

Natural Regions/Subregions
Draft 2004 - Version2

Boreal Forest Natural Region

- Central Mixedwood
- Dry Mixedwood
- Northern Mixedwood
- Sub-Arctic
- Peace-Athabasca Delta
- Lower Boreal Highlands
- Upper Boreal Highlands
- Athabasca Plain

Rocky Mountain Natural Region

- Alpine
- Sub-Alpine
- Montane

Foothills Natural Region

- Upper Foothills
- Lower Foothills

Canadian Shield Natural Region

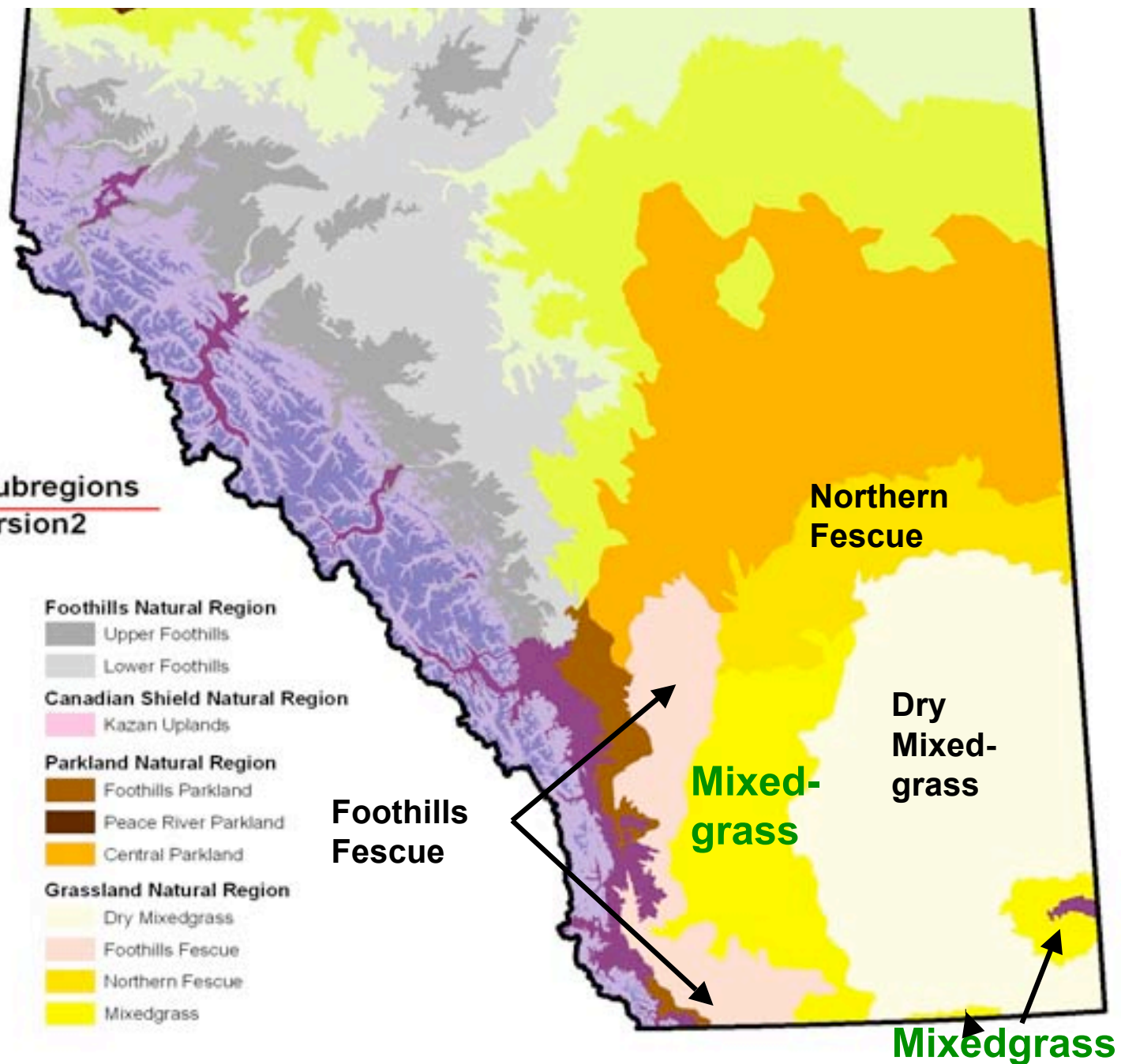
- Kazan Uplands

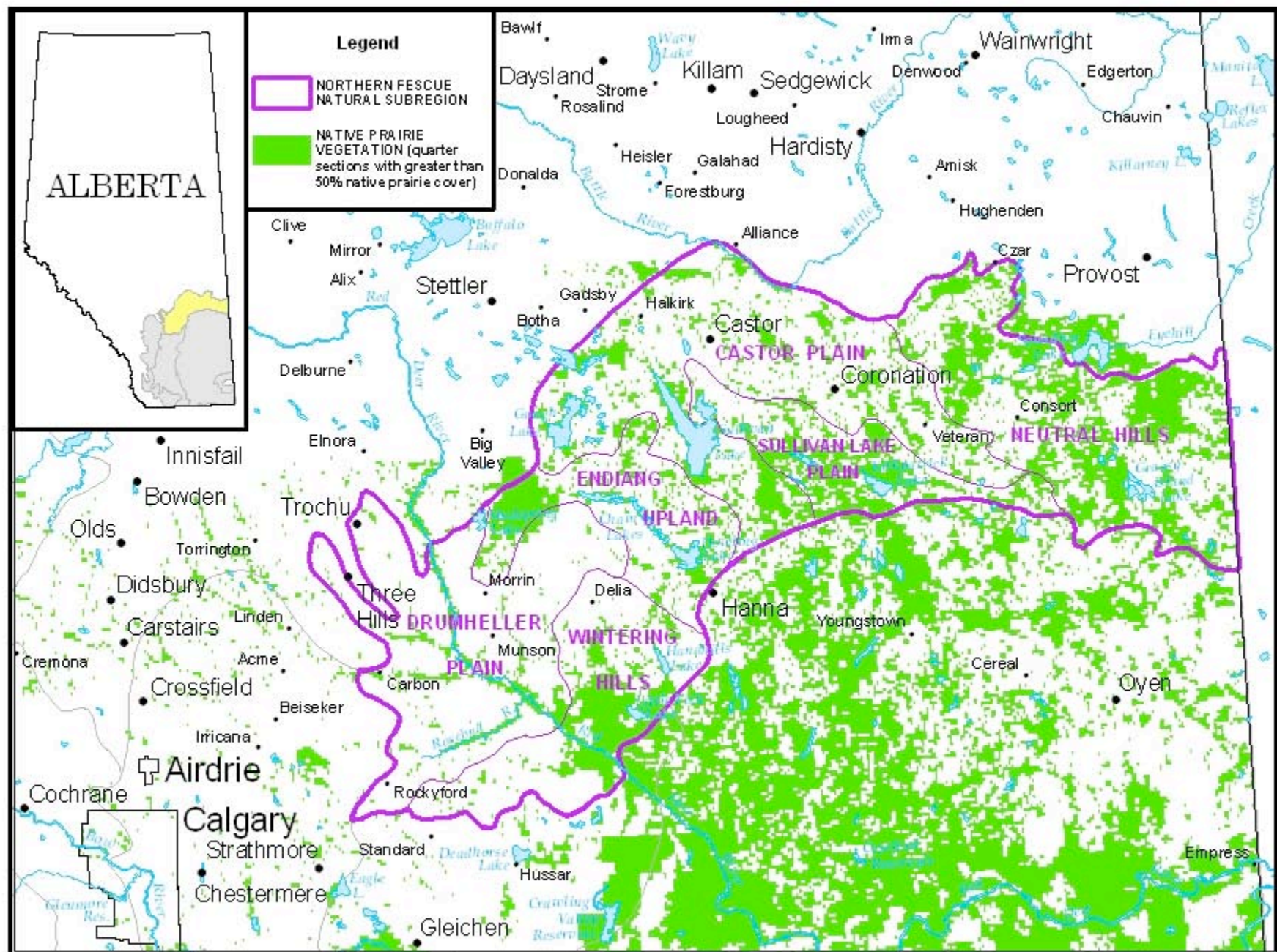
Parkland Natural Region

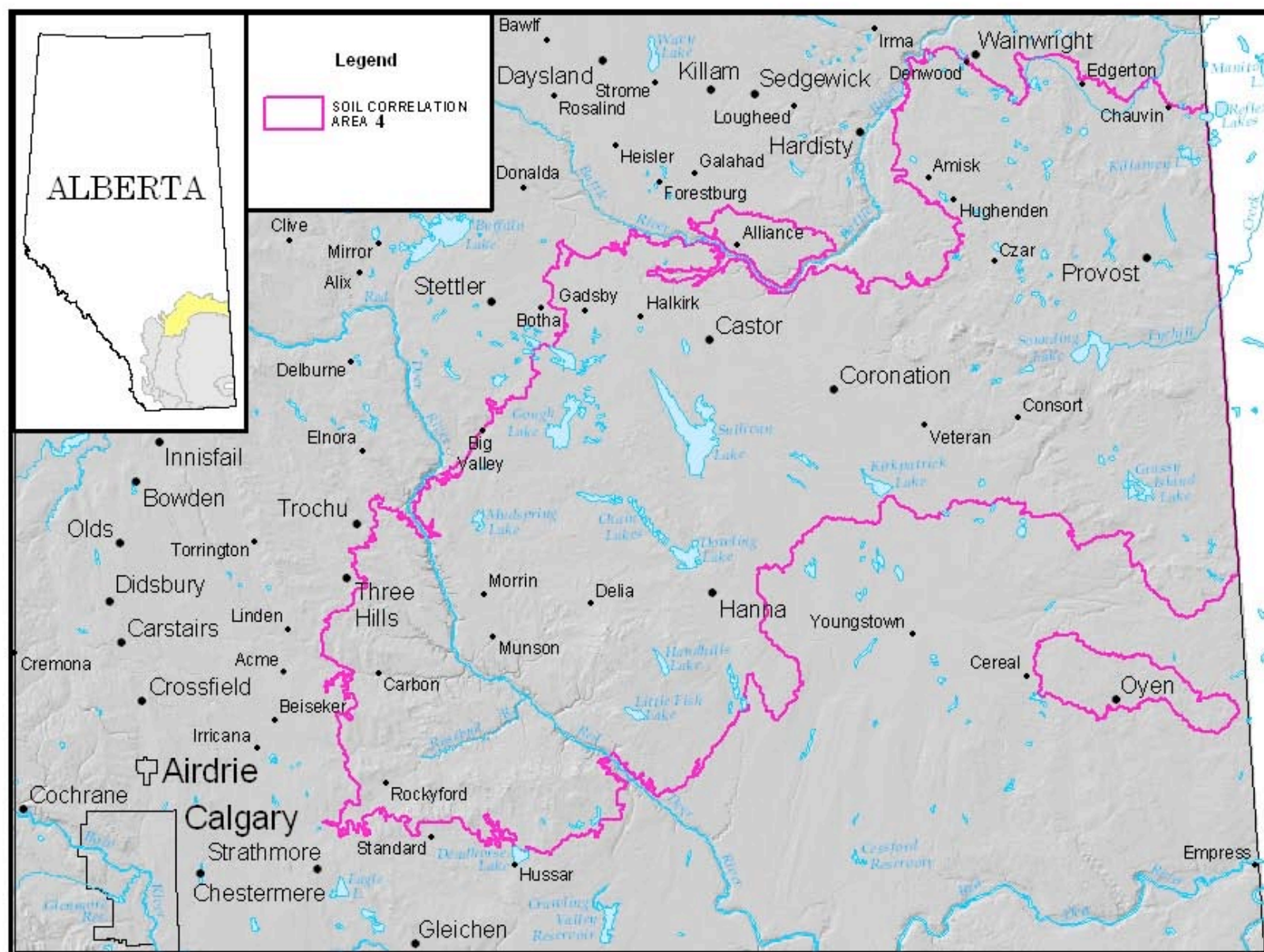
- Foothills Parkland
- Peace River Parkland
- Central Parkland

Grassland Natural Region

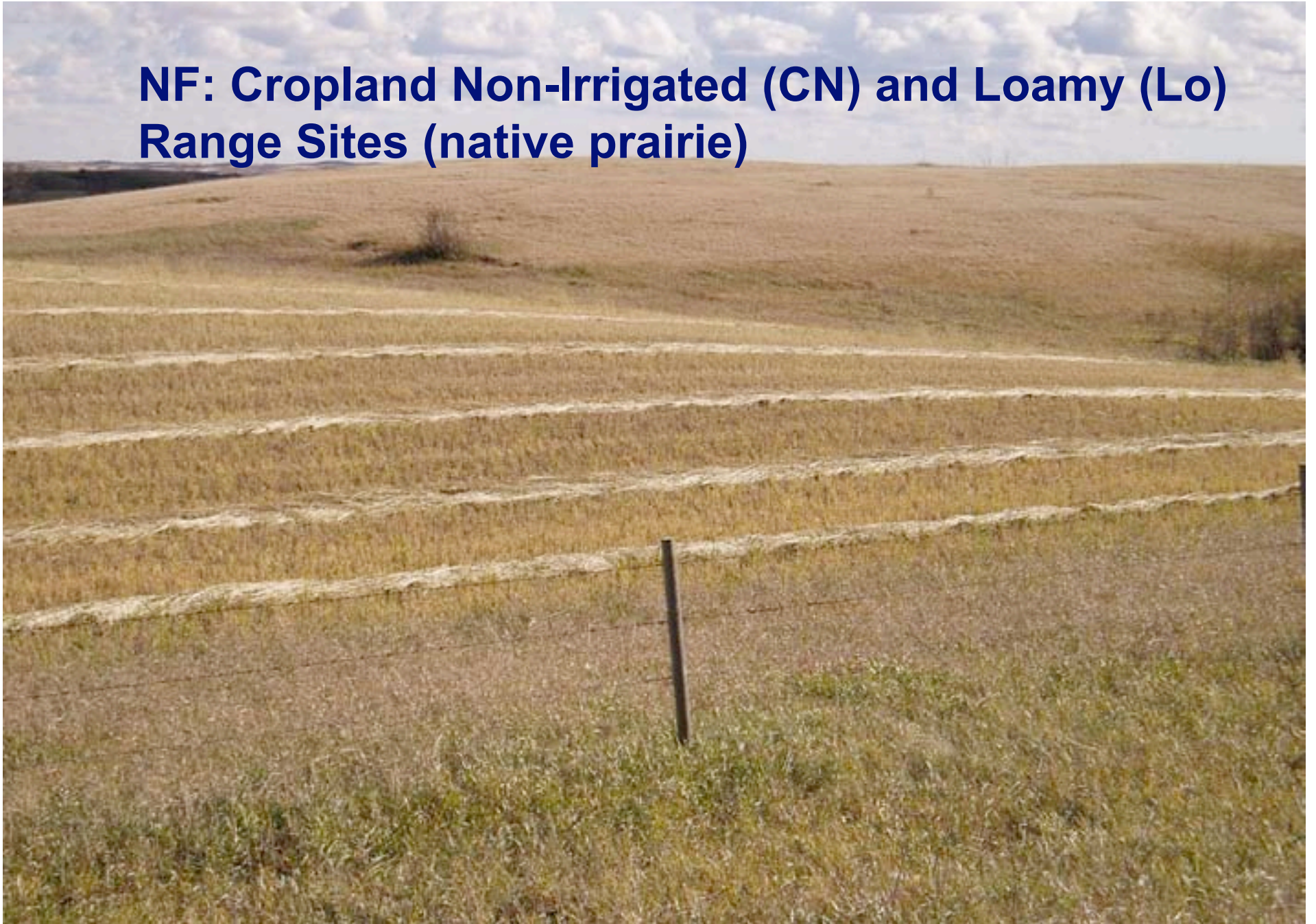
- Dry Mixedgrass
- Foothills Fescue
- Northern Fescue
- Mixedgrass







**NF: Cropland Non-Irrigated (CN) and Loamy (Lo)
Range Sites (native prairie)**



Hayland Non-Irrigated (PN)



NF: Loamy (Lo) Hummocky Till E of Little Fish Lake



NF: Little Fish Lake, West Side. Loamy and Lentics



NF: Hand Hills, Orthic Dark Brown Loamy till (Lo)




NF, Hand Hills, Orthic Dark Brown Loamy Till (Lo)





**Northern Fescue and Central Parkland transition
with Orthic Black to Dark Brown Loamy (Lo) soil**

