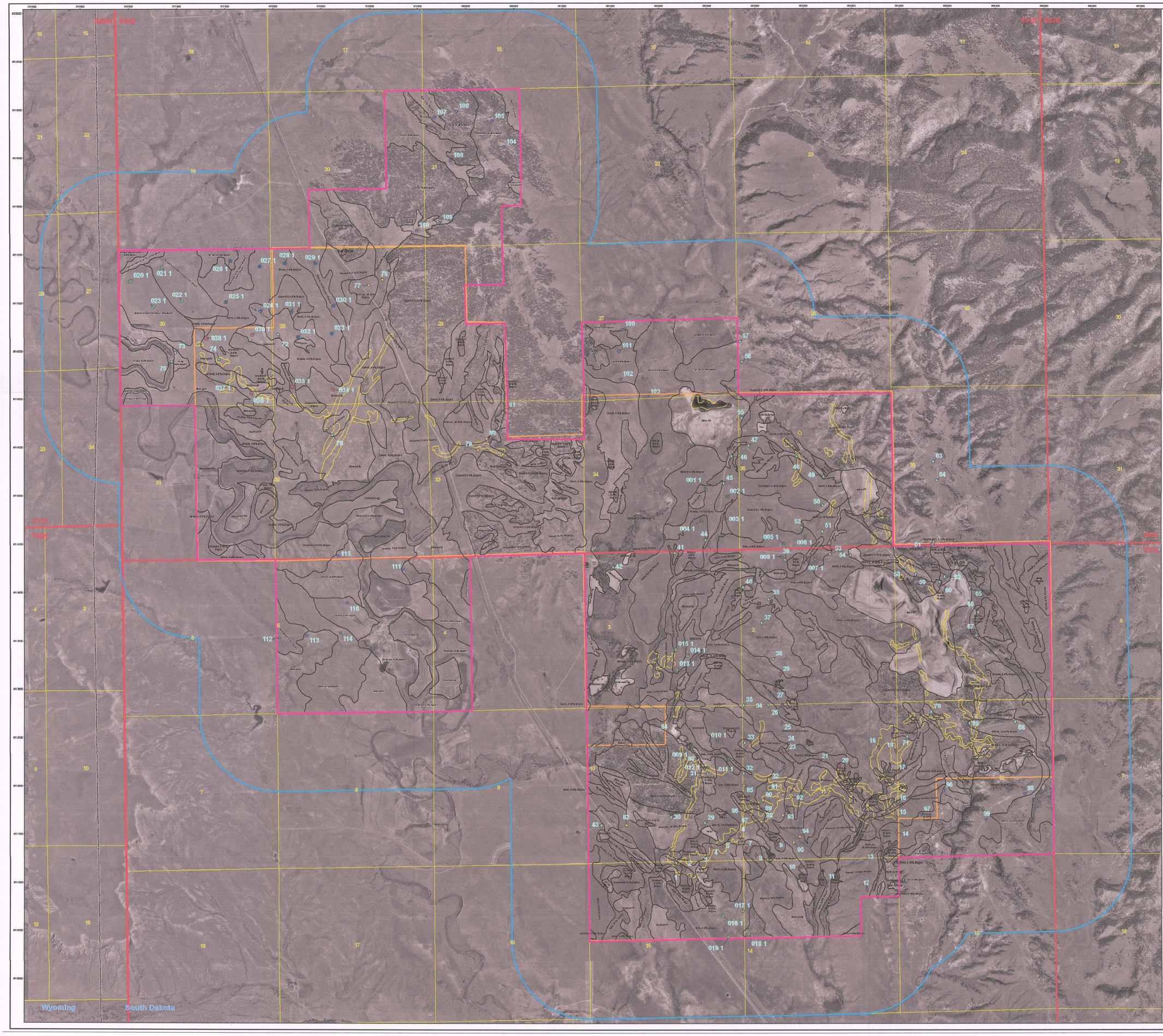

Legend

Soils with in Project Boundary

Soil Series Name	Acres	Soil Series Name	Acres
Alice, 0-6% slopes	37.33	Lakehill Fine, 0-6% Slopes	30.60
Arvada Variant Loam, 0-6% Slopes	8.72	Marlitea, 15-40% Slopes	391.68
Arvada, 0-6% Slopes	348.17	Mine Pit	342.91
Arvada-Gillespie Complex, 0-6% Slopes	30.87	Nihill, 15-40% Slopes	9.71
Assiniboin, 0-6% Slopes	27.53	Nyrka, 0-6% Slopes	32.78
Barnum, 0-6% Slopes	377.51	Nuno, 6-15% Slopes	184.44
Barvest (Inceptisols Subaerium), 0-6% Slopes	23.40	Paunsaugunt, 6-15% Slopes	0.46
Bonesh, 0-6% Slopes	66.74	Perrona, 15-40% Slopes	245.60
Breadhum, 0-6% Slopes	160.09	Pierre, 0-6% Slopes	598.18
Bustine, 6-40% Slopes	192.09	Pierre, 6-15% Slopes	476.10
Canyon, 15-40% Slopes	61.15	Rock Outcrop	138.18
Cathy, 6-15% Slopes	67.68	Samsil, 15-40% Slopes	348.96
Cushman, 6-15% Slopes	130.06	Satanka, 3-8% Slopes	31.11
Demar, 0-6% Slopes	667.78	Satanka-Arvada Complex, 2-6% Slopes	88.66
Disturbed-dp	328.85	Shingle, 15-40% Slopes	138.14
Grummit, 0-6% Slopes	199.08	Stillwater	792.80
Grummit, 15-40% Slopes	332.49	Swanna, 6-15% Slopes	203.40
Grummit, 6-15% Slopes	646.48	Tilford, 0-6% Slopes	179.68
Grummit-Rock Outcrop Complex, 6-15% Slopes	38.51	Water	33.75
Heartpen, 0-6% Slopes	424.34	Wilvent, 0-6% Slopes	47.48
Hisle, 0-6% Slopes	308.64	Wolfe, 15-40% Slopes	9.04
Hisle, 15-40% Slopes	246.02	Zigweid, 15-40% Slopes	39.92
Kyle Clay, 0-6% Slopes	38.88	Zigweid, 6-15% Slopes	90.50
Kyle, 0-6% Slopes	496.14	Zigweid-Nihill Complex, 6-15% Slopes	8.11

- 9/17/2007 - Soil Sample Collected
- 9/18/2007 - Soil Sample Collected
- 9/19/2007 - Soil Sample Collected
- 9/20/2007 - Soil Sample Collected
- 10/14/2008 - Soil Sample Collected
- 7/8/2008 - LAD Soil Sample Collected
- 7/9/2008 - LAD Soil Sample Collected
- 7/14/2008 - LAD Soil Sample Collected
- 7/15/2008 - LAD Soil Sample Collected
- 9/17/2007 - Soil Verification Points
- 9/18/2007 - Soil Verification Points
- 9/19/2007 - Soil Verification Points
- Soil Map Units
- Ore Bodies
- Project Boundary
- Project Boundary 1/2 Mi Buffer
- Project Boundary for Field Survey
- Sections
- TWN/RNG
- State Boundary

N

0 0.125 0.25 0.5
Miles

NAD - 1983 UTM, Zone 13N

1 inch equals 1,050 feet

D-16

Soil Map

Dewey-Burdock Project
South Dakota

BKS Environmental Associates, Inc.

Created By:	BKS Environmental - Tracy Spelts	Plate
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