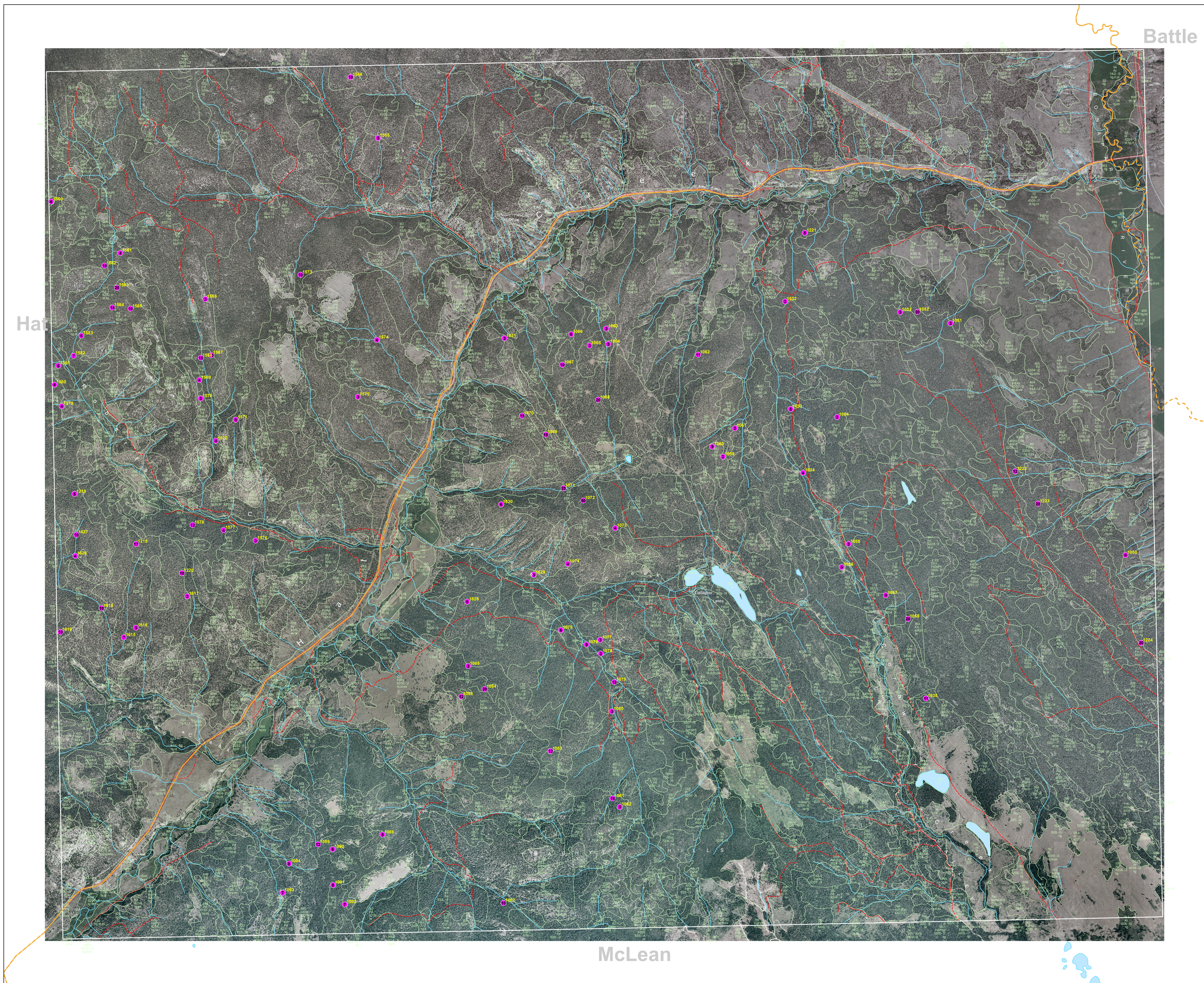




| NODE_NUM | FHF | SEVERITY | SPOT | AREA            | UTM10_X   | UTM10_Y    | LATITUDE   | LONGITUDE   |
|----------|-----|----------|------|-----------------|-----------|------------|------------|-------------|
| 1050     | IBD | O/Y      | 6    | 0.25 With grey  | 612277.83 | 563344.77  | 50°50'30"N | 121°24'19"W |
| 1051     | IBD | O/Y      | 3    | 0.25 No comment | 610033.79 | 5638413.70 | 50°52'38"N | 121°28'10"W |
| 1052     | IBD | O/Y      | 30   | 0.25 No comment | 609610.22 | 5638558.53 | 50°52'13"N | 121°28'32"W |
| 1053     | IBD | O/Y      | 5    | 0.25 No comment | 609388.44 | 5638558.53 | 50°52'13"N | 121°28'43"W |
| 1054     | IBD | O/Y      | 3    | 0.25 No comment | 608581.29 | 5635511.29 | 50°51'30"N | 121°27'28"W |
| 1055     | IBD | O/Y      | 3    | 0.25 No comment | 608729.02 | 5633582.93 | 50°50'37"N | 121°27'20"W |
| 1056     | IBD | O/Y      | 5    | 0.25 With grey  | 608840.38 | 5633287.96 | 50°50'27"N | 121°27'25"W |
| 1057     | IBD | O/Y      | 8    | 0.25 No comment | 602048.87 | 5632053.83 | 50°49'17"N | 121°25'56"W |
| 1058     | IBD | O/Y      | 20   | 0.25 No comment | 609488.26 | 5632624.31 | 50°50'05"N | 121°26'42"W |
| 1059     | IBD | O/Y      | 3    | 0.25 No comment | 607117.62 | 5634703.66 | 50°51'14"N | 121°28'41"W |
| 1060     | IBD | O/Y      | 8    | 0.25 Scattered  | 606861.57 | 5634532.42 | 50°51'17"N | 121°28'48"W |
| 1061     | IBD | O/Y      | 3    | 0.25 With grey  | 607271.04 | 5635067.28 | 50°51'28"N | 121°28'33"W |
| 1062     | IBD | O/Y      | 11   | 0.25 With grey  | 606803.17 | 5636009.70 | 50°51'37"N | 121°28'56"W |
| 1063     | IBD | O/Y      | 3    | 0.25 No comment | 605623.45 | 5636345.04 | 50°52'08"N | 121°29'56"W |
| 1064     | IBD | O/Y      | 5    | 0.25 With grey  | 605648.58 | 5636148.88 | 50°52'02"N | 121°29'55"W |
| 1065     | IBD | O/Y      | 3    | 0.25 No comment | 605407.28 | 5636127.43 | 50°52'01"N | 121°29'07"W |
| 1066     | IBD | O/Y      | 8    | 0.25 Scattered  | 605172.30 | 5636273.49 | 50°52'06"N | 121°30'19"W |
| 1067     | IBD | O/Y      | 10   | 0.25 With grey  | 605059.56 | 5636880.94 | 50°51'54"N | 121°30'25"W |
