Aug 21/81

Legend - McAllister Sheet 930/NE

Map Symbol	Great Group	Subgroup	Climatic Class	Parent Materials	Texture Group of Control Section	Reaction Class of Control Section	Depth of Control Section	Drainage Class	Stoniness	Slope Class	Name
MO1	Gray Luvisol	Brunisolic	5 - 3	till	medium	acid-neutral	normal	well-imperfect	2-4	d-f	Moberly
MO2		Lithic	5	till	medium	acid-neutral	shallow	mod. well-imperfect	2-4	C-E	Jedney
TO		Brunisolic	3	alluv. outwash	medium	acid-neutral	normal	well-mod. well	0	C-D	Toad, Lynx
SO1	Dystric Brunisol	Degraded	5	colluvium	coarse	acid-neutral	normal	well-mod. well	2-4	d-e	Suprenant, Stott.
SO2	(shallow phase)	Degraded	5	colluvium	coarse	acid-neutral	shallow	well-mod. well	2-4	d-e,	
HS1		Degraded	6 - 7	colluvium & till	coarse	acid-neutral	normal	well-mod. well	2-4	d-f	Horseshoe, Jilg
HS2	(shallow phase)	Lithic Degraded	6 - 7	colluvium & till	coarse	acid-neutral	shallow	well-mod. well	3-5	C-D	Chowade
TK1		Degraded	5 (7)	till	medium	acid-neutral	normal	well-mod. well	1-2	C-F	Tuskoola
TK2	(shallow phase	Lithic Degraded	5 (7)	till	medium	acid-neutral	shallow	well-mod. well	2-4	C-F	Tremblay
PT1	Eutric Brunisol	Degraded	5	outwash	coarse	acid-neutral	normal	well-mod. well	0-2	c-e	Portage, Neuman, Twidwell, Gwillim
PT2		Degraded	5	outwash	coarse	acid-neutral	normal	rapid	3-5	c-e	Nose
PT3		Degraded	5	till/R	coarse	acid-neutral	shallow	well drained	1-3	c-e	Elephant, Bullhead
CY		Degraded	3	outwash	coarse	acid-neutral	normal	well drained	0	C-E	Clayhurst, Groundbirch
PO		Degraded	5	outwash/ lacustrine	coarse/fine	acid-neutral	normal	mod. well-imperfect	0-1	a-c	Pinto

Map Symbol	Great Group	Subgroup	Climatic Class	Parent Materials	Texture Group of Control Section	Reaction Class of Control Section	Depth of Control Section	Drainage Class	Stoniness	Slope Class	Name
AL 1	Regosol	Cumulic-Orthic	2 - 3	alluvium	coarse	acid-neutral	normal	well-imperfect	0-3	c-d	Alluvial
AL 2	(climatic phase)	Cumulic-Orthic	3 - 5	alluvium	coarse	acid-neutral	normal	well-imperfect	0-3	c-d	Alluvial
GR		Cumulic	6 - 7	colluvium	coarse	acid-neutral	normal	well-mod. well	2-4	E-G	Graham
PR	Gleysol	Orthic	3 - 5	lacustrine	fine	acid-neutral	normal	poorly drained	0	B-C	Prestville
HK			5	till	medium	acid-neutral	normal	poorly drained	0	B-C	Haikie
CT		Orthic Humic	5	lacustrine	med./fine	acid-neutral	normal	poorly drained	0	C-E	Colt
CH			3	alluvium	medium	acid-neutral	normal	poorly drained	0	B-C	Codnor
DR		Orthic Humic Eluviated	(5) 6-7	colluvium	medium	acid-neutral	normal	poorly drained	0	E-F	Dresser
KZ	Fibrisol	Terric	(3) 5	organic	peat	acid	shallow	v. poorly drained	0	B-C	Kenzie, Eaglesham
HT		Terric	5 - 7	organic	peat	acid	shallow	v. poorly drained	0	B-C	Hart
CG		Terric	5 - 7	organic	peat	acid	normal	v. poorly drained	0	B-C	Cogol, Dickford
RO	Landtype										Rock Outcro

Topographic phase - very steep and extremely steep slopes

2-1 Soil Associations.

Alberta Plateau Lowlands and Main Valleys (Plains)

- Alluvial complex
- Beryl
- Branham
- Centurion
- Devereau
- Eaglesham
- Edson
- Farrell
- Groundbirch
- Goose
- Kenzie
- Lodge
- lynx
- Smoky
- Snipe

Alberta Plateau Uplands. (Benchlands)

- Codner
- Dickebusche
- Fellers
- Gunderson
- Jarvis
- La Prise
- Meikle Cr.
- Moberly
- Pinto
- Septimus
- Sundance
- Windfall Cr.
- Zonnebecke

Rocky Mountain Foothills

- Bulley
- Bullmoose
- Chowade
- Dresser
- Hominka
- Horseshoe
- Merrick

Mitska
Neumann
Oetca
Portage Creek.
Robb
Spieker Mountain.
Suprenant Mountain
Stott
Squaw Mtn.
Turning Mtn.
Whatley.

more after page 1

Rocky Mountains.
Bickford
Lean-to
Rockland.

