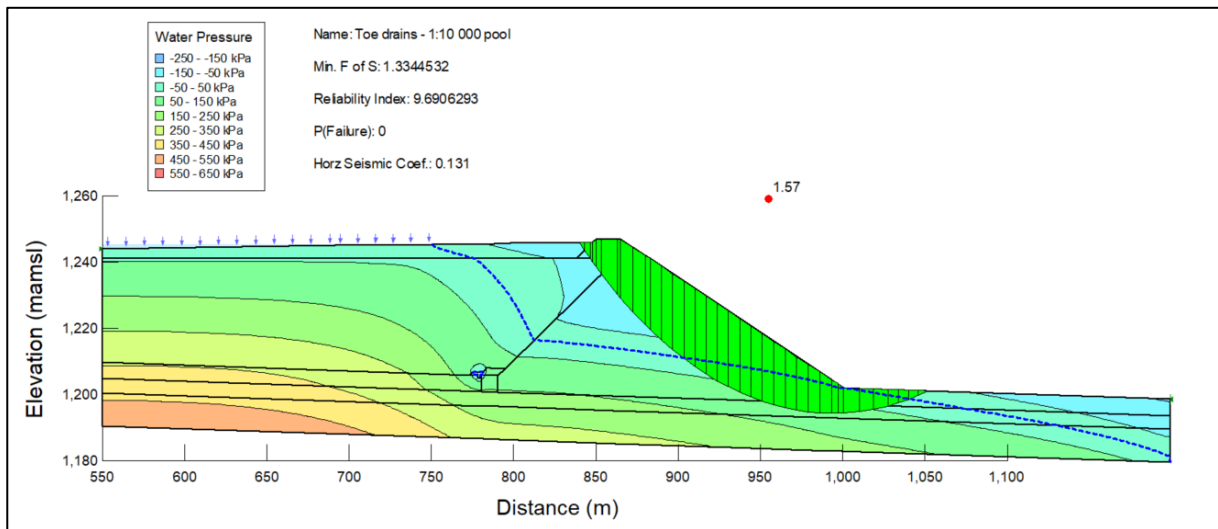
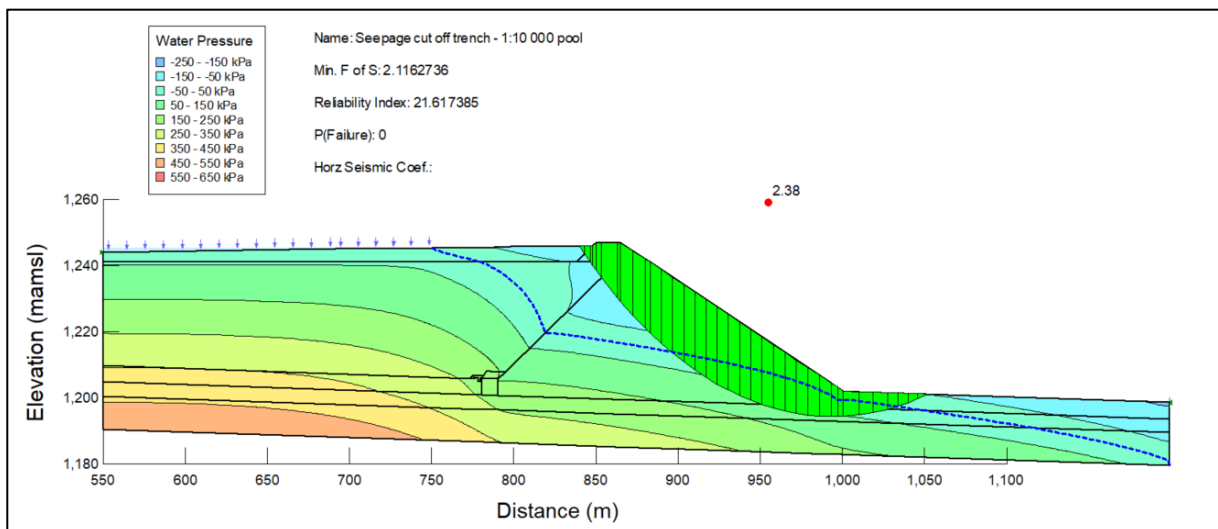
**SCENARIO 1-8**

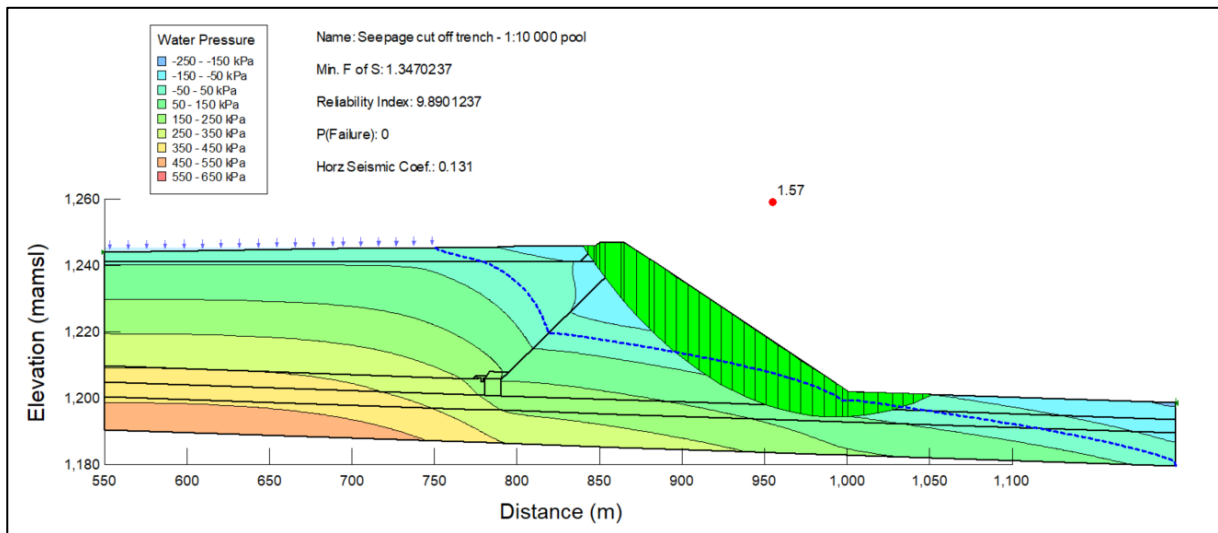
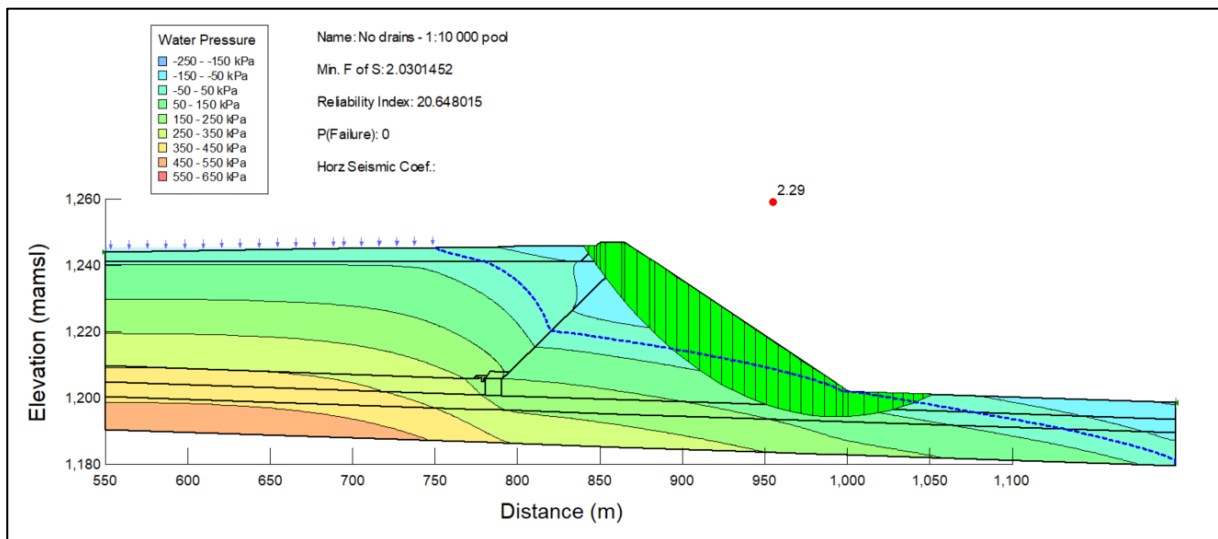
TABLE 2: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 1 EXPANSION AT FINAL TAILINGS ELEVATION

Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 2-1	X		X	X	2.19	22.13	0
Scenario 2-2		X	X	X	1.39	10.50	0
Scenario 2-3	X		X		2.07	20.33	0
Scenario 2-4		X	X		1.31	9.25	0
Scenario 2-5	X			X	2.12	21.62	0
Scenario 2-6		X		X	1.35	9.89	0
Scenario 2-7	X				2.00	19.84	0
Scenario 2-8		X			1.26	8.63	0

**SCENARIO 2-1**

**SCENARIO 2-2****SCENARIO 2-3**

**SCENARIO 2-4****SCENARIO 2-5**

**SCENARIO 2-6****SCENARIO 2-7**

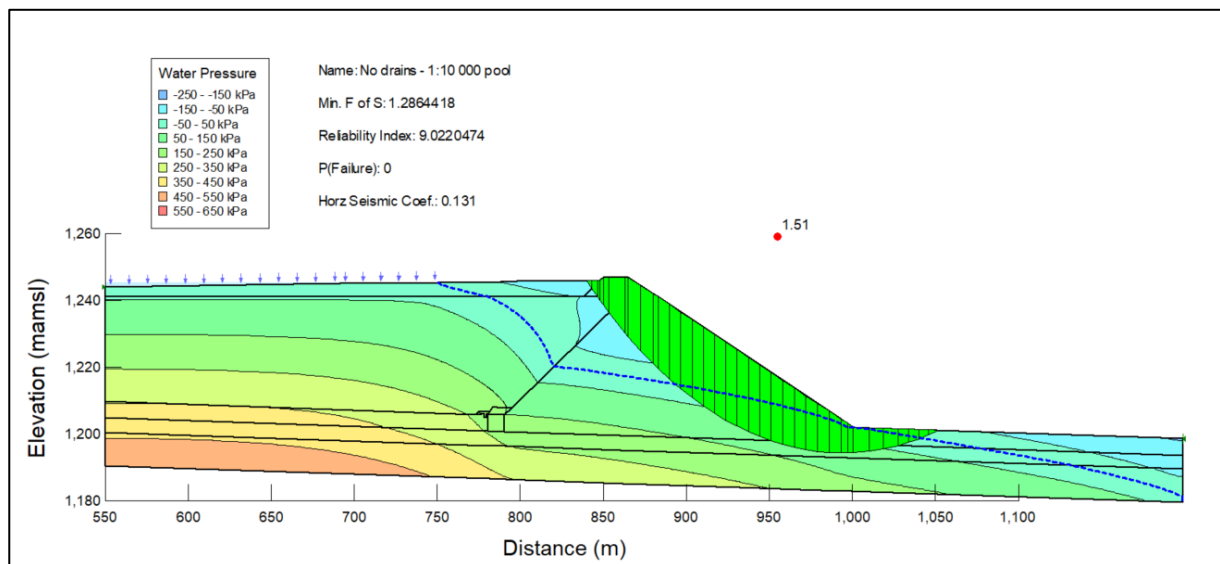
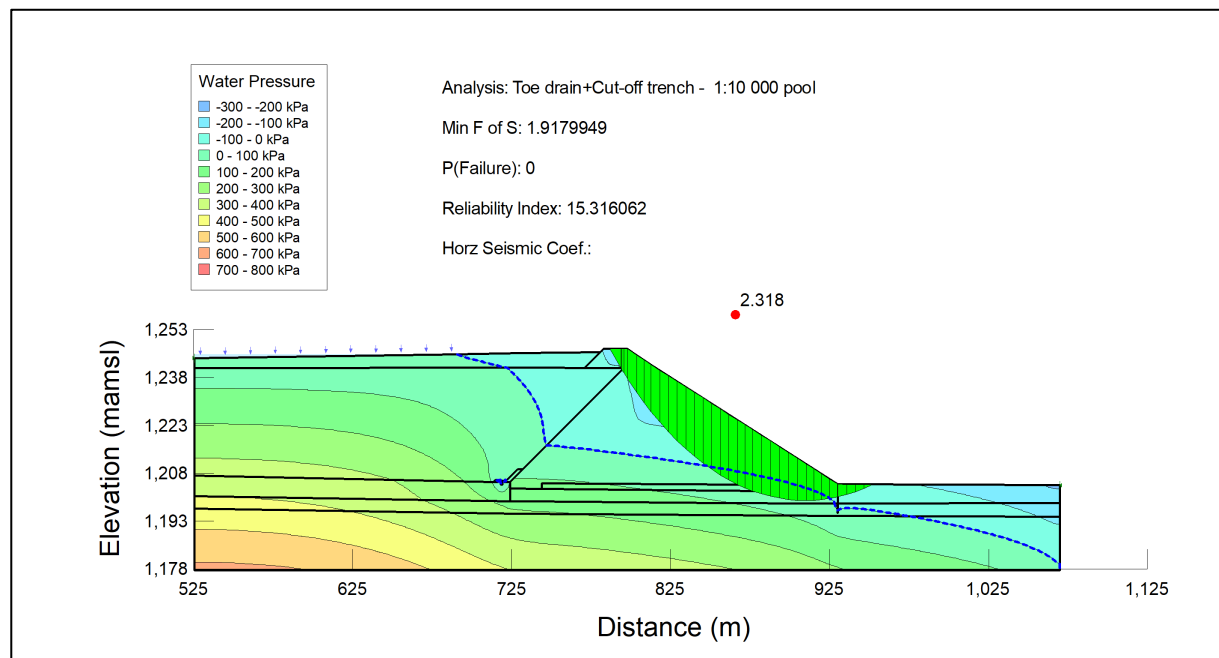
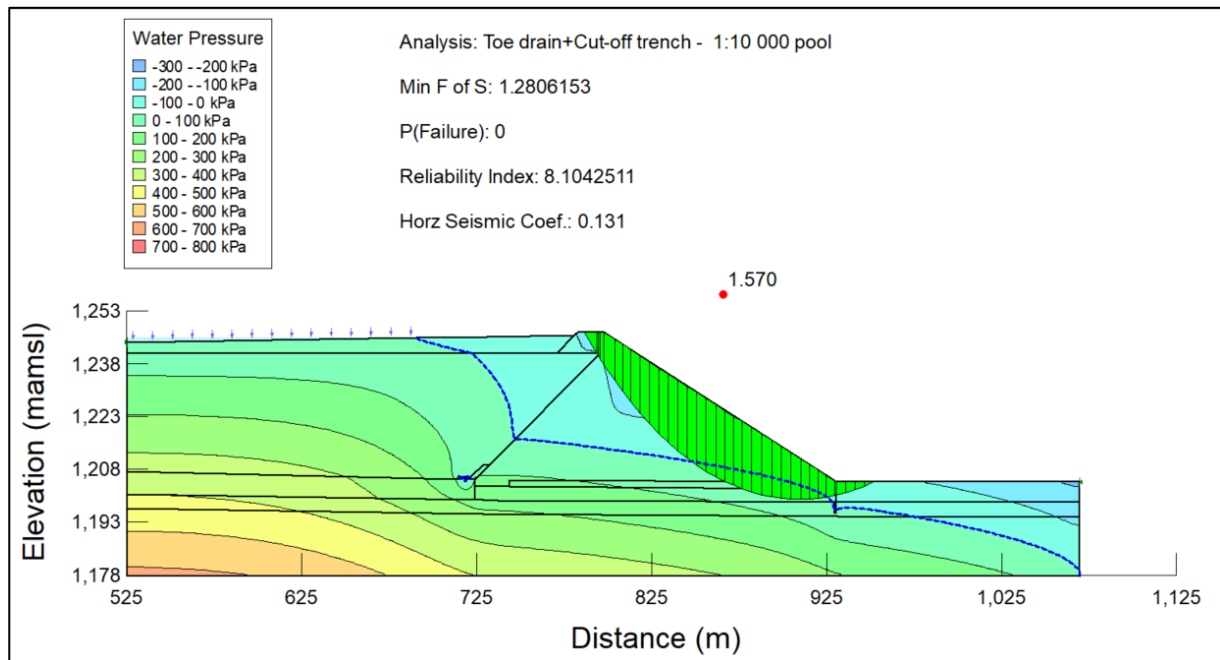
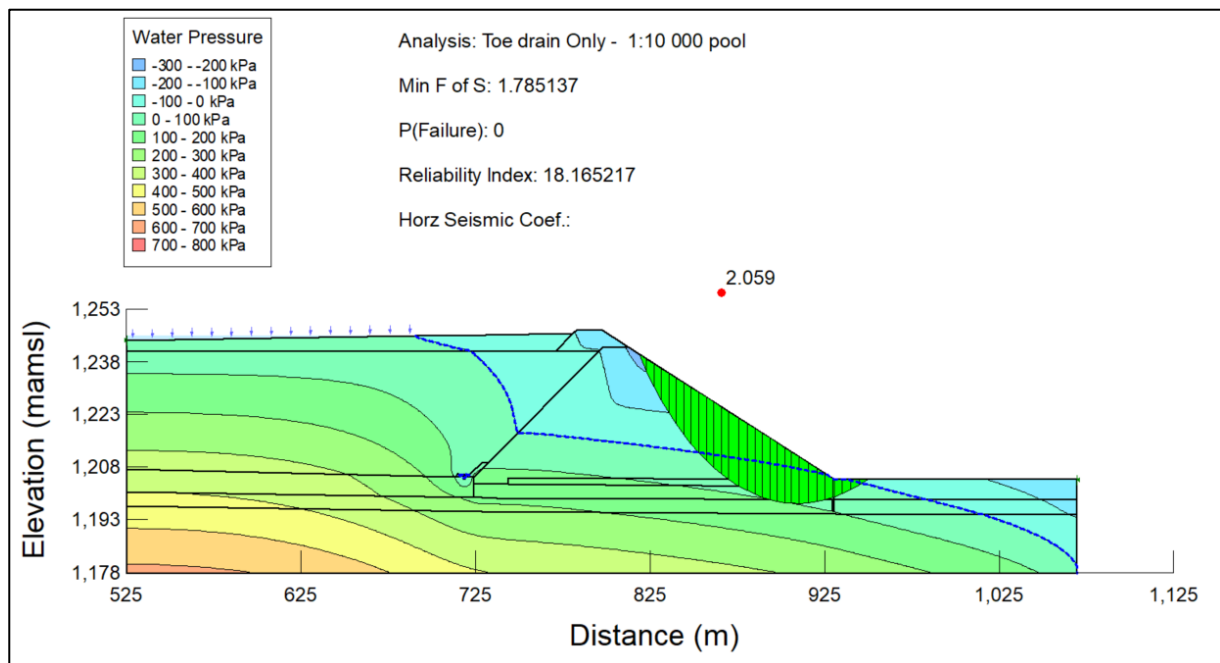
**SCENARIO 2-8**

