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VANCOUVER, B.C.

2005 GEOLOGICAL REPORT

FOR THE
IRON RANGE PROPERTY

RECEIVED
GOVERNMENT AGENT
CRANBROOK
DEC 23 2005
NOT AN OFFICIAL RECEIPT
TRANS #.....

Nelson / Fort Steele Mining Division, Southeastern B.C.
Mapsheets 82F018, 82F019
Latitude 49°12'N, Longitude 116°24'W
NTS 6832001 N / 633500E

**VOLUME III
APPENDICES**

**APPENDIX IV ANALYTICAL RESULTS
APPENDIX V SAMPLE LOCATIONS AND DESCRI**

Prepared for

EAGLE PLAINS RESOURCES LTD.
200-16 11th Ave. S.
Cranbrook, B.C., VIC 2P1
Tel: 1 250 426-0749 Fax: 1 250 426-6899
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by

C.C. Downie, P.Geo
Exploration Manager, Eagle Plains Resources Ltd.
Cranbrook B.C., Canada

and

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3206 6th St. S.
Cranbrook B.C., Canada

December 23, 2005



82F018
2005
Vol III

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EAGLE PLAINS RESOURCES LTD.
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C.C. Downie, P.Geo
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3206 6th St. S.
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December 23, 2005



APPENDIX IV

ANALYTICAL RESULTS

- 4.1 2004 Analytical results**
 - 4.1.1 Soil sample results**
 - 4.1.2 Silt sample results**
 - 4.1.3 Diamond drill sample results**
- 4.2 2005 Analytical results**
 - 4.2.1 Soil sample results**
 - 4.2.2 Rock sample results**
 - 4.2.3 Silt sample results**
 - 4.2.4 Diamond drill sample results**

4.1 2004 Analytical results

Appendix 4.1.1 Soil sample results

28-May-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2004-336

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 332
Sample type: Soil
Project #: None Given
Shipment #: None Given

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|-------------|---------|------|------|----|-----|----|------|----|----|-----|----|------|----|------|------|----|-------|-----|------|----|----|-----|----|------|-----|----|-----|----|-----|
| 1 | IR4L1 0+00 | <5 | 0.6 | 1.19 | <5 | 285 | <5 | 0.21 | <1 | 11 | 18 | 9 | 1.87 | 10 | 0.23 | 1327 | <1 | <0.01 | 15 | 1710 | 16 | <5 | <20 | 13 | 0.06 | <10 | 4 | <10 | 4 | 98 |
| 2 | IR4L1 0+25E | <5 | 0.5 | 1.18 | 15 | 125 | <5 | 0.11 | <1 | 14 | 21 | 17 | 2.47 | 10 | 0.42 | 335 | <1 | <0.01 | 14 | 380 | 12 | <5 | <20 | 5 | 0.07 | <10 | 21 | <10 | 5 | 58 |
| 3 | IR4L1 0+50E | <5 | 0.4 | 1.59 | <5 | 205 | 5 | 0.14 | <1 | 16 | 20 | 16 | 2.78 | 10 | 0.40 | 541 | <1 | <0.01 | 17 | 380 | 14 | 5 | <20 | 10 | 0.10 | <10 | 12 | <10 | 7 | 92 |
| 4 | IR4L1 0+75E | <5 | 0.4 | 2.58 | 5 | 285 | 10 | 0.18 | <1 | 32 | 32 | 46 | 6.20 | 20 | 0.87 | 591 | 2 | <0.01 | 13 | 300 | 14 | <5 | <20 | 13 | 0.26 | <10 | 42 | <10 | 13 | 122 |
| 5 | IR4L1 1+00E | <5 | 0.6 | 2.64 | 15 | 405 | 5 | 0.12 | <1 | 21 | 25 | 33 | 3.94 | 20 | 0.47 | 838 | 1 | <0.01 | 23 | 1630 | 16 | <5 | <20 | 10 | 0.16 | <10 | 5 | <10 | 14 | 141 |
| 6 | IR4L1 1+25E | <5 | 0.2 | 2.65 | 10 | 295 | 5 | 0.12 | <1 | 17 | 22 | 30 | 3.07 | 30 | 0.35 | 427 | 1 | <0.01 | 17 | 1670 | 16 | <5 | <20 | 8 | 0.14 | <10 | <1 | <10 | 24 | 121 |
| 7 | IR4L1 1+50E | <5 | 0.2 | 2.25 | <5 | 395 | 10 | 0.13 | <1 | 17 | 22 | 15 | 3.42 | 20 | 0.41 | 1031 | 1 | <0.01 | 17 | 1800 | 14 | <5 | <20 | 11 | 0.15 | <10 | 7 | <10 | 9 | 121 |
| 8 | IR4L1 1+75E | <5 | 0.2 | 2.63 | 5 | 375 | 10 | 0.21 | <1 | 17 | 24 | 16 | 3.22 | 20 | 0.36 | 571 | <1 | <0.01 | 22 | 2820 | 16 | <5 | <20 | 14 | 0.13 | <10 | 7 | <10 | 8 | 119 |
| 9 | IR4L1 2+00E | <5 | 0.5 | 1.91 | <5 | 400 | 10 | 0.13 | <1 | 13 | 19 | 12 | 2.39 | 10 | 0.25 | 693 | 1 | <0.01 | 17 | 2630 | 14 | 5 | <20 | 10 | 0.09 | <10 | 3 | <10 | 7 | 110 |
| 10 | IR4L1 0+25W | <5 | 0.3 | 2.82 | <5 | 210 | 5 | 0.15 | <1 | 15 | 21 | 20 | 2.44 | 20 | 0.26 | 494 | 1 | <0.01 | 24 | 1190 | 14 | <5 | <20 | 14 | 0.12 | <10 | <1 | <10 | 11 | 87 |
| 11 | IR4L1 0+50W | <5 | 0.2 | 2.69 | 10 | 245 | 5 | 0.19 | <1 | 14 | 22 | 19 | 2.57 | 20 | 0.27 | 467 | <1 | <0.01 | 25 | 2310 | 12 | 5 | <20 | 18 | 0.06 | <10 | <1 | <10 | 8 | 86 |
| 12 | IR4L1 0+75W | <5 | 0.3 | 1.46 | <5 | 220 | <5 | 0.07 | <1 | 11 | 17 | 16 | 1.89 | 10 | 0.20 | 493 | <1 | <0.01 | 17 | 780 | 12 | <5 | <20 | 5 | 0.06 | <10 | 8 | <10 | 4 | 68 |
| 13 | IR4L1 1+00W | <5 | 0.3 | 1.10 | <5 | 145 | <5 | 0.12 | <1 | 9 | 16 | 6 | 1.94 | 10 | 0.20 | 264 | <1 | <0.01 | 13 | 1000 | 10 | <5 | <20 | 9 | 0.03 | <10 | 11 | <10 | 4 | 72 |
| 14 | IR4L1 1+25W | <5 | 0.4 | 2.11 | <5 | 295 | 5 | 0.14 | <1 | 12 | 18 | 13 | 2.06 | 10 | 0.20 | 1004 | <1 | <0.01 | 23 | 630 | 12 | <5 | <20 | 12 | 0.10 | <10 | <1 | <10 | 6 | 80 |
| 15 | IR4L1 1+50W | <5 | <0.2 | 1.76 | <5 | 245 | <5 | 0.13 | <1 | 12 | 19 | 14 | 2.20 | 20 | 0.22 | 506 | <1 | <0.01 | 21 | 1900 | 12 | <5 | <20 | 11 | 0.08 | <10 | 1 | <10 | 6 | 89 |
| 16 | IR4L1 1+75W | <5 | 0.3 | 1.49 | <5 | 225 | 5 | 0.13 | <1 | 11 | 18 | 14 | 2.04 | 20 | 0.24 | 542 | <1 | <0.01 | 21 | 1420 | 15 | <5 | <20 | 11 | 0.06 | <10 | 6 | <10 | 6 | 98 |
| 17 | IR4L1 2+00W | <5 | 0.5 | 2.12 | 5 | 210 | 5 | 0.24 | <1 | 12 | 19 | 13 | 2.05 | 10 | 0.22 | 1041 | <1 | <0.01 | 25 | 3100 | 14 | <5 | <20 | 14 | 0.09 | <10 | <1 | <10 | 6 | 136 |
| 18 | IR4L2 0+00 | <5 | 0.2 | 1.75 | 5 | 270 | <5 | 0.26 | <1 | 14 | 24 | 13 | 2.51 | 10 | 0.35 | 780 | <1 | <0.01 | 20 | 790 | 22 | <5 | <20 | 14 | 0.08 | <10 | 6 | <10 | 6 | 140 |
| 19 | IR4L2 0+25W | <5 | <0.2 | 2.19 | 10 | 285 | 5 | 0.26 | <1 | 13 | 21 | 13 | 2.28 | 20 | 0.26 | 652 | 2 | <0.01 | 22 | 3080 | 14 | <5 | <20 | 17 | 0.09 | <10 | <1 | <10 | 8 | 142 |
| 20 | IR4L2 0+50W | 5 | 0.2 | 2.74 | 10 | 175 | <5 | 0.23 | <1 | 19 | 39 | 52 | 3.06 | 40 | 0.47 | 216 | 1 | <0.01 | 39 | 1150 | 26 | <5 | <20 | 12 | 0.12 | <10 | <1 | <10 | 37 | 176 |
| 21 | IR4L2 0+75W | <5 | 0.2 | 2.98 | 10 | 330 | <5 | 0.44 | <1 | 21 | 50 | 35 | 3.54 | 20 | 0.65 | 562 | <1 | <0.01 | 43 | 4090 | 20 | <5 | <20 | 22 | 0.09 | <10 | <1 | <10 | 11 | 211 |
| 22 | IR4L2 1+00W | <5 | 0.3 | 3.46 | 10 | 310 | 10 | 0.68 | <1 | 40 | 134 | 57 | 5.79 | 30 | 1.36 | 1252 | <1 | <0.01 | 122 | 3930 | 22 | <5 | <20 | 46 | 0.14 | <10 | 36 | <10 | 17 | 321 |
| 23 | IR4L2 1+25W | <5 | 0.2 | 3.71 | 20 | 415 | 10 | 0.86 | <1 | 66 | 246 | 73 | 7.82 | 50 | 1.88 | 4815 | <1 | <0.01 | 222 | 4910 | 30 | 10 | <20 | 57 | 0.15 | <10 | 98 | <10 | 30 | 292 |
| 24 | IR4L2 1+50W | <5 | 0.4 | 2.23 | 5 | 335 | <5 | 0.48 | <1 | 33 | 60 | 37 | 4.70 | 20 | 0.72 | 2260 | <1 | <0.01 | 56 | 2320 | 16 | 5 | <20 | 31 | 0.09 | <10 | 57 | <10 | 14 | 308 |
| 25 | IR4L2 1+75W | <5 | 0.3 | 1.83 | 15 | 275 | <5 | 0.37 | <1 | 18 | 28 | 20 | 2.86 | 20 | 0.33 | 1429 | <1 | <0.01 | 27 | 1010 | 26 | <5 | <20 | 18 | 0.07 | <10 | 9 | <10 | 9 | 190 |
| 26 | IR4L2 2+00W | <5 | 0.2 | 1.88 | 20 | 215 | <5 | 0.45 | <1 | 24 | 31 | 22 | 3.30 | 30 | 0.35 | 1621 | <1 | <0.01 | 27 | 1670 | 40 | <5 | <20 | 15 | 0.07 | <10 | 10 | <10 | 17 | 282 |
| 27 | IR4L2 2+25W | <5 | 0.3 | 1.47 | 15 | 210 | 5 | 0.31 | <1 | 13 | 22 | 8 | 2.53 | 10 | 0.24 | 748 | <1 | <0.01 | 19 | 1240 | 40 | 5 | <20 | 12 | 0.07 | <10 | 7 | <10 | 4 | 305 |
| 28 | IR4L2 2+50W | <5 | 0.2 | 2.63 | 10 | 165 | <5 | 0.26 | <1 | 21 | 33 | 19 | 2.91 | 20 | 0.38 | 516 | 1 | 0.01 | 25 | 830 | 36 | <5 | <20 | 7 | 0.10 | <10 | 10 | <10 | 15 | 161 |
| 29 | IR4L2 2+75W | <5 | <0.2 | 2.20 | 10 | 290 | 5 | 1.00 | <1 | 20 | 28 | 25 | 2.97 | 20 | 0.42 | 1591 | <1 | <0.01 | 24 | 3560 | 28 | <5 | <20 | 30 | 0.06 | <10 | 14 | <10 | 10 | 119 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---------|-------|---------|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|
| GEO '04 | | 135 | 1.5 | 1.43 | 55 | 135 | <5 | 1.45 | <1 | 19 | 54 | 82 | 3.21 | <10 | 0.85 | 573 | <1 | 0.01 | 27 | 760 | 22 | 5 | <20 | 55 | 0.07 | <10 | 54 | <10 | 6 | 78 |
| GEO '04 | | 135 | 1.4 | 1.50 | 55 | 130 | <5 | 1.47 | <1 | 17 | 56 | 84 | 3.30 | 10 | 0.87 | 570 | <1 | 0.02 | 28 | 770 | 22 | <5 | <20 | 58 | 0.08 | <10 | 61 | <10 | 6 | 78 |
| GEO '04 | | 140 | 1.6 | 1.57 | 55 | 135 | <5 | 1.53 | <1 | 18 | 57 | 83 | 3.37 | <10 | 0.90 | 591 | <1 | 0.02 | 28 | 650 | 24 | <5 | <20 | 50 | 0.10 | <10 | 61 | <10 | 9 | 73 |
| GEO '04 | | 135 | 1.4 | 1.61 | 60 | 145 | <5 | 1.56 | <1 | 19 | 58 | 86 | 3.49 | <10 | 0.92 | 605 | <1 | 0.02 | 29 | 660 | 22 | <5 | <20 | 50 | 0.09 | <10 | 61 | <10 | 10 | 72 |
| GEO '04 | | 130 | 1.4 | 1.59 | 55 | 130 | <5 | 1.48 | <1 | 19 | 58 | 81 | 3.35 | <10 | 0.89 | 579 | <1 | 0.02 | 30 | 620 | 22 | <5 | <20 | 50 | 0.10 | <10 | 59 | <10 | 10 | 70 |
| GEO '04 | | 130 | 1.6 | 1.57 | 55 | 135 | <5 | 1.48 | <1 | 18 | 57 | 82 | 3.35 | 10 | 0.89 | 579 | <1 | 0.02 | 29 | 620 | 22 | <5 | <20 | 59 | 0.09 | <10 | 54 | <10 | 9 | 73 |