Soil Survey of the County Paintearth, 1:50,000, in the Coronation Area. From Wells and Nikofooruk (1988).

A wide-angle photograph of a grassy upland landscape. The foreground is filled with dense, green and brown grass. In the middle ground, there are rolling hills and valleys covered in similar vegetation. The background shows a flat horizon under a bright, overcast sky. The text is overlaid on the middle ground.

**NF at Ribstone Ck. near Coronation; Uplands of Lo and
BIO, Li and TB valley sides, bottom of Ov, LtcH and LtcS.**

NF: Blowouts and Loamy Complex





**NF: Thin
Breaks (TB)**

**Solonchic
Dark Brown
Chernozem
over
oxidized
shale
bedrock
(brownish
red and
blocky
material).**

NF near Coronation: Wheatgrass in foreground on Solonetz (BlO) and Rough Fescue on Chernozem (Lo) in background



NF: Buckbrush, Aspen, Willow, Wolfwillow and Rose in a Loamy (Lo) dominated area north of Monitor.



**NF: Buckbrush and wolfwillow patches in Sandy (Sy)
plain near Sheerness**



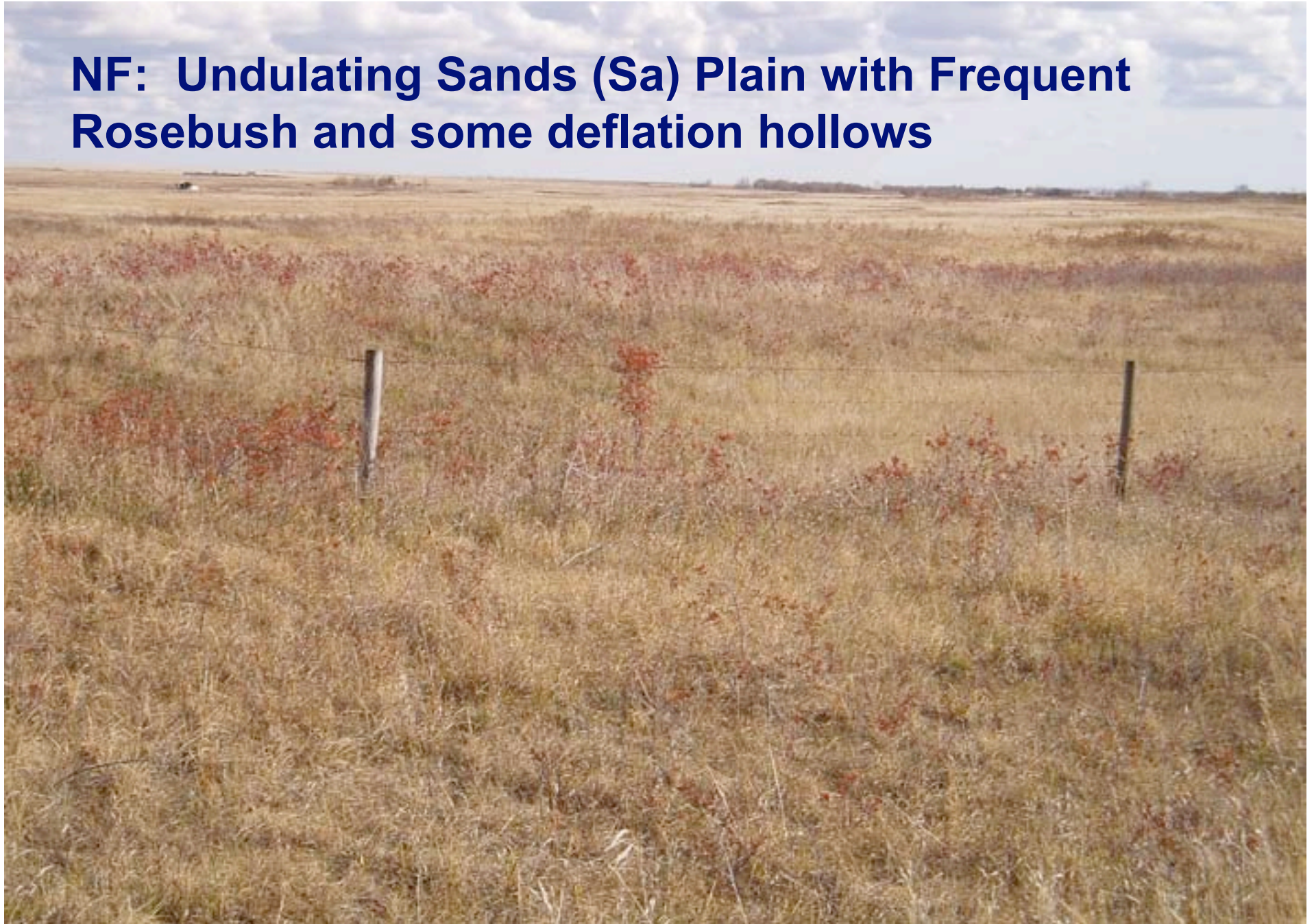
**NF: Sands (Sa) plain with Rosebush and Aspen
South of Veteran**



