

Table 1. Identification of slope dip directions that are controlled by fracture planes dipping in the same direction.

1	2	3	4	5	6	7	8	9	10	11
1.0	69	352	4	1	100.0					
3.0	70	344	14	4	50.0	1	1	2	70	348
10.0	87	2	14	3	40.0			10	87	2
11.0	53	353	4	1	100.0	2	2	12	49	3
12.0	46	12	10	3	100.0					
20.0	53	27	13	5	60.0					
21.0	46	37	4	1	100.0					
24.0	58	33	3	1	100.0			23	53	32
25.0	53	31	12	4	75.0	3	2			
26.0	20	14	3	1	100.0			26	20	14
48.0	48	57	6	2	50.0					
49.0	37	44	4	1	100.0	4	3	49	43	51
51.0	88	52	6	2	50.0			51	88	52
52.0	10	49	3	1	100.0			52	10	49
55.0	66	57	14	4	75.0					
60.0	56	57	6	2	100.0	5	1	58	61	57
64.0	87	65	4	1	100.0					
65.0	83	76	6	2	50.0	6	1	65	82	71
67.0	77	72	11	3	66.7					
70.0	58	74	10	3	66.7					
72.0	57	68	11	3	100.0	7	1	72	57	68
74.0	56	62	9	2	50.0					
77.0	41	74	4	1	100.0					
			4	1	100.0			77	41	74
84.0	68	95	7	2	100.0	8	2			

85.0	53	89	10	3	100.0			85	61	92
95.0	54	96	6	2	66.7					
101.0	58	96	5	1	100.0					
105.0	60	105	3	1	100.0			100	57	99
97.0	32	97	4	1	100.0	9	2			
99.0	44	83	4	1	100.0					
100.0	43	109	15	5	100.0					
107.0	38	110	3	1	100.0			101	39	100
115.0	34	130	6	2	50.0	10	2	115	10	2
114.0	60	120	11	3	100.0			114	60	120
135.0	44	144	16	5	85.7					
145.0	53	139	13	5	80.0					
146.0	46	150	3	1	100.0					
			3	1	100.0	11	3	142	48	144
138.0	24	135	3	1	100.0					
140.0	30	140	7	2	50.0			139	27	138
136.0	86	134	3	1	100.0			136	86	134
150.0	43	156	3	1	100.0					
157.0	38	161	5	1	100.0					
160.0	46	150	4	1	100.0					
165.0	43	155	8	3	66.7					
181.0	27	166	3	1	100.0			163	39	158
158.0	68	158	3	1	100.0					
163.0	63	151	10	3	66.7					
184.0	49	199	8	2	50.0	12	3			
176.0	67	167	7	2	100.0			170	62	169
170.0	70	168	6	2	100.0					
180.0	78	175	4	1	100.0					
188.0	81	195	4	1	100.0					
190.0	72	196	2	1	100.0					

155.0	86	135	5	2	50.0			177	77	174
198.0	30	180	4	1	100.0			198	30	180
200.0	37	218	4	1	100.0	13	3			
201.0	58	185	3	1	100.0					
205.0	52	207	14	4	100.0			202	49	203
197.0	81	204	3	1	100.0			197	81	204
212.0	65	200	6	2	100.0					
213.0	60	210	12	4	75.0	14	2			
215.0	67	204	6	2	50.0			213	64	204
216.0	87	209	4	1	100.0			216	87	209
219.0	57	217	9	2	100.0					
220.0	69	186	15	4	100.0	15	1	220	63	201
237.0	72	228	7	2	50.0	16	3	237	72	228
235.0	88	237	13	4	80.0					
238.0	60	246	8	2	100.0					
240.0	61	245	9	3	100.0					
242.0	72	242	3	1	100.0					
243.0	62	243	3	1	100.0			240	69	242
236.0	84	223	4	1	100.0			236	84	223
245.0	64	235	4	1	100.0	17	2	245.0	64	235
247.0	74	234	6	2	100.0			247.0	74	234
250.0	63	244	11	4	75.0	18	1			
252.0	68	262	7	2	100.0			251	65	253
264.0	54	284	8	2	100.0					
265.0	51	261	9	3	66.7	19	1			
266.0	55	263	9	2	100.0			265	53	269
275.0	72	274	3	1	100.0					
276.0	65	283	4	1	100.0	20	2	276	69	279
277.0	15	288	3	1	100.0			277.0	15	288

286.0	47	306	5	1	100.0	21	1	287	46	307
287.0	44	307	3	1	100.0					
311.0	55	307	8	2	50.0					
312.0	45	312	6	2	100.0					
313.0	52	311	3	1	100.0					
315.0	56	325	6	2	100.0					
319.0	40	307	3	1	100.0					
322.0	48	330	6	2	50.0	22	3	315.3	49	315
318.0	78	318	6	2	100.0			318	78	318
320.0	10	313	13	4	50.0			320.0	10	313
328.0	38	323	3	1	100.0			328	38	323
325.0	53	333	23	7	57.1	23	3			
330.0	40	332	9	2	50.0			328	47	333
331.0	81	333	3	1	100.0			331.0	81	333
338.0	53	353	7	2	50.0	24	1	338	53	353
345.0	72	348	10	3	66.7			345.0	72	348
346.0	75	257	3	1	100.0	25	3	346.0	75	257
348.0	26	347	11	3	66.7			348.0	26	347
355.0	30	348	16	5	60.0					
356.0	28	349	8	2	100.0					
358.0	30	355	7	2	100.0	26	2	356	29	351
360.0	58	13	9	3	66.7			360.0	58	373

- 1: Slope direction that was found to have one or more fracture planes dipping in a similar ( $\pm 20^\circ$ ) direction (column 1)
- 2: Dip angle for the fracture plane dipping in a direction similar to that of the slope
- 3: Dip direction for the fracture plane dipping in a direction similar to that of the slope
- 4: Total number of fracture planes that were measured at locations where one or more of the measured fracture planes dip in a direction similar to that of the slope
- 5: The number of locations where the fracture planes referred to in column 4 were measured.
- 6: The percentage of measured fracture planes that have dip directions similar to that of the slope direction
- 7: Group number, where each group refers to consecutive (three or more) slope directions that satisfied the condition of having one or more fracture planes dipping in a similar direction
- 8: Number of subgroups within each of the identified groups, where each subgroup includes fracture planes with similar dip directions
- 9: The average slope direction for each of the identified subgroups
- 10: The average fracture dip angle for each of the identified subgroups
- 11: The average fracture dip direction for each of the identified subgroups