

BANKS ISLAND

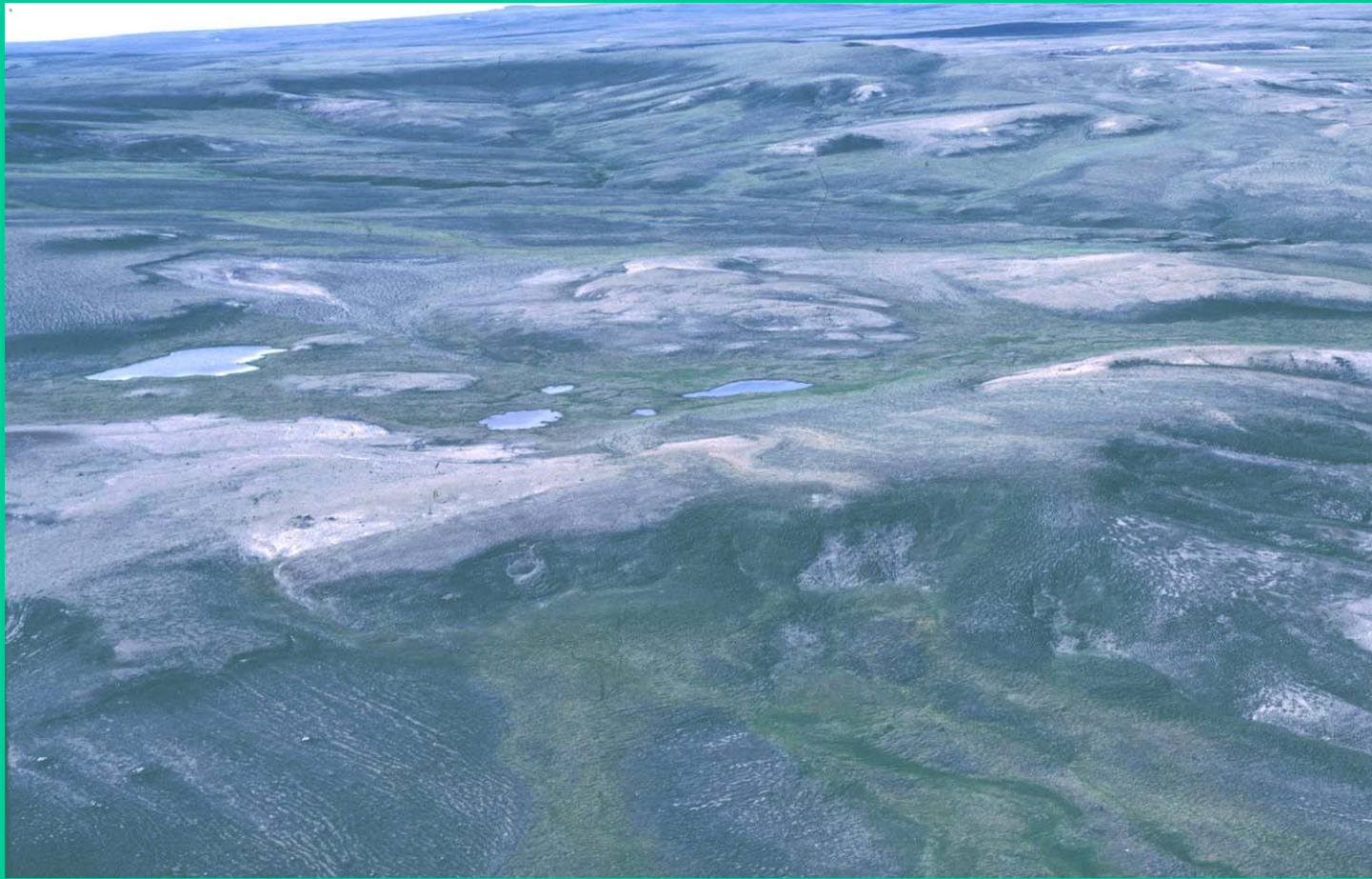
PHOTOS

Photos taken by Charles Tarnocai, July 1981



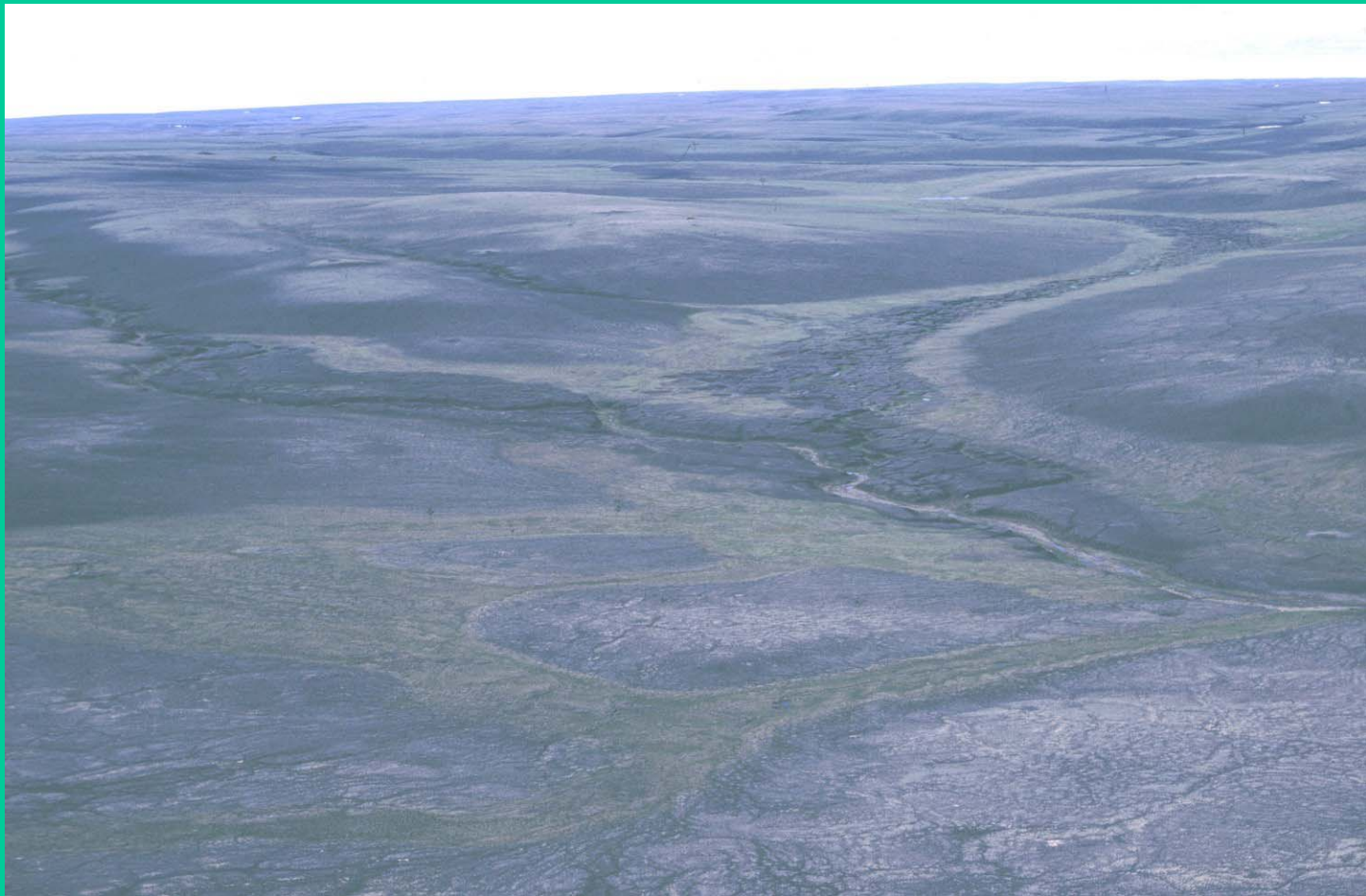
Landscape around $72^{\circ} 46' \text{ N}$ and $119^{\circ} 48' \text{ W}$. Alluvial deposits along the river associated with ice-wedge polygons.

