LEGEND

- Intensive Study Area
- Extensive Study Area
- Soil Type Boundary
- Cb01 Soil Sample Site
- NRCS Soil Type Boundary

**Intensive Study Area Soils**

| Symbol | Name | Acres | Percent of Area |
|---|---|---|---|
| BrTo | Braziel-Tolbert loams, 5-25% | 274 | 20.5 |
| Co | Coben clay loam, 5-15% | 81 | 6.0 |
| Da | Danvers silty clay loam, 5-25% | 87 | 6.5 |
| Lp | Lap gravelly loam, 5-50% | 121 | 9.0 |
| Ma | Martinsdale gravelly loam, 2-15% | 125 | 9.4 |
| Qg | Quigley silt loam, 2-15% | 40 | 3.0 |
| Sh | Shawmut gravelly loam, 2-15% | 154 | 11.5 |
| WC-RO | Whitecow - Rock Outcrop, 15-60% | 331 | 24.8 |
| Wd | Windham skeletal loam, 2-15% | 70 | 5.2 |
| Ws | Winspect skeletal loam, 2-50% | 53 | 4.0 |
| | Totals | 1336 | 100 |

**Extensive Study Area NRCS Soils**

| Symbol | Name | Acres | Percent of Area |
|---|---|---|---|
| 10A | Mccabe-Canarway complex, impacted, 0-2%, occasionally flooded | 26 | 1.2 |
| 11A | Mccabe-Canarway complex, 0-2%, occasionally flooded | 146 | 6.7 |
| 24B | Con loam, 0-4% | 172 | 7.9 |
| 24C | Con loam, 4-8% | 30 | 1.4 |
| 25B | Straw silty clay loam, 0-4% | 27 | 1.2 |
| 31B | Varney clay loam, 0-4% | 154 | 7.1 |
| 33B | Rothiemay loam, 2-4% | 61 | 2.8 |
| 33C | Rothiemay loam, 4-8% | 18 | 0.8 |
| 33D | Rothiemay loam, 8-15% | 7 | 0.3 |
| 34B | Cetrack loam, 0-4% | 2 | 0.1 |
| 36B | Varney-Con loams, 0-4% | 34 | 1.6 |
| 36D | Varney-Con loams, 8-15% | 11 | 0.5 |
| 39C | Winspect gravelly loam, 4-8% | 63 | 2.9 |
| 42E | Windham gravelly loam, 15-35% | 69 | 3.1 |
| 49C | Danvers clay loam, 4-8% | 53 | 2.4 |
| 49D | Danvers clay loam, 8-15% | 52 | 2.4 |
| 52B | Martinsdale loam, 0-4% | 9 | 0.4 |
| 52C | Martinsdale loam, 4-8% | 14 | 0.6 |
| 58C | Coben clay loam, 4-8% | 7 | 0.3 |
| 65D | Tanna loam, 8-15% | 271 | 12.4 |
| 69C | Boxwell loam, 4-8% | 4 | 0.2 |
| 69D | Boxwell loam, 8-15% | 41 | 1.9 |
| 88E | Whitecow gravelly loam, 15-35% | 1 | 0.1 |
| 88F | Whitecow gravelly loam, 35-60% | 48 | 2.2 |
| 111A | Canarway-Mccabe complex, 0-2%, occasionally flooded | 84 | 3.8 |
| 149D | Danvers cobbly loam, 8-15% | 17 | 0.8 |
| 151E | Shawmut cobbly loam, 15-35% | 44 | 2.0 |
| 169F | Doney-Dolus complex, 15-45% | 37 | 1.7 |
| 351E | Roy-Shawmut-Danvers complex, 15-35% | 287 | 13.1 |
| 442D | Braziel-Tolbert gravelly loams, 8-15% | 9 | 0.4 |
| 442E | Braziel-Tolbert complex, 15-35% | 2 | 0.1 |
| 444B | Gregson silt loam, 0-4%, rarely flooded | 137 | 6.3 |
| 445B | Saypo silt loam, 0-4%, rarely flooded | 3 | 0.2 |
| 447B | Kleinschmidt gravelly loam, cool, 0-4%, rarely flooded | 3 | 0.1 |
| 488F | Whitecow gravelly loam, cool, 35-60% | 131 | 6.0 |
| 814B | Bandy loam, 0-4%, rarely flooded | 16 | 0.7 |
| 824E | Con-Sixbeacon cobbly loams, 15-35% | 23 | 1.1 |
| 839E | Windham-Lap-Rock outcrop complex, 15-35% | 17 | 0.8 |
| 839F | Windham-Lap-Rock outcrop complex, 35-60% | 32 | 1.5 |
| 855A | Mannixlee-Blossberg complex, 0-2%, rarely flooded | 13 | 0.6 |
| 915 | Welded tuff | 10 | 0.5 |
| | Totals | 2185 | 100 |

N

0 400 800 1600
Feet

Montana Limestone Resources
Soils Baseline Map

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Helena, Montana 59604

SCALE: 1"=800'
DATE: 04/01/14
DRAWN BY: DC
CHECKED BY: CB
FILE: MLR14_Soils.dwg

EXHIBIT 1
SHEET: 1 of 1