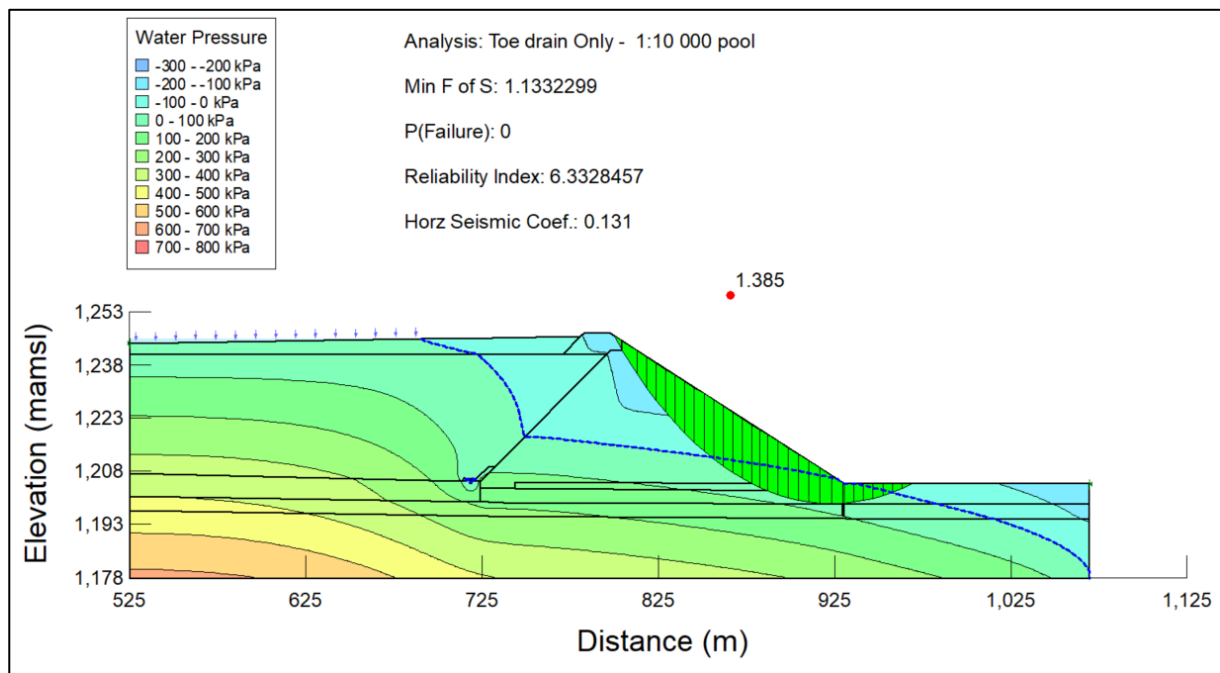
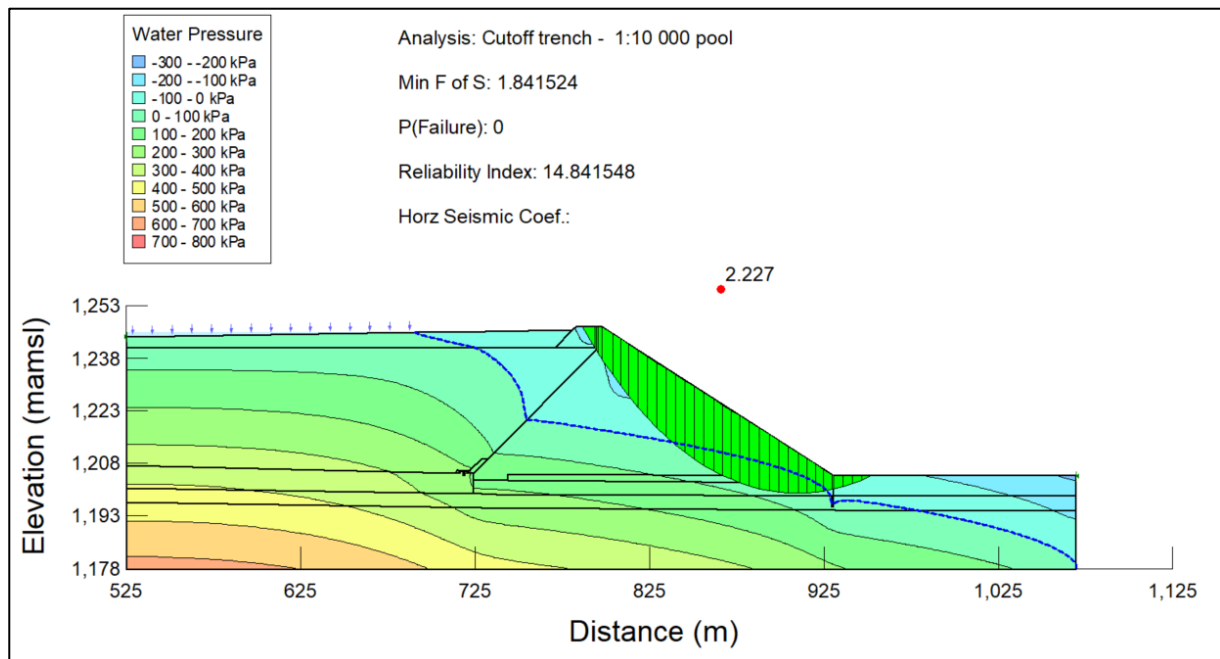
TABLE 3: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 2 PHASE 1 NORTHERN WALL AT FINAL TAILINGS ELEVATION

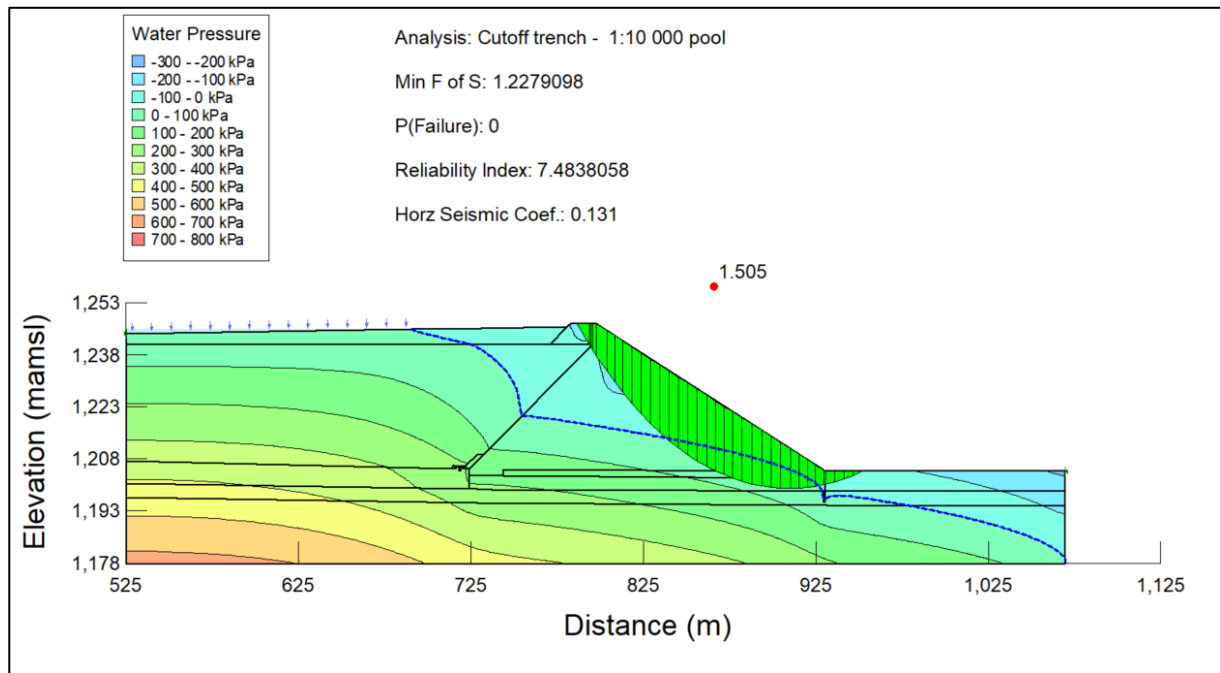
Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 3-1	X		X	X	1.92	15.66	0
Scenario 3-2		X	X	X	1.28	8.06	0
Scenario 3-3	X		X		1.79	18.40	0
Scenario 3-4		X	X		1.18	6.10	0
Scenario 3-5	X			X	1.83	14.59	0
Scenario 3-6		X		X	1.23	7.53	0
Scenario 3-7	X				1.64	13.26	0
Scenario 3-8		X			1.06	5.14	0



