

POTENTIAL CROPLAND LIMITATIONS AND HAZARD
Bowman County, North Dakota

(See text for a description and criteria of the limitations and hazards listed in this table)

Map Symbol and Component Name	Cropland Limitations and Hazards
Ad: Alluvial land	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ae:	
Alluvial land	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Salt content Surface crusting Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Af: Alluvial land	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Alluvial land	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Salt content Surface crusting Wind erosion
Ag: Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
ALD: Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
AmA: Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
AmB: Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
ArA: Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
ArB: Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Ba: Badland	Alkalinity Lime content Limited organic matter Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lonna	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Tusler	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Yawdim	Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Bb: Badland	Alkalinity Lime content Limited organic matter Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Lonna	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Sham	Alkalinity Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
BeA: Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
BeB: Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
BfA: Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Daglun	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
BfB: Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Water erosion
Grail	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Water erosion
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Bh: Blown-out land	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Bk: Blown-out land	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
BoC: Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
BrD: Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
BtB: Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
BuD: Brandenburg	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Searing	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
CaC: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
CaE:	
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
CbC: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
CbD: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Cd: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Soil slumping Surface crusting Water erosion Wind erosion
Shale outcrop	Onsite required
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Lambert	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Ce: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Soil slumping Surface crusting Surface stones Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
CgC: Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Burgraff	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
CgD: Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Scairt	Alkalinity Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
ChE: Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Scairt	Alkalinity Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Yawdim	Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Tanna	Depth to rock Depth to sand and gravel Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ck: Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Yawdim	Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Soil slumping Water erosion Wind erosion
Rock outcrop	Onsite required

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Scairt	Alkalinity Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Tusler	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
CmA: Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Sen	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Farland	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
CmB: Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Farland	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
CnC: Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Farland	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Sen	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
CoA: Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
CoB: Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
Tinsley	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Surface rock fragments Wind erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
CrA: Cherry	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Lambert	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Water erosion Wind erosion
Golva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
CrB: Cherry	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lambert	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Water erosion Wind erosion
Golva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
CrC: Cherry	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lambert	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Golva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Cherry	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
DaB: Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
DdA: Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
DLC: Dilts	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lisam	Alkalinity Depth to rock Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting Slope Surface crusting Water erosion Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rock outcrop	Onsite required
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
DLE: Dilts	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lisam	Alkalinity Depth to rock Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Root limiting Slope Surface crusting Water erosion Wind erosion
Rock outcrop	Onsite required
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Scairt	Alkalinity Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Scairt	Alkalinity Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
EdB: Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Desart	Alkalinity Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Lakota	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Elc: Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
Ekalaka lfs	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
EmB: Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Blown-out land	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
FeE: Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Rock outcrop	Onsite required
Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
FhD: Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Flasher lfs	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Fm: Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Flasher, ext.stony	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
FnD: Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
FoE: Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Rock outcrop	Onsite required

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
FtE: Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Tusler	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
Rock outcrop	Onsite required
GdA: Glendive	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Hanly	Alkalinity Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
GdB: Glendive	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Velva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
GeA: Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Regan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Grail	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
GeB: Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
GLA: Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
GLB: Grail	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Water erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Gm: Grail	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Regan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Salt content Surface crusting Wind erosion
Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Arnegard	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Salt content
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
GoA: Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Daglun	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
GoB: Grail	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Water erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Water erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Gp: Pits	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface rock fragments Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ha:	
Hanly	Alkalinity Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Glendive	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Riverwash	Excessive saturated hydraulic conductivity Flooding High water table Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Wolf point	Lime content Limited organic matter Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Hc: Hanly	Alkalinity Excessive saturated hydraulic conductivity Flooding Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Channel	Onsite required

