

Table 2-1. Soil Sampling Locations, Dates, and Sample Identification Numbers

Site ID ⁽¹⁾	Sample ID	Sample Date	County	Latitude ⁽²⁾	Longitude ⁽²⁾
01-01	MBSI-01-01	11/4/2012	Silver Bow	45.73663	-112.64711
01-02	MBSI-01-02	11/4/2012	Silver Bow	45.98556	-112.77536
02-01	MBSI-02-01	11/2/2012	Cascade	47.18928	-111.41137
02-02	MBSI-02-02	11/2/2012	Cascade	47.61425	-111.39015
03-01	MBSI-03-01	10/26/2012	Yellowstone	45.60543	-108.58112
03-02	MBSI-03-02 ⁽³⁾	10/26/2012	Yellowstone	46.05137	-108.28700
04-01	MBSI-04-01	11/15/2012	Missoula	46.77630	-114.44270
04-02	MBSI-04-02	11/25/2012	Missoula	47.01200	-113.38700
05-01	MBSI-05-01	12/1/2012	Lewis & Clark	47.47746	-112.49671
05-02	MBSI-05-02 ⁽³⁾	11/29/2012	Lewis & Clark	46.79416	-111.88772
06-01	MBSI-06-01	11/6/2012	Gallatin	45.16925	-111.24097
06-02	MBSI-06-02	11/4/2012	Gallatin	45.83139	-111.47264
07-01	MBSI-07-01	11/16/2012	Flathead	48.14633	-114.71499
07-02	MBSI-07-02	11/14/2012	Flathead	48.53940	-114.11814
08-01	MBSI-08-01	11/1/2012	Fergus	47.40952	-109.29953
08-02	MBSI-08-02	11/1/2012	Fergus	46.84075	-108.87507
09-01	MBSI-09-01	10/22/2012	Powder River	45.59023	-105.99588
09-02	MBSI-09-02	10/22/2012	Powder River	45.18838	-105.29282
10-01	MBSI-10-01	11/1/2012	Carbon	45.07971	-108.57640
10-02	MBSI-10-02	11/1/2012	Carbon	45.16067	-109.38926
11-01	MBSI-11-01	11/19/2012	Phillips	47.94988	-107.87728
11-02	MBSI-11-02	11/19/2012	Phillips	48.75618	-107.54531
12-01	MBSI-12-01	11/19/2012	Hill	48.98377	-110.48345
12-02	MBSI-12-02	11/19/2012	Hill	48.61324	-109.60615
13-01	MBSI-13-01	11/20/2012	Ravalli	46.22700	-114.01020
13-02	MBSI-13-02	11/20/2012	Ravalli	45.97700	-114.01890
14-01	MBSI-14-01	10/24/2012	Custer	45.96881	-105.44765
14-02	MBSI-14-02	10/24/2012	Custer	46.59034	-105.97697
15-01	MBSI-15-01 ⁽³⁾	11/19/2012	Lake	47.46467	-114.11517
15-02	MBSI-15-02	11/20/2012	Lake	47.82352	-113.81235
16-01	MBSI-16-01	10/23/2012	Dawson	47.40635	-104.96160
16-02	MBSI-16-02	10/23/2012	Dawson	47.09474	-104.96287
17-01	MBSI-17-01	11/20/2012	Roosevelt	48.27071	-104.19360
17-02	MBSI-17-02	11/20/2012	Roosevelt	48.30321	-104.62847
18-01	MBSI-18-01	11/28/2012	Beaverhead	45.23563	-112.95400
18-02	MBSI-18-02	11/28/2012	Beaverhead	44.62473	-112.80510

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19-01	MBSI-19-01	11/2/2012	Choteau	47.63228	-110.28213
19-02	MBSI-19-02	11/2/2012	Choteau	48.27475	-110.19435
20-01	MBSI-20-01	11/19/2012	Valley	48.37984	-106.57342
20-02	MBSI-20-02	11/19/2012	Valley	48.88077	-106.86103
21-01	MBSI-21-01	11/7/2012	Toole	48.74321	-111.62385
21-02	MBSI-21-02	11/7/2012	Toole	48.66938	-111.92344
22-01	MBSI-22-01 ⁽³⁾	10/22/2012	Big Horn	45.18695	-106.90467
22-02	MBSI-22-02	10/22/2012	Big Horn	45.78382	-107.68815
23-01	MBSI-23-01	10/26/2012	Musselshell	46.40100	-108.29217
23-02	MBSI-23-02	10/26/2012	Musselshell	46.63397	-108.70547
24-01	MBSI-24-01	11/18/2012	Blaine	48.01320	-109.41500
24-02	MBSI-24-02	11/18/2012	Blaine	48.70027	-109.04452
25-01	MBSI-25-01 ⁽³⁾	11/7/2012	Madison	44.88363	-111.98439
25-02	MBSI-25-02	11/6/2012	Madison	45.29046	-112.11507
26-01	MBSI-26-01 ⁽³⁾	11/7/2012	Pondera	48.23589	-112.46653
26-02	MBSI-26-02	11/7/2012	Pondera	48.18018	-111.75270
27-01	MBSI-27-01	11/16/2012	Richland	47.70800	-104.46590
27-02	MBSI-27-02	11/16/2012	Richland	47.95733	-104.93631
28-01	MBSI-28-01	12/1/2012	Powell	46.84187	-112.86141
28-02	MBSI-28-02	12/1/2012	Powell	46.54958	-112.43751
29-01	MBSI-29-01	10/24/2012	Rosebud	45.88203	-106.81997
29-02	MBSI-29-02	10/24/2012	Rosebud	46.71188	-106.57806
30-01	MBSI-30-01	11/28/2012	Deer Lodge	45.93330	-113.12053
30-02	MBSI-30-02 ⁽³⁾	12/2/2012	Deer Lodge	46.19162	-113.14290
31-01	MBSI-31-01	11/7/2012	Teton	47.74169	-112.48475
31-02	MBSI-31-02 ⁽³⁾	11/7/2012	Teton	47.94678	-111.55824
32-01	MBSI-32-01	11/1/2012	Stillwater	45.39612	-109.74739
32-02	MBSI-32-02	11/1/2012	Stillwater	45.97165	-109.18260
33-01	MBSI-33-01	10/25/2012	Treasure	46.04377	-107.31175
33-02	MBSI-33-02	11/14/2012	Treasure	46.35194	-107.36083
34-01	MBSI-34-01	11/20/2012	Sheridan	48.90100	-104.64736
34-02	MBSI-34-02 ⁽³⁾	11/20/2012	Sheridan	48.44565	-104.19415
35-01	MBSI-35-01	11/28/2012	Sanders	47.85718	-115.48344
35-02	MBSI-35-02 ⁽³⁾	11/28/2012	Sanders	47.53700	-114.60940
36-01	MBSI-36-01	11/1/2012	Judith Basin	46.93870	-109.89188
36-02	MBSI-36-02	11/1/2012	Judith Basin	47.14937	-110.49427