| 1068     | IBD | O/Y      | 20   | 0.25 With grey  | 605518.78 | 5635432.12 | 50°51'37"N | 121°30'02"W |
| 1069     | IBD | O/Y      | 10   | 0.25 Scattered  | 604846.64 | 5634986.02 | 50°51'25"N | 121°30'37"W |
| 1070     | IBD | O/Y      | 15   | 0.25 Scattered  | 604543.85 | 5635021.51 | 50°51'31"N | 121°30'52"W |
| 1071     | IBD | O/Y      | 25   | 0.25 With grey  | 605074.21 | 5634500.06 | 50°51'33"N | 121°30'26"W |
| 1072     | IBD | O/Y      | 50   | 0.50 With grey  | 605327.60 | 5634141.48 | 50°50'57"N | 121°30'13"W |
| 1073     | IBD | O/Y      | 4    | 0.25 No comment | 605735.99 | 5633787.40 | 50°50'46"N | 121°30'23"W |
| 1074     | IBD | O/Y      | 4    | 0.25 With grey  | 605128.61 | 5633329.79 | 50°50'31"N | 121°30'24"W |
| 1075     | IBD | O/Y      | 6    | 0.25 With grey  | 605400.54 | 5632479.39 | 50°50'24"N | 121°30'29"W |
| 1076     | IBD | O/Y      | 9    | 0.25 No comment | 605369.21 | 5632284.52 | 50°49'57"N | 121°30'13"W |
| 1077     | IBD | O/Y      | 3    | 0.25 No comment | 605545.70 | 5632355.24 | 50°49'59"N | 121°30'04"W |
| 1078     | IBD | O/Y      | 3    | 0.25 No comment | 605551.51 | 5632178.44 | 50°49'54"N | 121°30'04"W |
| 1079     | IBD | O/Y      | 15   | 0.25 No comment | 605726.85 | 5633184.00 | 50°49'42"N | 121°30'25"W |
| 1080     | IBD | O/Y      | 3    | 0.25 With grey  | 605684.79 | 5631438.73 | 50°49'30"N | 121°30'27"W |
| 1081     | IBD | O/Y      | 16   | 0.25 With grey  | 605702.15 | 5632032.64 | 50°49'37"N | 121°30'25"W |
| 1082     | IBD | O/Y      | 5    | 0.25 No comment | 605796.31 | 5630212.92 | 50°48'50"N | 121°30'23"W |
| 1083     | IBD | O/Y      | 12   | 0.25 With grey  | 604908.55 | 5630929.24 | 50°49'14"N | 121°30'38"W |
| 1084     | IBD | O/Y      | 20   | 0.25 With grey  | 604063.88 | 5631233.60 | 50°49'30"N | 121°31'02"W |
| 1085     | IBD | O/Y      | 3    | 0.25 No comment | 603851.72 | 5632018.64 | 50°49'50"N | 121°31'31"W |
| 1086     | IBD | O/Y      | 12   | 0.25 No comment | 603744.22 | 5631628.24 | 50°49'37"N | 121°31'36"W |
| 1087     | IBD | O/Y      | 10   | 0.25 With grey  | 604303.89 | 5629861.32 | 50°48'17"N | 121°31'11"W |
| 1088     | IBD | O/Y      | 5    | 0.25 With grey  | 602754.43 | 5629858.18 | 50°48'40"N | 121°32'29"W |