JJ/kk
df/336a/336/316a/336b
XLS/04

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

3-Jun-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2004-358

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 334
Sample type: Soil
Project #: Iron Range
Shipment #: IRO4-02

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|---------------|---------|------|------|----|-----|----|------|----|----|----|----|------|----|------|------|----|-------|---------|----|----|-----|----|-------|------|----|-----|----|-----|----|
| 1 | IR4L16 00+25N | 10 | <0.2 | 2.57 | 20 | 180 | <5 | 0.14 | <1 | 11 | 17 | 21 | 1.87 | 10 | 0.20 | 667 | <1 | 0.01 | 23 1600 | 20 | <5 | <20 | 17 | 0.11 | <10 | <1 | <10 | 7 | 103 | |
| 2 | IR4L16 00+50N | 10 | <0.2 | 2.74 | 25 | 250 | <5 | 0.25 | <1 | 13 | 28 | 24 | 2.17 | 20 | 0.34 | 242 | <1 | 0.01 | 29 1450 | 18 | <5 | <20 | 28 | 0.11 | <10 | <1 | <10 | 9 | 107 | |
| 3 | IR4L16 00+75N | 10 | <0.2 | 2.84 | 15 | 265 | <5 | 0.33 | <1 | 11 | 16 | 12 | 1.72 | 10 | 0.17 | 552 | 2 | 0.02 | 23 3050 | 18 | <5 | <20 | 33 | 0.12 | <10 | <1 | <10 | 9 | 156 | |
| 4 | IR4L16 01+00N | 10 | <0.2 | 0.98 | 10 | 225 | <5 | 0.23 | <1 | 10 | 13 | 11 | 1.58 | 20 | 0.20 | 1185 | <1 | <0.01 | 13 580 | 20 | <5 | <20 | 18 | 0.05 | <10 | 8 | <10 | 4 | 72 | |
| 5 | IR4L16 01+25N | 5 | <0.2 | 2.57 | 20 | 180 | <5 | 0.24 | <1 | 11 | 17 | 19 | 1.91 | 20 | 0.22 | 168 | <1 | 0.02 | 25 1330 | 18 | <5 | <20 | 27 | 0.11 | <10 | <1 | <10 | 10 | 84 | |
| 6 | IR4L16 01+50N | 5 | <0.2 | 1.78 | 10 | 200 | <5 | 0.18 | <1 | 12 | 19 | 15 | 2.12 | 20 | 0.31 | 266 | <1 | <0.01 | 22 670 | 16 | <5 | <20 | 17 | 0.06 | <10 | 9 | <10 | 5 | 107 | |
| 7 | IR4L16 01+75N | 5 | <0.2 | 1.31 | 5 | 135 | <5 | 0.13 | <1 | 11 | 17 | 21 | 2.10 | 20 | 0.33 | 192 | <1 | <0.01 | 20 650 | 20 | <5 | <20 | 13 | 0.05 | <10 | 18 | <10 | 4 | 79 | |
| 8 | IR4L16 02+00N | 10 | 0.2 | 2.39 | 10 | 195 | <5 | 0.19 | <1 | 11 | 17 | 12 | 1.82 | 10 | 0.23 | 489 | <1 | 0.01 | 23 1680 | 20 | <5 | <20 | 20 | 0.10 | <10 | <1 | <10 | 5 | 150 | |
| 9 | IR4L16 02+25N | 5 | <0.2 | 2.15 | 10 | 185 | <5 | 0.10 | <1 | 13 | 20 | 20 | 2.25 | 20 | 0.32 | 323 | <1 | <0.01 | 28 1060 | 20 | <5 | <20 | 10 | 0.08 | <10 | 4 | <10 | 7 | 128 | |
| 10 | IR4L16 02+50N | 5 | <0.2 | 2.53 | 5 | 200 | <5 | 0.15 | <1 | 11 | 18 | 19 | 2.04 | 20 | 0.26 | 193 | <1 | <0.01 | 24 1590 | 20 | <5 | <20 | 16 | 0.09 | <10 | <1 | <10 | 7 | 116 | |
| 11 | IR4L16 02+75N | 5 | <0.2 | 2.80 | 5 | 175 | <5 | 0.18 | <1 | 14 | 21 | 18 | 2.40 | 20 | 0.25 | 306 | <1 | <0.01 | 39 1500 | 20 | <5 | <20 | 18 | 0.10 | <10 | <1 | <10 | 6 | 207 | |
| 12 | IR4L16 03+00N | 10 | <0.2 | 4.18 | 15 | 190 | <5 | 0.28 | <1 | 13 | 19 | 19 | 2.14 | 20 | 0.19 | 405 | 2 | 0.02 | 35 4300 | 14 | <5 | <20 | 31 | 0.17 | <10 | <1 | <10 | 11 | 166 | |
| 13 | IR4L16 03+25N | 5 | <0.2 | 2.17 | 10 | 185 | <5 | 0.17 | <1 | 12 | 17 | 16 | 2.13 | 20 | 0.24 | 246 | <1 | <0.01 | 30 1580 | 16 | <5 | <20 | 19 | 0.08 | <10 | <1 | <10 | 5 | 131 | |
| 14 | IR4L16 03+50N | 5 | <0.2 | 2.00 | 10 | 175 | <5 | 0.20 | <1 | 11 | 17 | 14 | 1.89 | 20 | 0.25 | 377 | <1 | <0.01 | 29 660 | 20 | <5 | <20 | 22 | 0.08 | <10 | <1 | <10 | 8 | 118 | |
| 15 | IR4L16 03+75N | 5 | <0.2 | 2.38 | 15 | 200 | <5 | 0.14 | <1 | 13 | 19 | 22 | 2.28 | 30 | 0.24 | 510 | <1 | <0.01 | 28 1190 | 20 | <5 | <20 | 17 | 0.09 | <10 | <1 | <10 | 13 | 110 | |
| 16 | IR4L16 04+00N | 5 | 0.2 | 2.64 | 10 | 185 | <5 | 0.12 | <1 | 11 | 17 | 15 | 2.00 | 20 | 0.23 | 221 | 2 | 0.01 | 25 1270 | 18 | <5 | <20 | 14 | 0.11 | <10 | <1 | <10 | 7 | 100 | |
| 17 | IR4L16 04+25N | 10 | <0.2 | 1.72 | 10 | 160 | <5 | 0.13 | <1 | 12 | 16 | 15 | 2.05 | 20 | 0.23 | 283 | <1 | <0.01 | 20 790 | 18 | <5 | <20 | 14 | 0.06 | <10 | 7 | <10 | 4 | 67 | |
| 18 | IR4L16 04+50N | 15 | <0.2 | 1.61 | 15 | 160 | <5 | 0.17 | <1 | 12 | 16 | 16 | 1.98 | 20 | 0.23 | 492 | <1 | <0.01 | 22 810 | 18 | <5 | <20 | 19 | 0.06 | <10 | 5 | <10 | 6 | 77 | |
| 19 | IR4L16 04+75N | 5 | <0.2 | 3.35 | 10 | 285 | <5 | 0.23 | <1 | 14 | 19 | 18 | 2.17 | 20 | 0.22 | 1051 | 2 | 0.02 | 30 1880 | 14 | 5 | <20 | 25 | 0.17 | <10 | <1 | <10 | 15 | 157 | |
| 20 | IR4L16 05+00N | 10 | <0.2 | 2.30 | 5 | 190 | <5 | 0.11 | <1 | 17 | 21 | 25 | 2.65 | 20 | 0.32 | 685 | <1 | <0.01 | 27 930 | 16 | <5 | <20 | 12 | 0.09 | <10 | <1 | <10 | 9 | 118 | |
| 21 | IR4L16 05+25N | 5 | <0.2 | 4.57 | 15 | 165 | <5 | 0.32 | <1 | 16 | 20 | 28 | 2.34 | 30 | 0.22 | 228 | 2 | 0.02 | 39 1090 | 16 | <5 | <20 | 30 | 0.18 | <10 | <1 | <10 | 25 | 171 | |
| 22 | IR4L16 05+50N | 5 | <0.2 | 2.57 | 10 | 270 | <5 | 0.18 | <1 | 11 | 17 | 12 | 1.96 | 10 | 0.19 | 787 | 2 | 0.01 | 19 2020 | 14 | <5 | <20 | 27 | 0.12 | <10 | <1 | <10 | 6 | 90 | |
| 23 | IR4L16 05+75N | 5 | <0.2 | 3.29 | 15 | 180 | <5 | 0.16 | <1 | 12 | 19 | 17 | 2.14 | 10 | 0.20 | 451 | 2 | 0.01 | 22 1730 | 14 | <5 | <20 | 18 | 0.13 | <10 | <1 | <10 | 7 | 93 | |
| 24 | IR4L16 06+00N | 5 | <0.2 | 3.32 | 10 | 255 | <5 | 0.32 | <1 | 11 | 18 | 16 | 2.00 | 10 | 0.20 | 682 | 2 | 0.01 | 23 1580 | 20 | <5 | <20 | 30 | 0.14 | <10 | <1 | <10 | 8 | 82 | |
| 25 | IR4L16 06+25N | 5 | <0.2 | 1.49 | 5 | 345 | <5 | 0.16 | <1 | 10 | 14 | 10 | 1.60 | 20 | 0.18 | 1028 | <1 | <0.01 | 16 1780 | 18 | <5 | <20 | 24 | 0.06 | <10 | 4 | <10 | 4 | 133 | |
| 26 | IR4L16 06+50N | 5 | <0.2 | 1.82 | 15 | 185 | <5 | 0.23 | <1 | 11 | 17 | 14 | 2.16 | 20 | 0.23 | 542 | <1 | <0.01 | 15 920 | 18 | <5 | <20 | 22 | 0.08 | <10 | 6 | <10 | 4 | 94 | |
| 27 | IR4L16 06+75N | 5 | <0.2 | 0.92 | 5 | 65 | <5 | 0.12 | <1 | 8 | 15 | 15 | 1.81 | 20 | 0.28 | 158 | <1 | <0.01 | 12 190 | 16 | <5 | <20 | 8 | 0.03 | <10 | 19 | <10 | 3 | 41 | |
| 28 | IR4L16 07+00N | 5 | <0.2 | 1.02 | 5 | 90 | <5 | 0.10 | <1 | 9 | 16 | 15 | 1.94 | 20 | 0.26 | 131 | <1 | <0.01 | 15 220 | 20 | <5 | <20 | 10 | 0.03 | <10 | 17 | <10 | 3 | 47 | |
| 29 | IR4L16 07+25N | 5 | <0.2 | 0.65 | 10 | 55 | <5 | 0.08 | <1 | 7 | 14 | 11 | 1.87 | 30 | 0.22 | 151 | <1 | <0.01 | 11 220 | 18 | <5 | <20 | 8 | <0.01 | <10 | 17 | <10 | 3 | 39 | |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn | |
|------------------|-------|---------|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|--|
| Standard: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO '04 | | 130 | 1.5 | 1.62 | 60 | 145 | <5 | 1.62 | <1 | 19 | 62 | 89 | 3.58 | <10 | 0.94 | 619 | <1 | 0.02 | 33 | 700 | 22 | 5 | <20 | 41 | 0.10 | <10 | 63 | <10 | 9 | 77 | |
| GEO '04 | | 130 | 1.5 | 1.57 | 60 | 145 | <5 | 1.53 | <1 | 18 | 59 | 86 | 3.42 | <10 | 0.91 | 596 | <1 | 0.02 | 32 | 650 | 22 | 5 | <20 | 40 | 0.10 | <10 | 65 | <10 | 9 | 75 | |
| GEO '04 | | 130 | 1.4 | 1.48 | 55 | 140 | <5 | 1.50 | <1 | 18 | 57 | 84 | 3.33 | <10 | 0.88 | 592 | <1 | 0.01 | 31 | 640 | 20 | 5 | <20 | 37 | 0.08 | <10 | 67 | <10 | 8 | 72 | |
| GEO '04 | | 135 | 1.4 | 1.61 | 55 | 145 | <5 | 1.55 | <1 | 18 | 59 | 86 | 3.45 | <10 | 0.92 | 596 | <1 | 0.02 | 31 | 680 | 24 | <5 | <20 | 43 | 0.09 | <10 | 68 | <10 | 8 | 73 | |
| GEO '04 | | 135 | 1.5 | 1.70 | 60 | 145 | <5 | 1.69 | <1 | 20 | 63 | 88 | 3.75 | <10 | 1.00 | 667 | <1 | 0.01 | 30 | 750 | 24 | <5 | <20 | 44 | 0.09 | <10 | 65 | <10 | 9 | 79 | |
| GEO '04 | | 130 | 1.4 | 1.59 | 55 | 150 | <5 | 1.56 | <1 | 19 | 60 | 88 | 3.50 | <10 | 0.92 | 622 | <1 | 0.01 | 31 | 670 | 22 | <5 | <20 | 44 | 0.09 | <10 | 68 | <10 | 9 | 73 | |
| GEO '04 | | 135 | 1.4 | 1.62 | 50 | 150 | <5 | 1.59 | <1 | 19 | 60 | 89 | 3.52 | <10 | 0.93 | 622 | <1 | 0.02 | 30 | 680 | 22 | <5 | <20 | 43 | 0.10 | <10 | 65 | <10 | 9 | 74 | |
| GEO '04 | | 135 | 1.6 | 1.63 | 55 | 150 | <5 | 1.58 | <1 | 19 | 59 | 89 | 3.53 | <10 | 0.94 | 609 | <1 | 0.02 | 31 | 660 | 24 | 5 | <20 | 43 | 0.10 | <10 | 63 | <10 | 9 | 74 | |
| GEO '04 | | 135 | 1.5 | 1.64 | 60 | 150 | <5 | 1.57 | <1 | 19 | 61 | 88 | 3.52 | <10 | 0.94 | 619 | <1 | 0.01 | 33 | 690 | 22 | 5 | <20 | 42 | 0.09 | <10 | 64 | <10 | 9 | 75 | |