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ladner	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
Glendive	Alkalinity Excessive saturated hydraulic conductivity Flooding Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Havre	Alkalinity Excessive saturated hydraulic conductivity Flooding Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Water erosion Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
He: Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Glendive	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Hanly	Alkalinity Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Wolf point	Lime content Limited organic matter Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Hm: Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Glendive	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Kc: Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Velva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ke:	
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Kh: Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Straw	Alkalinity Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Km: Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Straw	Alkalinity Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Kn: Channel	Onsite required
Havre	Alkalinity Excessive saturated hydraulic conductivity Flooding Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Korchea	Excessive saturated hydraulic conductivity Flooding Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Glendive	Alkalinity Excessive saturated hydraulic conductivity Flooding Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Gullied land	Onsite required

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Hanly	Alkalinity Excessive saturated hydraulic conductivity Flooding Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity
Ko: Channel	Onsite required
Korchea	Excessive saturated hydraulic conductivity Flooding Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Straw	Alkalinity Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Velva	Excessive saturated hydraulic conductivity Flooding Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Gullied land	Onsite required
Lallie	Alkalinity Excessive saturated hydraulic conductivity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
KrA: Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
KrB: Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
KsA: Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Ethridge	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
La: Lawther	Alkalinity Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Lc: Lawther	Alkalinity Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Rhoades	High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
LeB: Lefor	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Wind erosion
LeC: Lefor	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
LmC: Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
M-W: Water	Onsite required
MaA: Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting
Bowdle	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
MaB: Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tally	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Bowdle	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
MeB: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Burgraff	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
MgC: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Burgraff	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
MhB: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
MhC: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
MkA: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
MkB: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Ethridge	Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
MkC: Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ethridge	Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Water erosion
Mm: Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones
Marmarth	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Surface stones Water erosion Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface stones
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Mn: Mckenzie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Heil	Excessive saturated hydraulic conductivity High sodium content High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Mo: Heil	Excessive saturated hydraulic conductivity High sodium content High water table Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Mckenzie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Mp: Dumps-pits, mine	Onsite required

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ustorthents	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
MrA: Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Lawther	Alkalinity Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
MrB: Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Lawther	Alkalinity Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
MwC: Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lawther	Alkalinity Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Ob: Oburn	Depth to sand and gravel Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Oburn	Depth to sand and gravel Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Slickspots	Alkalinity Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tinsley	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Surface rock fragments Wind erosion
Dilts	Depth to rock Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
PaA: Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
PeB: Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Lonna	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Water erosion Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Sham	Alkalinity Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Wind erosion
PeC: Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lonna	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Sham	Alkalinity Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
RcC: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
RdA: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
RdB: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
RdC: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
ReA: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
ReB: Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Rf: Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Surface stones Water erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Surface stones Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface stones Water erosion
Regent	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Surface stones Water erosion
Rg: Regan	Alkalinity Excessive saturated hydraulic conductivity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Surface crusting Wind erosion
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Grail	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
RhA: Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
RhB: Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Grail	Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
RkC: Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
R1B: Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
RmA: Regent	Depth to rock Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
RnB: Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
RoC: Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
RoD: Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
RrA: Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Absher	Alkalinity High sodium content Limited available water capacity Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Ethridge	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Tanna	Depth to rock Depth to sand and gravel Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
RrB: Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Maltese	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Boxwell	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Tanna	Depth to rock Depth to sand and gravel Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
Ethridge	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ethridge	Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Rt: Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Rw: Riverwash	Excessive saturated hydraulic conductivity Flooding High water table Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Hanly	Alkalinity Excessive saturated hydraulic conductivity Flooding Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Glendive	Alkalinity Excessive saturated hydraulic conductivity Flooding Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
SaA: Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Farland	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Grail	Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
ScA: Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting Water erosion
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Savage	Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity
SeB: Searing	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Brandenburg	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
SeC: Searing	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Brandenburg	Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Sg: Gullied land	Onsite required
Sham	Alkalinity Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion Wind erosion
Patent	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
ShA: Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
ShB: Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Cherry	Alkalinity Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Surface crusting Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
SLA: Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Searing	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Savage	Poor tilth and compaction Restricted saturated hydraulic conductivity
SlB: Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Arnegard	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Searing	Depth to sand and gravel Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
SmA: Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Grail, saline	Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
SnA: Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Bowdle	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting
SrB: Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting
Bowdle	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
SsA: Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Belfield	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity
Bowdle	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
TaB: Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
TaC: Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
TdA: Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Te: Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lihea	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Blown-out land	Excessive saturated hydraulic conductivity High water table Limited organic matter Pesticide and nutrient leaching Wind erosion
Rock outcrop	Onsite required
TfC: Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Blown-out land	Excessive saturated hydraulic conductivity High water table Limited organic matter Pesticide and nutrient leaching Wind erosion
Rock outcrop	Onsite required
ToA: Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
ToB: Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Cozberg	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
ToC:	
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Cozberg	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
TrA: Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Chinook	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion
Kremlin	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
Chanta	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching
Cozberg	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Us: Ustorhents	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion
VfC: Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Telfer	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Vfd: Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Beisigl	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
VtB: Vebar	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Amor	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Parshall	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Vv: Velva	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Korchea	Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Tally	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Riverwash	Excessive saturated hydraulic conductivity Flooding High water table Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Wind erosion
Straw	Alkalinity Excessive saturated hydraulic conductivity Pesticide and nutrient leaching
W: Water	Onsite required
Wa: Wabek	Alkalinity Depth to sand and gravel Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Flasher	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Stady	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff
Manning	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Lehr	Depth to sand and gravel Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion
Wm: Watrous	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Reeder	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity
Shambo	Excessive saturated hydraulic conductivity Pesticide and nutrient leaching