257.81a



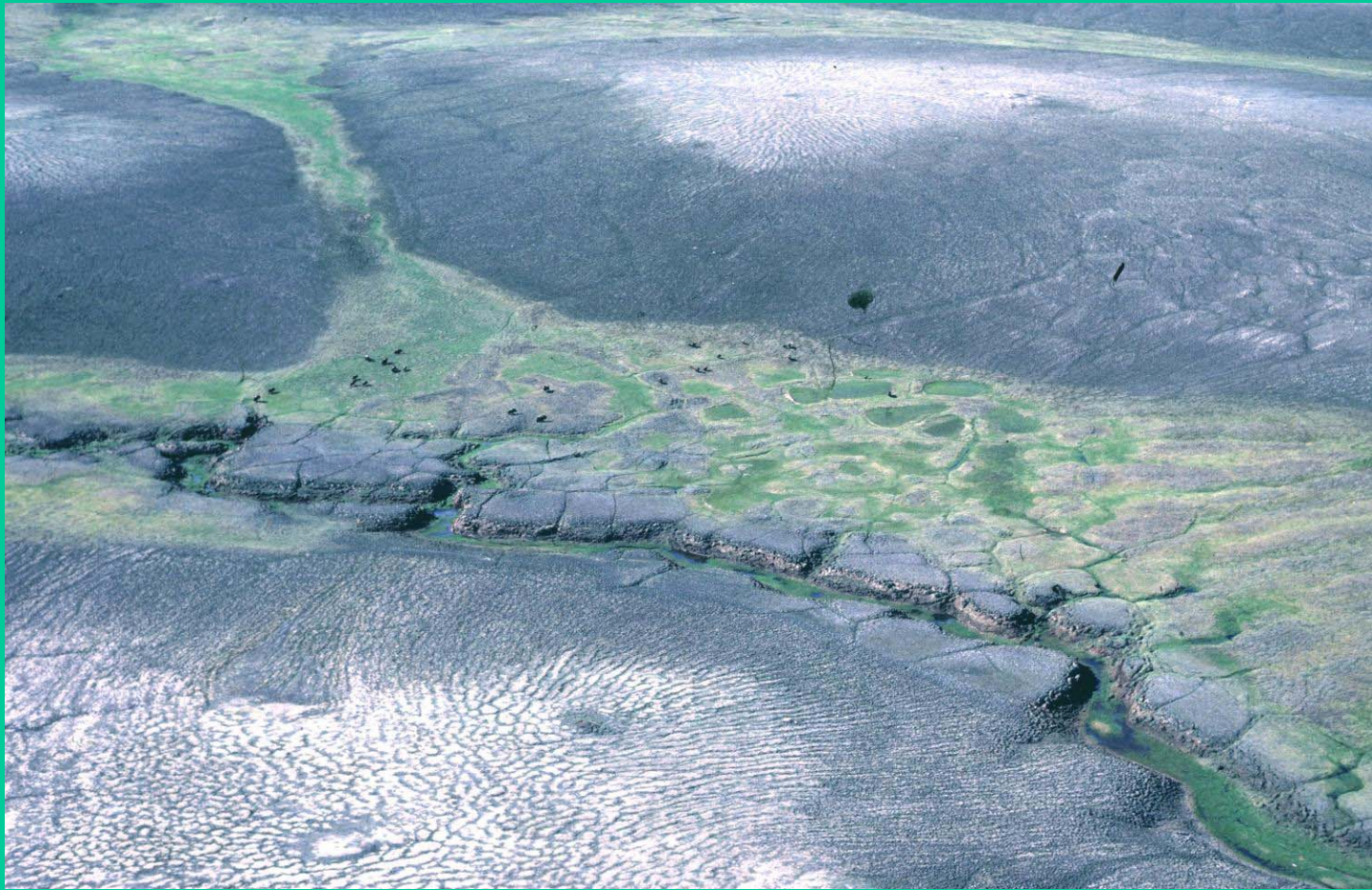
Landscape around $72^{\circ} 46' \text{ N}$ and $119^{\circ} 48' \text{ W}$. Some circles on top of the hills, stripes on slopes.