JJ/jm
df/358/358a/358b
XLS/04

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

8-Jun-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2004-368

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 392
Sample type: Soil
Project #: Iron Range
Shipment #: IR04-03

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|-------------|---------|------|------|----|-----|----|------|----|----|----|----|------|-----|------|------|----|-------|----|------|----|----|-----|----|------|-----|----|-----|----|-----|
| 1 | IR4L9 0+25N | <5 | 0.3 | 1.91 | 5 | 195 | <5 | 0.11 | <1 | 11 | 21 | 15 | 1.87 | 20 | 0.25 | 428 | <1 | <0.01 | 20 | 330 | 16 | <5 | <20 | 10 | 0.06 | <10 | 18 | <10 | 6 | 90 |
| 2 | IR4L9 0+50N | 5 | 0.2 | 2.17 | 10 | 125 | <5 | 0.09 | <1 | 13 | 21 | 19 | 2.04 | 20 | 0.25 | 335 | <1 | <0.01 | 18 | 490 | 16 | <5 | <20 | 8 | 0.06 | <10 | 14 | <10 | 9 | 63 |
| 3 | IR4L9 0+75N | 5 | 0.4 | 2.10 | 10 | 180 | <5 | 0.13 | <1 | 12 | 24 | 18 | 2.19 | 20 | 0.29 | 359 | <1 | <0.01 | 21 | 990 | 14 | <5 | <20 | 10 | 0.05 | <10 | 17 | <10 | 8 | 104 |
| 4 | IR4L9 1+00N | 5 | 0.2 | 2.84 | 20 | 135 | <5 | 0.12 | <1 | 16 | 24 | 23 | 2.35 | 20 | 0.23 | 354 | <1 | <0.01 | 18 | 1370 | 16 | <5 | <20 | 13 | 0.07 | <10 | 11 | <10 | 9 | 97 |
| 5 | IR4L9 1+25N | <5 | <0.2 | 1.39 | 15 | 95 | <5 | 0.07 | <1 | 9 | 17 | 14 | 1.76 | 20 | 0.23 | 316 | <1 | <0.01 | 10 | 420 | 10 | <5 | <20 | 5 | 0.03 | <10 | 15 | <10 | 6 | 49 |
| 6 | IR4L9 1+50N | <5 | 0.2 | 0.98 | 10 | 60 | <5 | 0.03 | <1 | 4 | 14 | 6 | 1.77 | 10 | 0.13 | 21 | <1 | <0.01 | 6 | 250 | 10 | <5 | <20 | 6 | 0.03 | <10 | 27 | <10 | 2 | 20 |
| 7 | IR4L9 1+75N | <5 | 0.2 | 3.03 | 10 | 160 | 5 | 0.11 | <1 | 11 | 19 | 13 | 1.97 | 10 | 0.20 | 243 | <1 | <0.01 | 17 | 1390 | 12 | <5 | <20 | 14 | 0.08 | <10 | 3 | <10 | 5 | 102 |
| 8 | IR4L9 2+00N | 5 | 0.4 | 2.98 | 10 | 140 | <5 | 0.07 | <1 | 10 | 16 | 12 | 1.86 | 10 | 0.13 | 408 | <1 | <0.01 | 16 | 820 | 10 | <5 | <20 | 8 | 0.11 | <10 | <1 | <10 | 7 | 69 |
| 9 | IR4L9 2+25N | <5 | 0.2 | 4.02 | 15 | 160 | <5 | 0.10 | <1 | 13 | 19 | 17 | 2.04 | <10 | 0.17 | 469 | 2 | 0.01 | 21 | 1270 | 14 | <5 | <20 | 12 | 0.14 | <10 | <1 | <10 | 7 | 109 |
| 10 | IR4L9 2+50N | 5 | <0.2 | 1.24 | 10 | 120 | <5 | 0.09 | <1 | 9 | 14 | 14 | 1.69 | 20 | 0.21 | 406 | <1 | <0.01 | 14 | 630 | 12 | <5 | <20 | 9 | 0.04 | <10 | 12 | <10 | 3 | 68 |
| 11 | IR4L9 2+75N | 5 | <0.2 | 1.53 | 5 | 115 | <5 | 0.10 | <1 | 10 | 16 | 17 | 1.75 | 20 | 0.23 | 236 | <1 | <0.01 | 17 | 500 | 12 | <5 | <20 | 9 | 0.06 | <10 | 10 | <10 | 4 | 78 |
| 12 | IR4L9 3+00N | 5 | 0.2 | 2.34 | 5 | 270 | <5 | 0.15 | <1 | 17 | 34 | 22 | 2.55 | 20 | 0.66 | 463 | <1 | <0.01 | 25 | 550 | 10 | <5 | <20 | 17 | 0.08 | <10 | 18 | <10 | 7 | 130 |
| 13 | IR4L9 3+25N | 5 | <0.2 | 1.76 | 10 | 155 | <5 | 0.11 | <1 | 11 | 17 | 21 | 1.90 | 20 | 0.26 | 220 | <1 | <0.01 | 22 | 620 | 12 | <5 | <20 | 9 | 0.06 | <10 | 12 | <10 | 5 | 111 |
| 14 | IR4L9 3+50N | 5 | <0.2 | 2.70 | 20 | 255 | <5 | 0.15 | <1 | 14 | 27 | 23 | 2.47 | 20 | 0.41 | 509 | <1 | <0.01 | 27 | 2220 | 16 | <5 | <20 | 16 | 0.08 | <10 | 12 | <10 | 6 | 151 |
| 15 | IR4L9 3+75N | 5 | <0.2 | 1.54 | 20 | 195 | <5 | 0.08 | <1 | 11 | 21 | 15 | 1.83 | 20 | 0.33 | 303 | <1 | <0.01 | 16 | 250 | 10 | <5 | <20 | 11 | 0.05 | <10 | 13 | <10 | 5 | 68 |
| 16 | IR4L9 4+00N | 5 | <0.2 | 1.26 | 25 | 125 | <5 | 0.09 | <1 | 9 | 19 | 9 | 1.76 | 20 | 0.31 | 189 | <1 | <0.01 | 13 | 150 | 6 | <5 | <20 | 9 | 0.04 | <10 | 17 | <10 | 4 | 63 |
| 17 | IR4L9 4+25N | <5 | 0.2 | 2.29 | 25 | 170 | <5 | 0.11 | <1 | 14 | 30 | 25 | 2.39 | 20 | 0.44 | 416 | <1 | <0.01 | 28 | 360 | 12 | <5 | <20 | 15 | 0.09 | <10 | 11 | <10 | 7 | 77 |
| 18 | IR4L9 4+50N | 5 | <0.2 | 1.53 | 10 | 165 | <5 | 0.10 | <1 | 10 | 18 | 15 | 1.73 | 20 | 0.29 | 143 | <1 | <0.01 | 21 | 180 | 10 | <5 | <20 | 12 | 0.05 | <10 | 10 | <10 | 5 | 68 |
| 19 | IR4L9 4+75N | 5 | 0.4 | 2.46 | 15 | 125 | <5 | 0.16 | <1 | 12 | 19 | 24 | 1.87 | 20 | 0.26 | 214 | <1 | <0.01 | 28 | 620 | 12 | <5 | <20 | 17 | 0.11 | <10 | <1 | <10 | 14 | 96 |
| 20 | IR4L9 5+00N | <5 | 0.3 | 2.01 | 20 | 180 | <5 | 0.11 | <1 | 13 | 21 | 22 | 2.13 | 30 | 0.34 | 378 | <1 | <0.01 | 28 | 580 | 14 | <5 | <20 | 14 | 0.07 | <10 | 6 | <10 | 10 | 97 |
| 21 | IR4L9 5+25N | 20 | 0.3 | 1.81 | 10 | 215 | <5 | 0.14 | <1 | 13 | 24 | 19 | 1.98 | 10 | 0.45 | 463 | <1 | <0.01 | 29 | 260 | 8 | <5 | <20 | 23 | 0.07 | <10 | 11 | <10 | 5 | 124 |
| 22 | IR4L9 5+50N | 5 | <0.2 | 2.11 | 10 | 185 | <5 | 0.07 | <1 | 11 | 18 | 14 | 1.86 | 20 | 0.26 | 514 | <1 | <0.01 | 30 | 650 | 12 | <5 | <20 | 10 | 0.09 | <10 | <1 | <10 | 7 | 111 |
| 23 | IR4L9 5+75N | 5 | <0.2 | 2.11 | 15 | 180 | <5 | 0.07 | <1 | 11 | 18 | 14 | 1.87 | 20 | 0.26 | 512 | <1 | <0.01 | 29 | 650 | 10 | <5 | <20 | 10 | 0.09 | <10 | <1 | <10 | 7 | 112 |
| 24 | IR4L9 6+00N | 5 | <0.2 | 1.59 | 10 | 185 | <5 | 0.14 | <1 | 11 | 18 | 10 | 1.91 | 20 | 0.25 | 1001 | <1 | <0.01 | 17 | 1100 | 14 | <5 | <20 | 22 | 0.07 | <10 | <1 | <10 | 5 | 139 |
| 25 | IR4L9 6+25N | 5 | <0.2 | 2.68 | 45 | 170 | <5 | 0.12 | <1 | 19 | 26 | 32 | 2.67 | 40 | 0.39 | 420 | <1 | <0.01 | 34 | 730 | 32 | <5 | <20 | 13 | 0.10 | <10 | 2 | <10 | 16 | 148 |
| 26 | IR4L9 6+50N | <5 | 0.2 | 2.14 | 25 | 220 | <5 | 0.10 | <1 | 17 | 32 | 17 | 2.57 | 30 | 0.45 | 1203 | <1 | <0.01 | 38 | 1110 | 30 | <5 | <20 | 12 | 0.08 | <10 | 7 | <10 | 10 | 191 |
| 27 | IR4L9 6+75N | 10 | <0.2 | 2.00 | 15 | 180 | <5 | 0.09 | <1 | 16 | 31 | 20 | 2.41 | 30 | 0.48 | 1135 | <1 | <0.01 | 33 | 730 | 42 | <5 | <20 | 11 | 0.10 | <10 | 4 | <10 | 7 | 142 |
| 28 | IR4L9 7+00N | 5 | 0.2 | 1.79 | 10 | 230 | <5 | 0.10 | <1 | 14 | 26 | 13 | 2.11 | 20 | 0.35 | 1183 | <1 | <0.01 | 28 | 540 | 36 | <5 | <20 | 12 | 0.08 | <10 | 5 | <10 | 5 | 131 |
| 29 | IR4L9 7+25N | 5 | <0.2 | 1.85 | 5 | 200 | 5 | 0.12 | <1 | 17 | 50 | 13 | 2.39 | 30 | 0.79 | 1004 | <1 | <0.01 | 47 | 430 | 36 | <5 | <20 | 14 | 0.11 | <10 | 4 | <10 | 6 | 112 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---------|-------|---------|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '04 | | 135 | 1.5 | 1.66 | 60 | 150 | <5 | 1.61 | <1 | 19 | 61 | 89 | 3.55 | <10 | 0.94 | 625 | <1 | 0.02 | 31 | 680 | 20 | <5 | <20 | 52 | 0.10 | <10 | 61 | <10 | 9 | 75 |
| GEO '04 | | 135 | 1.4 | 1.73 | 55 | 150 | <5 | 1.64 | <1 | 20 | 63 | 87 | 3.62 | <10 | 0.97 | 630 | 1 | 0.02 | 35 | 690 | 18 | <5 | <20 | 47 | 0.10 | <10 | 62 | <10 | 9 | 74 |
| GEO '04 | | 135 | 1.5 | 1.73 | 60 | 150 | <5 | 1.65 | <1 | 20 | 63 | 89 | 3.59 | <10 | 0.97 | 626 | <1 | 0.02 | 32 | 670 | 20 | <5 | <20 | 47 | 0.11 | <10 | 64 | <10 | 9 | 74 |
| GEO '04 | | 135 | 1.5 | 1.60 | 60 | 145 | <5 | 1.53 | <1 | 19 | 59 | 84 | 3.37 | <10 | 0.90 | 588 | <1 | 0.01 | 28 | 640 | 24 | 5 | <20 | 52 | 0.09 | <10 | 62 | <10 | 9 | 73 |
| GEO '04 | | 135 | 1.4 | 1.67 | 55 | 135 | <5 | 1.57 | <1 | 19 | 61 | 88 | 3.49 | <10 | 0.95 | 609 | <1 | 0.02 | 30 | 670 | 22 | 5 | <20 | 53 | 0.10 | <10 | 66 | <10 | 9 | 73 |