NF: Sands plain (Sa) South of Capt. Eyre Lake



**NF: Undulating Sands (Sa) Plain with Frequent
Rosebush and some deflation hollows**





**NF: Rego
Dark
Brown
Chernozem
soil in
Sands (Sa)
south of
Czar**



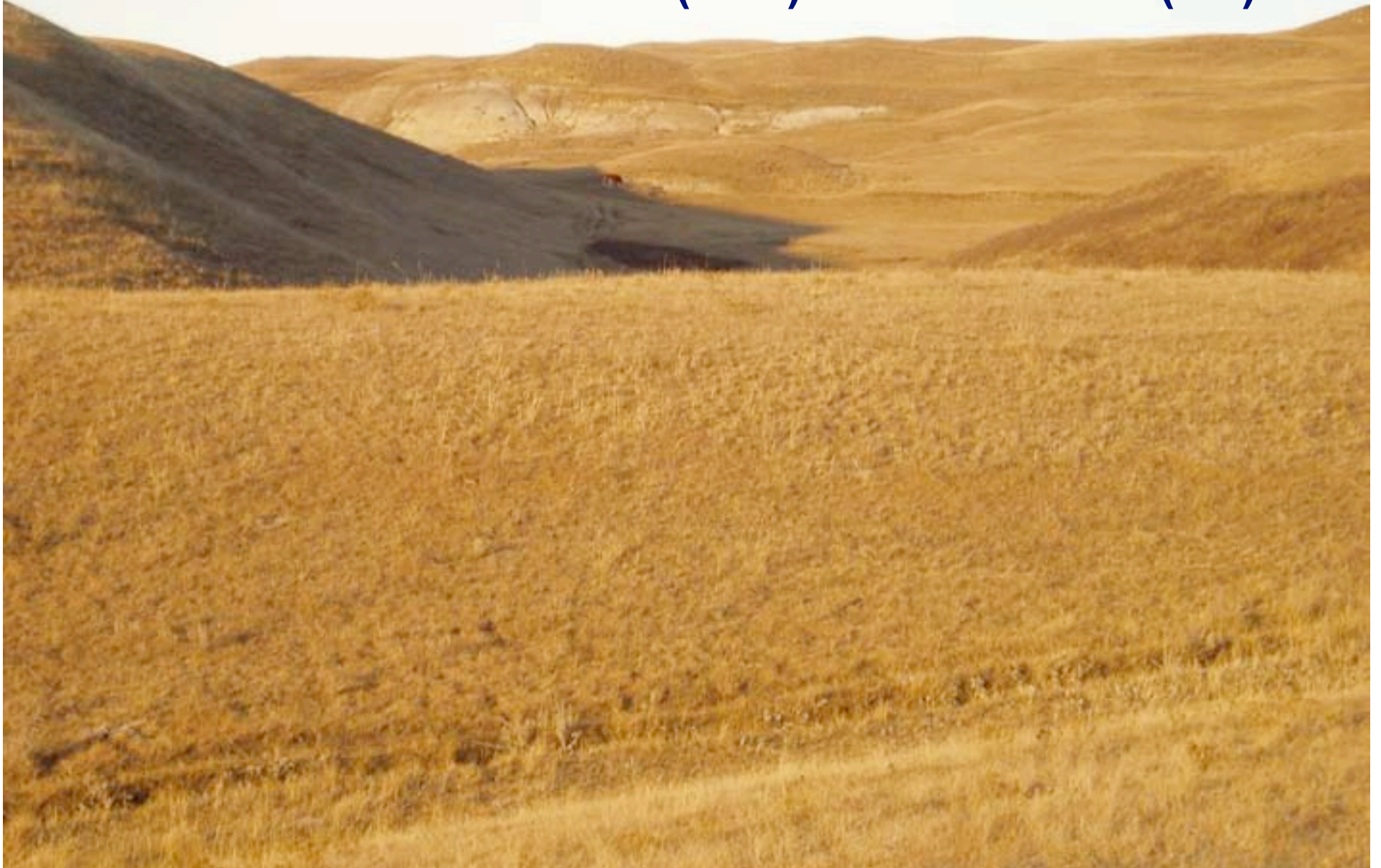
**Northern
Fescue to
Central
Parkland
transition in
Choppy
Sandhills
(CS) with
Reindeer
Lichen
groundcover
near Capt.
Eyre Lake**



**NF:
Sandy (Sy)
glaciofluvial
over a gravelly
outwash
material.**

**GVI
description
could be
Shallow to
Gravel (SwG),
Sy or both in a
complex.**

NF: Hand Hills Badlands (BdL) + Thin Breaks (TB)



**NF at Battle River, Burma Park; Belly River
Formation, Badlands (BdL) Site Type**



NF: Ov and BdL at Burma Park



NF: Mud Butte Badlands (BdL)

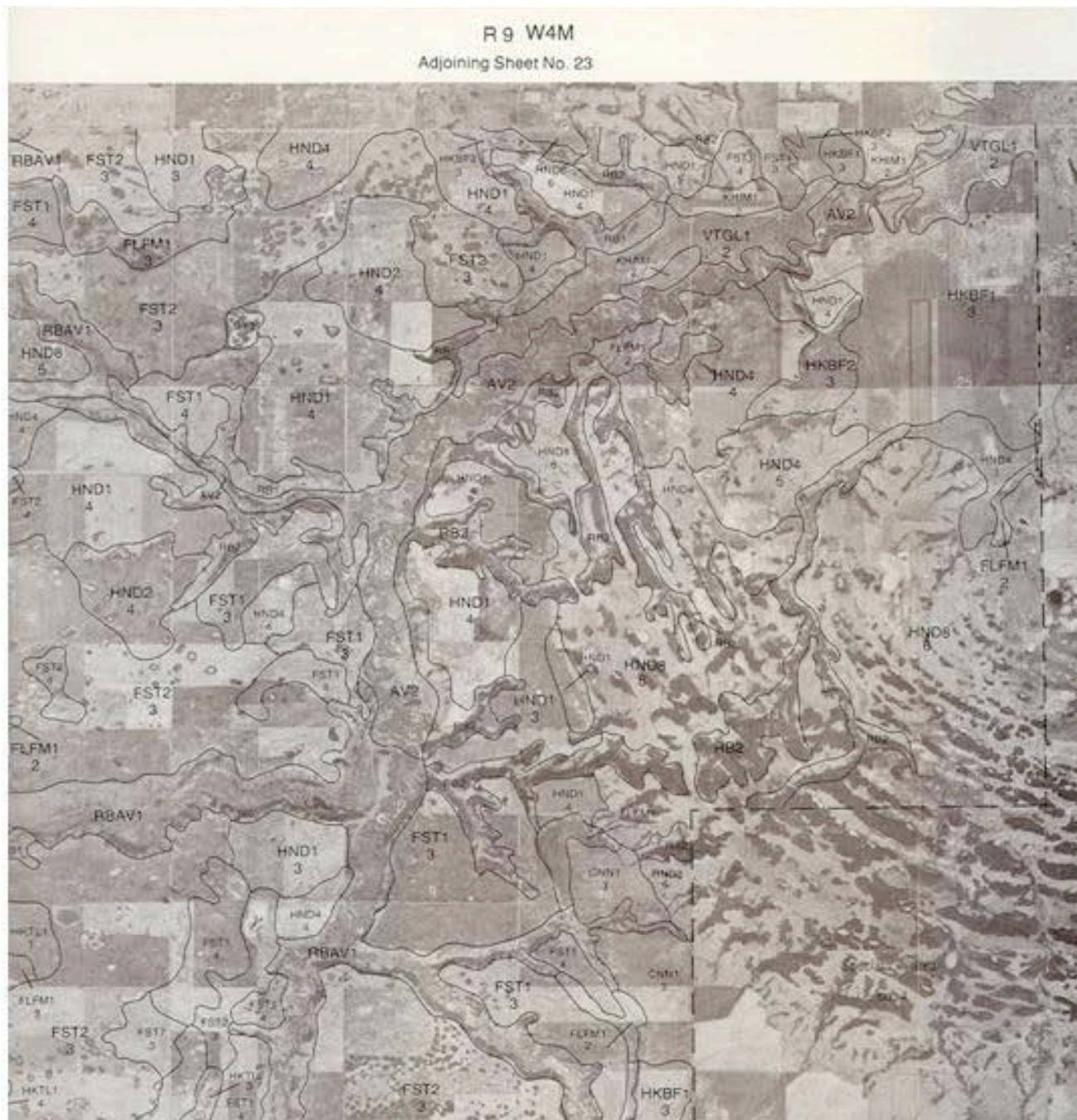


NF: Mud Buttes, Contorted Softrock Badlands (BdL)