LAND USE INTERPRETATIONS (?)

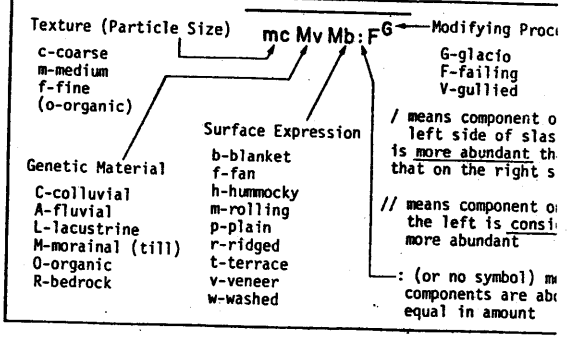
REFERENCES

5. Topographic Classes[1]

Simple Topography — Single Slopes (regular surface)		Complex Topography — Complex Slopes (irregular surface)		Slope
A	depressional to level	a	nearly level	0-0.5
B	very gently sloping	b	gently undulating	0.5-2
C	gently sloping	c	undulating	2-5
D	moderately sloping	d	gently rolling	5-9
E	strongly sloping	e	moderately rolling	9-15
F	steeply sloping	f	strongly rolling	15-30
G	very steeply sloping	g	hilly	30-60
H	extremely sloping	h	very hilly	over 60

[1]Ref. The System of Soil Classification for Canada 1974, (revised).