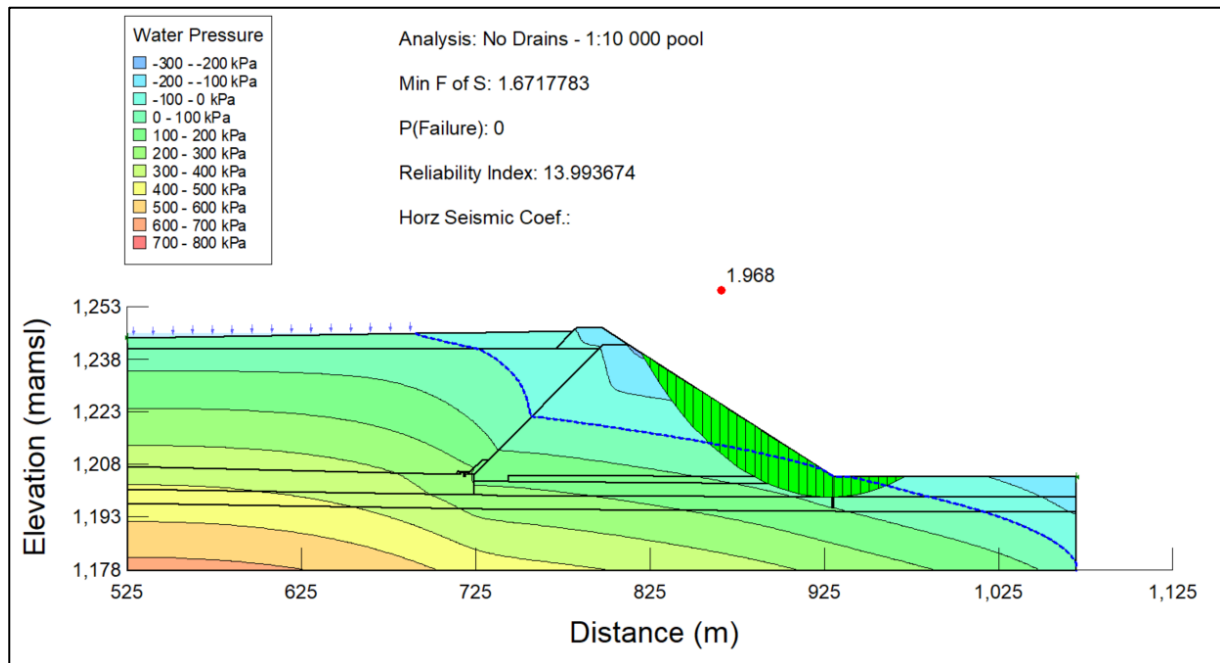
SCENARIO 3-1

**SCENARIO 3-2****SCENARIO 3-3**

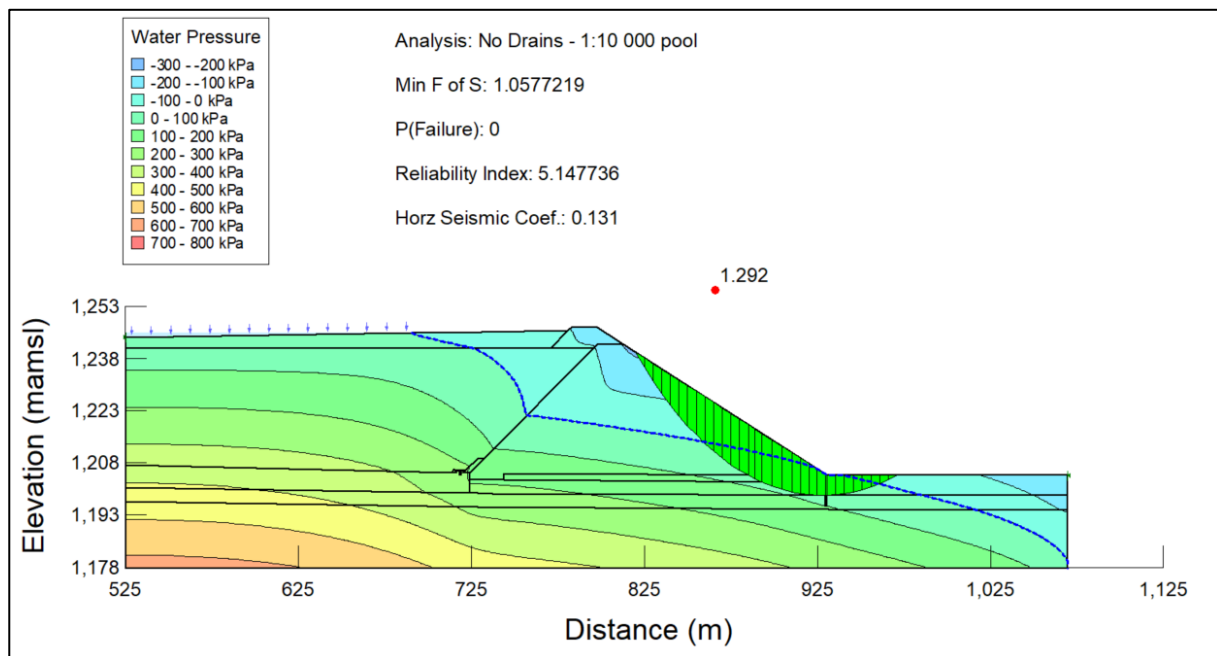
**SCENARIO 3-4****SCENARIO 3-5**



SCENARIO 3-6



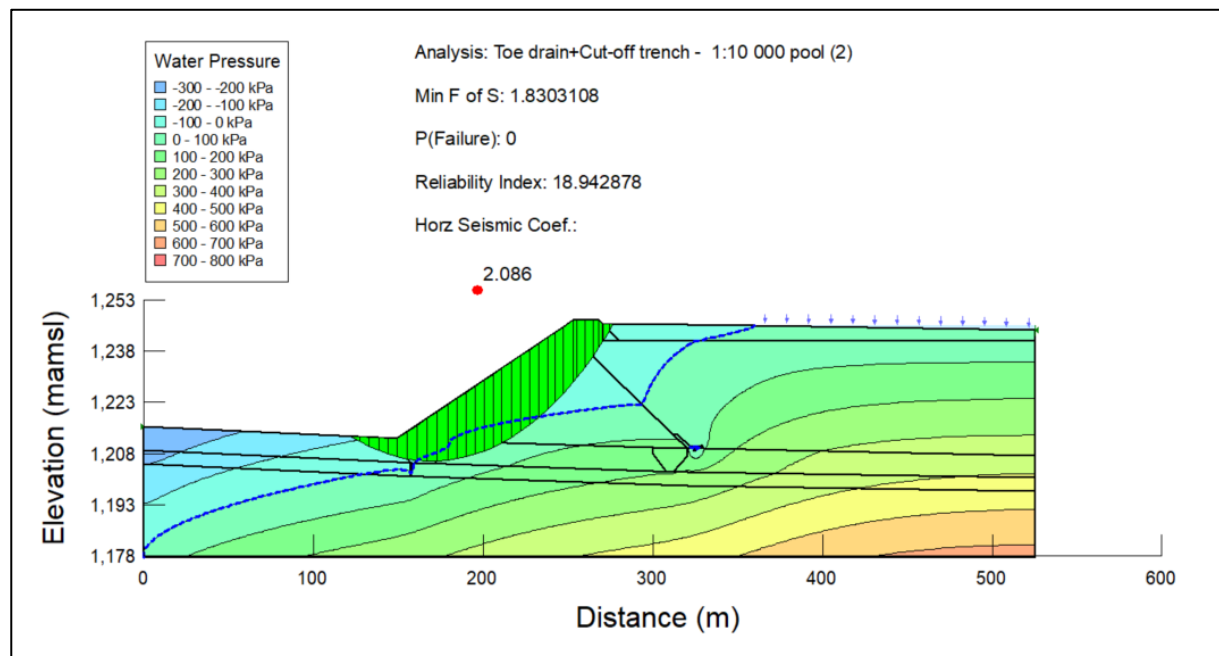
SCENARIO 3-7



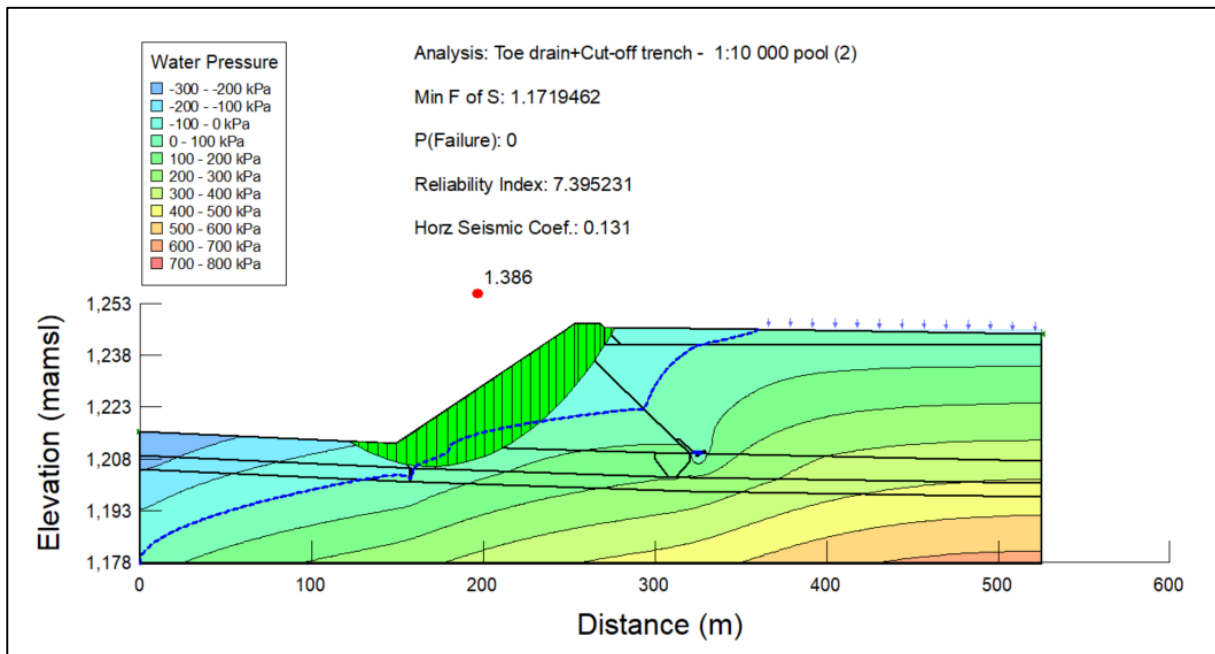
SCENARIO 3-8

TABLE 4: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 2 PHASE 1 SOUTHERN WALL AT FINAL TAILINGS ELEVATION

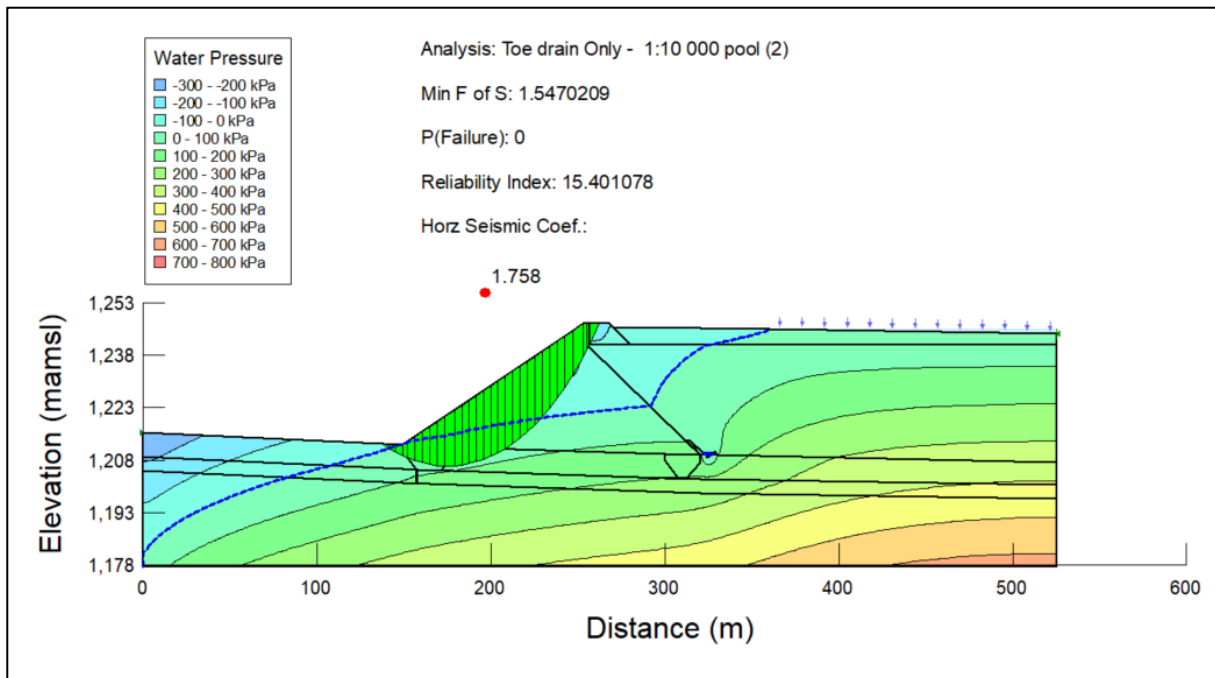
Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 4-1	X		X	X	1.83	18.94	0
Scenario 4-2		X	X	X	1.17	7.40	0
Scenario 4-3	X		X		1.55	15.40	0
Scenario 4-4		X	X		1.02	4.57	0
Scenario 4-5	X			X	1.79	19.50	0
Scenario 4-6		X		X	1.13	6.73	0
Scenario 4-7	X				1.47	14.29	0
Scenario 4-8		X			1.01	4.29	0