258.81a



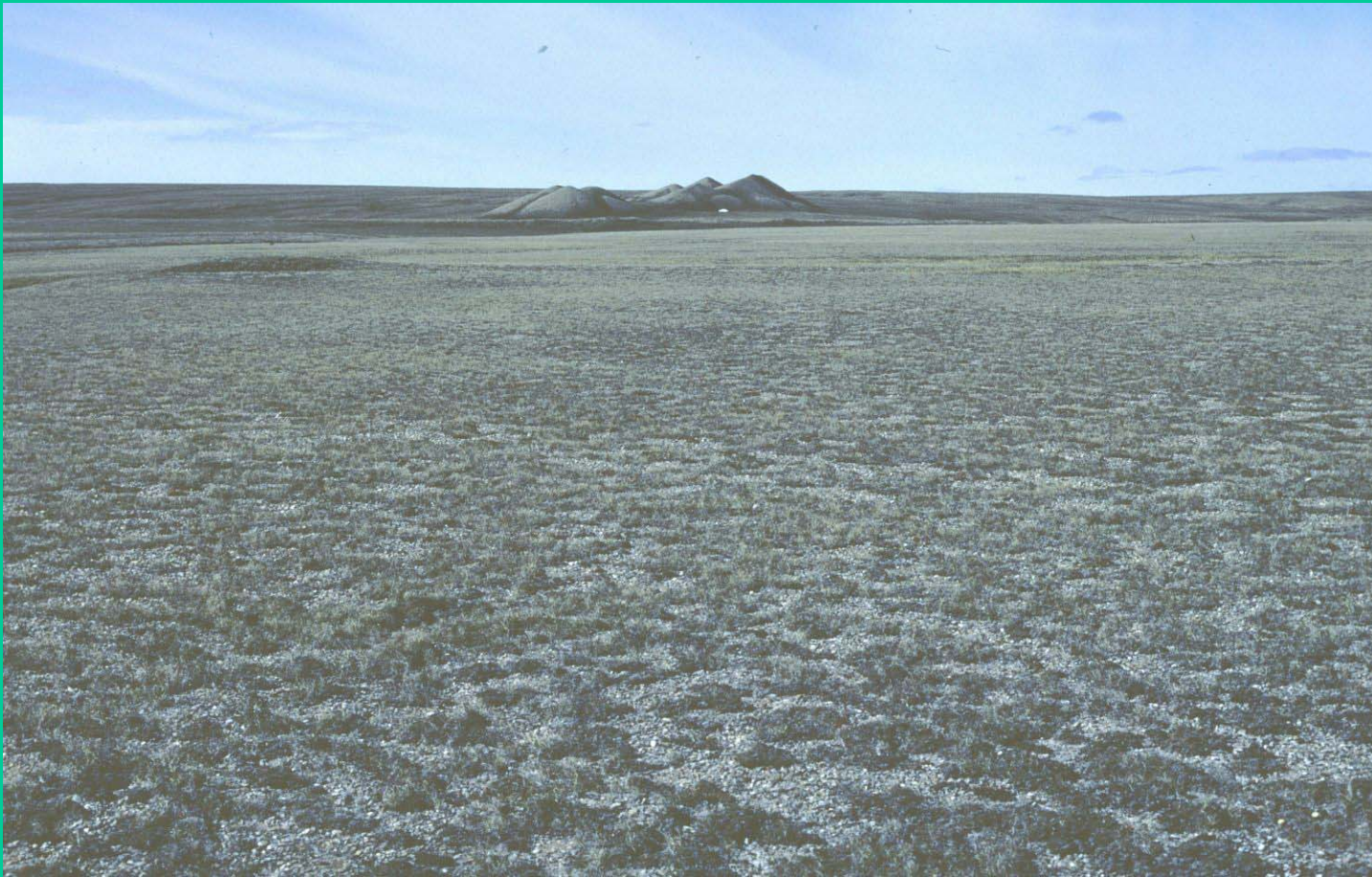
Landscape around $72^{\circ} 46' \text{ N}$ and $119^{\circ} 48' \text{ W}$.

259.81a



Landscape around $72^{\circ} 46' \text{ N}$ and $119^{\circ} 48' \text{ W}$. Stripes and circles located in the foreground and on the top of the hills; high-centered lowland polygons below the hills where the muskoxen are.

260.81a



Site 12-81-28, outwash sand and gravel deposits. No frost boils (nonsorted circles) associated with this material.

261.81a



Site 12-81-28, outwash sand and gravel deposits. Features in the background are probably kames.

