

Supplementary Table 5. Till data

Interpreted stratigraphic unit and lithofacies	Station ID	Sample ID	Interpreted stratigraphic unit and lithofacies	Depth_Top (m)	Consolidation	Jointing	Oxidation on joints	Field-clast percent	Munsell code	Munsell colour	Sand (% weight)	Silt (% weight)	Clay (% weight)	Total carbonate (% weight)	Carbonate clasts (% count)	Intrusive clasts (% count)	Undifferentiated greenstones and greywackes clasts (% count)	Quartzite, quartz, chert clasts (%)	Sandstone clasts (% count)
G-2	115-21-003	115-21-003-A01	G-2	0.5	Compact	No	No	10-15	2.5Y 5/4	light olive brown	67.8	23.2	9	42.47	70.4	27.3	2.3	0.0	0.0
G-1	115-21-003	115-21-003-B01	G-1	1.30	Compact	No	No	10	2.5Y 5/2	greyish brown	66.2	24.6	9.2	44.72	62.7	33.4	3.3	0.0	0.6
G-2	115-21-010/115-22-301	115-21-010-Y01	G-2	0.50	Compact	No	No	10-15	2.5Y 6/3	light yellowish brown	42.6	43.3	14.1	61.94	58.5	37.0	2.4	1.2	0.8
G-1	115-21-010/115-22-301	115-21-010-A01	G-1	1.30	Compact	Yes	No	10-15	10YR 5/3	brown	39.3	43.1	17.6	54.44	76.6	18.3	3.8	1.3	0.0
G-1	115-21-005	115-21-005-A01	G-1	1.30	Compact	No	No	10-15	2.5Y 5/3	light olive brown	66.6	24.4	9	44.69	68.5	27.9	2.7	0.9	0.0
F diamict	115-19-001	115-19-001-A01	F diamict	4.60	Compact	No	No	10-40	10YR 5/3	brown	61.9	31.5	6.6	34.75	70.4	24.7	4.6	0.4	0.0
D-3	115-21-010/115-22-301	115-22-301-A01	D-3	3.60	More compact	No	No	3-5	5Y4/1	dark grey	64.6	26.6	8.8	45.82	61.4	34.1	4.2	0.0	0.2
D-2	115-21-002	115-21-002-B01	D-2	8.00	Compact	Fissile	No	10-15	2.5Y 5/2	greyish brown	36.3	54.7	9	49.69	72.2	20.0	6.9	0.6	0.3
D-1	115-21-002	115-21-002-C01	D-1	8.90	Compact	Yes	No	10	2.5Y 4/1	dark grey	24	33.2	42.8	32.94	73.7	18.9	7.4	0.0	0.0
A	115-21-002	115-21-002-Z01	A	11.00	More compact	Minor	No	3-5	2.5Y4/5	olive brown	45.8	44.5	9.8	54.38	75.1	17.4	7.1	0.2	0.2