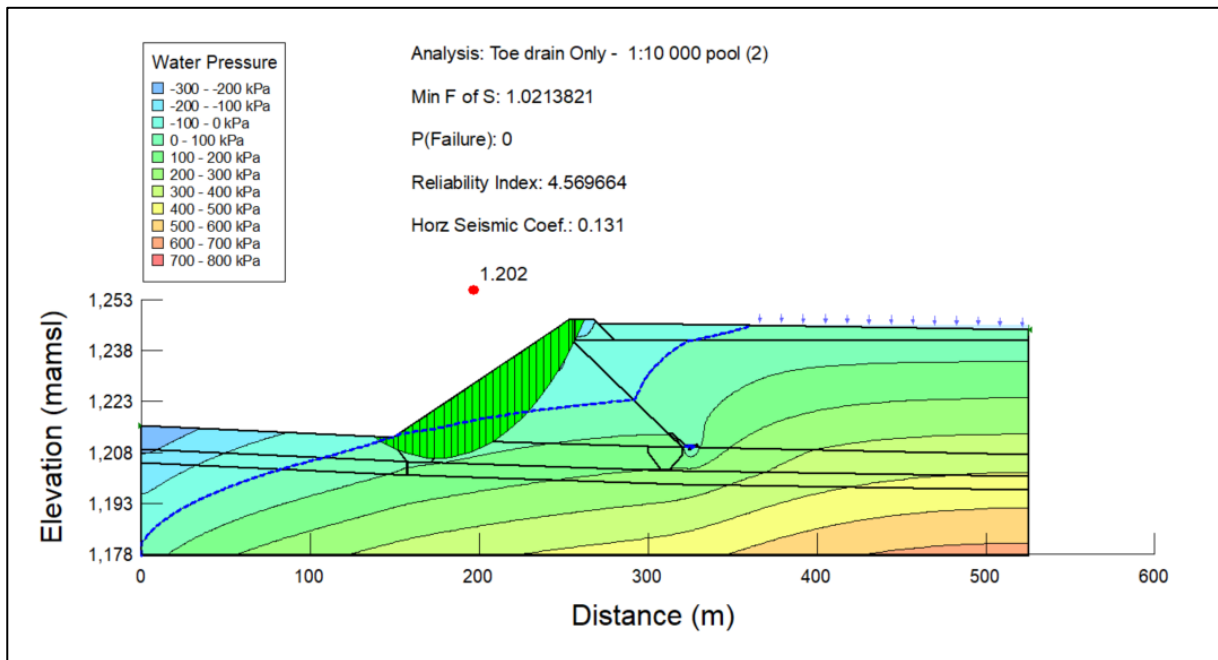
SCENARIO 4-1



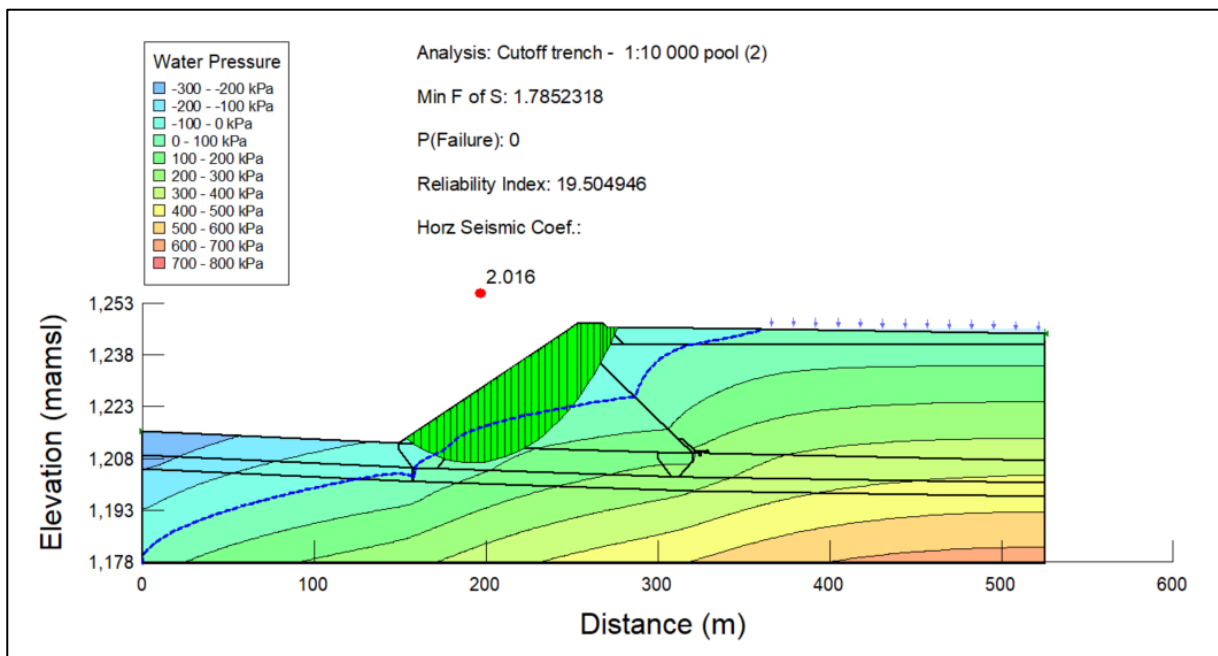
SCENARIO 4-2



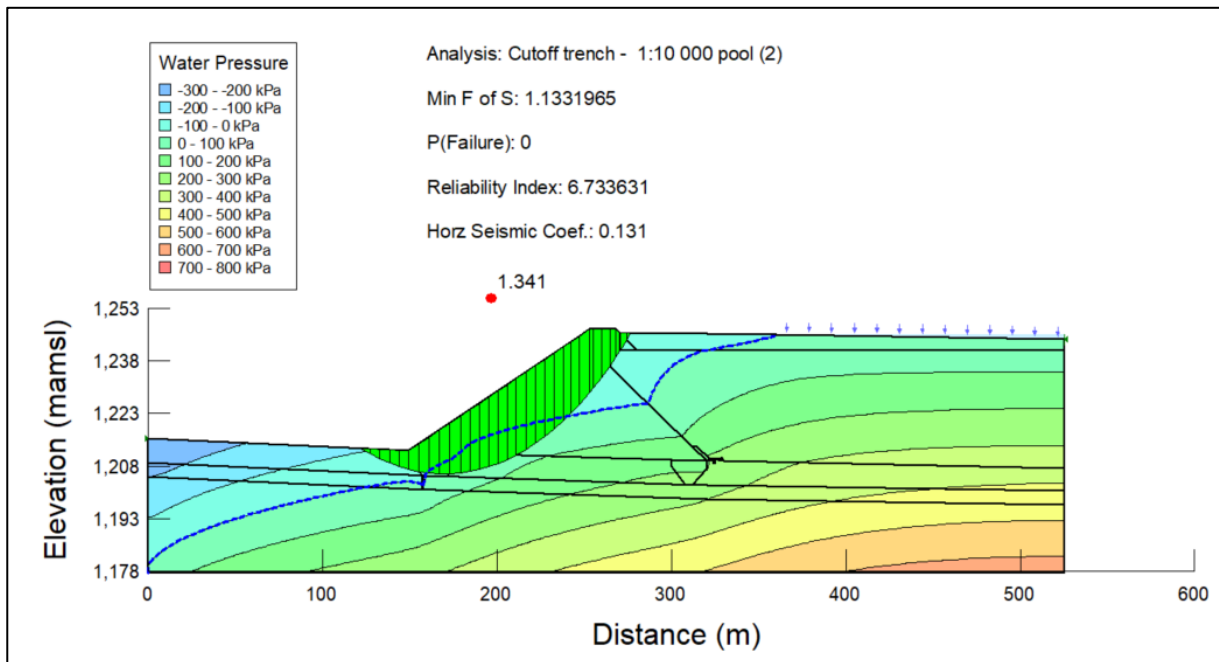
SCENARIO 4-3



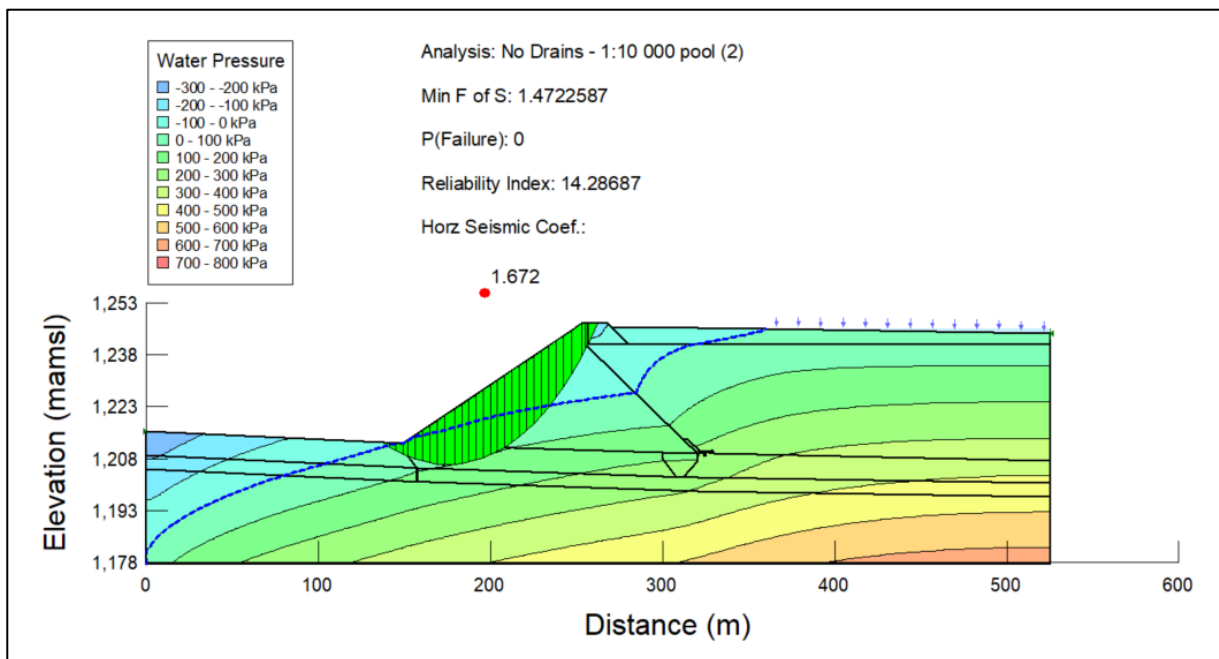
SCENARIO 4-4



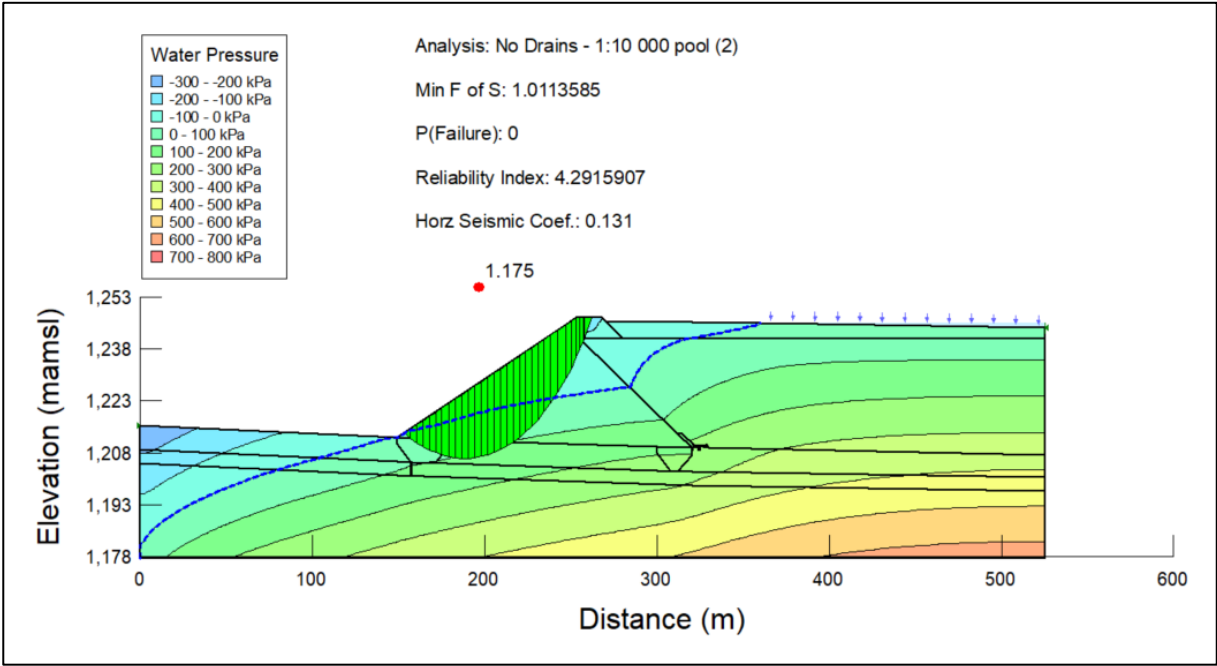
SCENARIO 4-5



SCENARIO 4-6



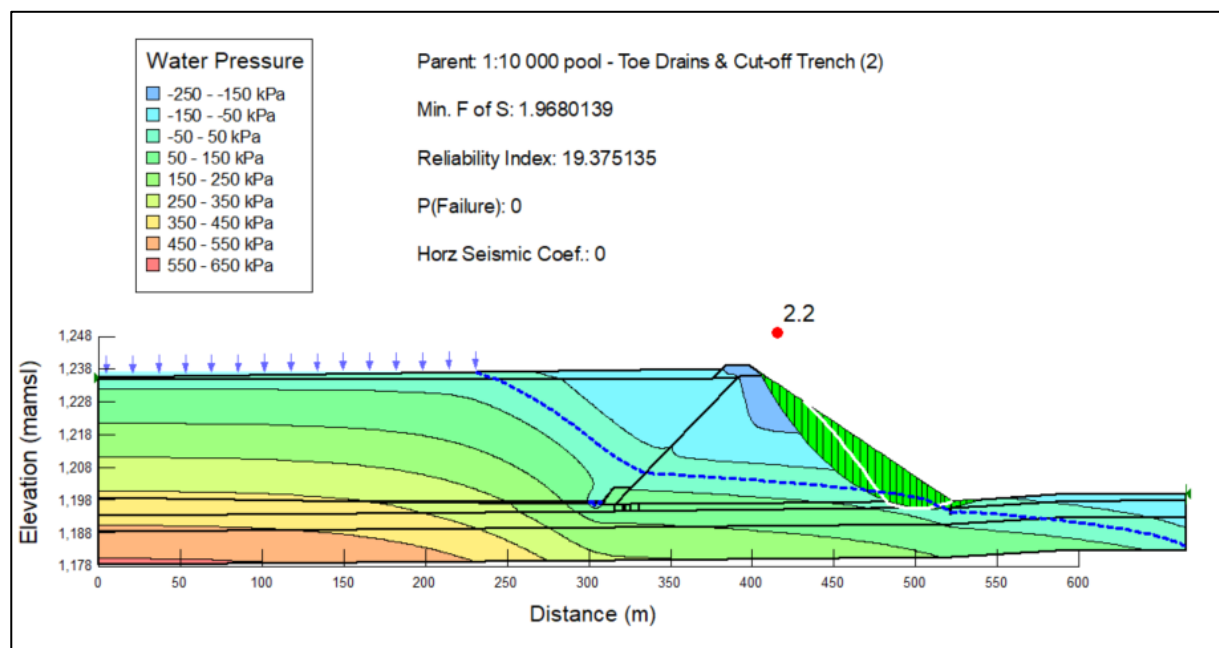
SCENARIO 4-7



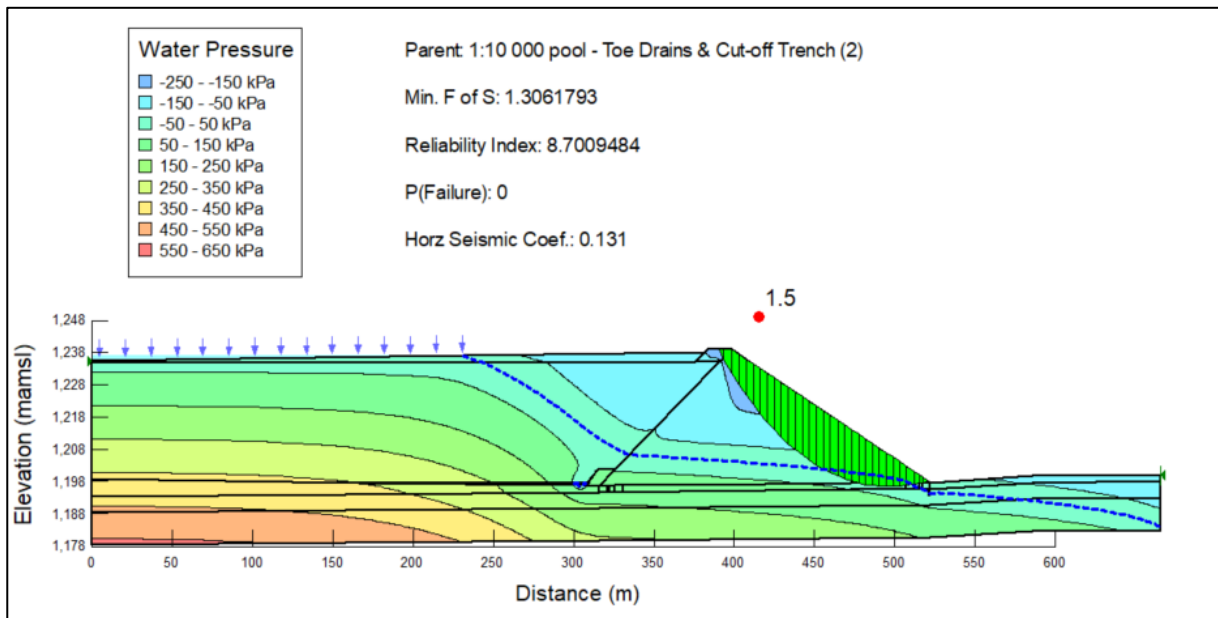
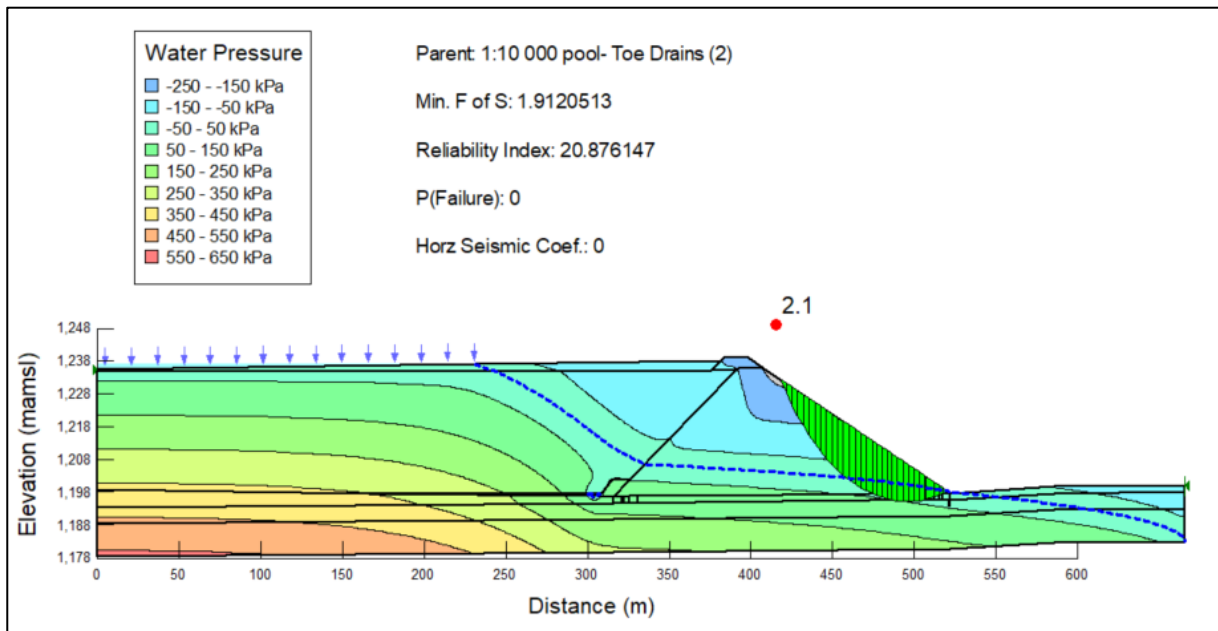
SCENARIO 4-8

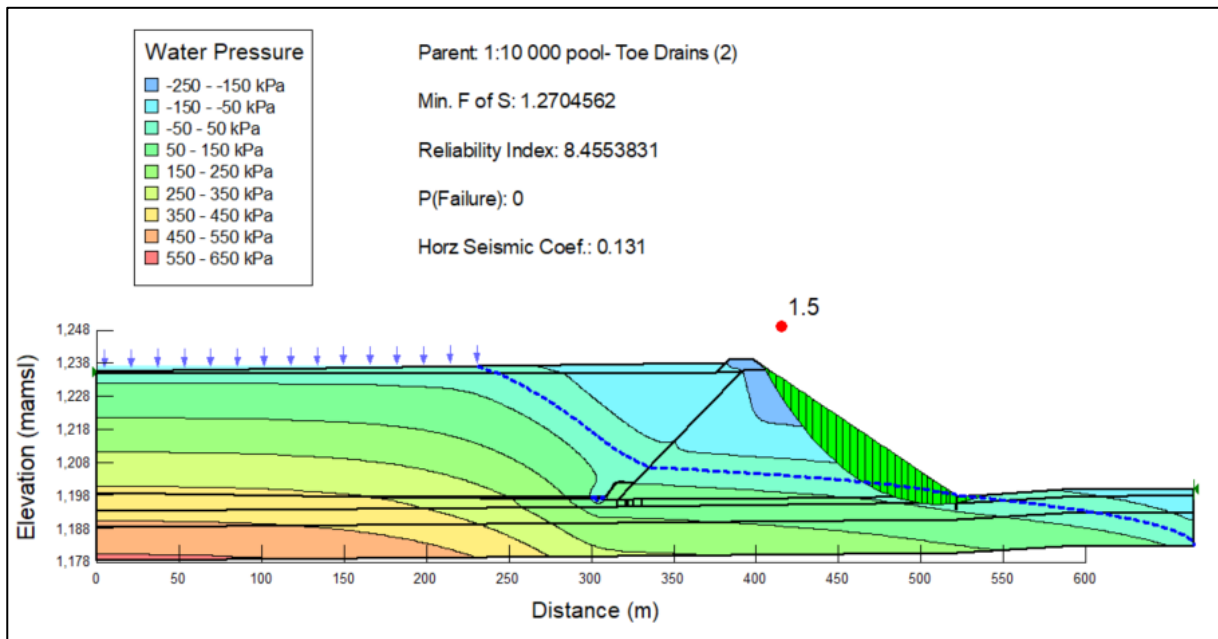
