

LEGEND FOR SOIL MAP OF  
 GRAVITY VALLEY 94B SE  
 94B SE  
 poor?

MAP COLOR SYMBOL MAP UNIT SOIL GROUPS TEXTURE OF SOLUM PARENT MATERIAL LAND FORM AND DOMINANT TOPOGRAPHY VEGETATION DRAINAGE COMMENTS

Be Silt loam and very fine sandy loam on calcareous clay loam fill B-G-L Strongly sloping sides of till ridges White spruce Lodgepole pine Well Overlay on Moberly fill

By Silt loam and very fine sandy loam on calcareous heavy lacustrine clay B-G-L Smooth gently sloping lacustrine basin, Poplar, Aspen White spruce Mod. well About 16" WFSL overlay on lacustrine clay

Bt Moderately well decomposed organic materials developed mainly from sedges but in places having an abundance of woody material B-t Moderately well decomposed organic materials developed mainly from sedges but in places having an abundance of woody material Depressions Hypnic mosses, sedge, buck brush Very poorly drained

Br Loam and silt loam on weakly calcareous cobbly gravel at 12" Terraces modified appreciably by stream action and sloping areas along escarpments. Poplar and Lodgepole pine Rapidly drained This is a shallow phase of the series described in the Peace Report

Bh Fine sandy loam and loam with sandstone fragments on glaciolacustrine sandstone bedrock Thinly glaciolacustrine Spruce - open forest often shrubby and very steeply sloping. Bullhead L-D-G-E-B-R

Ce Carbonated RHG Silt loam on glaciolacustrine materials Depressional and very gently sloping Sedge, buckbrush, aspen Poorly drained Calcareous the surface small shells frequently present

Cw	Chowade	L1DGdyBr	Sandy loam and angular gravelly sandy loam on undivided till and colluvium over bedrock	Thinly glaciated mountain ridge tops. Moderately and very steeply sloping	Open areas of grass, buck brush and dwarf willow with clumps of scrubby alpine fir-false heather with some aspen and spruce	Rapidly drained	Shallow soil more acid than Bullhead occurring above timberline
Cy	Clayhurst	D.E.B.	Sandy loam and gravelly sandy loam over calcareous loam and gravelly loamy sand	Fluvial terraces and medium textured deposits on glacial and valley trains		Imperfectly drained	
Cn	Codner	O.H.G.	Sandy loam and silt loam on calcareous silt loam and very fine sandy loam	Alluvial terraces and flood plains level and slightly depressional areas	Grasses, sedges cow parsnip with scattered clumps of willow and poplar	Imperfectly drained	
Cg	Cogol	Typic Mesisol	Partly decomposed fibrous organic materials developed mainly from sphagnum mosses plus sedges and cotton grass	Depressions level to very gently sloping	Labrador tea, sphagnum mosses, sedges	Very poorly drained	
Ct	Colt	OHG	Silt loam and clay loam over acid and neutral clay till	Concave sites on strongly sloping hill sides	White spruce some poplar semi-open areas of grass and birch	Poorly drained	Associated with Kobe series
Dr	Dresser	RHG	Loam over silty clay loam on neutral to alkaline loam stony colluvium	Concave sites at toe of long steep slopes moderately and strongly sloping	White spruce Lodgepole pine some willow	Poorly drained	Associated with Fortage series
Br	Baglsham	Terric Mesisol	Well decomposed dark colored organic materials derived mainly from sedge	Depressions	Sedge willow buck brush	Very poorly drained	
Fr	Farrell	OR	Silt loam and silty clay	Gently sloping glacial	Poplar	Well	