6. Landform Classification



Maybe from an adjacent map sheet

Some Soils are in 93ONE

7. Soil Description

Map Symbol	Name	Physiographic Regions (See Box 8)	Soil Parent Material (See Box 6)	Most Common Soil	Most Common Soil Drainage (See Box 9)	Comments
Ab	Albright	plains	1L	Solonetzic Dark Gray	w	often gravelly, variable textures
Ac	Alcan	plains	1Mb	Orthic Gray Luvisol	m	sandstone and shale fragments com
Ah	Attachie	plains	C,M,AG	Regosols + Chernozems	variable	extreme slopes, variable material
Al	Alluvial	plains	sAt	Regosols	variable	variable textures
Ar	Arras	plains	1,cL	Solonetzic Gray Luvisol	w	calcareous materials, often mound
Be	Belloy	plains	s,1Lv	Dark Gray Luvisol	w	shoreline deposits are clayey mat
Bh	Bullhead	foothills	1Mv	Eluviated Eutric Brunisol, lithic	r	steep southerly aspects
Bm	Bullmoose	foothills	sAt	Cumulic Regosol	m	over gravels, subject to flooding
Br	Branham	plains	s1At	Orthic Eutric Brunisol	w	level, gently sloping terraces
Bu	Buick	benchlands	1,cL	Orthic Luvic Gleysol ✓	p	legal and depressional, sites
By	Beryl	plains	s,1Lv,AG	Podzolic Gray Luvisol	w	shoreline deposits over clayey ma
Ce	Centurion	plains	1AG	Rego Humic Gleysol, carbonated	p	level and depressional sites
Cd	Coldstream	plains	s1AG,Lv	Orthic Luvic Gleysol ✓	p	over clayey materials in depressi
Cl	Clouston	benchlands	gsLv	Orthic Gray Luvisol	w	high elevation shorelines
Cm	Coleman	plains	1,cL	Orthic Luvic Gleysol ✓	p	level and depressional
Cn	Codner	plains	1AG	Orthic Humis Gleysol ✓	p	calcareous, often wind-worked
Co	Codesa	plains	s,1Lv,AG	Orthic Gray Luvisol	w	over clayey deposits
Cw	Chowade	foothills	gs,1Cv	Orthic Dystric Brunisol, lithic	r	steep mountain slopes
Cy	Clayhurst	plains	sAG,Lv	Eluviated Eutric Brunisol	r	often gravelly
Dm	Demmitt	benchlands	cM	Orthic Gray Luvisol	w	often veneered with gravel
Do	Donnelly	plains	cLb	Solonetzic Gray Luvisol	m	weakly stratified, on lower slopes
Du	Devereau	plains	1,Lb	Dark Gray Luvisol	m	irregular sloping mounds
Dv	Davis	plains	1,AG	Orthic Gray Luvisol	w	calcareous, often wind-worked
Eg	Eaglesham	plains, benchlands	O	Mesisol	rp	sedger, shrub cover
Ep	Elephant	foothills	gsC	Orthic Regosol	r	steep mountain slopes
Es	Esher	plains	cLb	Dark Gray Luvisol	m	weakly stratified, on lower slopes
Fa	Falher	plains	cLb	Dark Gray Luvisol	m	stratified, lacustrine plain
Fc	Falls Creek	foothills	1C	Eluviated Eutric Brunisol	w	in basins and mountain slopes
Fe	Fellers	benchlands	1Mb	Brunisolic Gray Luvisol	m	Cordilleran till, >100 cm
Fr	Farrell	plains	1At	Orthic Regosal	w	smooth, gentle terraces
Gb	Groundbirch	plains	sAG	Brunisolic Gray Luvisol	p	gravel substrate, wind-worked
Go	Goose	plains	cLb	Orthic Humic Gleysol	p	level and depressional
Ha	Hanshaw	plains	cM	Orthic Gray Luvisol	i	often veneered with gravel
Hs	Horseshoe	foothills	gs,1C	Eluviated Dystric Brunisol	w	steep mountain slopes
Hz	Hazelmere	plains	1L	Orthic Gray Luvisol	m	gravel common, variable testures
Ju	Judah	plains	1,cL	Dark Gray Luvisol	w	calcareous, mounded forms
Ks	Kiskatinaw	plains	1Lb	Solonetzic Gray Luvisol	w	similar to Judah soil
Kt	Kathleen	plains	1,cLb	Orthic Gray Luvisol	m	calcareous, mounded forms
Kz	Kenzie	plains, benchlands	O	Mesisol	rp	sphagnum moss, black spruce cover
La	Landry	plains	cLb	Black Solod	w	wealth stratified, on lower slopes
Ly	Lynx	plains	1AG	Brunisolic Gray Luvisol	w	calcareous, often wind-worked
MO1	Moberly	foothills	1Mb	Brunisolic Gray Luvixol	m	Cordillera till, >100 cm calcareou
MO2	Moberly	foothills	1Mr	Brunisolic Gray Luvisol, lithic	w	shallow soils, bedrock common
Mr	Mt. Roberts	foothills	glM	Gleyed Gray luvisol	i	toe slope positions
Mu	Murdale	plains	1Mb	Gray Solod	w	contains sandstone and shale fragm
My	Myrton	plains	1Mb	Dark Gray Solod	w	contains sandstone and shale fragm
Ne	Neumann	benchlands	Sa	Eluviated Dystric Brunisol	r	sometimes dumed
No	Nose	benchlands	gsAG	Podzolic Gray Luvisol	r	associated with Neumann soils
Np	Nampa	plains	cLb	Solostzic Gray Luvisol	i	stratified, level and depressional
Oe	Oetca	plains, foothills	sA	Cumulic Regosol	w	calcareous, often flooded
Pe	Peoria	plains	1,sLv,AG	Eluviated Black	w	shoreline deposits was clayey mate
Po	Pinto	benchlands	s,1AG	Brunisolic Gray Luvisol	m	veneers over till or lacustrine
Pr	Prestville	plains	cL	Orthic Gleysol ✓	p	peaty phase is common
Pt	Portage Cr.	plains	sA	Eluviated Eutric Brunisol	w	sandy capping over gravel
Py	Pys Creek	plains	cA	Regosols	w	terraces on upper Moberly River
RB)	(Rough Broken Land)	plains	C	phase of alluvial soils (see Septimua)		
Ro	Rolla	plains	cLb	Eluviated Black	w	
Ry	*Rockland	foothills	R	undifferentiated bedrock types with <10 cm of soil material		mainly as mounded forms
Sh	Rycroft	plains	cLb	Black Solod	m	
Sk	Shearerdale	benchlands	sMv	Eluviated Eutric brunisol, lithic	w	stratified, lake basin access
Sl	Sukunka	plains	1,cLb	Orthic Gray Luvisol	w	shallow soils on escarpments
Sn	Sloane	plains	s,1Lv,AG	Orthic Gray Luvisol	w	calcareous materials
So	Snipe	plains, benchlands	c,1M,L	Orthic Luvic Gleysol	p	veneers over clayey deposits
Ss	Stott	foothills	1C,M	Eluviated Dystric Brunisol	w	often gravelly
Su	Septimus	plains	C,M,AG	Regosols and Brunisols	variable	on lower mountain slopes
Sy	Sundance	plains	sAG	Brunisolic Gray Luvisol	w	extreme slopes, variable materials
Tb	Tremblay	foothills	sMv	Eluviated Eutric Brunisol, lithic	m	variable, gravel substrate
Td	Toad	plains	1AG	Brunixolic Gray Luvisol	w	shallow over sandstone
Tr	Tuskoola	foothills	1gM	Eluviated Eutric Brunisol	w	calcareous, often wind-worked
Tw	Twidwell	plains	sAG	Eluviated Eutric Brunisol	r	steep mountain slopes
Wi	Widmark	plains	1A	Eluviated Eutric Brunisol	m	variable, kame-kettle landforms
						associated with Gray Luvisols

Physiographic Region[1]

Alberta Plateau Plains region is characterized by flat-to-ly-rolling upland topography which is underlain primarily by onaceous sandstones and shales. The region has a general

9. Drainage Classes

r	Rapidly drained	The soil moisture content se exceeds field capacity in any ho