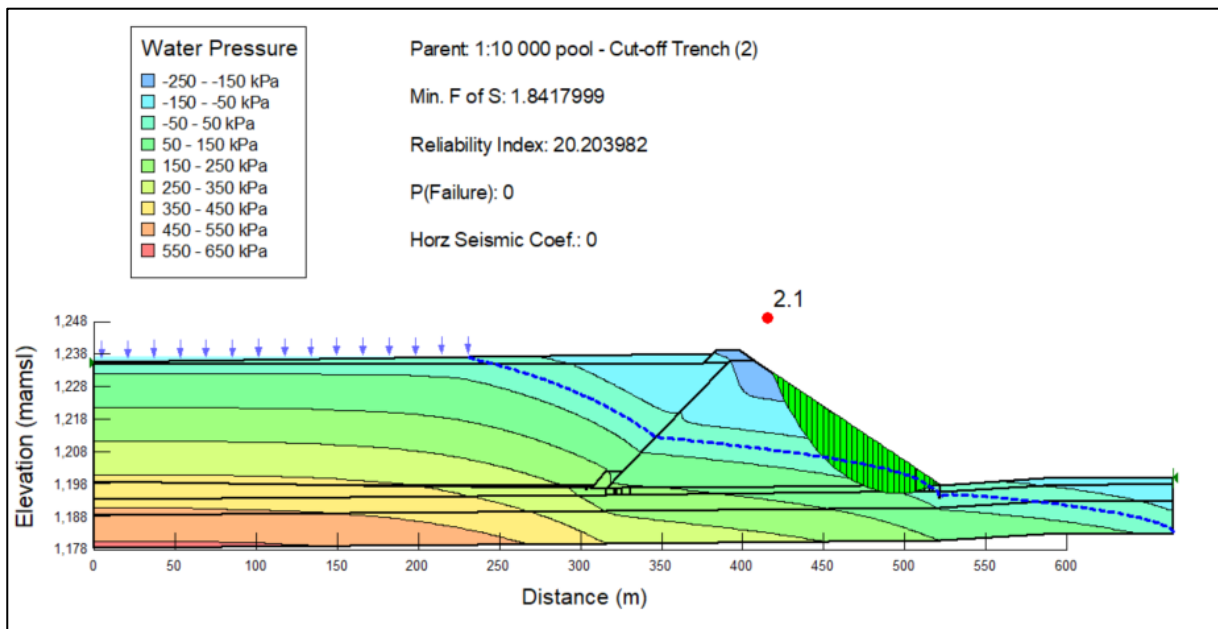
TABLE 5: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 2 PHASE 2 NORTHERN WALL AT FINAL TAILINGS ELEVATION

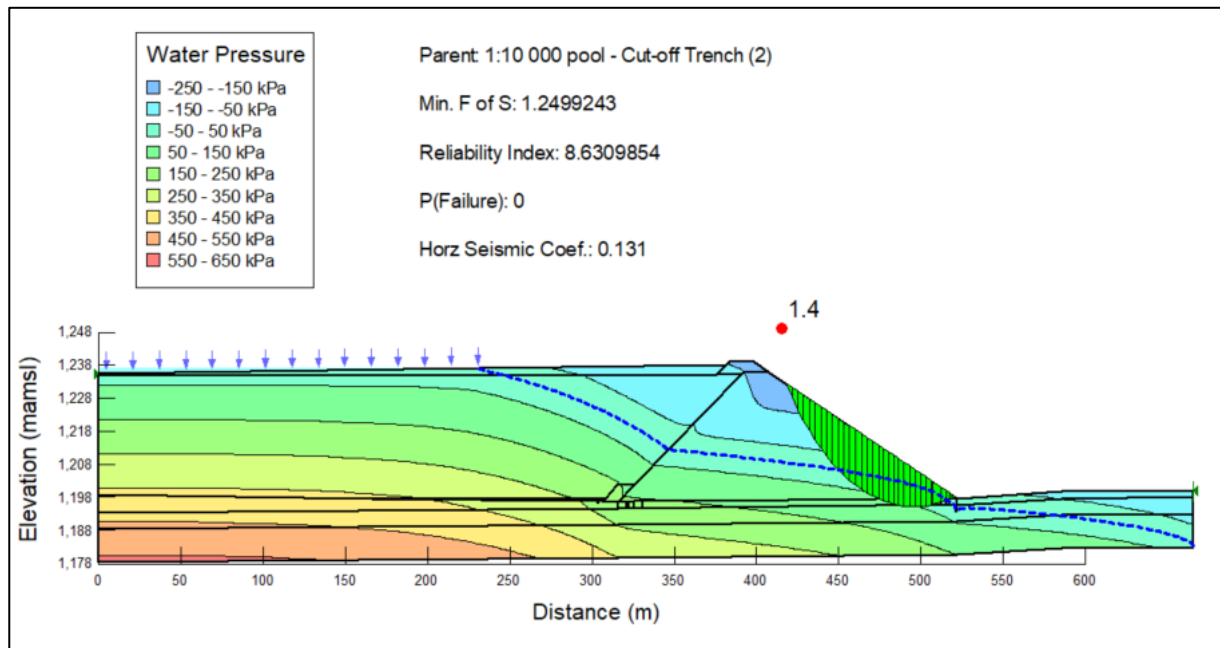
Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 5-1	X		X	X	1.97	19.38	0
Scenario 5-2		X	X	X	1.31	8.70	0
Scenario 5-3	X		X		1.91	20.88	0
Scenario 5-4		X	X		1.27	8.46	0
Scenario 5-5	X			X	1.84	20.20	0
Scenario 5-6		X		X	1.25	8.63	0
Scenario 5-7	X				1.65	16.52	0
Scenario 5-8		X			1.09	5.52	0