| 1089     | IBD | O/Y      | 12   | 0.25 With grey  | 601928.78 | 5629732.53 | 50°48'37"N | 121°32'11"W |
| 1090     | IBD | O/Y      | 6    | 0.25 With grey  | 602115.05 | 5629671.26 | 50°48'37"N | 121°32'02"W |
| 1091     | IBD | O/Y      | 8    | 0.25 With grey  | 602119.65 | 5629211.85 | 50°48'20"N | 121°32'02"W |
| 1092     | IBD | O/Y      | 7    | 0.25 With grey  | 602271.15 | 5629662.83 | 50°48'27"N | 121°32'02"W |
| 1093     | IBD | O/Y      | 7    | 0.25 With grey  | 601474.30 | 5629112.56 | 50°48'17"N | 121°33'35"W |
| 1094     | IBD | O/Y      | 8    | 0.25 No comment | 601555.51 | 5629486.26 | 50°48'29"N | 121°33'31"W |
| 1218     | IBD | O/Y      | 5    | 0.25 With grey  | 598854.87 | 5634242.91 | 50°51'34"N | 121°35'07"W |
| 1219     | IBD | O/Y      | 17   | 0.25 With grey  | 599584.87 | 5633584.12 | 50°50'43"N | 121°35'07"W |
| 1220     | IBD | O/Y      | 10   | 0.25 With grey  | 600184.86 | 5633210.79 | 50°50'30"N | 121°34'37"W |
| 1221     | IBD | O/Y      | 5    | 0.25 With grey  | 608168.86 | 5637572.09 | 50°52'46"N | 121°27'44"W |
| 1222     | IBD | O/Y      | 12   | 0.25 No comment | 610864.42 | 5634515.53 | 50°51'06"N | 121°26'30"W |
| 1223     | IBD | O/Y      | 20   | 0.25 Scattered  | 611155.10 | 5634098.86 | 50°50'52"N | 121°25'15"W |
| 1224     | IBD | O/Y      | 20   | 0.25 With grey  | 612478.44 | 5632315.85 | 50°49'53"N | 121°24'10"W |
| 1546     | IBD | O/Y      | 10   | 0.25 With grey  | 602346.50 | 5639569.73 | 50°53'55"N | 121°32'40"W |
| 1555     | IBD | O/Y      | 5    | 0.25 With grey  | 602086.57 | 5638787.36 | 50°53'39"N | 121°32'23"W |
| 1560     | IBD | O/Y      | 6    | 0.25 With grey  | 598508.10 | 5637972.24 | 50°53'06"N | 121°35'58"W |
| 1561     | IBD | O/Y      | 4    | 0.25 With grey  | 599383.10 | 5637313.82 | 50°52'44"N | 121°35'13"W |
| 1562     | IBD | O/Y      | 10   | 0.25 With grey  | 599182.40 | 5637150.85 | 50°52'38"N | 121°35'24"W |
| 1563     | IBD | O/Y      | 20   | 0.25 With grey  | 599351.96 | 5636889.05 | 50°52'29"N | 121°35'16"W |
| 1564     | IBD | O/Y      | 15   | 0.25 With grey  | 599202.07 | 5636614.70 | 50°52'21"N | 121°35'19"W |
| 1565     | IBD | O/Y      | 10   | 0.25 With grey  | 599524.05 | 5636301.33 | 50°52'17"N | 121°35'07"W |