**NF: Mud Butte Hills; TB, Li, and Lotics with PN
and LenS in foreground**





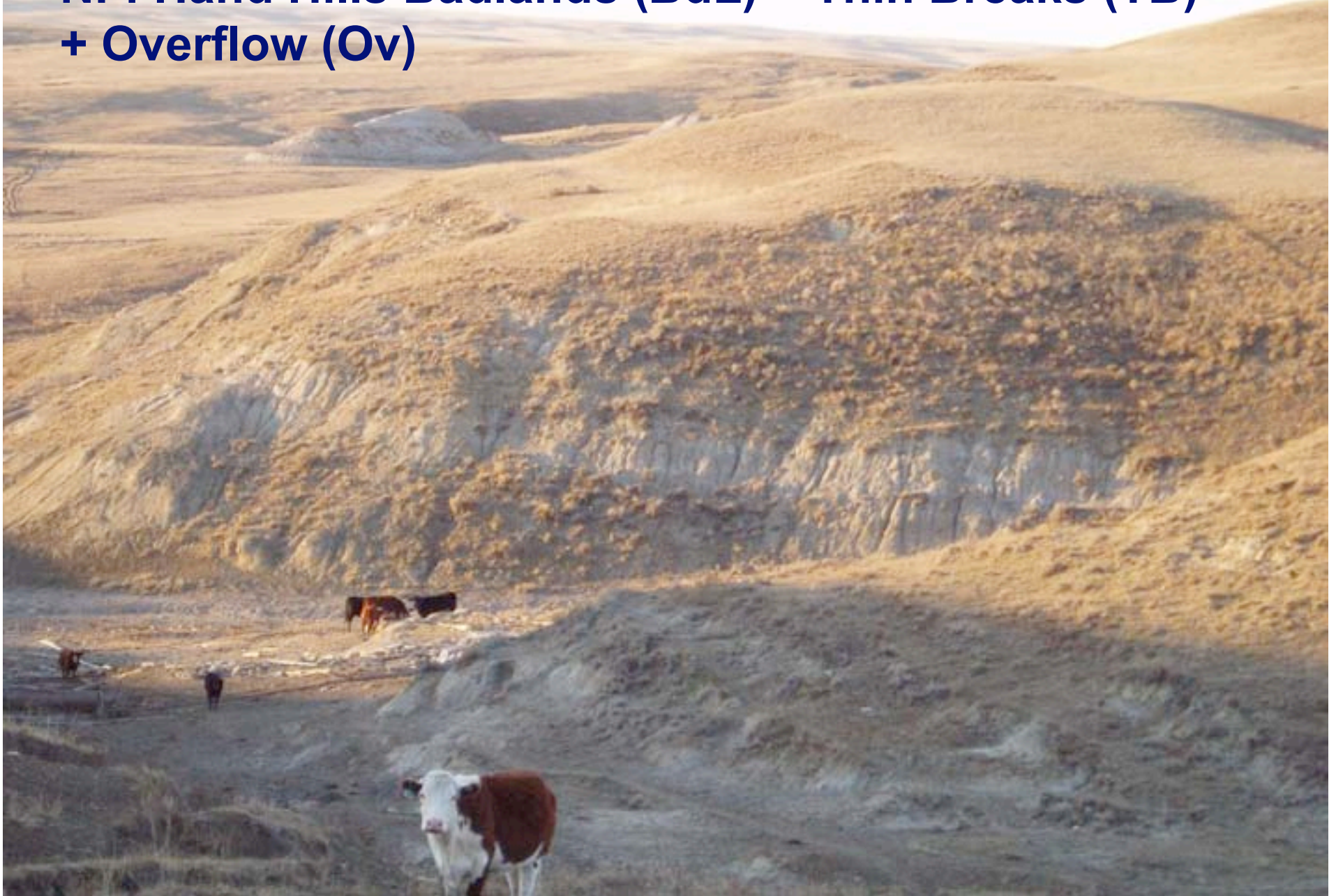
**Aerial
photograph of
Nose Hill.
From County
of Paintearth
Soil Survey,
Wells and
Nikiforuk
(1988).**

Tp 37



**NF:
Glacially
contorted
Mud Butte
Badlands
(BdL)
looking
Northeast**

**NF: Hand Hills Badlands (BdL) + Thin Breaks (TB)
+ Overflow (Ov)**



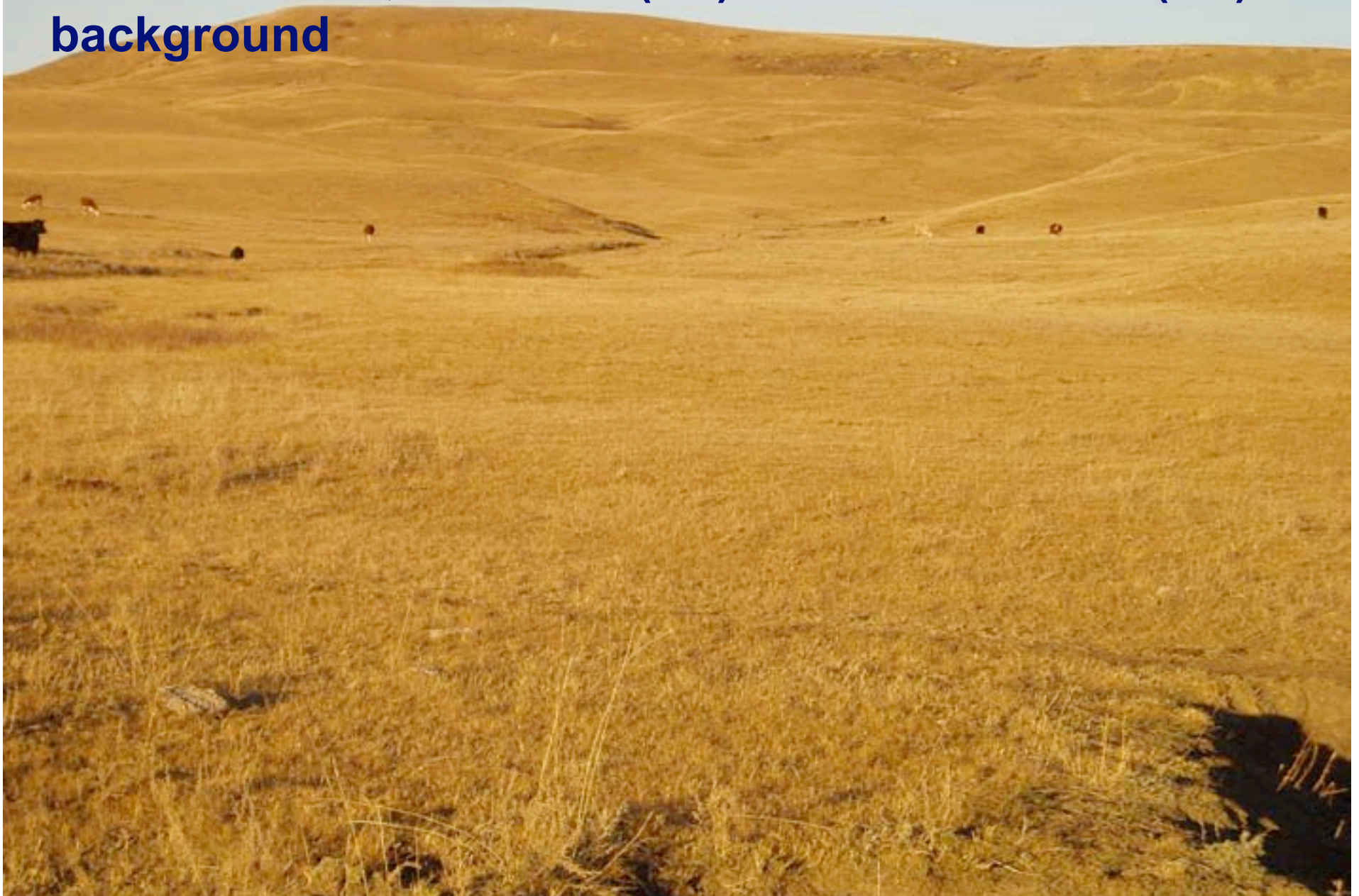
**NF: Overflow (Ov) with Orthic Regosol and
Rego Chernozem developed on slopewash**



NF: Red Deer R. Badlands (BdL), Lotic River, Lotic Shrub at willows and Overflow at Silver Sagebrush



NF: Hand Hills, Overflow (Ov) with Thin Breaks (TB) in background





**NF: Little
Fish Valley
Overflow
(Ov) fans
and Loamy
(Lo) upland
in
Background**



NF: Hand Hills west landscape overview of Overflow (Ov) and Blowouts (BlO) trapped by hummocky moraine.

NF: Hand Hills west; Overflow (Ov) at centre, Thin Breaks (TB) in background and Loamy (Lo) in foreground.



