

**SVSLOPE™ QAQC REPORT**

Date: 4th May, 2016

Software: SVOFFICE™ 5 Version 5.1.04

2D SLIDE Benchmarks

Method	# of Benchmarks	# of Analysis	FOS Moment Difference (%)			FOS Force Difference (%)		
			Min	Max	Avg	Min	Max	Avg
All	130	309	0.00	3.20	0.46	0.00	3.02	0.61
Ordinary	26	26	0.00	3.20	0.37	-	-	-
Bishop	88	88	0.00	2.22	0.30	-	-	-
Janbu Simplified	47	47	-	-	-	0.00	2.57	0.39
Spencer	62	62	0.00	2.95	0.52	0.00	3.01	0.54
GLE	37	37	0.00	2.19	0.60	0.05	2.19	0.60
M-P	23	23	0.00	2.77	0.80	0.00	2.68	0.77
Corps #1	6	6	-	-	-	0.00	3.02	1.43
Corps #2	7	7	-	-	-	0.00	2.82	1.28
Lowe-Karafiath	13	13	-	-	-	0.00	1.66	0.79

2D Slope/w Benchmarks

Method	# of Benchmarks	# of Analysis	FOS Moment Difference (%)			FOS Force Difference (%)		
			Min	Max	Avg	Min	Max	Avg
All	13	100	0.00	3.27	0.48	0.00	2.11	0.47
Ordinary	12	12	0.00	3.27	0.80	-	-	-
Bishop	13	13	0.00	1.51	0.49	-	-	-
Janbu Simplified	12	12	-	-	-	0.00	2.11	0.62
Spencer	12	12	0.00	1.36	0.34	0.00	1.36	0.43
GLE	11	11	0.00	1.28	0.34	0.00	1.36	0.32
M-P	12	12	0.00	1.28	0.41	0.00	1.44	0.52
Corps #1	11	11	-	-	-	0.00	1.48	0.31
Corps #2	10	10	-	-	-	0.00	1.64	0.46
Lowe-Karafiath	7	7	-	-	-	0.00	2.07	0.70

3D Clara/w Benchmarks

Method	# of Benchmarks	# of Analysis	FOS Moment Difference (%)			FOS Force Difference (%)		
			Min	Max	Avg	Min	Max	Avg
All	13	31	0.11	3.37	1.37	0.08	2.61	1.17
Bishop	13	13	0.17	3.37	1.45	-	-	-
Janbu Simplified	10	10	-	-	-	0.08	2.61	1.13
Spencer	4	4	0.60	1.67	1.07	0.60	1.67	1.05
M-P	4	4	0.11	2.62	1.42	0.11	2.56	1.41

3D Journal Publication Benchmarks

Method	# of Benchmarks	# of Analysis	FOS Moment Difference (%)			FOS Force Difference (%)		
			Min	Max	Avg	Min	Max	Avg
All	6	13	0.00	1.51	0.53	0.00	2.15	0.64
Ordinary	1	1	0.09	0.09	0.09	-	-	-
Bishop	6	6	0.00	1.51	0.66	-	-	-
Janbu Simplified	2	2	-	-	-	0.28	0.36	0.32
Spencer	2	2	0.70	0.72	0.71	0.64	2.15	1.40
GLE	1	1	0.00	0.00	0.00	0.00	0.00	0.00
M-P	1	1	0.32	0.32	0.32	0.40	0.40	0.40