JJ/jm
df/368/368a/368b/379
XLS/04

ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

Appendix 4.1.2 Silt sample results

4-Jun-04

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2004-359

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 7
Sample type: Silt
Project #: Iron Range
Shipment #: IRO4-02

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|------------|---------|------|------|----|----|----|------|----|----|----|----|------|----|------|-----|----|-------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|
| 1 | BRIR04S-01 | 5 | <0.2 | 1.14 | 10 | 70 | <5 | 0.22 | <1 | 13 | 24 | 22 | 2.30 | 30 | 0.34 | 445 | <1 | <0.01 | 15 | 350 | 18 | <5 | <20 | 15 | 0.04 | <10 | 19 | <10 | 19 | 45 |
| 2 | BRIR04S-02 | 5 | <0.2 | 0.83 | 30 | 50 | <5 | 0.13 | <1 | 16 | 26 | 21 | 3.00 | 30 | 0.38 | 355 | <1 | <0.01 | 18 | 300 | 12 | <5 | <20 | 11 | 0.03 | <10 | 19 | <10 | 7 | 51 |
| 3 | JCIR04S01 | <5 | <0.2 | 1.20 | 15 | 70 | <5 | 0.25 | <1 | 17 | 30 | 21 | 2.84 | 40 | 0.39 | 422 | <1 | <0.01 | 19 | 380 | 16 | <5 | <20 | 15 | 0.04 | <10 | 26 | <10 | 22 | 43 |
| 4 | JCIR4S2 | 5 | <0.2 | 1.15 | 15 | 75 | <5 | 0.25 | <1 | 14 | 25 | 19 | 2.29 | 40 | 0.33 | 462 | <1 | <0.01 | 18 | 370 | 18 | <5 | <20 | 17 | 0.03 | <10 | 19 | <10 | 22 | 41 |
| 5 | JCIR4S3 | 5 | <0.2 | 0.80 | 15 | 45 | <5 | 0.14 | <1 | 10 | 20 | 15 | 2.09 | 20 | 0.30 | 269 | <1 | <0.01 | 14 | 200 | 14 | <5 | <20 | 9 | 0.05 | <10 | 12 | <10 | 9 | 33 |
| 6 | JCIR04S4 | 15 | <0.2 | 0.80 | 25 | 55 | <5 | 0.17 | <1 | 14 | 24 | 17 | 2.88 | 30 | 0.32 | 269 | <1 | <0.01 | 17 | 270 | 20 | <5 | <20 | 14 | 0.03 | <10 | 24 | <10 | 8 | 40 |
| 7 | JCIR04S5 | 5 | 0.2 | 0.98 | 15 | 65 | <5 | 0.37 | <1 | 10 | 21 | 23 | 2.04 | 30 | 0.32 | 317 | <1 | <0.01 | 15 | 310 | 18 | <5 | <20 | 18 | 0.04 | <10 | 15 | <10 | 17 | 38 |

QC DATA:

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|---|------|------|----|----|----|------|----|----|----|----|------|----|------|-----|----|-------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|
| 1 | BRIR04S-01 | - | <0.2 | 1.11 | 15 | 70 | <5 | 0.23 | <1 | 13 | 24 | 20 | 2.29 | 30 | 0.34 | 443 | <1 | <0.01 | 17 | 330 | 18 | <5 | <20 | 15 | 0.04 | <10 | 18 | <10 | 19 | 40 |
|---|------------|---|------|------|----|----|----|------|----|----|----|----|------|----|------|-----|----|-------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '04 | | 135 | 1.4 | 1.54 | 55 | 140 | <5 | 1.50 | <1 | 18 | 57 | 86 | 3.37 | 10 | 0.89 | 592 | <1 | 0.02 | 30 | 640 | 22 | <5 | <20 | 40 | 0.09 | <10 | 46 | <10 | 9 | 70 |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|

JJ/jm
df/358
XLS/04

ECO TECH LABORATORY LTD.

Jutta Jealouse
B.C. Certified Assayer

Appendix 4.1.3 Diamond drill sample results

10-Jan-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2004-2003

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 29
Project #: IR04-01
Shipment #: Not Indicated

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|------|------|----|-----|----|------|----|----|-----|-----|------|-----|-------|------|----|------|-----|------|----|----|-----|----|-------|-----|-----|-----|----|----|
| 1 | 107422 | 30 | <0.2 | 0.64 | <5 | 20 | <5 | 0.02 | <1 | 18 | 116 | 4 | 6.31 | <10 | 0.31 | 32 | 4 | 0.04 | 27 | 50 | 4 | <5 | <20 | 2 | <0.01 | <10 | 65 | <10 | <1 | 8 |
| 2 | 107423 | 5 | <0.2 | 2.00 | <5 | 30 | <5 | 0.07 | <1 | 46 | 227 | 5 | 7.72 | <10 | 1.33 | 83 | 5 | 0.02 | 106 | 350 | 10 | <5 | <20 | 1 | <0.01 | <10 | 98 | <10 | <1 | 16 |
| 3 | 107424 | 15 | <0.2 | 0.10 | <5 | 25 | 10 | 0.01 | <1 | 39 | 114 | 6 | 9.70 | <10 | <0.01 | 14 | 8 | 0.03 | 28 | <10 | 4 | <5 | <20 | <1 | 0.03 | <10 | 85 | <10 | <1 | 6 |
| 4 | 107425 | 20 | 0.2 | 1.14 | <5 | 55 | 10 | 0.06 | <1 | 29 | 121 | 12 | >10 | <10 | 0.35 | 49 | 11 | 0.02 | 40 | 250 | 6 | <5 | <20 | 3 | 0.01 | <10 | 123 | <10 | <1 | 14 |
| 5 | 107426 | 10 | <0.2 | 2.15 | <5 | 65 | 5 | 0.14 | <1 | 40 | 113 | 5 | >10 | <10 | 1.23 | 128 | 5 | 0.02 | 56 | 680 | 6 | <5 | <20 | 6 | 0.02 | <10 | 109 | <10 | <1 | 19 |
| 6 | 107427 | 30 | <0.2 | 1.69 | <5 | 40 | 10 | 0.11 | <1 | 56 | 95 | 9 | >10 | <10 | 0.69 | 110 | 8 | 0.02 | 77 | 610 | 10 | <5 | <20 | 6 | 0.03 | <10 | 103 | <10 | <1 | 18 |
| 7 | 107428 | 5 | <0.2 | 1.06 | <5 | 25 | 5 | 0.24 | <1 | 25 | 134 | 7 | 7.83 | <10 | 0.55 | 98 | 5 | 0.04 | 46 | 1040 | 6 | <5 | <20 | 4 | 0.04 | <10 | 93 | <10 | <1 | 13 |
| 8 | 107429 | 5 | <0.2 | 1.63 | <5 | 25 | <5 | 0.54 | <1 | 15 | 135 | 5 | 7.76 | <10 | 1.14 | 181 | 3 | 0.04 | 59 | 1370 | 10 | <5 | <20 | 9 | 0.03 | <10 | 126 | <10 | <1 | 16 |
| 9 | 107430 | 15 | 0.2 | 1.73 | <5 | 20 | 5 | 1.11 | <1 | 39 | 151 | 6 | 8.10 | <10 | 1.47 | 260 | 4 | 0.04 | 89 | 710 | 8 | <5 | <20 | 11 | 0.03 | <10 | 139 | <10 | <1 | 16 |
| 10 | 107431 | 10 | <0.2 | 1.94 | <5 | 20 | <5 | 0.75 | <1 | 34 | 171 | 4 | 6.55 | <10 | 1.66 | 257 | 3 | 0.03 | 95 | 450 | 8 | <5 | <20 | 5 | 0.01 | <10 | 140 | <10 | <1 | 16 |
| 11 | 107432 | 5 | <0.2 | 1.54 | <5 | 15 | 5 | 1.70 | <1 | 25 | 182 | 7 | 5.99 | <10 | 1.79 | 598 | 2 | 0.04 | 82 | 510 | 4 | <5 | <20 | 24 | 0.02 | <10 | 133 | <10 | <1 | 15 |
| 12 | 107433 | 10 | <0.2 | 1.63 | <5 | 35 | <5 | 1.79 | <1 | 20 | 189 | 254 | 5.50 | <10 | 2.03 | 789 | 2 | 0.03 | 81 | 630 | 6 | <5 | <20 | 27 | 0.01 | <10 | 138 | <10 | <1 | 15 |
| 13 | 107434 | 10 | <0.2 | 0.62 | <5 | 35 | <5 | 2.73 | <1 | 38 | 130 | 143 | 5.13 | <10 | 1.55 | 1150 | 2 | 0.03 | 50 | 590 | 4 | <5 | <20 | 24 | 0.01 | <10 | 77 | <10 | <1 | 10 |
| 14 | 107435 | 5 | 0.4 | 0.16 | <5 | 170 | <5 | 6.26 | <1 | 13 | 90 | 46 | 3.04 | <10 | 2.77 | 3320 | 1 | 0.02 | 12 | 50 | <2 | 5 | <20 | 37 | <0.01 | <10 | 18 | <10 | 23 | 7 |
| 15 | 107436 | 25 | <0.2 | 0.42 | <5 | 30 | <5 | 3.04 | <1 | 25 | 133 | 332 | 4.67 | <10 | 1.45 | 1523 | 2 | 0.03 | 18 | 280 | 4 | <5 | <20 | 31 | 0.02 | <10 | 52 | <10 | 4 | 7 |
| 16 | 107437 | 10 | 0.2 | 1.35 | <5 | 30 | <5 | 2.21 | <1 | 20 | 121 | 11 | 4.20 | <10 | 1.78 | 857 | 2 | 0.02 | 16 | 470 | 6 | <5 | <20 | 32 | <0.01 | <10 | 51 | <10 | 2 | 12 |
| 17 | 107438 | 30 | <0.2 | 1.12 | <5 | 25 | <5 | 3.31 | <1 | 11 | 131 | 18 | 4.66 | <10 | 1.56 | 888 | 2 | 0.03 | 9 | 920 | 6 | <5 | <20 | 41 | 0.01 | <10 | 120 | <10 | 10 | 12 |
| 18 | 107439 | 10 | <0.2 | 0.97 | <5 | 25 | <5 | 2.63 | <1 | 10 | 126 | 4 | 7.49 | <10 | 1.45 | 684 | 3 | 0.04 | 6 | 750 | 6 | <5 | <20 | 26 | 0.04 | <10 | 177 | <10 | <1 | 13 |
| 19 | 107440 | 20 | <0.2 | 0.71 | <5 | 15 | <5 | 2.22 | <1 | 7 | 121 | 3 | 4.39 | 10 | 1.13 | 745 | 2 | 0.05 | 7 | 1290 | 4 | <5 | <20 | 30 | 0.02 | <10 | 154 | <10 | 14 | 9 |
| 20 | 107441 | 10 | 0.4 | 0.64 | <5 | 10 | <5 | 3.51 | <1 | 5 | 111 | 3 | 2.79 | 10 | 1.84 | 1249 | 2 | 0.03 | 6 | 800 | 4 | <5 | <20 | 39 | <0.01 | <10 | 65 | <10 | 14 | 9 |
| 21 | 107442 | 20 | 0.4 | 1.77 | <5 | 20 | <5 | 2.63 | <1 | 17 | 151 | 2 | 6.41 | 30 | 2.30 | 993 | 1 | 0.03 | 91 | 70 | 6 | <5 | <20 | 33 | <0.01 | <10 | 94 | <10 | <1 | 21 |
| 22 | 107443 | 10 | <0.2 | 1.18 | <5 | 10 | <5 | 1.20 | <1 | 20 | 114 | 2 | 5.17 | <10 | 1.24 | 350 | 3 | 0.05 | 50 | 240 | 4 | <5 | <20 | 12 | <0.01 | <10 | 66 | <10 | <1 | 16 |
| 23 | 107444 | 15 | 0.4 | 1.23 | <5 | 20 | <5 | 0.73 | <1 | 17 | 68 | 2 | 6.65 | <10 | 1.15 | 275 | 4 | 0.05 | 30 | 700 | 6 | <5 | <20 | 13 | <0.01 | <10 | 45 | <10 | <1 | 18 |
| 24 | 107445 | 15 | 0.4 | 0.44 | <5 | 75 | <5 | 1.26 | <1 | 11 | 37 | 5 | 3.50 | <10 | 0.99 | 274 | 3 | 0.03 | 16 | 290 | 2 | <5 | <20 | 16 | <0.01 | <10 | 22 | <10 | <1 | 13 |
| 25 | 107446 | 5 | <0.2 | 0.90 | <5 | 60 | <5 | 0.52 | <1 | 10 | 64 | 2 | 2.55 | <10 | 0.81 | 258 | 2 | 0.03 | 18 | 230 | 6 | <5 | <20 | 6 | <0.01 | <10 | 18 | <10 | <1 | 16 |
| 26 | 107447 | <5 | 0.2 | 0.44 | <5 | 20 | <5 | 1.52 | <1 | 5 | 92 | 2 | 1.76 | <10 | 0.86 | 820 | 2 | 0.04 | 10 | 140 | 2 | <5 | <20 | 13 | <0.01 | <10 | 11 | <10 | 1 | 10 |
| 27 | 107448 | 10 | <0.2 | 0.77 | <5 | 30 | <5 | 1.04 | <1 | 12 | 71 | 3 | 2.44 | <10 | 0.86 | 495 | 4 | 0.03 | 16 | 210 | 4 | <5 | <20 | 11 | <0.01 | <10 | 17 | <10 | <1 | 16 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|------|------|----|----|----|------|----|----|-----|----|------|-----|------|------|----|------|-----|-----|----|----|-----|----|-------|-----|-----|-----|----|----|
| 28 | 107449 | 20 | <0.2 | 1.43 | <5 | 10 | <5 | 1.80 | <1 | 71 | 139 | 23 | 5.83 | <10 | 1.73 | 697 | 4 | 0.03 | 81 | 300 | 8 | <5 | <20 | 30 | <0.01 | <10 | 105 | <10 | <1 | 33 |
| 29 | 107450 | 10 | <0.2 | 2.68 | <5 | 15 | <5 | 2.76 | <1 | 30 | 194 | 43 | 6.12 | <10 | 3.05 | 1189 | 4 | 0.02 | 102 | 660 | 12 | <5 | <20 | 38 | <0.01 | <10 | 201 | <10 | <1 | 59 |

