

Table 4. Percentage of participants choosing each statement as one of the three most important learning outcomes from a residential field course or camp

Learning outcome	All respondents ( <i>n</i> = 172)	Learners ( <i>n</i> = 93)	Instructors ( <i>n</i> = 66)	Industry professionals ( <i>n</i> = 25)
Better understanding of fundamental geoscience concepts	13.8	13.7	13.9	21.5
Enhance critical thinking and problem-solving skills	18.1	18.8	19.4	15.4
Develop social and professional relationships with peers and instructors*	3.3	3.7	1.7	0.0
Increased confidence in working with “real” data and problems	12.3	12.2	11.7	10.8
Better preparation for a career in the geosciences	4.9	5.2	4.4	1.5
Better appreciation for how geosciences applies to the real world	6.8	7.4	5.0	9.2
Integrating knowledge from a range of courses	8.0	8.1	10.0	6.2
Developing geoscientific expertise	2.3	1.8	2.2	3.1
Proficiency in field skills	12.6	11.8	13.9	10.8
Proficiency in generic skills	6.0	5.9	5.6	6.2
Developing expert-like behavior	4.9	5.5	3.9	4.6
Learning how geoscientists think and reason	6.8	5.9	7.8	10.8
Other (Learning about one’s abilities, skills, and weaknesses)	0.2	0.0	0.6	0.0

\*Results of Pearson chi-square test for independence indicate a statistically significant difference between groups for this item ( $p = 0.029$ ).