

2023 Great Northern Concrete Toboggan Race Official Results																																				
Overall	Toboggan Design												Project Management				Reports & Presentations						Race Day						Team Safety				GRAND TOTAL	OVERALL PLACEMENT		
Category	Concrete Design				Mechanical Design				Misc.				Schedule & Budget				Reports		Presentations				Race Day Performance						Safety Performance							
Sub-Category	Concrete Mix	Concrete Reinforcement	Geometric Profile & Formwork	Total	Frame Design	Braking Design	Steering Design	Total	Innovation	Aesthetics	Sustainability	Total	Subtotal	Schedule Audit Rubric	Budget Performance	Total	Subtotal	Technical Report	Safety Reports	Total	Technical Presentation	Technical Display	Total	Subtotal	Fastest Run	Braking Performance	Steering Performance	King of the Hill	Total	Subtotal	Safety Documentation	Safety of Design			Total	Subtotal
Maximum	3.00	3.00	2.00	8.00	5.00	5.00	5.00	15.00	5.00	2.00	2.00	9.00	32.00	1.00	1.00	2.00	2.00	6.00	2.00	8.00	4.00	7.00	11.00	19.00	7.00	7.00	7.00	9.00	30.00	30.00	2.00	5.00	7.00	7.00	90.00	-
Western University	2.70	2.73	1.87	7.29	3.75	3.83	3.50	11.08	3.87	0.36	1.31	5.54	23.91	1.00	1.00	2.00	2.00	4.78	1.67	6.45	3.28	6.21	9.49	15.94	6.30	0.50	7.00	6.50	20.30	20.30	2.00	4.17	6.17	6.17	69.32	1
University of Toronto	1.53	1.35	1.13	4.01	3.39	3.44	3.17	10.00	3.00	0.42	1.20	4.62	18.63	1.00	1.00	2.00	2.00	3.92	1.53	5.45	3.04	5.08	8.12	13.57	7.00	2.25	7.00	9.00	25.25	25.25	1.00	3.63	4.63	4.63	64.08	2
University of Calgary	2.78	2.60	1.55	6.93	3.39	3.22	4.17	10.78	3.60	0.48	1.15	5.22	22.92	1.00	1.00	2.00	2.00	4.95	1.50	6.46	3.30	6.74	10.04	16.49	5.94	1.53	7.00	1.50	15.97	15.97	2.00	4.18	6.18	6.18	63.57	3
McMaster University	1.21	1.03	0.72	2.96	4.11	3.72	3.44	11.28	3.41	2.00	0.93	6.34	20.57	1.00	1.00	2.00	2.00	3.74	1.52	5.25	2.83	5.94	8.76	14.02	5.27	7.00	7.00	1.50	20.77	20.77	2.00	3.12	5.12	5.12	63.48	4
UBCO	1.48	1.33	0.52	3.33	3.89	4.22	3.94	12.06	3.42	0.40	1.06	4.88	20.27	1.00	1.00	2.00	2.00	4.98	1.76	6.73	3.34	6.65	9.99	16.73	5.48	2.88	7.00	1.50	16.87	16.87	1.50	3.93	5.43	5.43	62.29	5
University of Manitoba	2.18	1.88	1.32	5.37	3.11	2.78	3.39	9.28	2.67	0.12	1.14	3.93	18.57	1.00	1.00	2.00	2.00	3.90	1.37	5.26	3.26	5.78	9.04	14.30	5.27	2.19	7.00	4.00	18.46	18.46	1.00	4.05	5.05	5.05	59.38	6
University of Waterloo	1.45	1.68	1.20	4.33	3.33	2.89	2.78	9.00	2.62	0.00	1.56	4.18	17.50	1.00	1.00	2.00	2.00	3.83	1.42	5.24	3.07	6.13	9.20	14.44	3.23	0.00	7.00	1.50	11.73	11.73	1.83	3.07	4.90	4.90	51.58	7
University of British Columbia	1.91	1.56	0.80	4.27	3.19	3.61	3.53	10.33	3.20	0.71	1.41	5.31	19.91	1.00	1.00	2.00	2.00	4.41	1.34	5.75	3.17	4.90	8.07	13.82	2.23	0.00	7.00	0.00	9.23	9.23	1.50	2.98	4.48	4.48	49.45	8
Toronto Metropolitan University	1.41	1.38	0.83	3.63	3.39	2.83	2.67	8.89	2.63	0.18	0.84	3.64	16.16	1.00	1.00	2.00	2.00	2.72	1.58	4.31	2.91	5.43	8.34	12.64	0.50	0.00	7.00	0.00	7.50	7.50	1.75	4.20	5.95	5.95	44.25	9
SAIT	1.07	1.80	1.07	3.93	3.28	2.50	2.61	8.39	1.97	0.36	1.16	3.49	15.81	1.00	1.00	2.00	2.00	0.29	1.57	1.86	3.26	5.25	8.51	10.37	3.29	0.00	7.00	0.00	10.29	10.29	0.50	3.23	3.73	3.73	42.21	10
Memorial University	0.00	2.03	0.97	2.99	3.22	2.94	3.39	9.56	2.93	1.76	0.96	5.65	-6.81	1.00	1.00	2.00	2.00	2.24	1.38	3.61	3.02	5.95	8.97	12.58	5.53	2.39	7.00	4.00	18.92	18.92	1.50	2.80	4.30	4.30	31.00	11
Concordia University	0.83	1.28	0.60	2.72	2.78	2.33	2.67	7.78	2.87	0.06	1.24	4.17	-3.84	1.00	1.00	2.00	2.00	3.08	1.71	4.79	2.75	5.51	8.26	13.05	3.48	0.00	7.00	0.00	10.48	10.48	2.00	3.38	5.38	5.38	28.07	12
Queens University	0.57	0.07	0.22	0.86	2.00	1.56	1.83	5.39	1.53	0.30	0.63	2.46	8.70	0.00	0.25	0.25	0.25	-2.18	1.24	-0.94	1.79	5.95	7.74	6.80	0.00	0.00	7.00	0.00	7.00	7.00	0.75	2.37	3.12	3.12	25.87	13
University of Guelph	1.63	1.15	0.95	3.73	2.72	2.50	2.89	8.11	2.08	0.69	1.03	3.81	-22.36	1.00	1.00	2.00	2.00	2.90	1.17	4.07	2.65	5.25	7.90	11.98	5.82	0.67	7.00	4.00	17.49	17.49	1.25	3.77	5.02	5.02	15.12	14
University of Alberta	1.03	0.96	0.30	2.29	3.22	2.31	3.17	8.69	2.81	0.12	1.16	4.09	-21.92	1.00	1.00	2.00	2.00	3.84	0.89	4.73	2.83	5.16	7.99	12.72	3.39	0.00	4.00	0.00	7.39	7.39	1.40	3.32	4.72	4.72	5.90	15