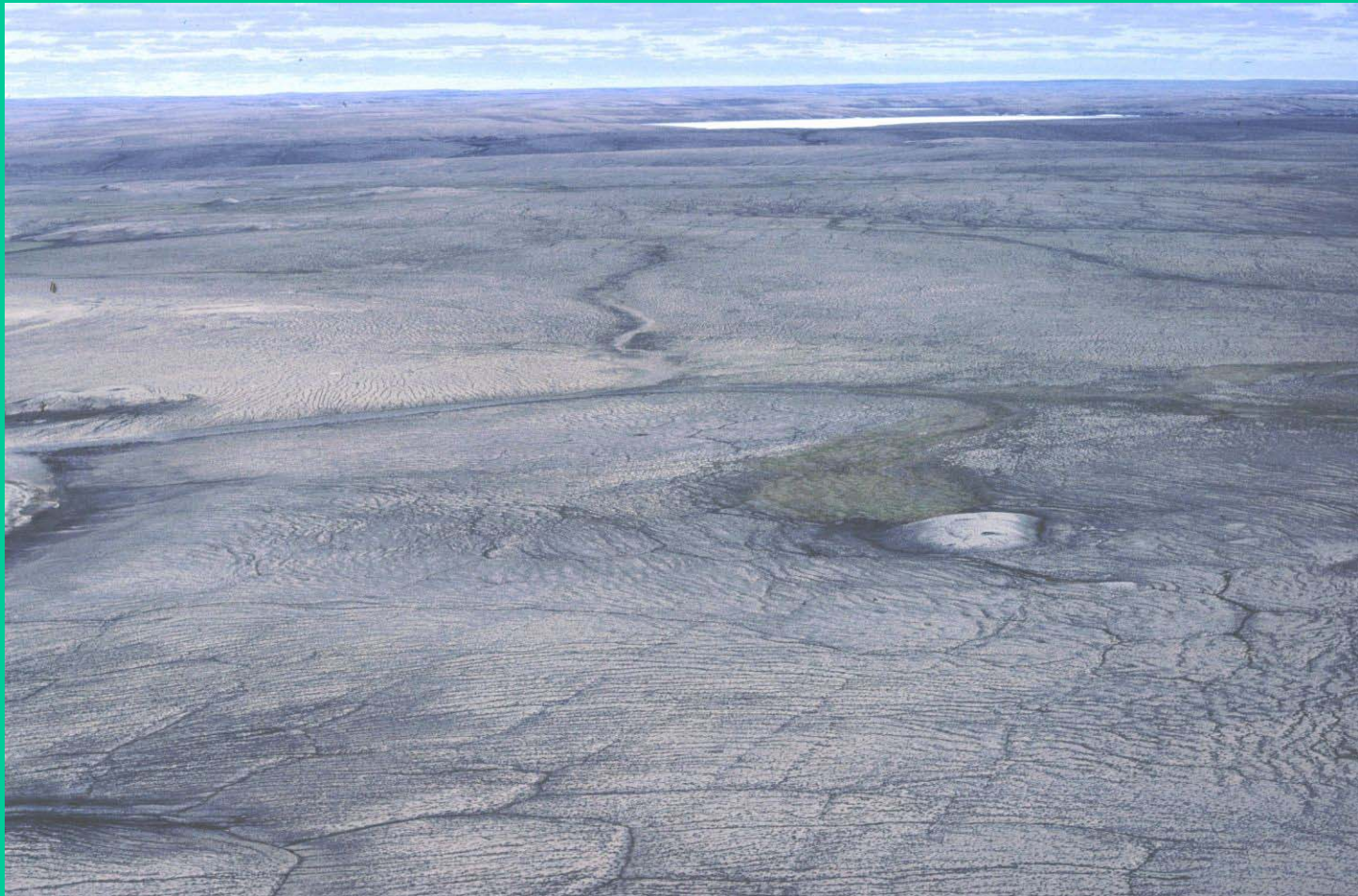
262.81a

Site Description:

Pedon no.: 12–81–28
Location: Lat. 72° 40' N, Long. 119° 39' W (Banks Island)
Elevation: 440 feet
Landform: outwash sand
Slope:
Drainage: well
Vegetation: tundra
Parent material: sand
Patterned ground: some ice-wedge polygons
Soil classification: Brunisolic Static Cryosol

Analytical data for pedon 12–81–28

Horizon	Depth (cm)	pH	C (%)	Sand (%)	Silt (%)	Clay (%)	Texture
Bm	0–40						LS
C	40–75	7.1	3.6	84.8	12.3	2.9	LS
Cz	75+						



Site 12–81–29, till deposits. Frost boils (nonsorted circles) and stripes are associated with this material.

264.81a



Site 12-81-29, till deposits with stripes in the foreground.

265.81a

Site Description:

Pedon no.: 12–81–29
Location: Lat. 72° 40' N Long., 119° 36' W (Banks Island)
Elevation: 510 feet
Landform: Morainal
Slope:
Drainage: well
Vegetation: Tundra
Parent material: till
Patterned ground: nonsorted circles
Soil classification: Orthic Eutric Turbic Cryosol

Analytical data for pedon 12–81–29

Horizon	Depth (cm)	pH	C (%)	Sand (%)	Silt (%)	Clay (%)	Texture
Bmy	0–13	7.3	4.3	49.6	31.3	19.2	SiL
Cy	13–50	7.5	3.8	84.8	46.6	34.0	SiL
Cz	50+						