

Landforms	Type of deposits	Area %	<i>n</i> sites/ samples	Mean depth active layer (cm)/ <i>n</i> sites	Mean ± SD SOC/TN storage						
					Organic layer kg C m <sup>-2</sup>	0–30 cm kg C m <sup>-2</sup>	0–100 cm kg C m <sup>-2</sup>	Permafrost in 0–100 cm kg C m <sup>-2</sup>	100–200 cm kg C m <sup>-2</sup>	200–300 cm kg C m <sup>-2</sup>	0–100 cm kg N m <sup>-2</sup>
Bedrock		7.62	1/1		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allochthonous weathered bedrock	colluvial deposits	30.4	2/14	> 80/1	0.0 ± 0.0	0.1 ± 0.1	0.3 ± 0.4	0.2 ± 0.3	0.1 ± 0.1	0.0	0.0
Solifluction sheets	colluvial deposits	14.3	3/32	> 81/3	0.1 ± 0.6	0.1 ± 0.4	1.7 ± 0.9	0.0	0.2 ± 0.3	0.0	0.1 ± 0.1
Lateral / end moraines	glacial deposits	18.1	4/21	> 41/4	0.1 ± 0.1	0.9 ± 1.1	2.1 ± 3.2	1.1 ± 1.3	0.0	0.0	0.1 ± 0.1
Ground moraine	glacial deposits	2.39	3/33	> 76/3	1.6 ± 0.2	6.7 ± 3.1	15.9 ± 4.0	1.7 ± 2.8	2.1 ± 1.8	0.0	1.1 ± 0.3
Alluvial fans	alluvial deposits	15.0	15/260	> 84/15	2.5 ± 3.0	7.3 ± 3.6	19.8 ± 9.3	3.9 ± 4.1	8.6 ± 10.0	3.3 ± 5.8	1.1 ± 0.6
Wetlands (alluvial fan)	peat/alluvial deposits	0.36	5/89	80/5	16.0 ± 17.7	11.0 ± 3.4	29.8 ± 12.5	14.4 ± 10.1	9.1 ± 10.0	2.4 ± 2.2	1.9 ± 0.7
Bog (alluvial fan)	peat/alluvial deposits	0.01	3/48	37/3	36.5 ± 8.8	16.0 ± 9.6	42.7 ± 7.0	24.6 ± 17.2	6.2 ± 2.6	6.2 ± 2.6	2.9 ± 0.5
Lakes	lacustrine deposits	0.25	4/43	> 80/4	11.4 ± 1.3	5.6 ± 2.2	14.5 ± 2.8	1.0 ± 1.2	5.0 ± 2.5	2.1 ± 1.8	0.4 ± 0.0
Fluvial stream bed (relict)	fluvial deposits	1.20	2/24	64/2	2.3 ± 0.8	6.2 ± 0.2	20.9 ± 4.5	8.4 ± 6.3	4.4 ± 1.3	4.7 ± 1.7	1.4 ± 0.4
Delta (raised, relict)	deltaic deposits	2.48	4/78	79/4	1.2 ± 0.8	4.4 ± 1.6	9.1 ± 3.2	2.2 ± 2.3	6.7 ± 4.4	4.0 ± 1.4	0.7 ± 0.3
Fluvial stream bed (recent)	fluvial deposits	7.97	2/5	> 100/1	0.1 ± 0.2	0.8 ± 0.8	1.0 ± 0.5	0.0	0.3 ± 0.5	0.3 ± 0.5	0.0
Mean ± CI SOC/TN storage (weighed by landform proportion)		100	48/648		0.6 ± 0.3	1.9 ± 0.4	4.8 ± 1.0	1.1 ± 0.4	1.7 ± 0.8	0.7 ± 0.4	0.3 ± 0.1