**NF: Sheerness Flats: Saline Lowland (SL) Overflow
(Ov) + Blowouts (BIO)**

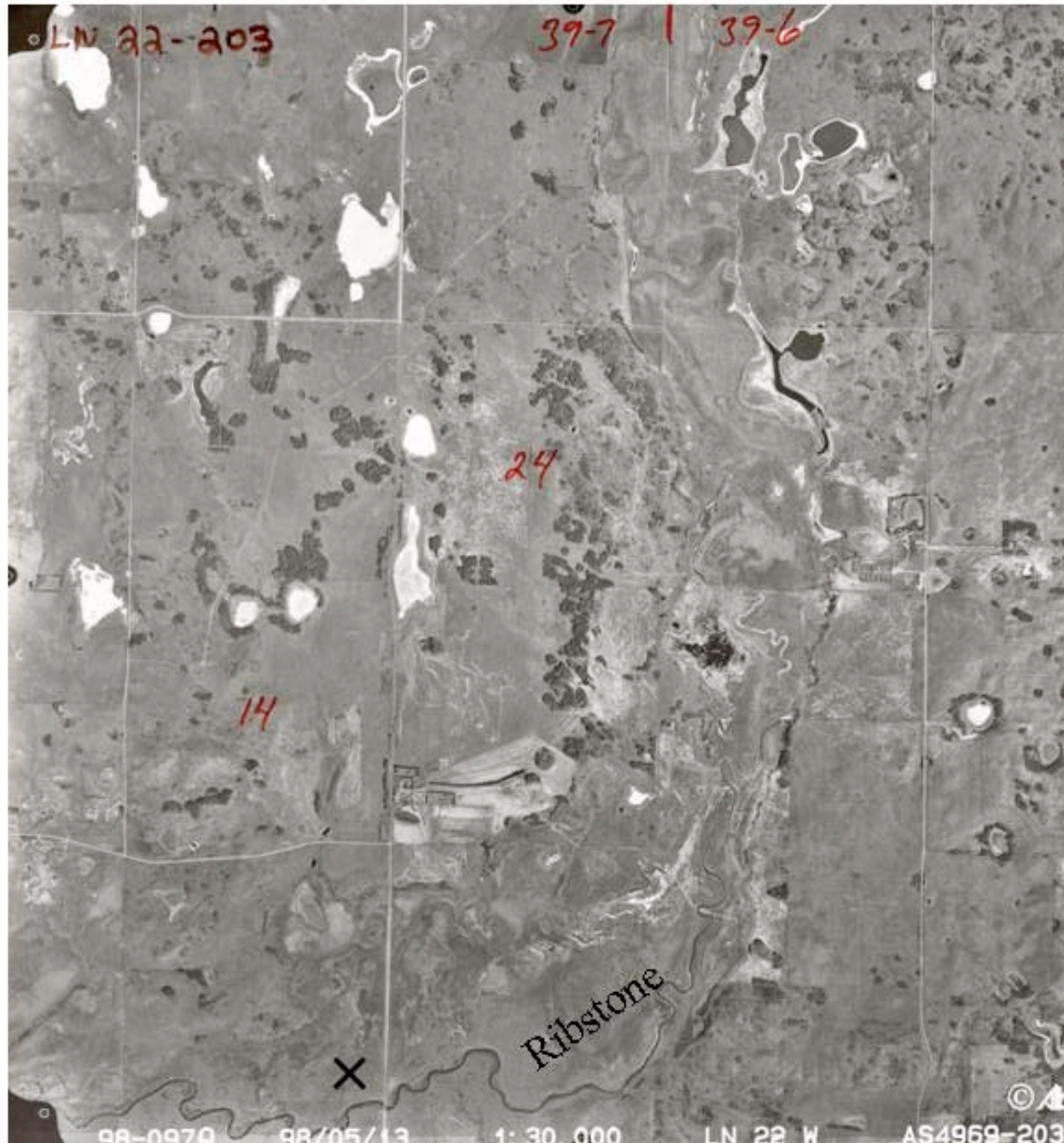




**NF: Overflow (Ov), Blowouts (BIO) and Clayey (Cy)
with Silver Sagebrush in the Ribstone valley S of Czar**

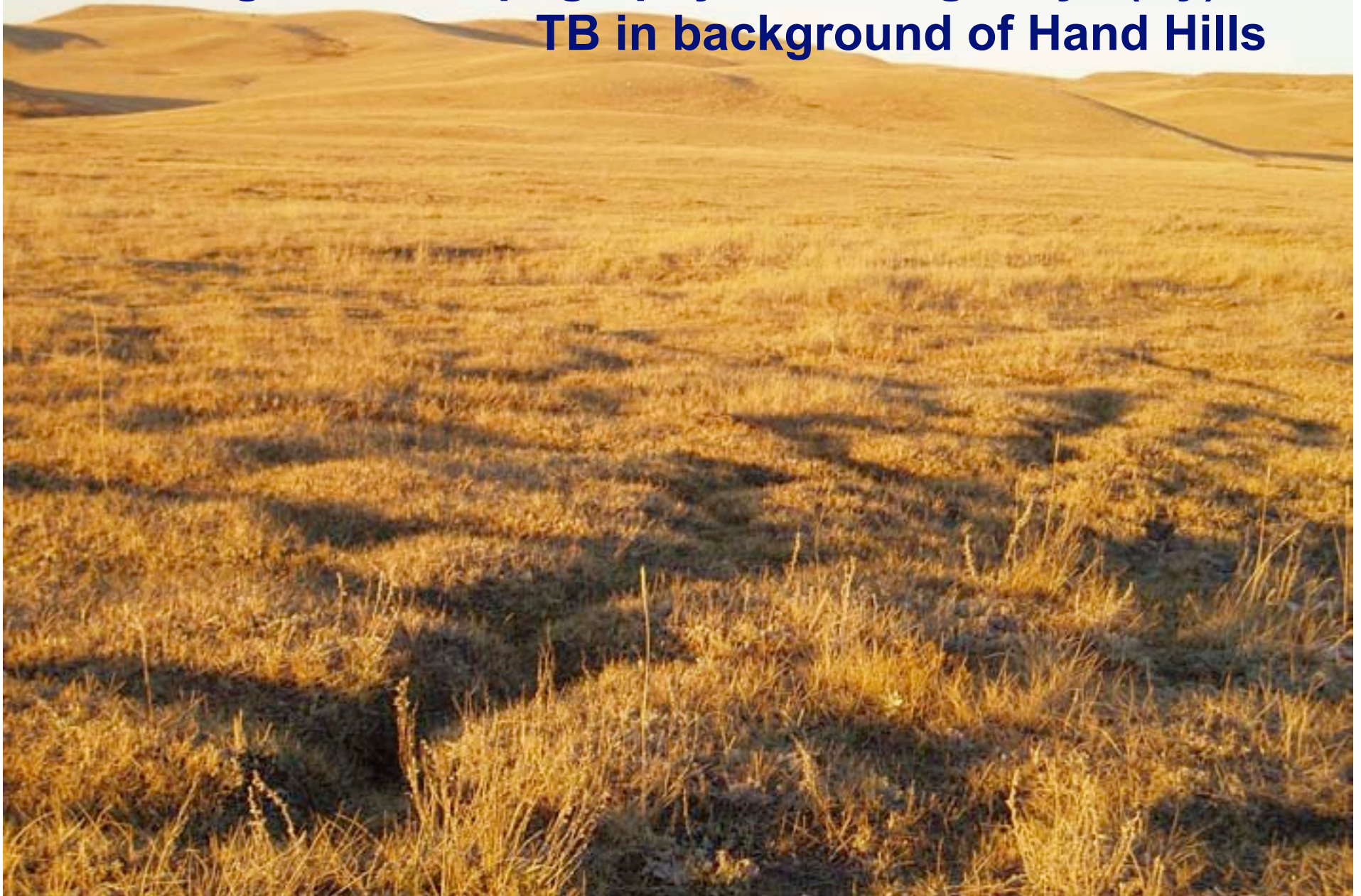


**Overflow (Ov), Blowouts (BlO) and Clayey (Cy) with
Onuntia fragilis in Ribstone Valley at Horsehaven S of Czar**



**NF:
Ribstone
Valley Near
Horsehaven;
X on aerial
photograph
marks
location of
previous two
slides.**

**NF: Gilgai microtopography indicating Clays (Cy);
TB in background of Hand Hills**



NF: Clay (Cy) Gilgai surface due to shrink (dry) and swell (wet) cycles



NF, Hand Hills West, Clayey (Cy) Gilgai in Polygonal Patterns



**NF: Hand Hills West, Overflow (Ov) + Blowouts (BIO)
and TB in background**



NF: Hand Hills west, Blowouts (BIO) + Overflow (Ov)