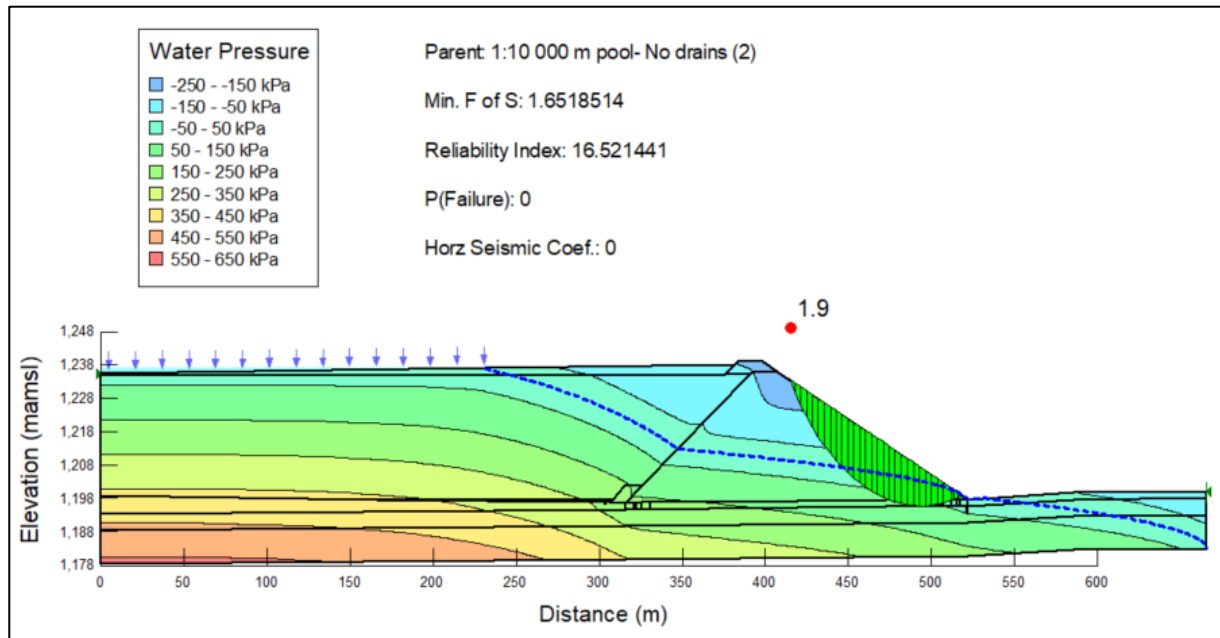
SCENARIO 5-1

**SCENARIO 5-2****SCENARIO 5-3**

**SCENARIO 5-4****SCENARIO 5-5**



SCENARIO 5-6



SCENARIO 5-7

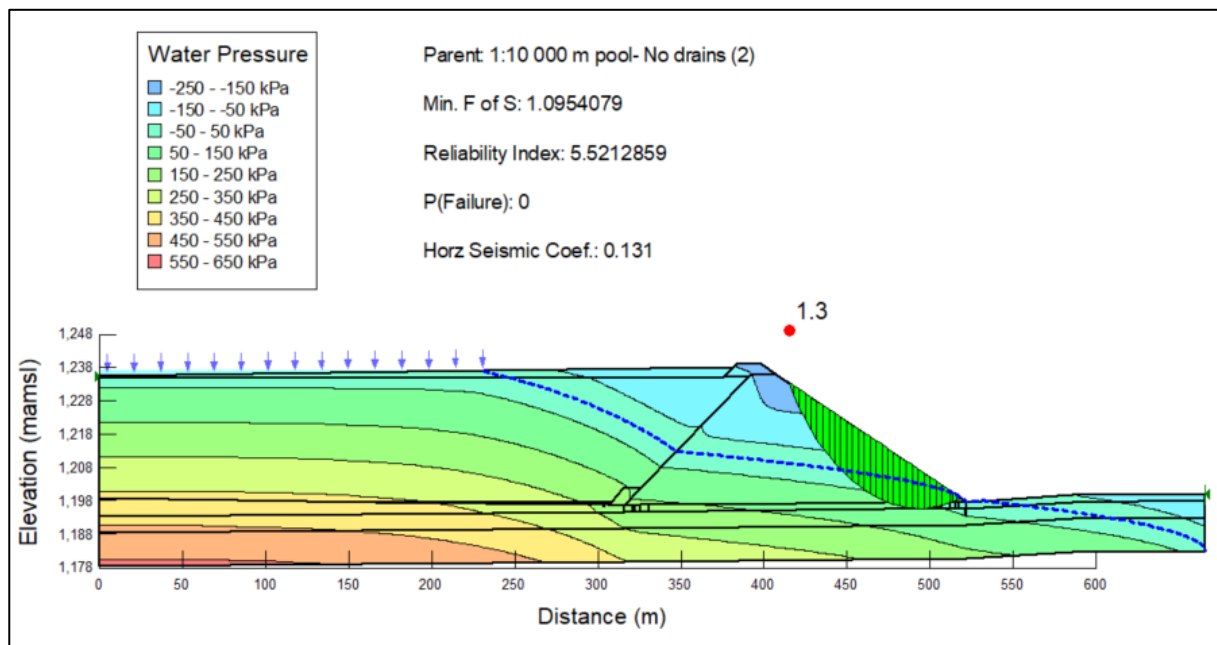
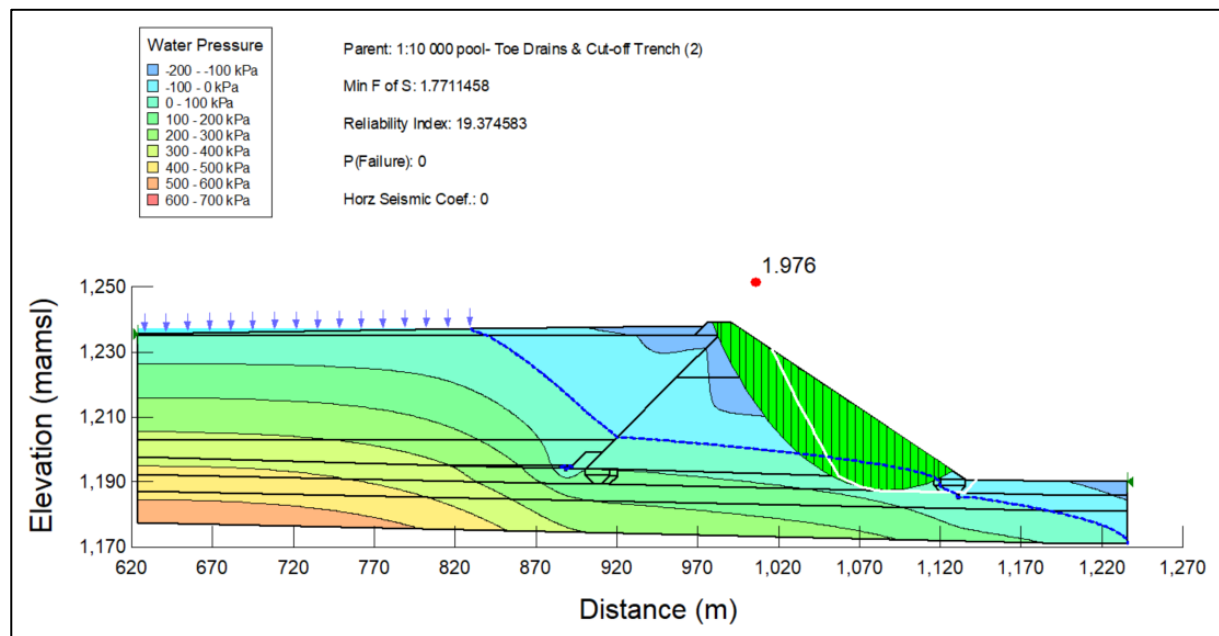
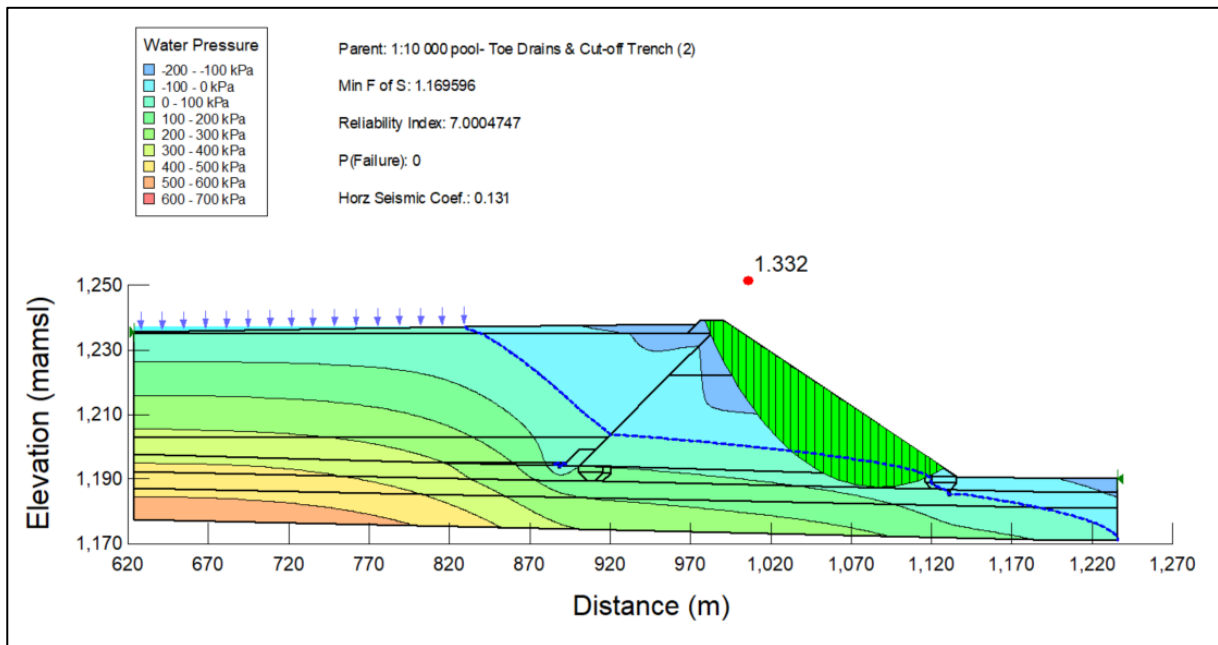
**SCENARIO 5-8**

TABLE 6: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 2 PHASE 2 EASTERN WALL AT FINAL TAILINGS ELEVATION

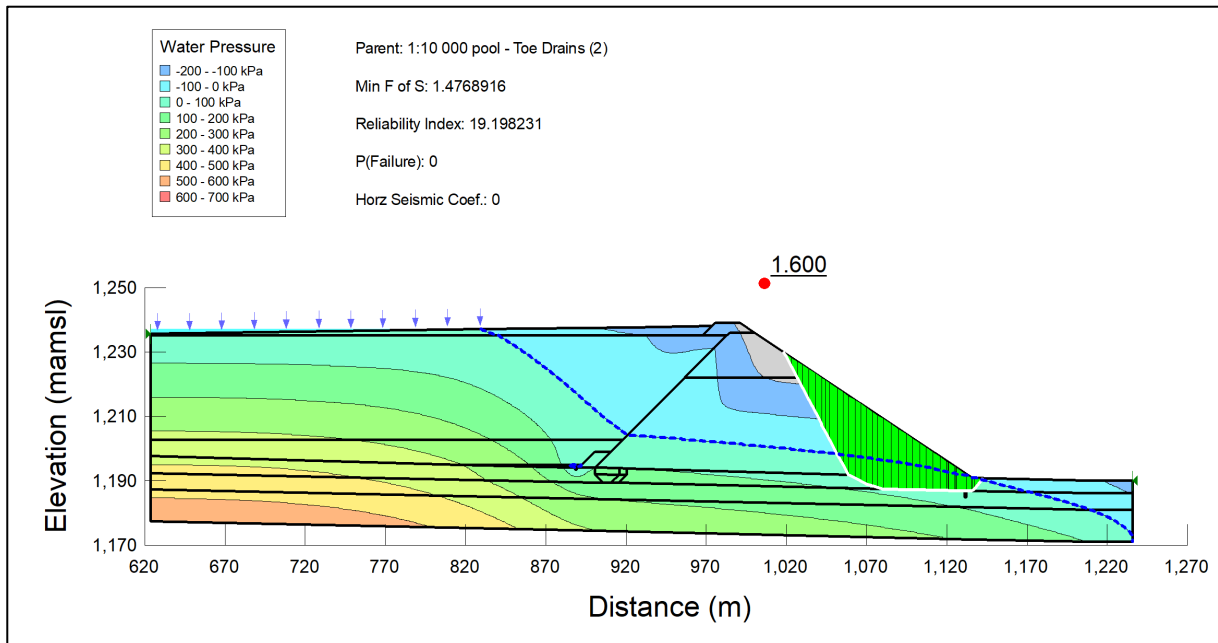
Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 6-1	X		X	X	1.77	19.37	0
Scenario 6-2		X	X	X	1.17	7.00	0
Scenario 6-3	X		X		1.48	19.20	0
Scenario 6-4		X	X		1.09	5.69	0
Scenario 6-5	X			X	1.69	18.31	0
Scenario 6-6		X		X	1.11	5.87	0
Scenario 6-7	X				1.62	17.92	0
Scenario 6-8		X			1.01	3.86	0



