



Supplement of

Arctic–alpine blockfields in the northern Swedish Scandes: late Quaternary – not Neogene

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Table S1. Blockfield observations along Alddasčorru, Duoptečohkka, and Tarfalatjárro transects.

Transect and pit ¹	Location	Elevation (m a.s.l.)	Slope (°)	Depth (m)	Periglacial sorting	Dominant slope process(es)	Surface fine matrix (% area)	Pit fine matrix (% vol)	Distinctive section feature	Water content
Alddasčorru 1	Summit	1538	<5	1.06	Circles (40% surface area)	Creep	15	5	Little fine matrix	Wet
Alddasčorru 2	Upper slope	1500	12	0.63	Circles, few stripes (40% surface area)	Creep, some solifluction	15	20	Thick gravel layer	Very wet
Alddasčorru 3	Slope base	1460	7	0.92	Circles (50% surface area)	Creep, some solifluction	15	25	-	Very wet, saturated at base
Alddasčorru 4	Plateau	1450	<5	0.78	Circles (90% surface area)	Creep	50	10	Thick gravel layer	Saturated
Duoptečohkka 1	Summit	1330	<5	0.30	None (frequent bedrock)	Creep	5	10	Shallow section	Wet
Duoptečohkka 2	Upper slope	1300	10	0.75	Circles (50% surface area)	Creep, some solifluction	5	15	Little fine matrix	Wet
Duoptečohkka 3	Plateau	1290	7	0.86	Circles (90% area, poorly defined)	Creep	10	20	-	Very wet
Duoptečohkka 4	Lower slope	1240	14	0.94	Stripes, some circles (50% area)	Solifluction, surface wash, creep	10	10	Deep, dominated by gravel	Damp
Duoptečohkka 5	Lower slope	1200	14	1.30	Stripes, some circles (25% area)	Solifluction, surface wash, creep	10	5	Deep, dominated by gravel	Damp
Tarfalatjárro 1	Summit	1626	<5	1.30	Circles (30% area, poorly defined)	Creep	10	5	Little fine matrix	Damp
Tarfalatjárro 2	Summit	1626	<5	1.30	Circles (30% area, poorly defined)	Creep	10	15	-	Wet
Tarfalatjárro 3	Summit/ Slope	1623	8	1.18	Circles (20% area, poorly defined)	Creep	10	20	More fine matrix than at summit	Wet
Tarfalatjárro 4	Slope	1586	6	0.71	Circles (30% area, poorly defined)	Creep	10	20	-	Damp
Tarfalatjárro 5	Slope	1572	6	0.65	Circles (30% area, poorly defined)	Creep, some solifluction	20	25	-	Wet
Tarfalatjárro 9	Saddle	1553	<5	1.10	Circles (90% surface area)	Deposition, surface wash, creep	30	30	Abundant fine matrix	Very wet, saturated at base

¹ Alddasčorru pits 5–10 and Duoptečohkka pits 8–10 are excluded because they were not excavated into blockfields. Duoptečohkka pits 6–7 and Tarfalatjárro pits 6–8 are excluded because they were not excavated to maximum depths accessible by hand tools.