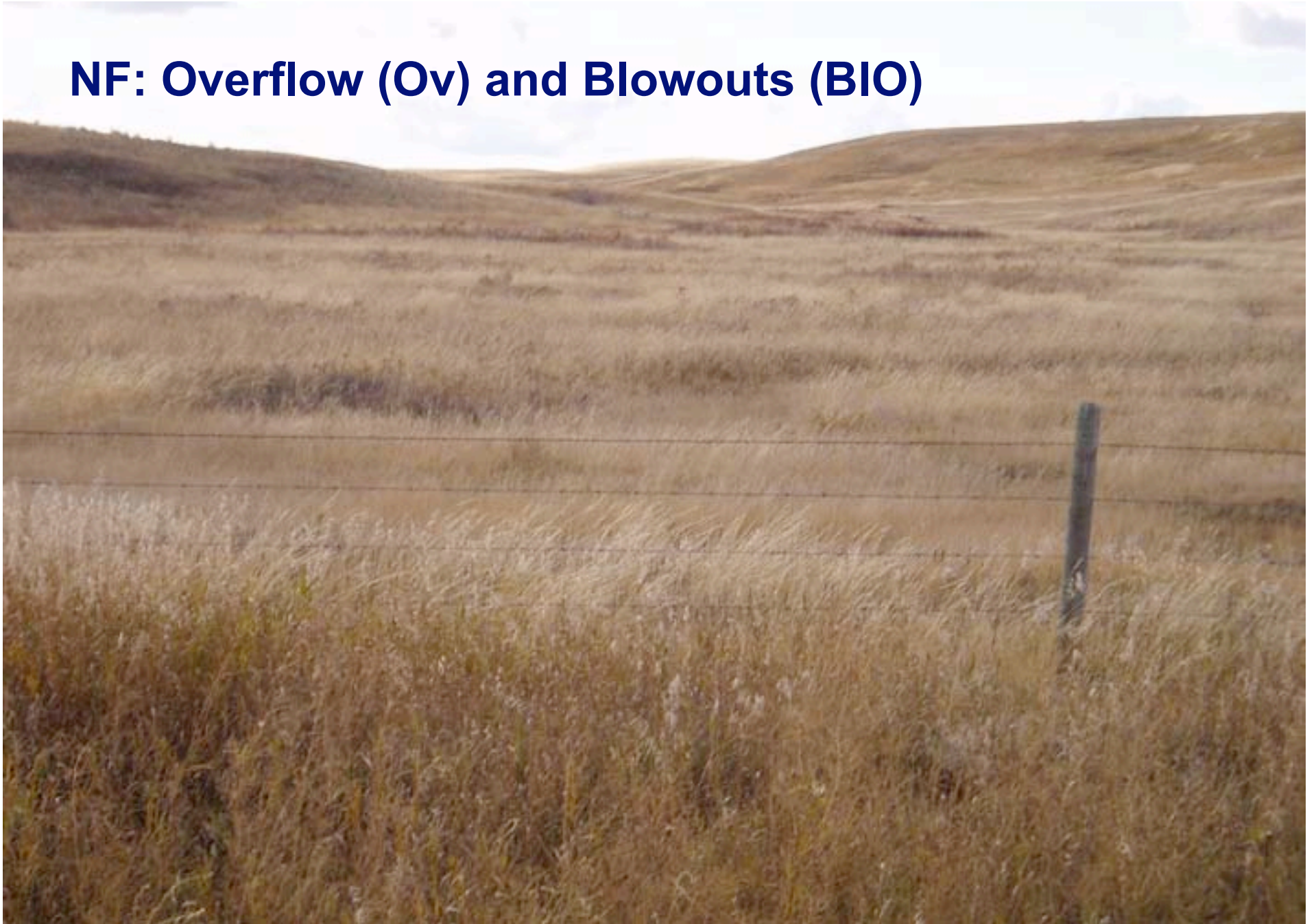
NF: Hand Hills west, Blowouts (BIO) with minor shrub





**NF: McConnell Ck.
area east of
Drumheller with
bare soil and
Blowouts (BIO)
characterized by
*Opuntia fragilis***

NF: Overflow (Ov) and Blowouts (BIO)



NF: Little Fish Lake Rural (Ru) Cottage Development



**NF: Little Fish Lake
Rural (R) cabins**



NF: Developed Mining Facilities at Sheerness (Dev-MI)



NF: Sheerness Mine Overburden Piles; Pit- C



NF: Only map oil and gas sites > 5 ha; Sheerness plant in background is Dev- MI



**NF: Hand Hills Pit-Gravels; from Tertiary Gravels (Gr),
Shallow to Gravel (SwG), and Anthropogenic site types.**





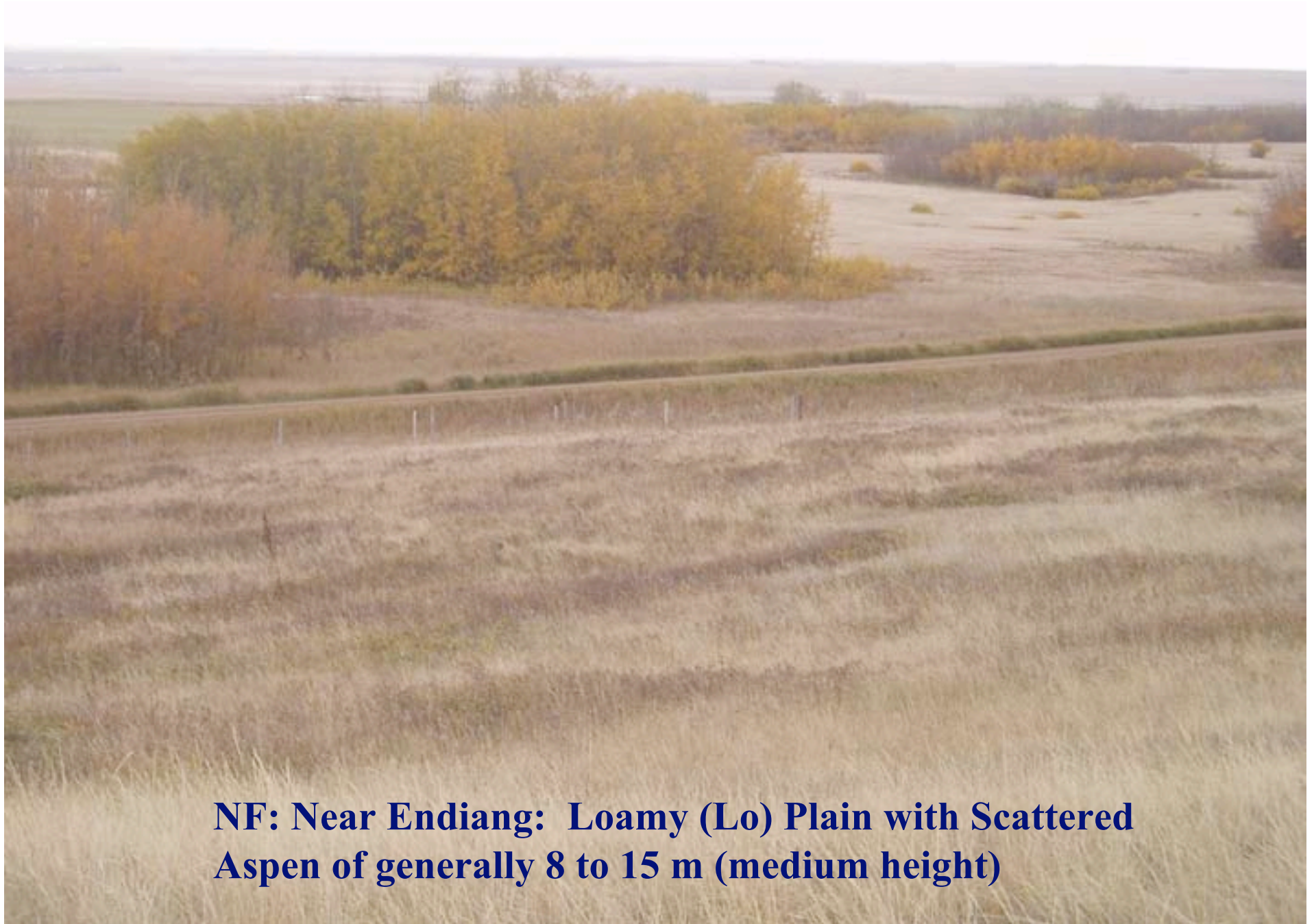
NF: Shallow to Gravels (SwG) in Hand Hills; note ice wedge pattern at carbonate bulge in upper centre.

NF: Buckbrush patches near Sheerness



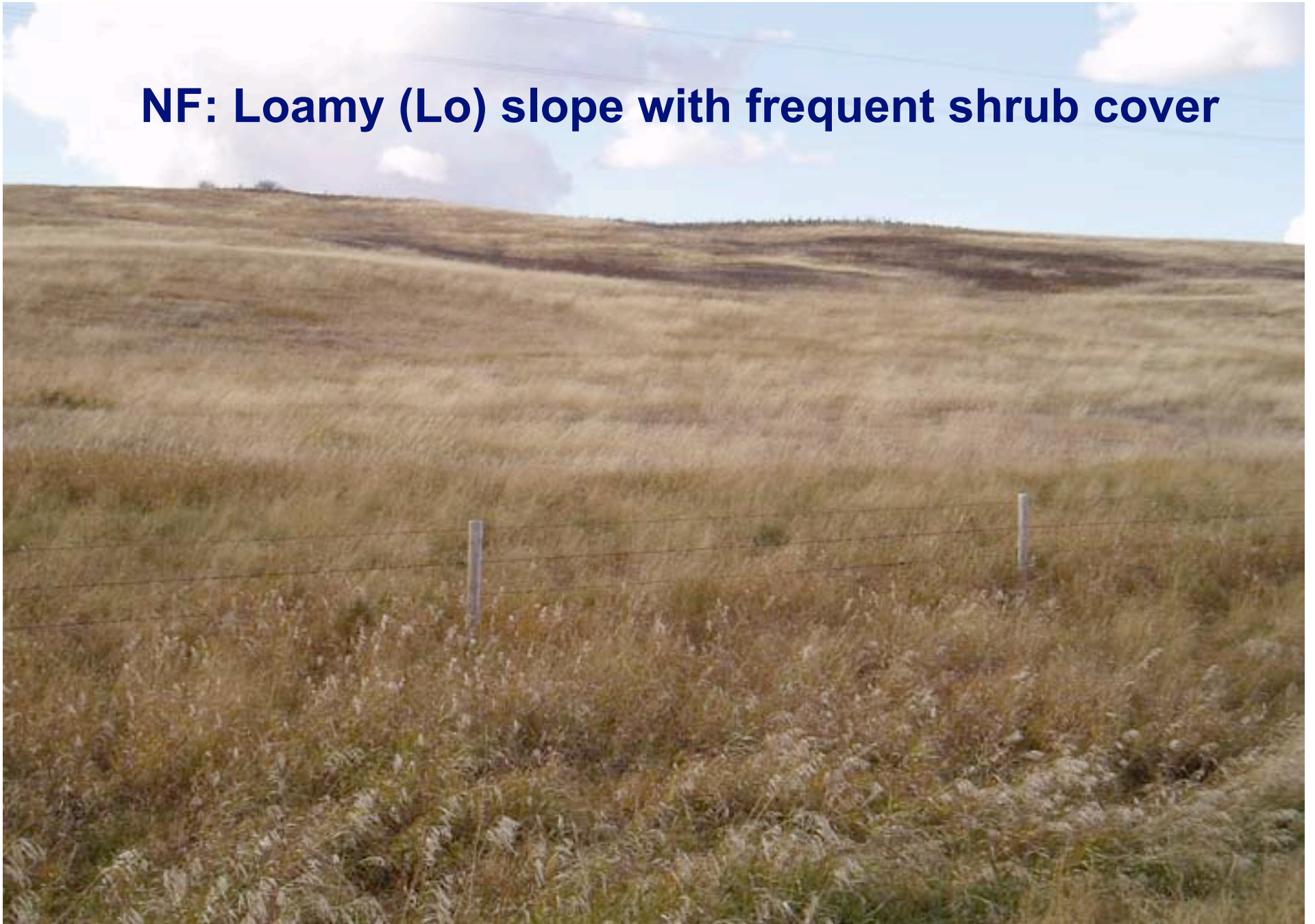
NF: Buckbrush in Frequent Circular Patches