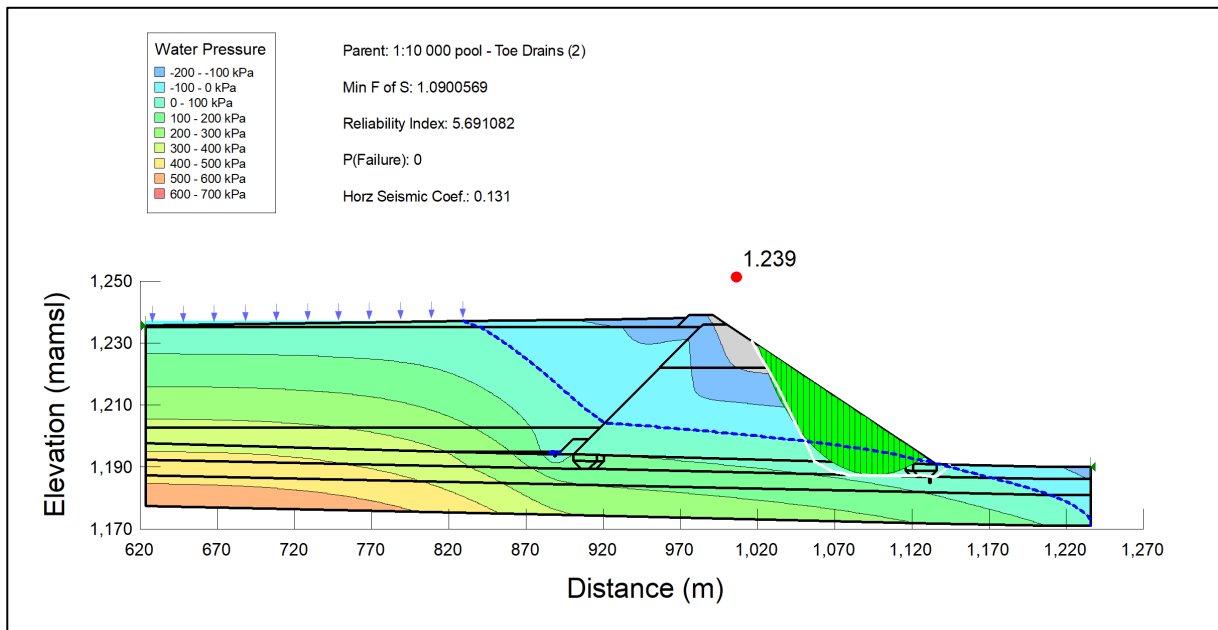
SCENARIO 6-1



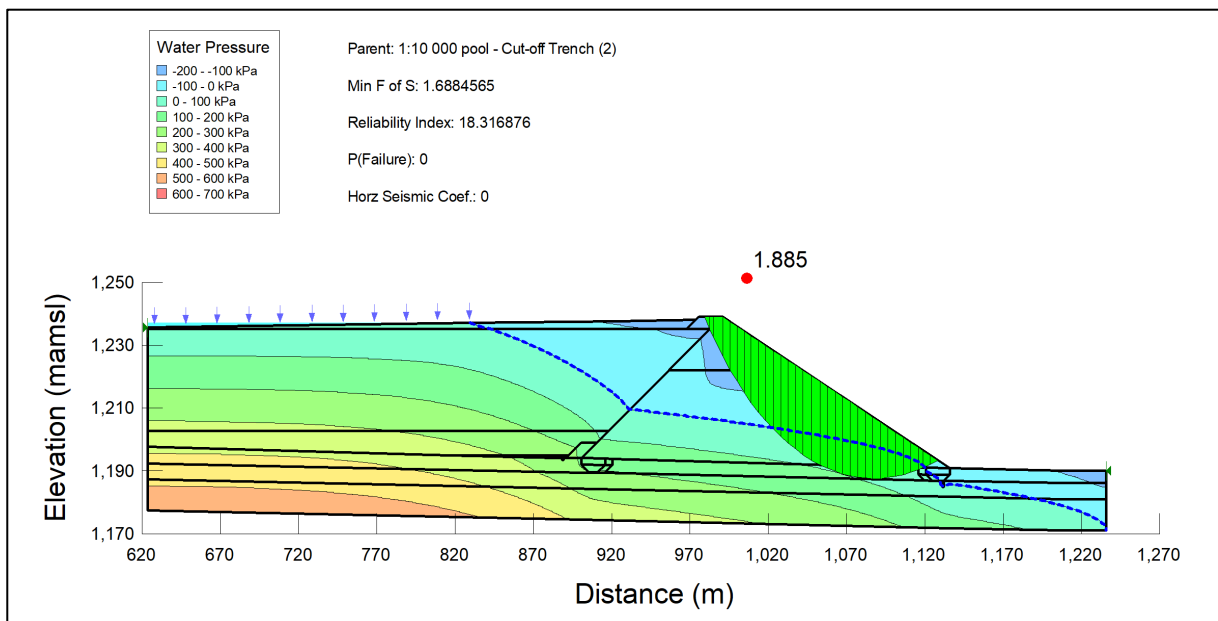
SCENARIO 6-2



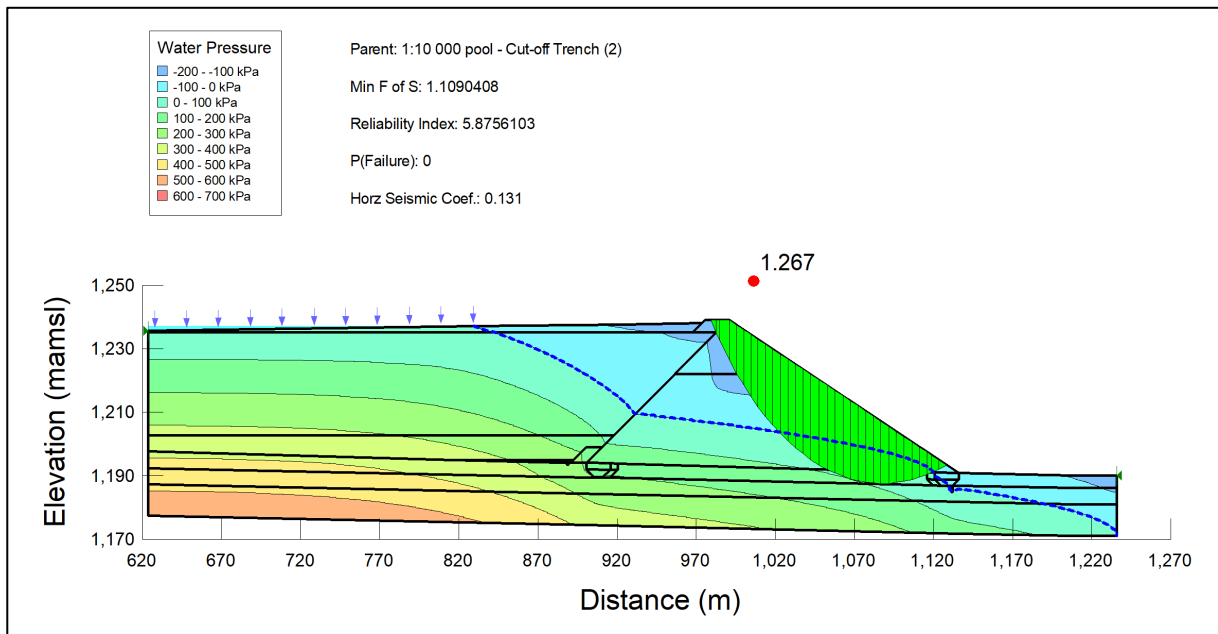
SCENARIO 6-3



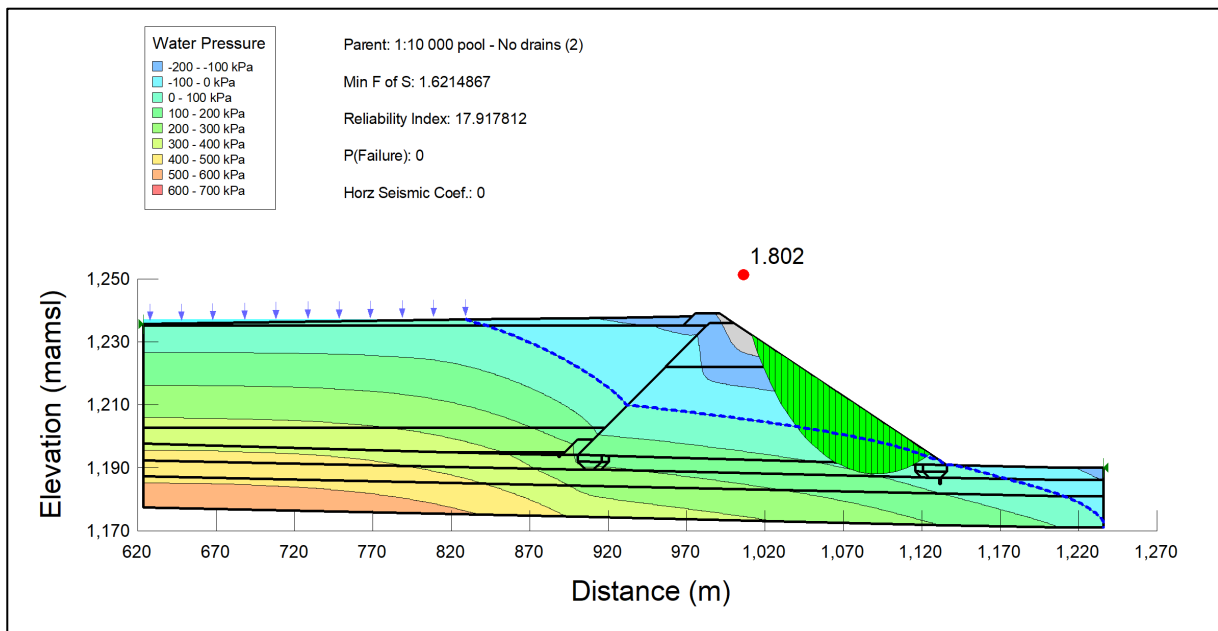
SCENARIO 6-4



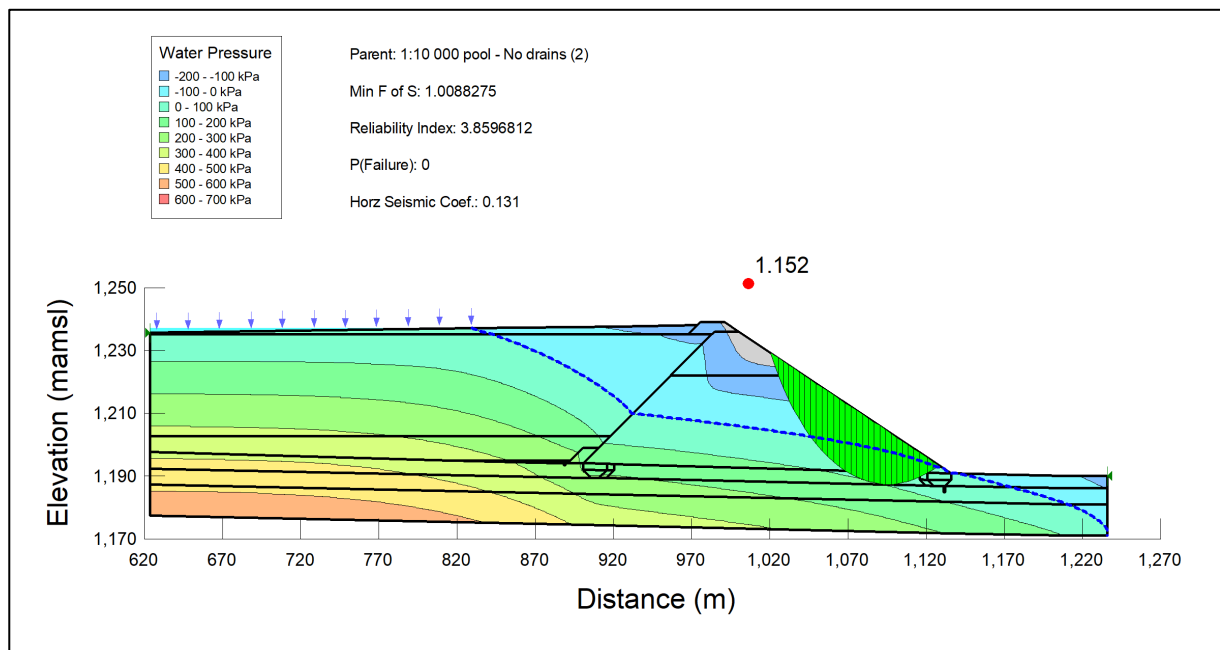
SCENARIO 6-5



SCENARIO 6-6



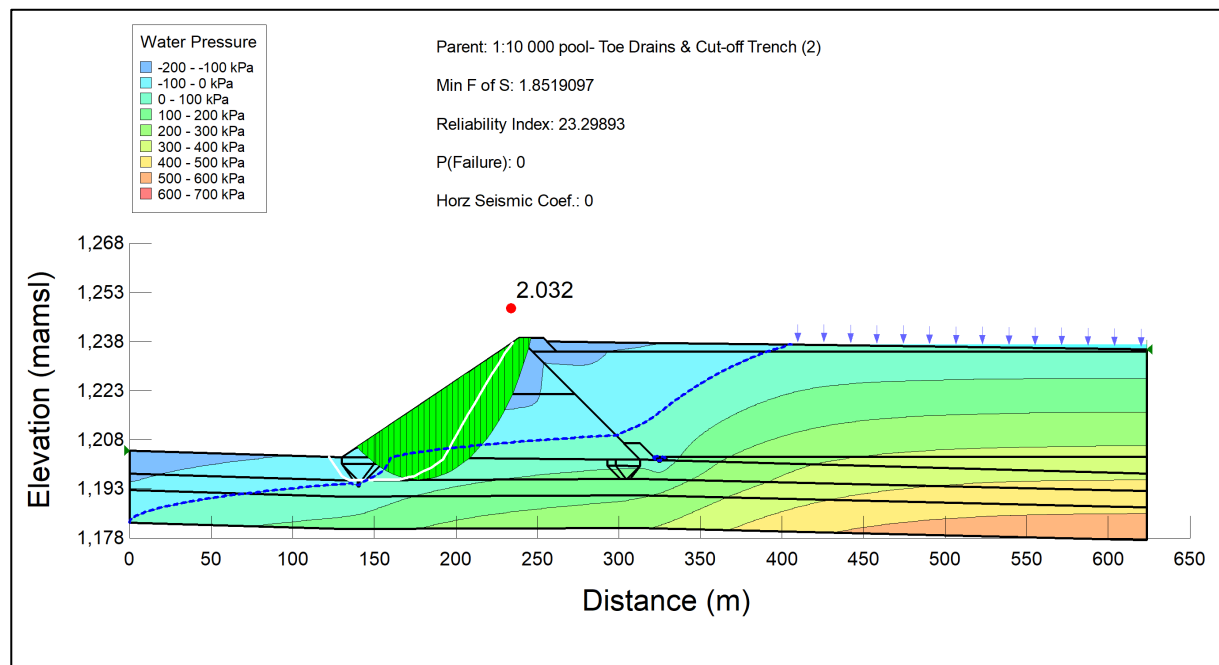
SCENARIO 6-7



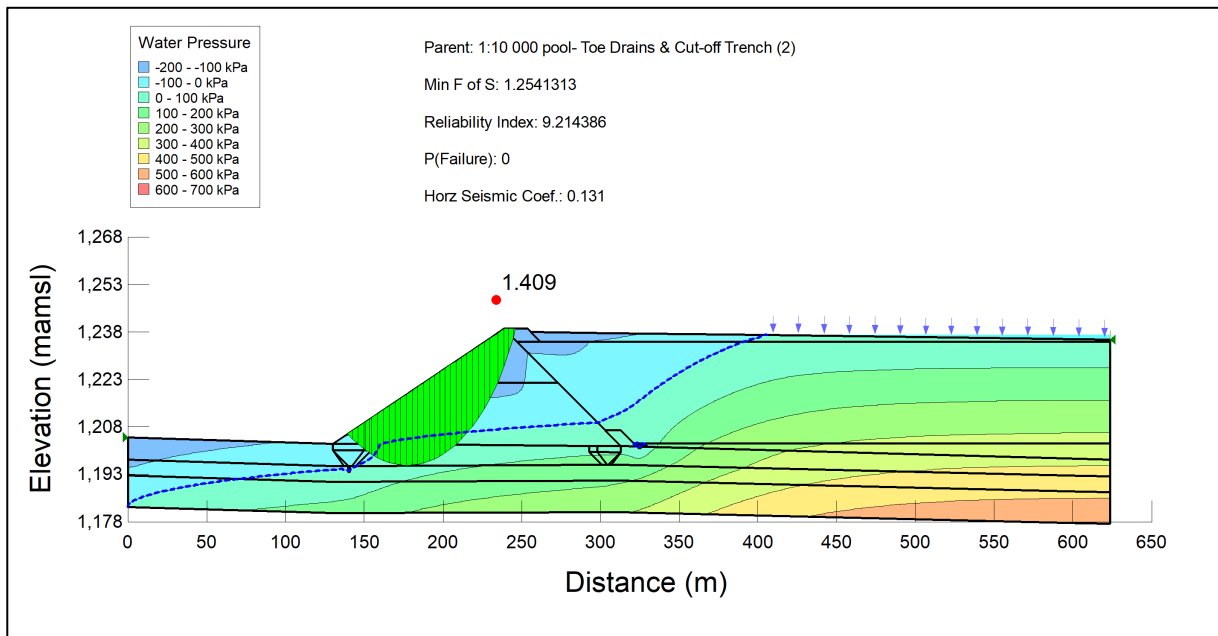
SCENARIO 6-8

TABLE 7: SUMMARY OF THE STATIC AND PSEUDO-STATIC SLOPE STABILITY RESULTS FOR TSF 2 PHASE 2 SOUTHERN WALL AT FINAL TAILINGS ELEVATION