QC DATA:

Resplit:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|----|------|------|----|----|---|------|----|----|----|---|------|-----|------|----|---|------|----|----|---|----|-----|---|-------|-----|----|-----|----|---|
| 1 | 107422 | 10 | <0.2 | 0.63 | <5 | 15 | 5 | 0.02 | <1 | 18 | 86 | 5 | 5.77 | <10 | 0.32 | 72 | 3 | 0.03 | 28 | 80 | 4 | <5 | <20 | 1 | <0.01 | <10 | 57 | <10 | <1 | 7 |
|---|--------|----|------|------|----|----|---|------|----|----|----|---|------|-----|------|----|---|------|----|----|---|----|-----|---|-------|-----|----|-----|----|---|

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|--------|----|------|------|----|----|----|------|----|----|-----|---|------|-----|------|-----|---|------|----|------|---|----|-----|----|------|-----|-----|-----|----|----|
| 1 | 107422 | 15 | <0.2 | 0.64 | <5 | 15 | 5 | 0.03 | <1 | 18 | 117 | 3 | 6.43 | <10 | 0.31 | 31 | 5 | 0.04 | 26 | 60 | 4 | <5 | <20 | <1 | 0.01 | <10 | 67 | <10 | <1 | 8 |
| 10 | 107431 | 10 | <0.2 | 1.93 | <5 | 15 | 5 | 0.75 | <1 | 34 | 171 | 4 | 6.71 | <10 | 1.66 | 257 | 4 | 0.03 | 94 | 460 | 6 | <5 | <20 | 5 | 0.02 | <10 | 143 | <10 | <1 | 15 |
| 19 | 107440 | 25 | <0.2 | 0.72 | <5 | 15 | <5 | 2.24 | <1 | 7 | 127 | 3 | 4.63 | 10 | 1.14 | 750 | 2 | 0.06 | 7 | 1290 | 4 | <5 | <20 | 29 | 0.02 | <10 | 165 | <10 | 14 | 9 |

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '04 | | - | 1.4 | 1.41 | 60 | 135 | <5 | 1.31 | <1 | 16 | 55 | 87 | 3.58 | <10 | 0.76 | 577 | <1 | 0.02 | 26 | 580 | 22 | <5 | <20 | 54 | 0.09 | <10 | 68 | <10 | 9 | 74 |
| OXE21 | | 605 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

JJ/jm
df/2003
XLS/04

B.C. Certified Assayer

10-Jan-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2004-2004

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 33
Sample type: Not Indicated
Project #: Not Indicated
Shipment #: IRO4-02
Samples submitted by: Bootleg Exploration