Fr	Farrell	OR	Silt loam and silty clay loam on calcareous silts	Gently sloping glacial fluvial terraces and valley trains	Poplar lodgepole pine and spruce	Well drained
Fe	Fellers	DrgL	Clay loam on acid and neutral clay loam till containing sandstone fragments with some shale, quartzites and ironstone	Thinly glaciated flat topped ridges and plateau remnants above 3,000' Moderately and steeply sloping	Lodgepole pine spruce, poplar and birch	Well drained
Go	Goose	OHC	Silty clay loam on neutral and alkaline clay	Very gentle slopes of lacustrine basin	Buck brush sedge willow	Poorly drained
Gr	Graham	Cu.R.	Sandy loam and loam on undivided till and colluvium	Steeply and very steeply sloping	White spruce	Well drained
GP	Groundbirch	DEBR	Very fine sandy loam over calcareous very fine sands and silts	Pitted outwash plain short gentle and moderate slopes	Aspen lodgepole pine	Rapidly drained
Gw	Gwillim	DEBR	Fine sandy loam and gravelly sandy loam over calcareous gravel	Meltwater channel landscape Gently and strongly sloping	Lodgepole pine	Rapidly drained
HS	Horseshoe	DDyBr	Sandy loam and angular gravelly sandy loam over undivided acid and neutral undivided till and colluvium	Steeply and very steeply sloping colluvium on glaciated mountain	Spruce, lodgepole pine and alpine fir	Well drained
Kz	Kenzie	Terric Mestisol Sphagnum phase	Partly decomposed fibrous organic material derived mainly from sphagnum mosses	Depressions Level and very gently sloping	Labrador tea, willow, black spruce and sphagnum mosses	Very poorly drained

Analogous to Twidwell but in a 50' class

Ko	Kobe	BrGL	Very fine sandy loam and silt loam overlay on heavy acid and neutral clay fill with sandstone fragments, shale, quartzites and ironstone	Hummocky till plain and colluvial toe slopes	Spruce poplar birch	Well drained
Ip	LaRise	OGl	Clay and silty clay on calcareous stratified clay	Long, smooth gently slopes of lacustrine basin - Hummocky topography near drainage channels	Lodgepole pine black spruce	Imperfectly drained
Ly	Lynx	BrGL	Fine sandy loam and silt loam on calcareous silts	Gently and strongly sloping glacio-fluvial terraces	Lodgepole pine aspen poplar and spruce	Well drained
						Similar in origin and texture to road but thinner Bt.
Mo	Moberly	BrGL	Clay loam and silt loam on calcareous stoney clay loam and clay till	Moderately and steeply sloping drumlinized till plain	Spruce Lodgepole pine	Well drained
Pt	Portage	DyBr	Very fine sandy loam with bands of loam and clay loam on neutral and alkaline very fine sand	Strongly and steeply sloping colluvium in basins and on mountain sloped	White spruce alder and aspen	Well drained
Pr	Prestville	OG	Clay over heavy neutral to alkaline lacustrine clay	Level and depressional areas where the drainage is poor	Sedges, willows, buck brush	Poorly drained
So	Stott	DyBr	Loam and very fine sandy loam on angular gravelly sandy loam and loam undivided acid and neutral fill and colluvium	Moderately and steeply sloping colluvium on glaciated lower mountain slopes	Lodgepole pine spruce	Well drained
						See Horseshoe Krumholz effect

TY	Taylor	RBI	Loam and clay loam on fine textured colluvial materials	Level and gently sloping aprons of fans	Open aspen and grass	Well drained
TD	Toad	BRGL	Fine sandy loam and silt loam over a compact clay loam Bt developed on calcareous silts	Gently and moderately sloping glacio-fluvial terraces and outwash plains	Lodgepole pine spruce, aspen and poplar	Well drained Similar to LVTX in origin, texture but thicker Bt
TW	Twidwell	DEBR	Sandy loam and gravelly sandy loam on calcareous morainal gravels	Level and gently sloping glacio-fluvial terraces and kettled outwash plain	Lodgepole pine	Rapidly drained
WO	Womnon	OGL	Clay loam and clay on weakly calcareous and saline clay fill with sandstone fragments, shale, quartzites and ironstone	Thinly glaciated moderately and strongly sloping plateau remnants and ridge tops	Spruce Lodgepole pine Alder	Moderately well drained
RB	Rough Broken		Colluvium and rock	Very steep and dissected slopes along drainage channels and escarpments		Rapidly drained
RO	Rockland			Rockout crops and less than 4 inches of soil over consolidated rock.		Rapidly drained
AI	Alluvial	Complex GR OR GIR	Sandy loam, gravelly sandy loam and loam on neutral and alkaline sand and gravel	Level and gently sloping stream deposits on first bottom terraces	Poplar spruce aspen	Well drained