| 1566     | IBD | O/Y      | 3    | 0.25 No comment | 600483.57 | 5636723.15 | 50°52'24"N | 121°34'18"W |
| 1567     | IBD | O/Y      | 13   | 0.25 No comment | 600650.52 | 5636003.18 | 50°52'07"N | 121°34'15"W |
| 1568     | IBD | O/Y      | 15   | 0.25 With grey  | 600424.34 | 5635969.16 | 50°52'03"N | 121°34'22"W |
| 1569     | IBD | O/Y      | 4    | 0.25 With grey  | 600405.53 | 5635685.32 | 50°51'50"N | 121°34'23"W |
| 1570     | IBD | O/Y      | 3    | 0.25 With grey  | 600423.33 | 5635449.01 | 50°51'43"N | 121°34'23"W |
| 1571     | IBD | O/Y      | 6    | 0.25 With grey  | 600874.09 | 5635177.53 | 50°51'34"N | 121°34'00"W |
| 1572     | IBD | O/Y      | 4    | 0.25 With grey  | 600617.20 | 5634908.38 | 50°51'25"N | 121°34'13"W |
| 1573     | IBD | O/Y      | 10   | 0.25 With grey  | 601703.05 | 5637034.41 | 50°52'33"N | 121°33'15"W |
| 1574     | IBD | O/Y      | 4    | 0.25 With grey  | 602882.22 | 5636200.03 | 50°52'06"N | 121°32'26"W |
| 1575     | IBD | O/Y      | 3    | 0.25 With grey  | 602499.22 | 5635470.83 | 50°51'42"N | 121°32'39"W |
| 1576     | IBD | O/Y      | 3    | 0.25 No comment | 601127.70 | 5633627.03 | 50°50'45"N | 121°33'48"W |
| 1577     | IBD | O/Y      | 4    | 0.25 Scattered  | 600716.12 | 5633761.70 | 50°50'48"N | 121°34'09"W |
| 1578     | IBD | O/Y      | 12   | 0.25 Scattered  | 600202.30 | 5633026.76 | 50°50'30"N | 121°34'29"W |
| 1579     | IBD | O/Y      | 4    | 0.25 No comment | 598642.41 | 5633550.62 | 50°51'41"N | 121°35'54"W |
| 1580     | IBD | O/Y      | 4    | 0.25 Scattered  | 598550.85 | 5635626.61 | 50°51'50"N | 121°35'58"W |
| 1581     | IBD | O/Y      | 6    | 0.25 With grey  | 598507.81 | 5635869.61 | 50°51'57"N | 121°35'55"W |
| 1582     | IBD | O/Y      | 7    | 0.25 With grey  | 598795.55 | 5635906.58 | 50°52'01"N | 121°35'45"W |
| 1583     | IBD | O/Y      | 5    | 0.25 With grey  | 598844.58 | 5636254.85 | 50°52'10"N | 121°35'40"W |
| 1584     | IBD | O/Y      | 7    | 0.25 With grey  | 599439.88 | 5632386.18 | 50°50'04"N | 121°35'16"W |
| 1616     | IBD | O/Y      | 5    | 0.25 With grey  | 599593.97 | 5632509.73 | 50°50'08"N | 121°35'08"W |