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|------|------|----|----|----|------|----|-----|-----|----|------|-----|------|------|----|-------|-----|------|----|----|-----|-----|-------|-----|-----|-----|----|----|
| 1 | 304501 | 10 | 0.2 | 2.81 | <5 | 40 | 5 | 2.33 | <1 | 43 | 207 | 70 | 7.47 | <10 | 3.48 | 1237 | 3 | 0.03 | 104 | 690 | 22 | <5 | <20 | 30 | 0.02 | <10 | 176 | <10 | <1 | 61 |
| 2 | 304502 | 10 | <0.2 | 2.60 | <5 | 30 | <5 | 2.00 | <1 | 27 | 167 | 71 | 6.07 | <10 | 3.17 | 1112 | 3 | 0.02 | 89 | 710 | 24 | <5 | <20 | 31 | 0.01 | <10 | 159 | <10 | <1 | 56 |
| 3 | 304503 | 20 | 0.2 | 1.46 | <5 | 55 | 10 | 2.09 | <1 | 24 | 120 | 21 | 4.69 | <10 | 2.26 | 905 | 4 | 0.02 | 58 | 360 | 14 | <5 | <20 | 30 | <0.01 | <10 | 84 | <10 | <1 | 33 |
| 4 | 304504 | 15 | 0.2 | 2.93 | <5 | 40 | 10 | 2.89 | <1 | 31 | 193 | 41 | 6.97 | <10 | 3.66 | 1155 | 3 | 0.02 | 100 | 380 | 26 | <5 | <20 | 40 | 0.01 | <10 | 170 | <10 | <1 | 52 |
| 5 | 304505 | 25 | 0.2 | 0.59 | <5 | 40 | 20 | 0.95 | <1 | 84 | 53 | 5 | 8.21 | <10 | 0.70 | 244 | 6 | 0.04 | 64 | 270 | 10 | <5 | <20 | 10 | 0.03 | <10 | 84 | <10 | <1 | 16 |
| 6 | 304506 | 10 | 0.3 | 1.64 | <5 | 35 | 5 | 1.04 | <1 | 42 | 39 | 3 | 6.83 | <10 | 1.64 | 365 | 4 | 0.04 | 51 | 360 | 16 | <5 | <20 | 15 | 0.02 | <10 | 109 | <10 | <1 | 32 |
| 7 | 304507 | 15 | 0.2 | 3.11 | <5 | 35 | 15 | 1.44 | <1 | 53 | 114 | 12 | 7.96 | <10 | 2.99 | 506 | 5 | 0.02 | 66 | 320 | 28 | <5 | <20 | 19 | 0.01 | <10 | 181 | <10 | <1 | 45 |
| 8 | 304508 | 20 | 0.2 | 0.59 | <5 | 40 | 15 | 1.55 | <1 | 52 | 42 | 4 | 9.22 | <10 | 0.65 | 423 | 6 | 0.03 | 43 | 200 | 10 | <5 | <20 | 21 | 0.03 | <10 | 95 | <10 | <1 | 13 |
| 9 | 304509 | 15 | 0.2 | 2.22 | <5 | 25 | 10 | 0.57 | <1 | 30 | 34 | 14 | 6.27 | <10 | 2.11 | 326 | 4 | 0.02 | 35 | 380 | 24 | <5 | <20 | 9 | 0.02 | <10 | 153 | <10 | <1 | 35 |
| 10 | 304510 | 20 | 0.2 | 0.57 | <5 | 30 | 15 | 1.11 | <1 | 77 | 37 | 12 | 6.92 | <10 | 0.63 | 359 | 3 | 0.04 | 61 | 360 | 8 | <5 | <20 | 16 | 0.04 | <10 | 73 | <10 | <1 | 15 |
| 11 | 304511 | 15 | <0.2 | 1.81 | <5 | 35 | 5 | 0.67 | <1 | 45 | 35 | 13 | 6.45 | <10 | 1.76 | 347 | 4 | 0.03 | 52 | 400 | 20 | <5 | <20 | 9 | 0.02 | <10 | 126 | <10 | <1 | 33 |
| 12 | 304512 | 15 | <0.2 | 0.89 | <5 | 55 | 15 | 1.02 | <1 | 58 | 51 | 6 | 7.96 | <10 | 0.90 | 312 | 6 | 0.04 | 54 | 320 | 12 | <5 | <20 | 16 | 0.04 | <10 | 69 | <10 | <1 | 19 |
| 13 | 304513 | 30 | <0.2 | 1.62 | <5 | 35 | 10 | 1.46 | <1 | 47 | 68 | 61 | 6.64 | <10 | 1.59 | 430 | 6 | 0.02 | 39 | 300 | 16 | <5 | <20 | 26 | 0.01 | <10 | 81 | <10 | <1 | 30 |
| 14 | 304514 | 20 | <0.2 | 2.08 | <5 | 35 | 10 | 4.95 | <1 | 31 | 117 | 25 | 5.09 | 40 | 2.69 | 965 | 4 | <0.01 | 53 | 1920 | 22 | <5 | <20 | 183 | <0.01 | <10 | 93 | <10 | 2 | 36 |
| 15 | 304515 | 15 | <0.2 | 3.19 | <5 | 90 | 10 | 8.28 | <1 | 39 | 253 | 7 | 7.12 | 30 | 4.25 | 1678 | 7 | <0.01 | 123 | 3210 | 28 | <5 | <20 | 357 | 0.01 | <10 | 162 | <10 | 6 | 53 |
| 16 | 304516 | 15 | <0.2 | 0.42 | <5 | 40 | 10 | 0.49 | <1 | 123 | 117 | 9 | 6.48 | <10 | 0.40 | 149 | 4 | 0.04 | 66 | 440 | 6 | <5 | <20 | 9 | 0.04 | <10 | 57 | <10 | <1 | 11 |
| 17 | 304517 | 10 | <0.2 | 1.71 | <5 | 30 | 10 | 0.67 | <1 | 39 | 179 | 10 | 5.35 | <10 | 1.79 | 352 | 3 | 0.03 | 81 | 630 | 18 | <5 | <20 | 9 | 0.02 | <10 | 104 | <10 | <1 | 32 |
| 18 | 304518 | 5 | <0.2 | 1.91 | <5 | 25 | 10 | 0.85 | <1 | 39 | 183 | 3 | 5.99 | <10 | 1.93 | 412 | 4 | 0.03 | 83 | 630 | 20 | <5 | <20 | 13 | 0.02 | <10 | 128 | <10 | <1 | 35 |
| 19 | 304519 | 10 | <0.2 | 2.18 | <5 | 25 | 10 | 0.58 | <1 | 30 | 195 | 8 | 5.85 | <10 | 2.19 | 365 | 5 | 0.02 | 89 | 660 | 24 | <5 | <20 | 9 | 0.02 | <10 | 134 | <10 | <1 | 39 |
| 20 | 304520 | 5 | <0.2 | 2.41 | <5 | 35 | 10 | 0.71 | <1 | 46 | 191 | 8 | 6.63 | <10 | 2.43 | 389 | 3 | 0.02 | 91 | 680 | 26 | <5 | <20 | 13 | 0.01 | <10 | 128 | <10 | <1 | 43 |
| 21 | 304521 | 5 | <0.2 | 2.10 | <5 | 30 | 5 | 0.70 | <1 | 24 | 177 | 8 | 5.84 | <10 | 2.19 | 387 | 3 | 0.02 | 87 | 670 | 22 | <5 | <20 | 13 | 0.02 | <10 | 124 | <10 | <1 | 38 |
| 22 | 304522 | 10 | <0.2 | 1.93 | <5 | 50 | 10 | 0.76 | <1 | 28 | 160 | 13 | 5.72 | <10 | 1.99 | 358 | 3 | 0.02 | 84 | 710 | 20 | <5 | <20 | 15 | 0.02 | <10 | 118 | <10 | <1 | 35 |
| 23 | 304523 | 15 | <0.2 | 0.34 | <5 | 45 | 20 | 0.35 | <1 | 45 | 89 | 7 | 7.40 | <10 | 0.44 | 131 | 7 | 0.02 | 37 | 180 | 6 | <5 | <20 | 8 | <0.01 | <10 | 43 | <10 | <1 | 12 |
| 24 | 304524 | 10 | 0.2 | 0.04 | <5 | 40 | 15 | 0.47 | <1 | 43 | 99 | 3 | 7.14 | <10 | 0.14 | 112 | 6 | <0.01 | 22 | <10 | 4 | <5 | <20 | 8 | <0.01 | <10 | 29 | <10 | <1 | 6 |
| 25 | 304525 | 10 | <0.2 | 2.22 | <5 | 35 | 10 | 0.88 | <1 | 26 | 179 | 13 | 5.99 | <10 | 2.42 | 445 | 4 | 0.02 | 97 | 720 | 24 | <5 | <20 | 15 | 0.02 | <10 | 128 | <10 | <1 | 43 |
| 26 | 304526 | 5 | <0.2 | 2.34 | <5 | 30 | 10 | 0.93 | <1 | 30 | 210 | 10 | 6.48 | <10 | 2.62 | 464 | 3 | 0.02 | 113 | 830 | 26 | <5 | <20 | 16 | 0.02 | <10 | 130 | <10 | <1 | 48 |
| 27 | 304527 | 20 | <0.2 | 2.06 | <5 | 45 | 5 | 0.07 | <1 | 21 | 58 | 2 | 4.62 | <10 | 1.79 | 106 | 4 | 0.01 | 25 | 220 | 24 | <5 | <20 | <1 | <0.01 | <10 | 34 | <10 | <1 | 18 |
| 28 | 304528 | 10 | <0.2 | 2.21 | <5 | 35 | 10 | 0.08 | <1 | 15 | 70 | 1 | 4.92 | <10 | 1.88 | 115 | 3 | 0.01 | 26 | 230 | 24 | <5 | <20 | 2 | <0.01 | <10 | 44 | <10 | <1 | 17 |
| 29 | 304529 | 10 | <0.2 | 1.03 | <5 | 25 | 5 | 0.03 | <1 | 18 | 57 | 1 | 3.66 | <10 | 0.70 | 47 | 3 | 0.02 | 30 | 190 | 12 | <5 | <20 | 2 | <0.01 | <10 | 33 | <10 | <1 | 10 |
| 30 | 304530 | 15 | <0.2 | 0.39 | <5 | 15 | <5 | 0.03 | <1 | 8 | 89 | 2 | 1.41 | <10 | 0.25 | 69 | 1 | 0.03 | 10 | 100 | 8 | <5 | <20 | <1 | <0.01 | <10 | 11 | <10 | <1 | 4 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn | |
|------------------|--------|---------|------|------|----|-----|----|------|----|----|-----|----|------|-----|------|------|----|------|-----|-----|----|----|-----|----|-------|-----|-----|-----|----|----|--|
| 31 | 304531 | 10 | <0.2 | 0.86 | <5 | 15 | <5 | 0.02 | <1 | 5 | 82 | <1 | 2.14 | <10 | 0.71 | 58 | 3 | 0.01 | 8 | 50 | 12 | <5 | <20 | 1 | <0.01 | <10 | 27 | <10 | <1 | 8 | |
| 32 | 304532 | 10 | <0.2 | 0.67 | <5 | 15 | 5 | 0.29 | <1 | 8 | 113 | 2 | 2.17 | <10 | 0.51 | 78 | 2 | 0.03 | 14 | 130 | 10 | <5 | <20 | 4 | <0.01 | <10 | 23 | <10 | <1 | 7 | |
| 33 | 304533 | 10 | <0.2 | 0.43 | <5 | 10 | <5 | 0.29 | <1 | 10 | 119 | 1 | 1.78 | <10 | 0.27 | 64 | 2 | 0.02 | 16 | 110 | 6 | <5 | <20 | 1 | <0.01 | <10 | 25 | <10 | <1 | 4 | |
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Resplit:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 304501 | 10 | <0.2 | 2.67 | <5 | 30 | 5 | 2.37 | <1 | 45 | 193 | 72 | 7.15 | <10 | 3.35 | 1238 | 4 | 0.02 | 100 | 750 | 28 | <5 | <20 | 27 | 0.01 | <10 | 162 | <10 | <1 | 65 | |
| <i>Repeat:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 304501 | 10 | 0.2 | 2.85 | <5 | 40 | 10 | 2.35 | <1 | 44 | 211 | 73 | 7.73 | <10 | 3.52 | 1248 | 3 | 0.03 | 103 | 730 | 26 | <5 | <20 | 27 | 0.02 | <10 | 184 | <10 | <1 | 62 | |
| 10 | 304510 | 20 | <0.2 | 0.57 | <5 | 35 | 10 | 1.13 | <1 | 76 | 39 | 12 | 7.08 | <10 | 0.63 | 358 | 4 | 0.04 | 64 | 360 | 8 | <5 | <20 | 16 | 0.04 | <10 | 80 | <10 | <1 | 16 | |
| 19 | 304519 | 10 | <0.2 | 2.24 | <5 | 30 | 10 | 0.58 | <1 | 31 | 198 | 9 | 6.08 | <10 | 2.24 | 370 | 4 | 0.02 | 90 | 660 | 22 | <5 | <20 | 9 | 0.02 | <10 | 139 | <10 | <1 | 44 | |
| <i>Standard:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO '04 | | 145 | 1.4 | 1.38 | 50 | 135 | <5 | 1.29 | <1 | 15 | 54 | 82 | 3.59 | <10 | 0.73 | 545 | <1 | 0.02 | 25 | 530 | 20 | <5 | <20 | 53 | 0.19 | <10 | 66 | <10 | 10 | 74 | |

JJ/jm
df/2004
XLS/04

B.C. Certified Assayer

4.2 2005 Analytical results

Table with columns: ELEMENT SAMPLES, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ge, Se. Rows include various sample identifiers like IRL15 17+00E, IRL15 17+25E, etc., and STANDARD DS6.

Table with columns: ELEMENT SAMPLES, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Hg, Sc, Tl, S, Ga, Se. The table contains 51 rows of elemental concentration data for various samples.

Table with columns for ELEMENT, SAMPLES, Mo ppm, Cu ppm, Pb ppm, Zn ppm, Ag ppm, Ni ppm, Co ppm, Mn ppm, Fe %, As ppm, U ppm, Au ppm, Th ppm, Sr ppm, Cd ppm, Sb ppm, Bi ppm, V ppm, Ca %, P %, La ppm, Cr ppm, Mg %, Ba ppm, Tl ppm, B ppm, Al %, Na %, K %, W ppm, Hg ppm, Sc ppm, Ti ppm, S %, Ga ppm, Se ppm. The table contains numerous rows of analytical data for various elements and samples.

| ELEMENT SAMPLES | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Tl ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|------|--------|----------|-------|-------|-------|----------|----------|----------|----------|----------|------|--------|--------|-----|
| IRL22 16+00W | 0.4 | 6.3 | 14.9 | 66 | 0.1 | 12.8 | 9.6 | 727 | 155 | 5.3 | 0.3 | 1.1 | 2.7 | 12 | 0.1 | 0.3 | 0.3 | 26 | 0.08 | 0.034 | 13 | 13.1 | 0.17 | 200 | 0.073 <1 | 1.85 | 0.012 | 0.09 | 0.1 | 0.02 | 1.8 | 0.1 <0.5 | | | 6 <5 | | |
| IRL22 15+75W | 0.3 | 9.2 | 11.6 | 47 <1 | | 14 | 7 | 227 | 175 | 4.4 | 0.4 <5 | | 4.5 | 11 | 0.1 | 0.6 | 0.2 | 23 | 0.1 | 0.017 | 24 | 19.6 | 0.39 | 104 | 0.026 <1 | 1.26 | 0.004 | 0.15 | 0.1 <0.1 | 1.8 | 0.1 <0.5 | | | 4 <5 | | | |
| IRL22 15+50W | 0.3 | 9.7 | 15.3 | 52 | 0.1 | 18.7 | 8.1 | 842 | 184 | 5 | 0.5 <5 | | 4.7 | 16 | 0.1 | 0.6 | 0.3 | 25 | 0.12 | 0.044 | 17 | 16.3 | 0.29 | 198 | 0.061 | 1 | 2 | 0.01 | 0.15 | 0.2 | 0.03 | 1.8 | 0.1 <0.5 | | | 5 <5 | |
| IRL22 15+25W | 0.4 | 10.3 | 10.7 | 37 | 0.1 | 11.8 | 7.4 | 177 | 168 | 5.6 | 0.4 <5 | | 4.8 | 8 | 0.1 | 0.6 | 0.3 | 19 | 0.05 | 0.016 | 22 | 13 | 0.28 | 109 | 0.028 <1 | 1.16 | 0.006 | 0.12 | 0.1 | 0.01 | 1.2 | 0.1 <0.5 | | | 4 <5 | | |
| IRL22 15+100W | 0.4 | 11.5 | 11.7 | 49 | 0.1 | 15.1 | 9 | 690 | 158 | 5.4 | 0.3 | 0.5 | 4.9 | 14 | 0.1 | 0.6 | 0.3 | 21 | 0.1 | 0.023 | 18 | 11.2 | 0.21 | 146 | 0.047 <1 | 1.3 | 0.01 | 0.13 | 0.1 | 0.02 | 1.4 | 0.1 <0.5 | | | 4 | 0.5 | |
| IRL22 14+75W | 0.3 | 10 | 14.2 | 55 | 0.1 | 17.4 | 8 | 998 | 167 | 9.1 | 0.4 | 0.6 | 4.4 | 20 | 0.1 | 0.4 | 0.3 | 22 | 0.13 | 0.033 | 18 | 11.9 | 0.23 | 210 | 0.066 | 1 | 1.94 | 0.012 | 0.15 | 0.1 | 0.02 | 1.9 | 0.1 <0.5 | | | 5 <5 | |
| IRL22 14+50W | 0.3 | 13.5 | 18.7 | 52 | 0.1 | 17.7 | 9.4 | 867 | 195 | 5.2 | 0.6 | 1 | 4.4 | 24 | 0.2 | 0.6 | 0.3 | 23 | 0.17 | 0.026 | 24 | 16.8 | 0.29 | 183 | 0.047 | 1 | 1.77 | 0.011 | 0.2 | 0.1 | 0.03 | 1.9 | 0.2 <0.5 | | | 5 | 0.5 |
| IRL22 14+25W | 0.3 | 12.7 | 15.8 | 37 | 0.1 | 12.9 | 7.1 | 193 | 175 | 5.9 | 0.6 | 0.6 | 5.3 | 5 <1 | | 0.9 | 0.3 | 17 | 0.02 | 0.014 | 24 | 14.3 | 0.32 | 59 | 0.028 <1 | 1 | 1.08 | 0.004 | 0.14 | 0.1 <0.1 | 1.3 | 0.1 <0.5 | | | 3 <5 | | |
| STANDARD DS6 | 11.5 | 125.7 | 29 | 148 | 0.3 | 24.8 | 13.8 | 700 | 292 | 21.5 | 6.1 | 48 | 3 | 41 | 5.9 | 3.5 | 4.9 | 58 | 0.89 | 0.074 | 15 | 191.8 | 0.56 | 164 | 0.093 | 17 | 1.84 | 0.073 | 0.17 | 3.4 | 0.24 | 3.3 | 1.6 <0.5 | | | 6 | 4.2 |