NF: Near Endiang: Loamy (Lo) Plain with Scattered Aspen of generally 8 to 15 m (medium height)

NF: Loamy (Lo) slope with frequent shrub cover



NF: Pasture Non-Irrigated (PN) – foreground; Thin Breaks (TB) & Blowouts (BIO) in shaded background



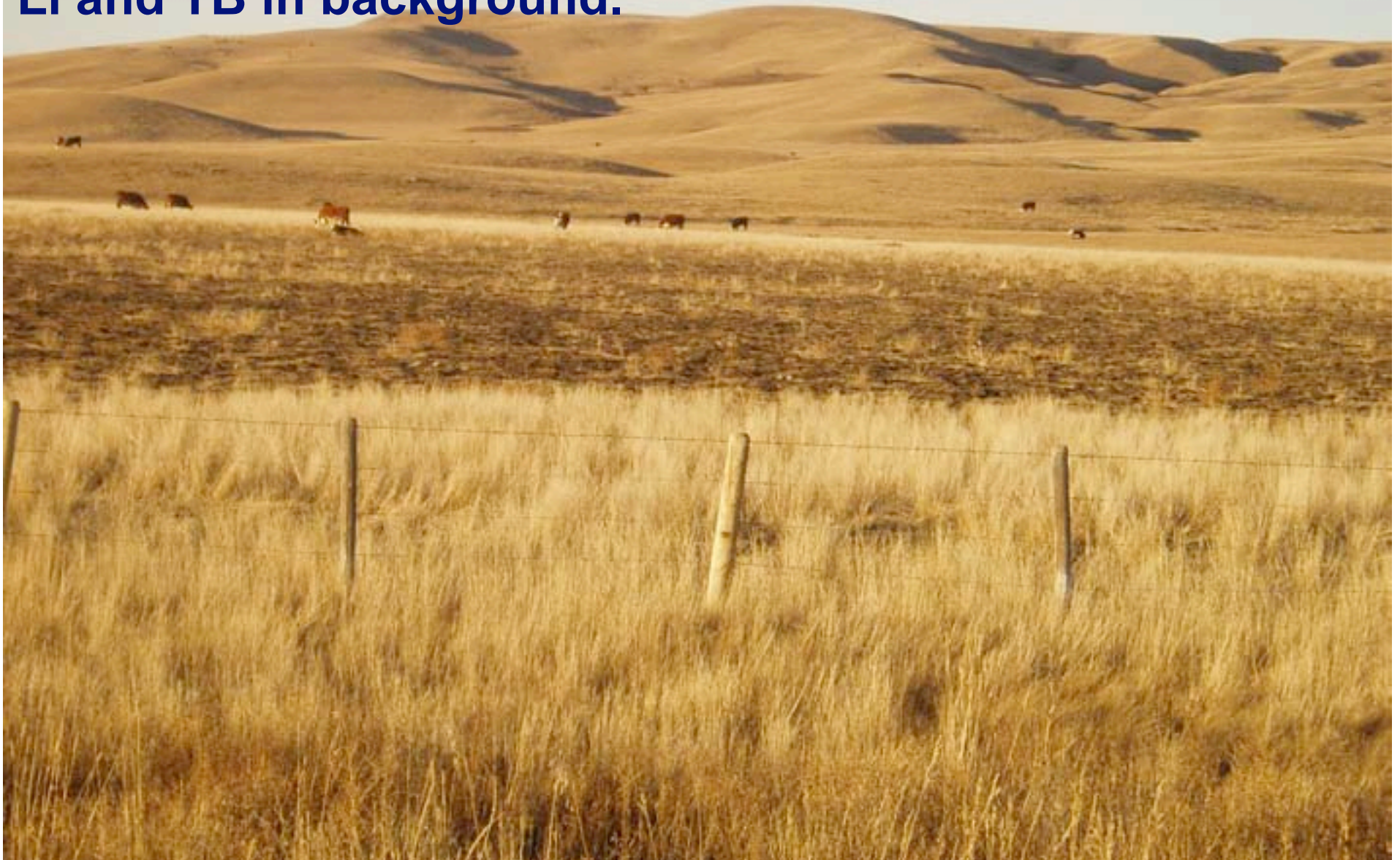


NF at Little Gem: Pasture Non-Irrigated (PN) with unbroken “islands” of shrub and low aspen on Loamy or Blowouts site types based on Oyen Soil Survey

NF: Lentic Temporary (LenT)



NF: Hand Hills west; Lentic Temporary (LenT) with Lo, Li and TB in background.



NF: Loamy (Lo) dominated hummocky moraine with Lentics



**NF: East of Little Fish Lake; Lentic Seasonal (LenS) in
Loamy (Lo) dominated hummocky till**



NF: East of Little Fish Lake, Lentic Seasonal (LenS)



NF: Loamy (Lo) Circus Plain with Lentic Seasonal (LenS)



NF: Circus Plain dominated by Loamy (Lo) north of Dorothy with Lentic Seasonal (LenS) depressions.



NF: Lentic Temporary (LenT) to Lentic Alkali (LenA)



NF: Lentic Seasonal (LenS) or Lentic Alkali (LenA)



NF: Lentic Semi to Permanent and Lentic Alkali (LenA)



NF: Lentic Semi to permanent (LenSP)



NF: Lentic Semi to Permanent (LenSP)



**NF: Lentic Semi to Permanent (LenSP) and
Cropland Non-Irrigated (CN)**



NF Near Veteran: Loamy (Lo) with Lentic Semi to Permanent (LenSP), dominated by willows of 1 to 3 m (moderate to high)



NF: Lentic Semi to Permanent (LenSP) Near Endiang



NF: SW aspect of Hand Hills with an artificial Lentic Open Water (LenW); note dam at right centre.





**NF at Hand Hills Lake: Lentic
Alkali (LenA) with *Salicornia europa*.**

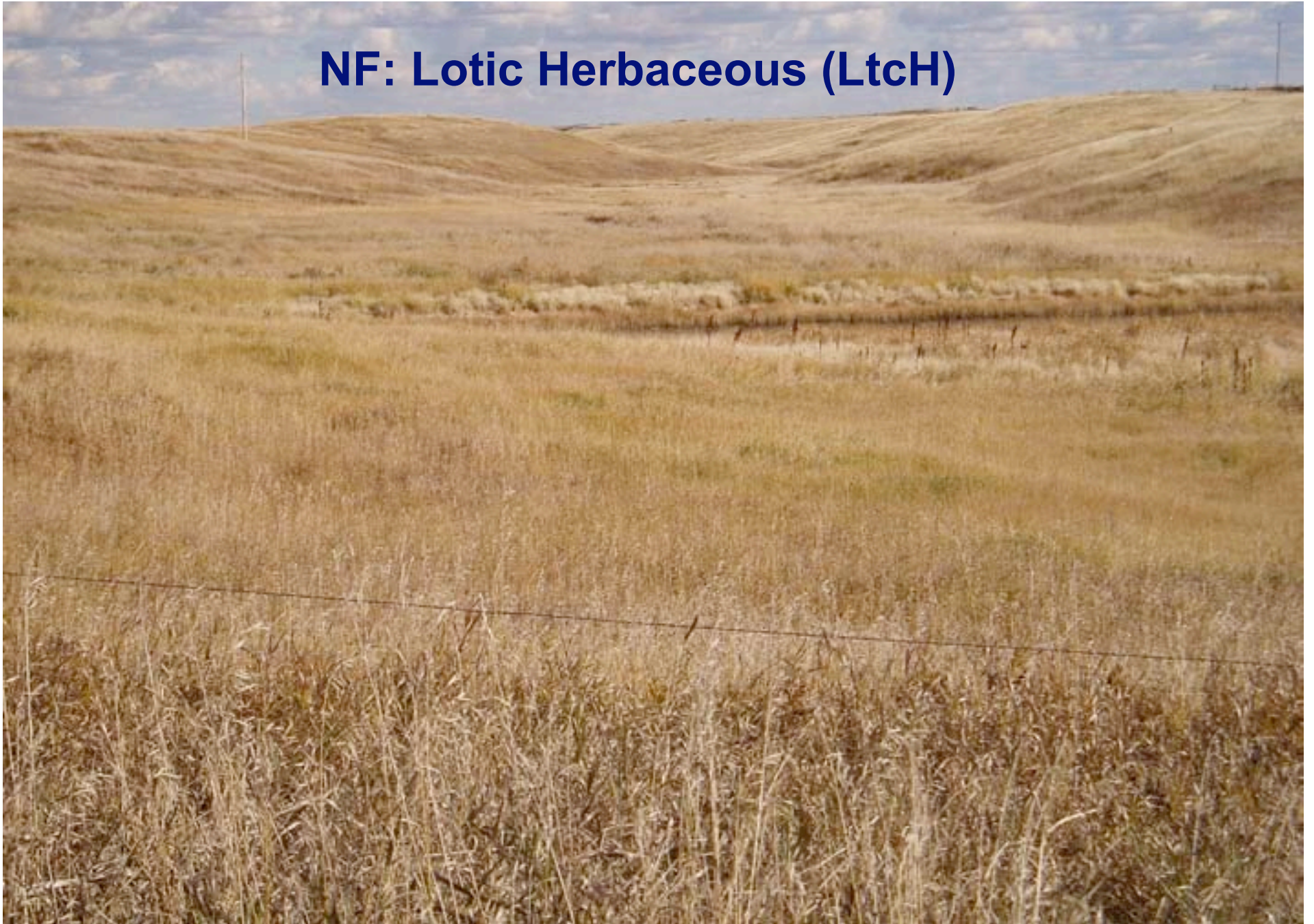
**NF: Gooseberry Lake North Shore with Alkaline fen habitat;
Lentic Open Water (LenW) encircled by Lentic Alkali (LenA)**



