Figure 4: Soil Correlation Area 4 in relation to the Hillshade Model (Digital Elevation Model)
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 Lentic
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 Nikoforuk (1988).
NF at Ribstone Ck. near Coronation; Uplands of Lo and BlO, Li and TB valley sides, bottom of Ov, LtcH and LtcS.
NF: Blowouts and Loamy Complex
NF: Thin Breaks (TB)

Solonetzic 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).
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 Opuntia 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 Lentic
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 (LtcH)
NF: Little Fish Valley Lotic Herbaceous (LtcH) and Lotic Shrub (LtcS)
NF: Little Fish Creek NE of Little Fish Lake; Lotic Shrub (LtcS) and Lotic Herbaceous (LtcH)
NF: Dugout, Little Fish Creek; Mix of Lotic Shrub (LtcS) and Lotic Herbaceous (LtcH) beyond dugout
NF: Carex aquatilus 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*.