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Daglum	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Rock outcrop	Onsite required
WoC: Wayden	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Cabba	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Dogtooth	Depth to rock Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Janesburg	Depth to rock Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Chama	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Morton	Depth to rock Excessive saturated hydraulic conductivity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Wp: Wolf point	Lime content Limited organic matter Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Wind erosion
Mckenzie	Alkalinity High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Wind erosion
Havre	Alkalinity Excessive saturated hydraulic conductivity Lime content Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Surface crusting Wind erosion
Lallie	Alkalinity Flooding High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Harriet	Alkalinity Excessive saturated hydraulic conductivity High sodium content High water table Lime content Pesticide and nutrient leaching Pesticide and nutrient runoff Ponding Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Surface crusting
YaC: Yawdim	Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Cabbart	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Moreau	Alkalinity Depth to rock Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Rhoades	Excessive saturated hydraulic conductivity High sodium content Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion
Absher	Alkalinity High sodium content Limited available water capacity Pesticide and nutrient runoff Poor tilth and compaction Restricted saturated hydraulic conductivity Salt content Slope Surface crusting Water erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Zd: Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Blown-out land	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion
Hanly	Alkalinity Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Wind erosion
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
ZeC: Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Wind erosion
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Fleak	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Surface crusting Water erosion Wind erosion
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
ZfB: Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Wind erosion
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Wind erosion
ZtC: Zeona	Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Slope Water erosion Wind erosion
Tusler	Alkalinity Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rhame	Depth to rock Excessive saturated hydraulic conductivity Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Wind erosion
Fleak	Depth to rock Excessive saturated hydraulic conductivity Lime content Limited available water capacity Limited organic matter Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Slope Water erosion Wind erosion
Ekalaka	Excessive saturated hydraulic conductivity High sodium content Limited available water capacity Pesticide and nutrient leaching Pesticide and nutrient runoff Restricted saturated hydraulic conductivity Salt content Slope Water erosion Wind erosion
Blown-out land	Excessive saturated hydraulic conductivity Limited available water capacity Limited organic matter Pesticide and nutrient leaching Wind erosion

POTENTIAL CROPLAND LIMITATION--continued
Bowman County, North Dakota

Map Symbol and Component Name	Cropland Limitations and Hazards
Rock outcrop	Onsite required