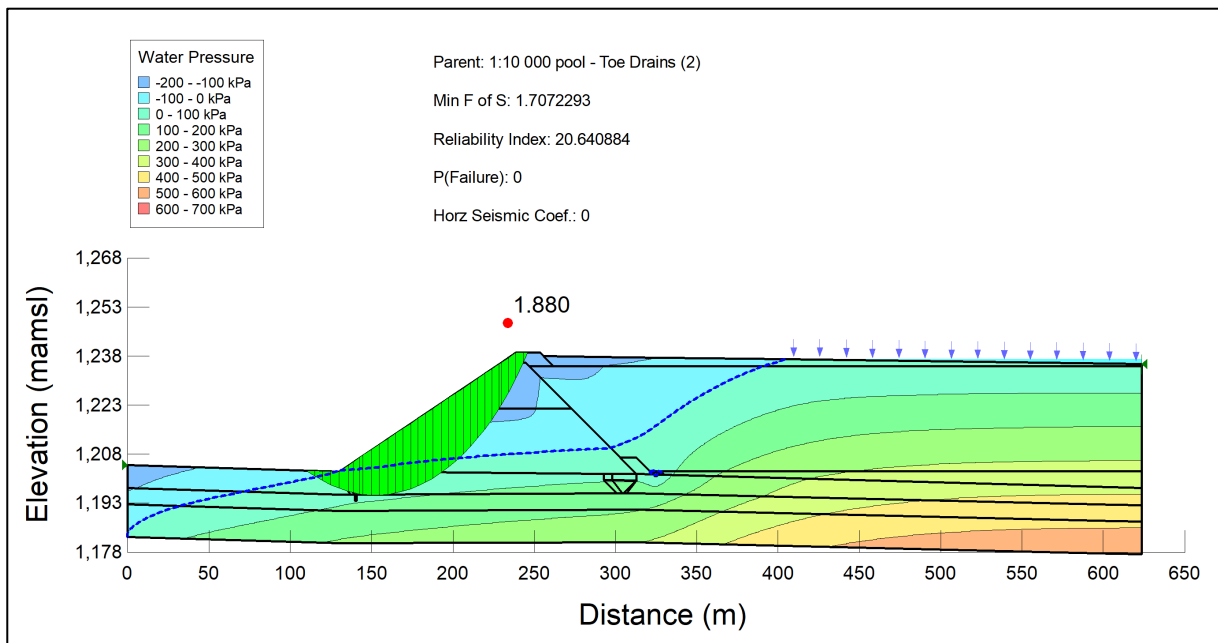
Reference	Seismicity		Drain Functionality		Min FoS	RI	PoF
	Static	Pseudo-Static	Toe drain	Seepage cut-off drain			
Scenario 7-1	X		X	X	1.85	23.30	0
Scenario 7-2		X	X	X	1.25	9.21	0
Scenario 7-3	X		X		1.71	20.64	0
Scenario 7-4		X	X		1.17	10.16	0
Scenario 7-5	X			X	1.78	22.30	0
Scenario 7-6		X		X	1.17	10.83	0
Scenario 7-7	X				1.37	16.70	0
Scenario 7-8		X			1.08	5.50	0



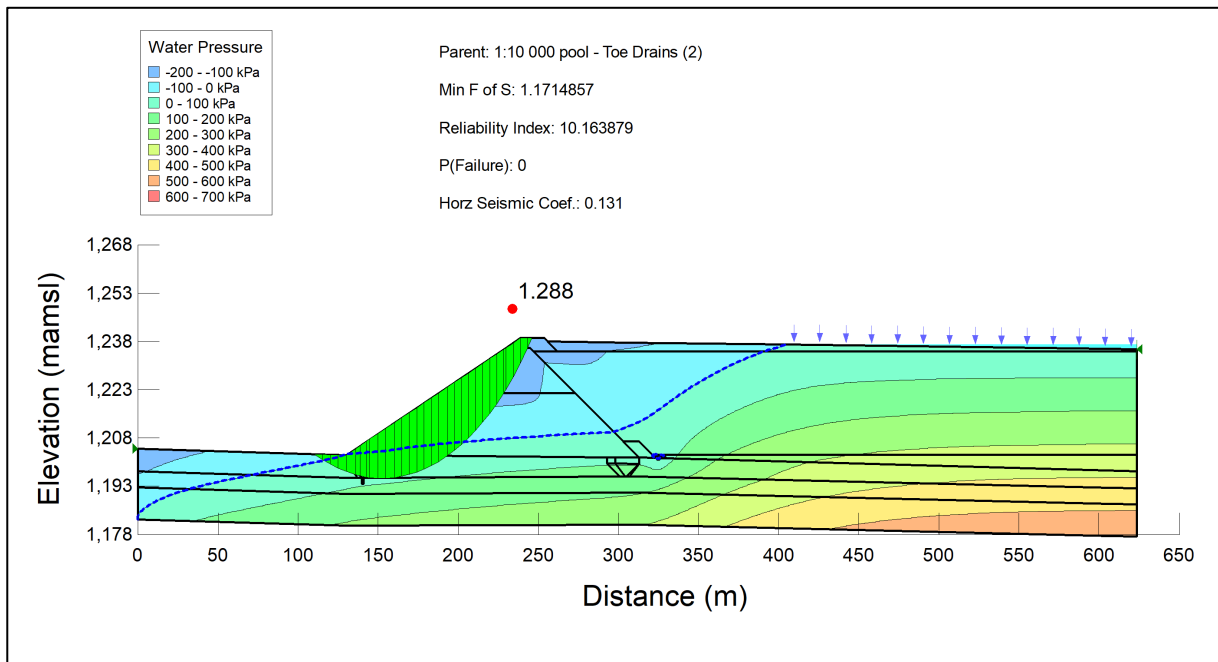
SCENARIO 7-1



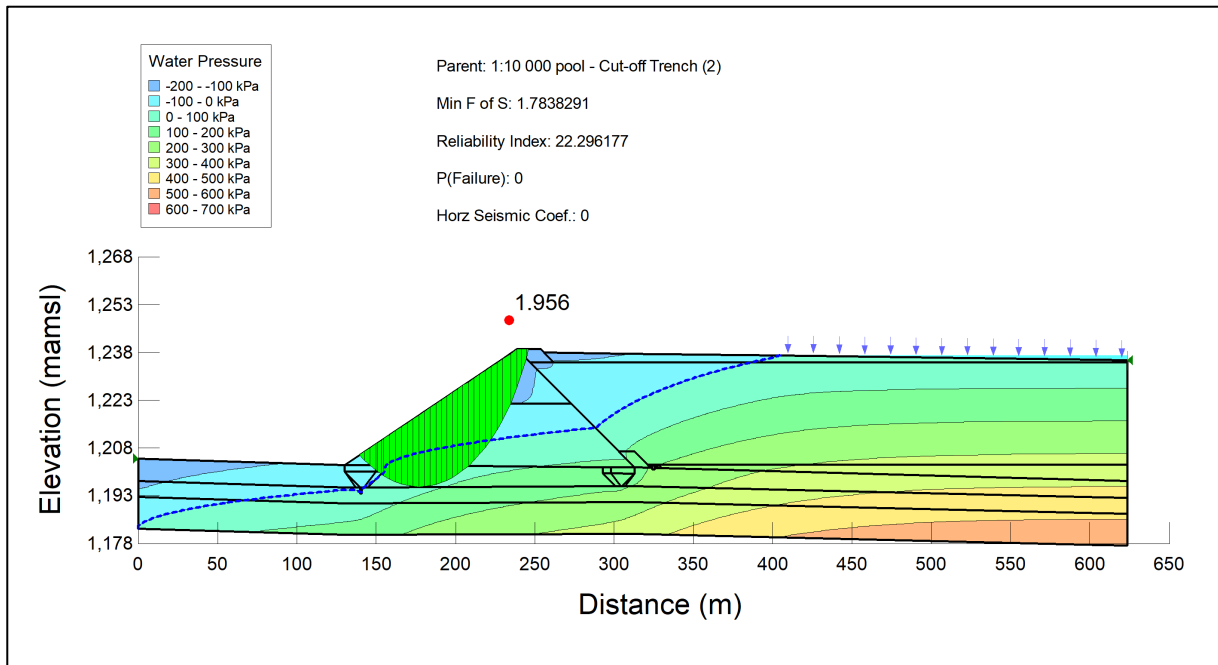
SCENARIO 7-2



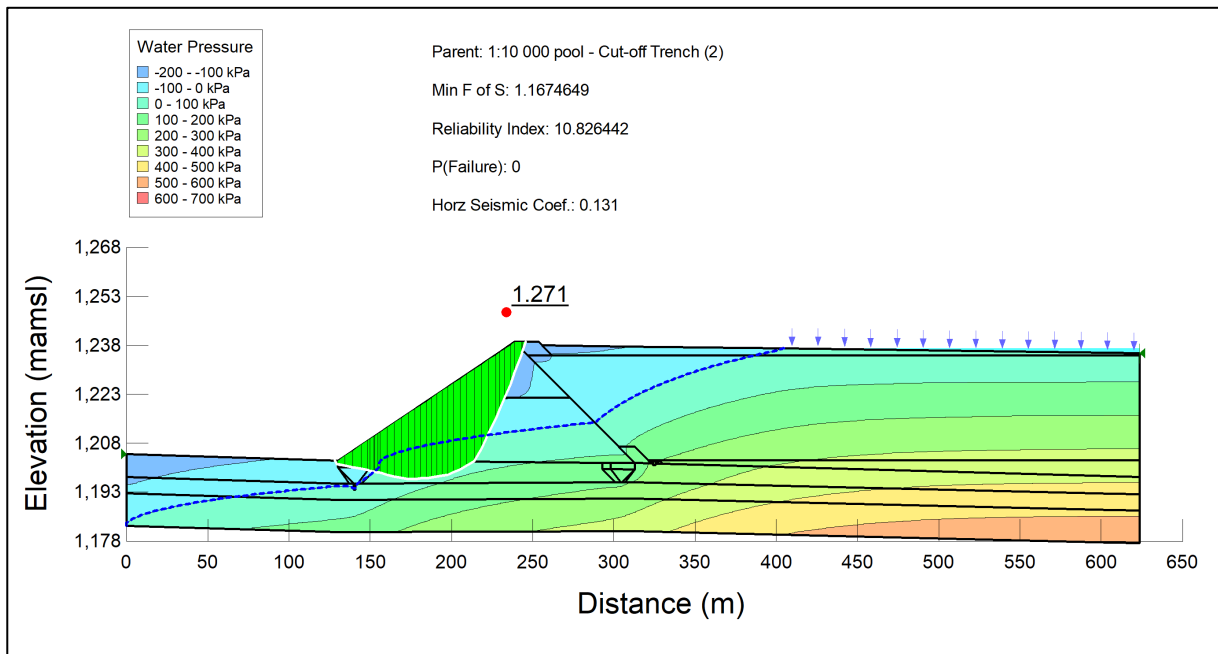
SCENARIO 7-3



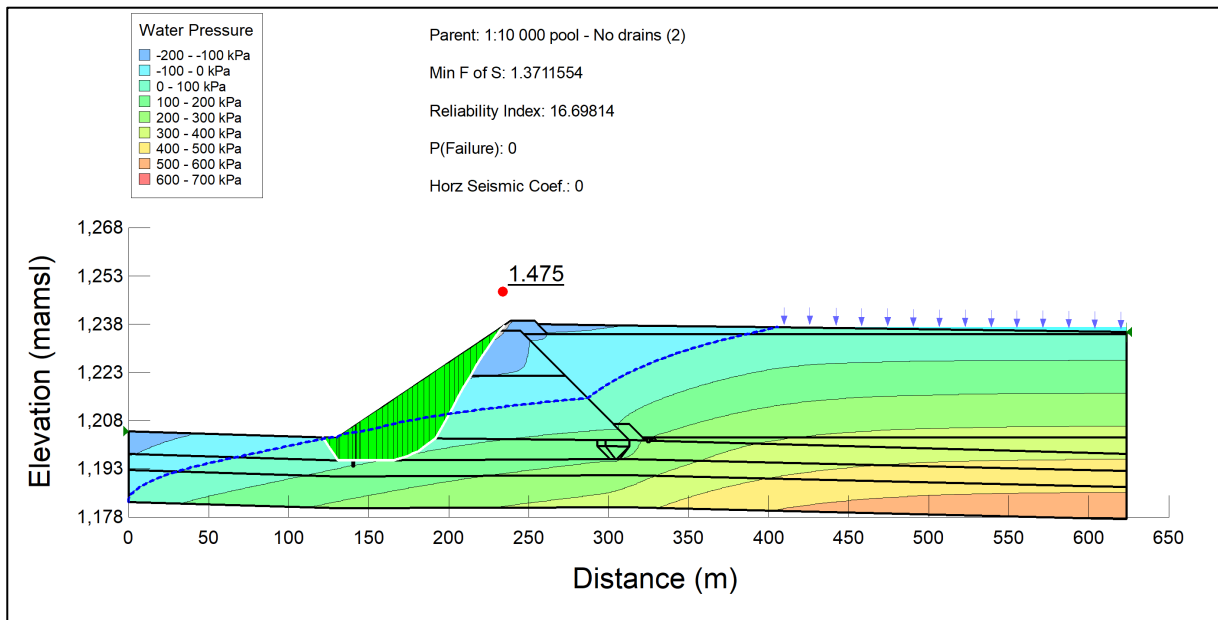
SCENARIO 7-4



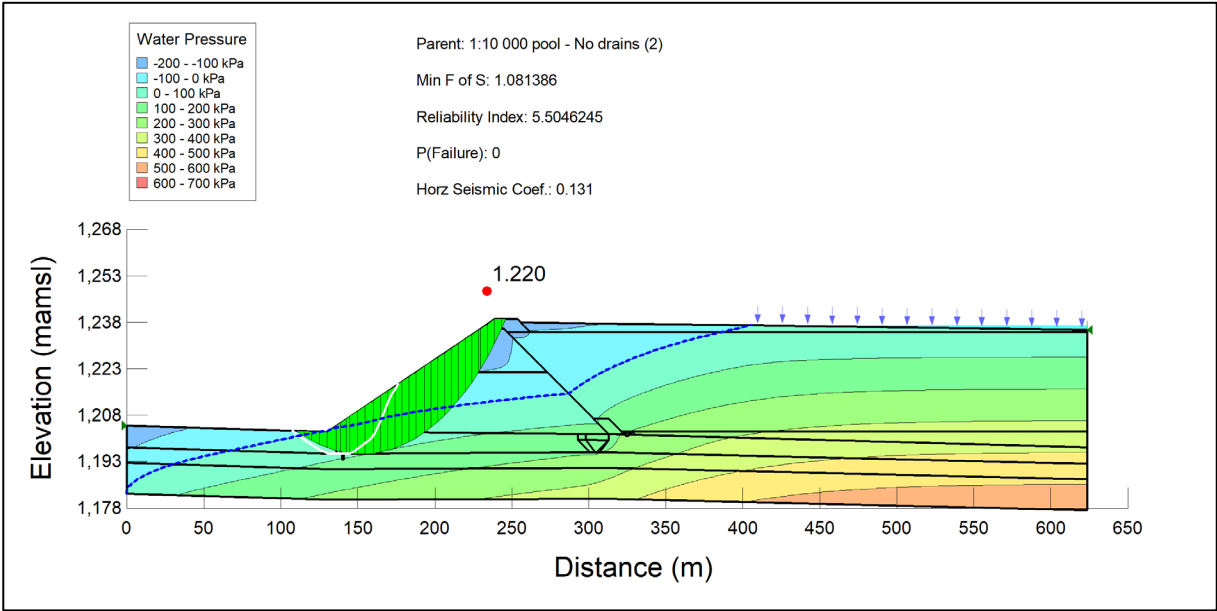
SCENARIO 7-5



SCENARIO 7-6



SCENARIO 7-7



SCENARIO 7-8