Table with columns: ELEMENT, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Se, Br, V, Ca, P, La, Cr, Mg, Ba, B, Al, Na, K, W, Hg, Sc, Ti, S, Ga, Se. Rows include samples like RL22-14-00V, RL22-12-00V, etc., and a STANDARD D56 section.

| ELEMENT SAMPLES | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Br ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|---------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|------|--------|-----------|-------|------|-------|------|-------|--------|--------|-----------|-----|--------|--------|
| IRL20-1-00W | 0.3 | 10 | 10.7 | 55 < 1 | | 14.2 | 7 | 333 | 1.85 | 7.6 | 0.4 < 5 | | 5.7 | 5 | 0.1 | 0.7 | 0.3 | 23 | 0.13 | 0.041 | 17 | 16.7 | 0.33 | 133 | 0.04 | 1 | 1.21 | 0.005 | 0.13 | 0.1 | 0.01 | 1.6 | 0.1 < 0.5 | | 3 < 5 | |
| IRL20-0-75W | 0.4 | 21.9 | 29.4 | 70 | 0.1 | 29.1 | 12.9 | 1317 | 2.71 | 15.2 | 0.9 < 5 | | 8.6 | 5 | 0.2 | 1.2 | 0.5 | 36 | 0.14 | 0.042 | 27 | 39.5 | 0.57 | 210 | 0.059 | 1 | 1.97 | 0.004 | 0.2 | 0.1 | 0.02 | 2.8 | 0.2 < 0.5 | | 5 < 5 | |
| IRL20-0-50W | 0.4 | 22 | 17.6 | 76 | 0.1 | 26.9 | 11.6 | 801 | 2.72 | 14.2 | 1 | 0.7 | 9.9 | 5 | 0.1 | 1.1 | 0.4 | 32 | 0.12 | 0.053 | 26 | 31.1 | 0.52 | 166 | 0.075 < 1 | 1 | 2.37 | 0.005 | 0.7 | 0.1 | 0.02 | 3 | 0.2 < 0.5 | | 6 < 5 | |
| IRL20-0-25W | 0.4 | 16 | 15.4 | 68 | 0.1 | 17.8 | 10 | 1724 | 2.21 | 9.5 | 0.6 < 5 | | 7.8 | 32 | 0.4 | 0.9 | 0.5 | 23 | 0.27 | 0.066 | 27 | 18.3 | 0.94 | 302 | 0.046 | 1 | 1.56 | 0.005 | 0.9 | 0.1 | 0.04 | 2.4 | 0.1 < 0.5 | | 4 < 5 | |
| STANDARD DS6 | 11.3 | 119.6 | 29.7 | 140 | 0.3 | 24 | 10.4 | 688 | 2.89 | 21 | 6.3 | 46.7 | 3.1 | 38 | 6.1 | 3.5 | 5.1 | 57 | 0.67 | 0.072 | 13 | 166.9 | 0.56 | 162 | 0.077 | 18 | 1.89 | 0.072 | 0.5 | 3.6 | 0.23 | 3.1 | 1.7 < 0.5 | | 6 | 4.3 |

Appendix 4.2.2 Rock sample results

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
 To Borelog Exploration Inc. PROJECT IR05-002
 Acme file # A502050 Received MAY 18 2005 * 2 samples in this disk file

Analysis GROUP IDX : 15 GM

| ELEMENT SAMPLES | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
|-----------------|------|-------|-----|-----|-----|------|------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-----|------|-------|-----|-------|------|-----|-------|-----|------|-------|------|-----|------|-----|-----|------|-----|-----|
| ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| AHRR001 | 0.6 | 38.9 | 7.5 | 32 | 0.1 | 5.3 | 5.5 | 234 | 3.03 | 169 | 1.1 | 0.8 | 7.8 | 7 | 0.1 | 0.3 | 0.4 | 38 | 0.15 | 0.049 | 15 | 15 | 0.43 | 127 | 0.119 | 1 | 1.36 | 0.039 | 0.55 | 0.7 | 0.01 | 7 | 0.2 | 0.05 | 6 | 0.5 |
| STANDARD | 11.4 | 118.6 | 29 | 144 | 0.3 | 24.7 | 10.5 | 729 | 2.88 | 20.8 | 6.5 | 48.5 | 3.1 | 38 | 5.8 | 3.6 | 4.9 | 5.7 | 0.88 | 0.086 | 14 | 191.9 | 0.59 | 163 | 0.063 | 18 | 1.94 | 0.078 | 0.15 | 3.6 | 0.24 | 3.1 | 1.7 | 0.05 | 6 | 4.3 |

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
 To Borelog Exploration Inc. PROJECT IR03-03
 Acme file # A502123 Received MAY 20 2005 * 2 samples in this disk file

Analysis GROUP IDX : 15 GM

| ELEMENT SAMPLES | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
|-----------------|------|-------|------|-----|-----|------|------|-----|------|-------|-----|------|------|-----|-----|-----|-----|-----|------|-------|-----|-------|------|-----|-------|-----|------|-------|------|-----|------|-----|-----|------|-----|-----|
| ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| JGR002 | 1.5 | 143.9 | 12.2 | 126 | 0.1 | 9.9 | 14.6 | 927 | 9.23 | 113.1 | 2 | 68.9 | 11.7 | 52 | 0.1 | 0.2 | 12 | 44 | 0.1 | 0.036 | 46 | 30.4 | 1.93 | 150 | 0.208 | 1 | 4.22 | 0.341 | 3.03 | 0.1 | 0.01 | 6.3 | 1.8 | 0.14 | 21 | 0.7 |
| STANDARD | 11.3 | 122.3 | 28.1 | 146 | 0.3 | 24.2 | 10.4 | 719 | 2.86 | 21.3 | 6.4 | 47.5 | 3 | 36 | 5.8 | 3.2 | 4.7 | 5.6 | 0.88 | 0.075 | 14 | 194.8 | 0.58 | 167 | 0.077 | 19 | 1.93 | 0.073 | 0.16 | 3.2 | 0.23 | 3.2 | 1.6 | 0.05 | 6 | 4.3 |
| AHRS004 | 0.3 | 17.4 | 31.1 | 43 | 0.1 | 16 | 12.1 | 466 | 2.25 | 6 | 1.1 | 0.7 | 6.6 | 18 | 0.2 | 1.4 | 0.4 | 21 | 0.15 | 0.029 | 38 | 19.5 | 0.37 | 54 | 0.032 | 1 | 0.91 | 0.004 | 0.14 | 0.1 | 0.02 | 1.8 | 0.1 | 0.05 | 3 | 0.5 |

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
 To Borelog Exploration Inc. PROJECT IRON RANGE
 Acme file # A502200 Received MAY 26 2005 * 2 samples in this disk file

Analysis GROUP IDX : 15 GM

| ELEMENT SAMPLES | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se |
|-----------------|------|-------|------|-----|-----|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|------|-------|-----|-------|------|-----|-------|-----|------|-------|------|-----|------|-----|-----|------|-----|-----|
| ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | |
| AHRR001 | 0.3 | 6.6 | 14.8 | 181 | 0.1 | 44.9 | 29.5 | 1515 | 6.01 | 5.6 | 0.1 | 0.5 | 1.8 | 58 | 0.1 | 0.1 | 3.4 | 128 | 4.18 | 0.024 | 6 | 171.1 | 3.52 | 28 | 0.043 | 1 | 3.87 | 0.311 | 0.13 | 0.1 | 0.01 | 10 | 0.1 | 0.05 | 8 | 0.5 |
| STANDARD | 11.3 | 120.6 | 28.7 | 146 | 0.3 | 25.7 | 10.8 | 697 | 2.95 | 21.3 | 6.6 | 46.5 | 3.1 | 41 | 6.1 | 3.3 | 4.9 | 5.8 | 0.88 | 0.075 | 15 | 189 | 0.59 | 164 | 0.096 | 17 | 1.86 | 0.074 | 0.17 | 3.4 | 0.23 | 3.5 | 1.7 | 0.05 | 6 | 4.4 |

Appendix 4.2.3 Silt sample results

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT

To Bootleg Exploration Inc PROJECT IR05-002

Acme file # A502049 Received MAY 18 2005 5 samples in this disk file

Analysis GROUP IDX - 15 GM

| ELEMENT Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
|------------|------|-------|------|-----|-----|------|------|-----|------|-------|-----|------|-----|----|-----|-----|-----|------|-------|-------|------|-------|------|-------|-------|------|-------|-------|------|------|------|-----|------|------|-----|-----|
| G-1 | 0.6 | 1.9 | 2.5 | 46 | 0.1 | 6.5 | 3.9 | 584 | 1.85 | 0.5 | 2 | 0.5 | 3.9 | 49 | 0.1 | 0.1 | 39 | 0.41 | 0.004 | 7 | 81.6 | 0.64 | 229 | 0.124 | 1 | 1.32 | 0.069 | 0.57 | 0.1 | 0.01 | 2.7 | 0.4 | 0.05 | 5 | 0.5 | |
| HCIRS 001 | 0.4 | 25.7 | 9.6 | 37 | 0.1 | 16.5 | 11.4 | 468 | 2.26 | 26.2 | 1.4 | 2.9 | 4.3 | 22 | 0.2 | 0.9 | 0.2 | 37 | 0.37 | 0.04 | 25 | 20.4 | 0.41 | 52 | 0.038 | 1 | 1.51 | 0.006 | 0.15 | 0.2 | 0.03 | 3.8 | 0.1 | <25 | 3 | <5 |
| AHHR 002 | 0.5 | 83.3 | 17.6 | 67 | 0.4 | 29.6 | 19.5 | 775 | 3.5 | 103.5 | 3.4 | 3.5 | 4.2 | 33 | 0.2 | 0.8 | 0.3 | 81 | 1.35 | 0.06 | 33 | 29.4 | 0.71 | 115 | 0.09 | 2 | 2.28 | 0.02 | 0.38 | 0.3 | 0.05 | 7.5 | 0.2 | 0.1 | 6 | 1.9 |
| AHHR 003 | 0.6 | 58.7 | 20.7 | 47 | 0.4 | 21.9 | 16.8 | 465 | 2.78 | 84.9 | 3.8 | 5.7 | 4.9 | 25 | 0.2 | 1.1 | 0.3 | 60 | 0.99 | 0.05 | 29 | 28.8 | 0.57 | 91 | 0.073 | 2 | 2.03 | 0.02 | 0.25 | 0.1 | 0.04 | 5.6 | 0.2 | 0.09 | 5 | 2 |
| AHRS001 | 0.4 | 28.9 | 11.2 | 41 | 0.1 | 18.2 | 12.7 | 501 | 2.49 | 35 | 2.6 | 2 | 5.1 | 18 | 0.1 | 0.3 | 36 | 0.32 | 0.042 | 23 | 21.9 | 0.42 | 50 | 0.042 | 1 | 1 | 0.098 | 0.16 | 0.2 | 0.02 | 3.8 | 0.1 | 0.06 | 3 | 0.5 | |
| STANDAR | 11.3 | 125.8 | 30.4 | 145 | 0.3 | 25 | 10.8 | 720 | 2.83 | 22.4 | 6.8 | 48.6 | 2.9 | 40 | 6.1 | 3.6 | 5.2 | 54 | 0.93 | 0.081 | 14 | 184.9 | 0.6 | 164 | 0.06 | 17 | 1.94 | 0.073 | 0.17 | 3.4 | 0.23 | 3.2 | 1.8 | 0.05 | 6 | 4.4 |