NF Near Sedalia: Sounding Creek Lotic Shrub on low terrace, dominated by Rose (0.25 to 0.75 m, Low)



NF: Lotic Herbaceous (LtchH)



**NF: Little Fish Valley Lotic Herbaceous (LtchH) and
Lotic Shrub (LtcS)**



NF: Little Fish Creek NE of Little Fish Lake; Lotic Shrub (LtcS) and Lotic Herbaceous (LtchH)



NF: Dugout, Little Fish Creek; Mix of Lotic Shrub (LtcS) and Lotic Herbaceous (LtchH) beyond dugout



NF: *Carex aquatilis* adjacent to Little Fish Creek

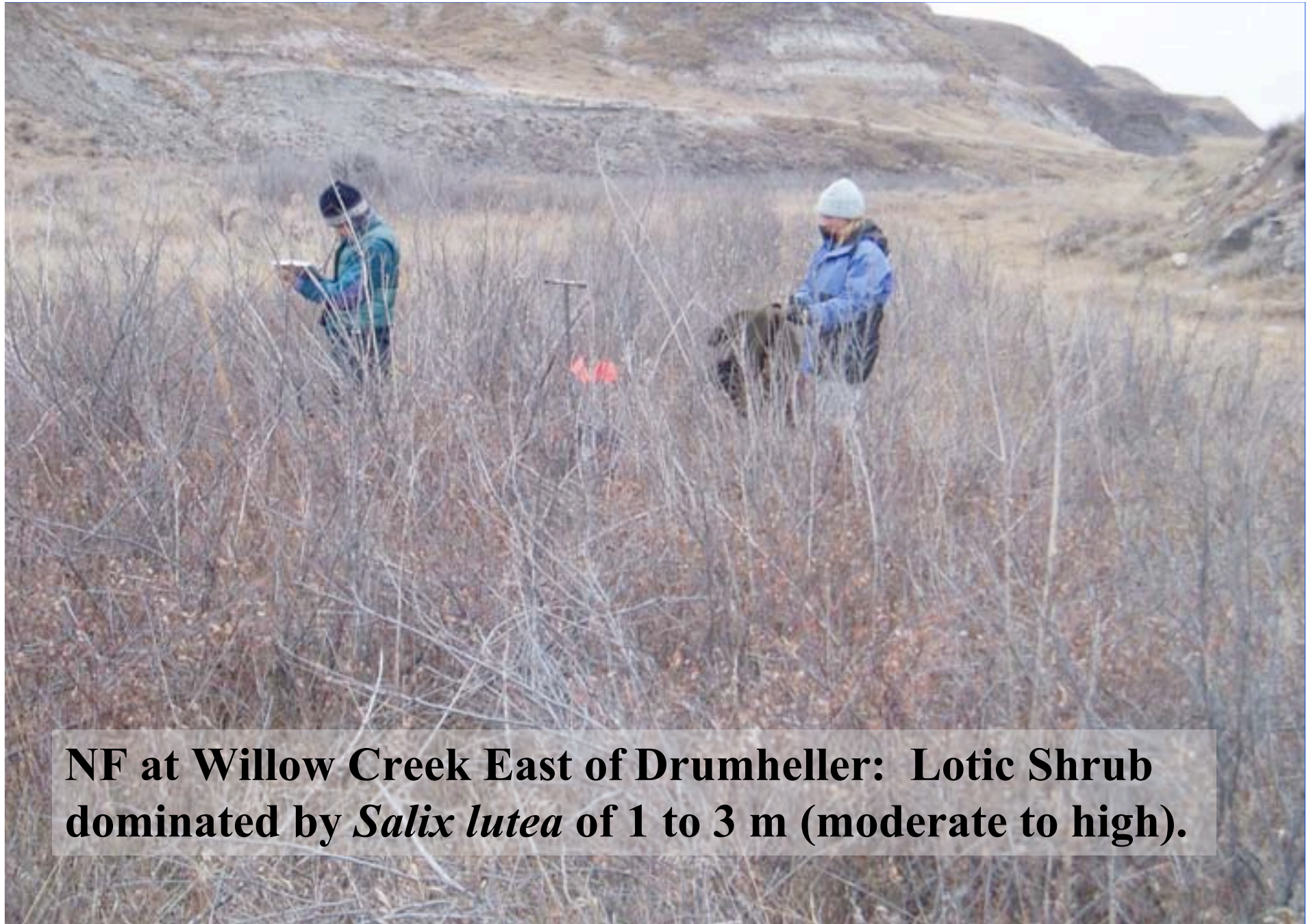


**NF Near Sedalia: Sounding Creek Lotic Herbaceous,
dominated by *Scirpus sp.* with shrub edges**



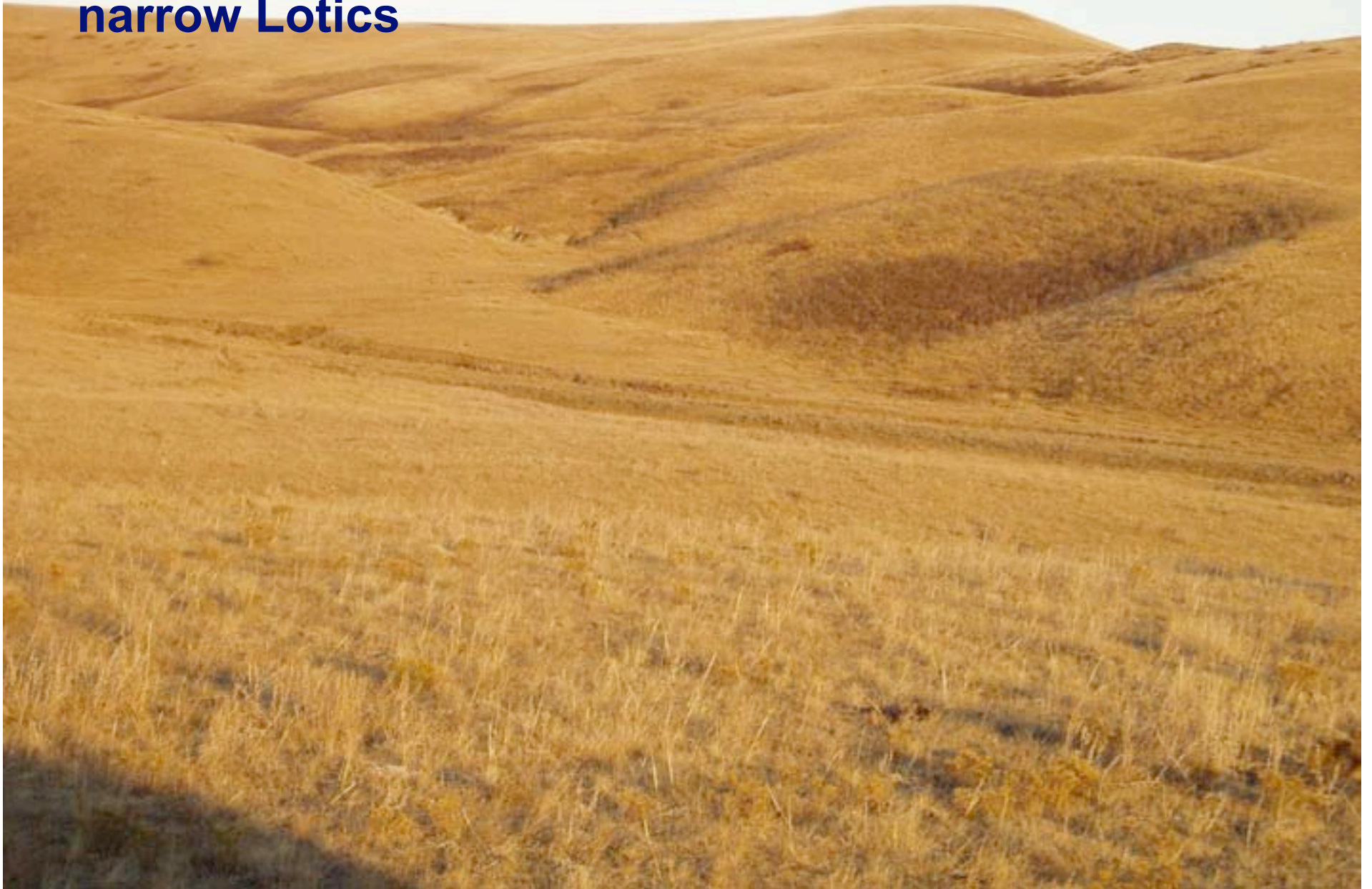
**NF: Upper Fish Ck. valley; Blowouts (BlO), Overflow (Ov),
Subirrigated (Sb) and Lotic Shrub (LtcS)**





NF at Willow Creek East of Drumheller: Lotic Shrub dominated by *Salix lutea* of 1 to 3 m (moderate to high).

NF: Hand Hills, Thin Breaks (TB) with shrubs and narrow Lotics



**NF: Hand Hills view S to Red Deer River; Loamy till and
Lotic Shrub**



NF at Willow Creek East of Drumheller: Lotic Herbaceous spring in middle ground, dominated by *Scirpus pungens*.

