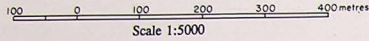
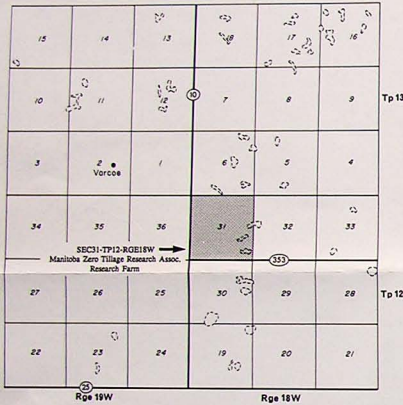


# Soils of the Manitoba Zero Tillage Research Association Research Farm Sec31 - Tp12 - Rge18W



## LOCATION MAP



## MAP UNIT SYMBOLOLOGY

### Simple Map Units

Series Symbol → **NDL** **xc1x** → Degree of Stoniness (slightly) → **ANL** → Series with no phases

Topography (very gently sloping)

### Compound Map Units

Series Symbol → **NDL** **RUF** → Percentile of Map Unit → **ANL** **RUF** → Degree of Salinity (none) → Degree of Salinity (weakly)

Degree of Erosion (slight) → Topography (Very gently sloping) → Degree of Stoniness (slightly) → No or Minimal Phase Features → Topography (nearly level)

In a compound unit where two series share the same denominator, the phases apply to both series accordingly.

### Phases

<p><b>Degree of Erosion</b></p> <p>x noneroded or minimal</p> <p>1 slightly eroded</p> <p>2 moderately eroded</p> <p>3 severely eroded</p> <p>o overblown</p>	<p><b>Stoniness</b> (Surface covered)</p> <p>1 nonstony &lt;.01 %</p> <p>2 slightly stony .01-1 %</p> <p>3 moderately stony 1-3 %</p> <p>4 very stony 3-15 %</p> <p>5 exceedingly stony 15-50 %</p> <p>6 excessively stony &gt;50 %</p>
<p><b>Slope Class</b></p> <p>x 0-5% level to nearly level</p> <p>b 5-2% nearly level</p> <p>c 2-5% very gently sloping</p> <p>d 5-9% gently sloping</p> <p>e 9-15% moderately sloping</p> <p>f 15-30% strongly sloping</p> <p>g 30-45% very strongly sloping</p> <p>h 45-70% extremely sloping</p>	<p><b>Degree of Salinity Cond. (mS/cm)</b></p> <p>x non saline 0-4</p> <p>s weakly saline 4-8</p> <p>t moderately saline 8-15</p> <p>u strongly saline 15+</p>



## SOIL LEGEND

Soil Symbol	Soil Name	Surface Texture	Soil Drainage	Mode of Deposition	Family Particle Size	Subgroup
ANL	Angusville	Loam-Clay Loam	Imperfect	Till(Morainal)	Fine Loamy	Gleyed Eluviated Black
CVA	Cordova	Clay Loam	Well	Till(Morainal)	Fine Loamy	Calcareous Black
DRO	Drokan	Clay Loam	Poor	Till(Morainal)	Fine Loamy	Rego Humic Gleysol
MHC	Marsh Complex	Loam	Very Poor	Mineral, Undifferentiated	Loamy	Rego Humic Gleysol
NDL	Newdale	Clay Loam	Well	Till(Morainal)	Fine Loamy	Orthic Black
PEN	Pentith	Loam-Clay Loam	Poor	Till(Morainal)	Fine Loamy	Humic Luvisc Gleysol
RUF	Rufford	Clay Loam	Well	Till(Morainal)	Fine Loamy	Rego Black
VRC	Varcoe	Clay Loam	Imperfect	Till(Morainal)	Fine Loamy	Gleyed Rego Black