| 1617     | IBD | O/Y      | 3    | 0.25 With grey  | 600251.81 | 5632913.45 | 50°50'21"N | 121°34'34"W |
| 1618     | IBD | O/Y      | 10   | 0.25 With grey  | 599153.01 | 5632760.02 | 50°50'16"N | 121°35'30"W |
| 1619     | IBD | O/Y      | 10   | 0.25 Scattered  | 598625.91 | 5632454.86 | 50°50'07"N | 121°35'57"W |
| 1628     | IBD | O/Y      | 4    | 0.25 With grey  | 598816.74 | 5633430.55 | 50°50'38"N | 121°35'47"W |
| 1629     | IBD | O/Y      | 10   | 0.25 With grey  | 598831.38 | 5633702.58 | 50°50'47"N | 121°35'46"W |
| 1628     | IBD | O/Y      | 5    | 0.25 No comment | 603840.40 | 5632844.41 | 50°50'16"N | 121°31'30"W |
| 1629     | IBD | O/Y      | 3    | 0.25 With grey  | 604692.66 | 5633188.53 | 50°50'27"N | 121°32'46"W |
| 1630     | IBD | O/Y      | 6    | 0.25 With grey  | 604273.85 | 5634092.14 | 50°50'56"N | 121°31'07"W |
| 1631     | IBD | O/Y      | 3    | 0.25 With grey  | 604317.47 | 5636221.24 | 50°52'05"N | 121°31'03"W |
| 1632     | IBD | O/Y      | 3    | 0.25 With grey  | 607913.15 | 5636693.19 | 50°52'16"N | 121°27'58"W |
| 1633     | IBD | O/Y      | 5    | 0.25 With grey  | 607985.36 | 5635314.87 | 50°51'33"N | 121°27'56"W |
| 1634     | IBD | O/Y      | 4    | 0.25 With grey  | 608144.83 | 5634486.61 | 50°51'17"N | 121°27'49"W |
| 1635     | IBD | O/Y      | 11   | 0.25 No comment | 609720.31 | 5631604.01 | 50°48'52"N | 121°25'31"W |
| Total    |     |          |      |                 | 805       | 23.6       |            |             |



**2007 Forest Health Detailed Aerial Detection & Mapping of Bark Beetle Infestations**

**Mapsheets: 0921.083 Hat/McLean**

**Kamloops Forest District Kamloops TSA**

Single Trees

- IBD (Douglas-fir beetle)
- IBS (Spruce bark beetle)

Bark Beetle Damage Forest Health Factor

- IBD (Douglas-fir beetle)
- IBS (Spruce bark beetle)

Administration Boundaries

- Beetle Management Units
- Forest District Boundaries

Site No. No. of Attacked Trees

0 200 400 600 800 1,000 Meters

1:20,000

**Mapsheets: 0921.083**

NAD83, UTM Zone 10

Checked by: Rita Zep, Ben Turner

Flight Dates: August 10-August 13, 2007

Map Date: August 30, 2007

Contact Number: 800786001

Drawn by: Heather Zhang

**TERRAPRO**

**SPATIAL MAPPING LTD.**