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37-01	MBSI-37-01	11/20/2012	Daniels	48.96103	-105.45402
37-02	MBSI-37-02	11/19/2012	Daniels	48.81720	-105.88916
38-01	MBSI-38-01	11/7/2012	Glacier	48.37041	-113.25389
38-02	MBSI-38-02	11/7/2012	Glacier	48.91492	-112.33386
39-01	MBSI-39-01	10/23/2012	Fallon	46.52623	-104.16955
39-02	MBSI-39-02	10/23/2012	Fallon	46.19323	-104.43881
40-01	MBSI-40-01	11/1/2012	Sweet Grass	45.52258	-110.12362
40-02	MBSI-40-02	11/3/2012	Sweet Grass	46.08969	-109.85061
41-01	MBSI-41-01	11/16/2012	McCone	47.55612	-106.11110
41-02	MBSI-41-02	11/16/2012	McCone	47.86897	-105.59581
42-01	MBSI-42-01	10/22/2012	Carter	45.54785	-104.60370
42-02	MBSI-42-02	10/22/2012	Carter	45.13266	-104.54046
43-01	MBSI-43-01	11/29/2012	Broadwater	46.61672	-111.50393
43-02	MBSI-43-02	11/4/2012	Broadwater	45.99038	-111.55549
44-01	MBSI-44-01	11/3/2012	Wheatland	46.27715	-109.98071
44-02	MBSI-44-02	11/3/2012	Wheatland	46.63158	-109.47188
45-01	MBSI-45-01	10/23/2012	Prairie	47.03391	-105.65880
45-02	MBSI-45-02 ⁽³⁾	10/23/2012	Prairie	46.67083	-105.24983
46-01	MBSI-46-01	11/23/2012	Granite	46.23111	-113.55528
46-02	MBSI-46-02	11/23/2012	Granite	46.58361	-113.42889
47-01	MBSI-47-01	11/2/2012	Meagher	46.38831	-110.87886
47-02	MBSI-47-02	11/2/2012	Meagher	46.78672	-110.68305
48-01	MBSI-48-01	11/19/2012	Liberty	48.57729	-111.02209
48-02	MBSI-48-02	11/16/2012	Liberty	48.21973	-110.88744
49-01	MBSI-49-01	11/2/2012	Park	45.92156	-110.49799
49-02	MBSI-49-02	11/2/2012	Park	45.28689	-110.51603
50-01	MBSI-50-01 ⁽³⁾	11/16/2012	Garfield	47.09986	-107.35516
50-02	MBSI-50-02	11/16/2012	Garfield	47.30562	-106.54629
51-01	MBSI-51-01	11/4/2012	Jefferson	46.26180	-112.47982
51-02	MBSI-51-02	11/4/2012	Jefferson	46.19451	-111.92352
52-01	MBSI-52-01	10/23/2012	Wibaux	46.80005	-104.31134
52-02	MBSI-52-02 ⁽³⁾	10/23/2012	Wibaux	47.23016	-104.21310
53-01	MBSI-53-01	11/3/2012	Golden Valley	46.31881	-108.92450
53-02	MBSI-53-02	11/3/2012	Golden Valley	46.54800	-109.21991
54-01	MBSI-54-01	11/28/2012	Mineral	47.28230	-115.20560
54-02	MBSI-54-02	12/3/2012	Mineral	46.96140	-114.66370

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Site ID ⁽¹⁾	Sample ID	Sample Date	County	Latitude ⁽²⁾	Longitude ⁽²⁾
55-01	MBSI-55-01	11/21/2012	Petroleum	46.85007	-108.49579
55-02	MBSI-55-02	11/21/2012	Petroleum	47.18939	-108.35252
56-01	MBSI-56-01	11/15/2012	Lincoln	48.64274	-115.73981
56-02	MBSI-56-02	11/15/2012	Lincoln	48.53257	-115.13951

- NOTES:
- (1) All sampling locations are shown on Figure 2-1.
 - (2) Coordinates in decimal degrees, WGS84 datum.
 - (3) Denotes field duplicate sample collected at this location.