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT

To Bootleg Exploration Inc PROJECT IR05-003

Acme file # A502122 Received MAY 20 2005 5 samples in this disk file

Analysis GROUP IDX - 15.00 GM

| ELEMENT Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
|------------|------|-------|------|-----|-----|------|------|------|------|------|-----|-----|-----|----|-----|-----|-----|------|-------|-------|------|-------|------|-------|-------|------|-------|-------|------|------|------|-----|------|------|-----|-----|
| G-3 | 0.7 | 2 | 2.5 | 39 | 0.1 | 5.9 | 3.6 | 452 | 1.77 | 0.5 | 2.1 | 1.2 | 4 | 51 | 0.1 | 0.1 | 31 | 0.43 | 0.075 | 8 | 77.9 | 0.5 | 168 | 0.107 | 1 | 0.84 | 0.075 | 0.48 | 0.2 | 0.01 | 2.3 | 0.3 | 0.05 | 4 | 0.5 | |
| HCIRS002 | 0.4 | 44.1 | 20.5 | 48 | 0.2 | 32.1 | 17.3 | 1039 | 2.82 | 14.6 | 1.6 | 0.5 | 3.4 | 43 | 0.3 | 1 | 9.4 | 4.7 | 0.56 | 0.078 | 25 | 11.3 | 0.59 | 66 | 0.045 | 2 | 1.87 | 0.011 | 0.13 | 0.1 | 0.07 | 6.9 | 0.1 | 0.05 | 5 | 0.5 |
| AHHR004 | 0.3 | 1.4 | 31.1 | 43 | 0.1 | 18 | 12.1 | 465 | 2.25 | 6 | 1.1 | 0.7 | 4.6 | 18 | 0.2 | 1.4 | 0.4 | 21 | 0.16 | 0.029 | 38 | 19.5 | 0.37 | 94 | 0.032 | 1 | 0.91 | 0.004 | 0.14 | 0.1 | 0.02 | 1.8 | 0.1 | 0.05 | 3 | 0.5 |
| JCIRS006 | 0.4 | 29.7 | 11.1 | 40 | 0.2 | 21.1 | 14.6 | 614 | 2.56 | 18.5 | 1.3 | 0.9 | 4 | 22 | 0.2 | 0.8 | 0.3 | 41 | 0.34 | 0.045 | 22 | 21.8 | 0.46 | 81 | 0.051 | 1 | 1.38 | 0.009 | 0.15 | 0.2 | 0.05 | 4 | 0.1 | 0.05 | 4 | 0.5 |
| STANDAR | 11.4 | 124.8 | 30.5 | 145 | 0.3 | 24.4 | 10.6 | 689 | 2.87 | 21.7 | 6.7 | 4.7 | 3.1 | 38 | 6.3 | 3.6 | 4.8 | 53 | 0.87 | 0.079 | 14 | 184.6 | 0.59 | 163 | 0.08 | 17 | 1.92 | 0.075 | 0.16 | 3.6 | 0.23 | 3.2 | 1.7 | <0.5 | 6 | 4.4 |

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT

To Bootleg Exploration Inc PROJECT IRON RANGE

Acme file # A502199 Received MAY 26 2005 5 samples in this disk file

Analysis GROUP IDX - 15.00 GM

| ELEMENT Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
|------------|------|-------|------|-----|-----|------|------|------|------|-------|-----|-----|-----|----|-----|-----|-----|-----|------|-------|----|-------|------|-----|-------|----|------|-------|------|-----|------|-----|-----|------|----|-----|
| AHRS005 | 0.4 | 17.3 | 27.1 | 51 | 0.1 | 18.9 | 7.9 | 86.0 | 1.78 | 6.3 | 5.1 | 0.6 | 3 | 40 | 0.4 | 1.2 | 0.4 | 1.7 | 0.31 | 0.041 | 52 | 15 | 0.28 | 146 | 0.022 | 1 | 1.37 | 0.006 | 0.13 | 0.1 | 0.05 | 1.6 | 0.1 | 0.05 | 3 | 0.5 |
| AHRS006 | 0.5 | 48.2 | 15.4 | 62 | 0.3 | 26 | 14.4 | 540 | 2.89 | 110.4 | 7.5 | 3.8 | 5.9 | 21 | 0.2 | 1.4 | 0.4 | 45 | 0.59 | 0.044 | 40 | 25.6 | 0.52 | 75 | 0.069 | 1 | 1.71 | 0.011 | 0.27 | 0.2 | 0.04 | 4.7 | 0.2 | 0.05 | 5 | 1.6 |
| HCIRS003 | 0.3 | 18.8 | 27.5 | 49 | 0.6 | 23.2 | 8.9 | 406 | 1.86 | 40.2 | 3.6 | 0.5 | 3.7 | 28 | 0.7 | 0.5 | 0.3 | 29 | 0.67 | 0.022 | 14 | 85 | 0.52 | 55 | 0.06 | 3 | 1.75 | 0.02 | 0.12 | 0.1 | 0.04 | 1.9 | 0.1 | 0.05 | 4 | 1.5 |
| JCIRS007 | 0.4 | 38.3 | 12.2 | 50 | 0.2 | 22.5 | 16.5 | 519 | 2.82 | 86.3 | 4 | 2.3 | 5.7 | 16 | 0.1 | 1.2 | 0.3 | 50 | 0.42 | 0.037 | 34 | 21.7 | 0.5 | 62 | 0.07 | 1 | 1.5 | 0.01 | 0.25 | 0.2 | 0.04 | 4.8 | 0.2 | 0.05 | 4 | 1 |
| STANDAR | 11.5 | 125.7 | 29 | 148 | 0.3 | 24.8 | 10.8 | 700 | 2.92 | 21.5 | 6.1 | 4.8 | 3 | 41 | 5.9 | 3.5 | 4.9 | 56 | 0.89 | 0.074 | 15 | 181.8 | 0.55 | 164 | 0.093 | 17 | 1.94 | 0.073 | 0.17 | 3.4 | 0.24 | 3.3 | 1.6 | 0.05 | 6 | 4.2 |

From ACME ANALYTICAL LABORATORIES LTD 852 E HASTINGS ST VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT

To Bootleg Exploration Inc PROJECT IR05-005

Acme file # A502237 Received MAY 30 2005 5 samples in this disk file

Analysis GROUP IDX - 15.00 GM

| ELEMENT Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | |
|------------|------|-------|------|-----|-----|------|------|------|------|------|-----|------|------|----|-----|-----|-----|------|-------|-------|------|------|------|-------|-------|------|-------|-------|------|------|------|------|------|------|-----|-----|
| G-4 | 0.8 | 4.3 | 2.7 | 47 | 0.1 | 8.7 | 4.8 | 555 | 1.96 | 0.6 | 2.3 | 1.6 | 3.9 | 61 | 0.1 | 0.1 | 41 | 0.51 | 0.078 | 9 | 79.6 | 0.65 | 214 | 0.131 | 1 | 1.02 | 0.009 | 0.45 | 0.2 | 0.02 | 2.6 | 0.4 | 0.05 | 5 | 0.5 | |
| BSIRS001 | 0.4 | 44.7 | 15.4 | 63 | 0.2 | 24.8 | 11.9 | 266 | 2.58 | 57.3 | 5 | 1.2 | 6.6 | 22 | 0.2 | 1 | 0.3 | 45 | 0.62 | 0.037 | 34 | 22.2 | 0.52 | 69 | 0.071 | 2 | 1.98 | 0.013 | 0.22 | 0.1 | 0.05 | 4.8 | 0.2 | 0.05 | 5 | 1.3 |
| HCIRS004 | 0.9 | 68.5 | 33.3 | 129 | 0.3 | 48.3 | 27.9 | 1947 | 4.95 | 52.3 | 4.4 | 0.6 | 17.2 | 38 | 0.5 | 0.9 | 0.9 | 69 | 0.52 | 0.076 | 65 | 42 | 0.71 | 305 | 0.12 | 3 | 5.76 | 0.025 | 0.38 | 0.22 | 0.03 | 11.8 | 0.6 | 0.05 | 13 | 0.8 |
| HCIRS005 | 0.3 | 38.4 | 12.9 | 46 | 0.2 | 19.5 | 12.1 | 385 | 2.32 | 89.1 | 4 | 4 | 5.3 | 18 | 0.2 | 1.2 | 0.3 | 42 | 0.5 | 0.038 | 35 | 19.1 | 0.42 | 60 | 0.059 | 1 | 1.5 | 0.011 | 0.2 | 0.2 | 0.04 | 4.5 | 0.2 | 0.05 | 4 | 1.1 |
| HCIRS006 | 0.3 | 37.3 | 17.7 | 58 | 0.1 | 21.7 | 17.4 | 572 | 2.45 | 26.2 | 1.7 | 21.5 | 6.7 | 22 | 0.3 | 0.9 | 0.4 | 38 | 0.29 | 0.057 | 62 | 19.8 | 0.47 | 96 | 0.079 | 1 | 1.58 | 0.013 | 0.23 | 0.2 | 0.02 | 5.1 | 0.2 | 0.05 | 4 | 0.6 |
| STANDAR | 11.1 | 127.1 | 27.8 | 144 | 0.3 | 26 | 10.9 | 703 | 2.86 | 20.9 | 6.2 | 4.8 | 3.1 | 43 | 6.1 | 3.6 | 5 | 61 | 0.91 | 0.081 | 17 | 191 | 0.59 | 162 | 0.095 | 19 | 2.02 | 0.076 | 0.17 | 3.3 | 0.21 | 3.5 | 1.7 | 0.05 | 6 | 4.6 |

Appendix 4.2.4 Diamond drill sample results

16-May-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2005-321

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 9
Sample type: Core
Project #: Not Indicated
Shipment #: Not Indicated
Samples submitted by: Hunter Corrigan

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|-----|------|------|----|----|------|----|----|-----|----|------|-----|------|-----|----|-------|----|-----|------|-----|-----|----|-------|-----|---|-----|----|------|
| 1 | 304974 | 45 | 2.3 | 0.44 | 235 | 25 | <5 | 0.52 | <1 | 16 | 75 | 36 | 3.06 | <10 | 0.40 | 406 | 2 | 0.02 | 15 | 160 | 30 | <5 | <20 | 27 | <0.01 | <10 | 4 | <10 | <1 | 52 |
| 2 | 304952 | 225 | 2.5 | 0.48 | 2310 | 35 | <5 | 0.14 | <1 | 14 | 67 | 24 | 3.12 | 20 | 0.03 | 136 | 2 | 0.01 | 19 | 350 | 174 | 50 | <20 | 12 | <0.01 | <10 | 5 | <10 | <1 | 265 |
| 3 | 304953 | 450 | 3.0 | 0.44 | 3225 | 25 | <5 | 0.31 | <1 | 13 | 56 | 25 | 3.37 | <10 | 0.10 | 122 | 3 | <0.01 | 19 | 220 | 504 | 45 | <20 | 18 | <0.01 | <10 | 4 | <10 | <1 | 325 |
| 4 | 304954 | 200 | 4.8 | 0.44 | 1380 | 25 | <5 | 0.76 | <1 | 14 | 53 | 29 | 3.05 | <10 | 0.34 | 457 | 2 | <0.01 | 18 | 240 | 116 | 30 | <20 | 54 | <0.01 | <10 | 4 | <10 | <1 | 154 |
| 5 | 304955 | >1000 | 4.1 | 0.40 | 6985 | 30 | <5 | 0.37 | <1 | 13 | 68 | 17 | 3.48 | <10 | 0.12 | 189 | 1 | <0.01 | 15 | 180 | 1792 | 90 | <20 | 25 | <0.01 | <10 | 4 | <10 | <1 | 1106 |
| 6 | 304956 | 240 | 6.2 | 0.24 | 3020 | 20 | <5 | 0.29 | <1 | 6 | 101 | 18 | 1.05 | 10 | 0.09 | 242 | <1 | 0.01 | 5 | 130 | 462 | 165 | <20 | 15 | <0.01 | <10 | 2 | <10 | <1 | 277 |
| 7 | 304957 | 255 | 3.3 | 0.36 | 2280 | 25 | <5 | 1.03 | <1 | 9 | 95 | 34 | 2.08 | <10 | 0.35 | 488 | 2 | 0.02 | 16 | 300 | 166 | 65 | <20 | 67 | <0.01 | <10 | 4 | <10 | 2 | 209 |
| 8 | 304958 | 35 | 1.0 | 0.29 | 380 | 25 | <5 | 0.60 | <1 | 3 | 106 | 10 | 0.98 | <10 | 0.19 | 227 | <1 | 0.03 | 5 | 160 | 32 | 15 | <20 | 27 | <0.01 | <10 | 3 | <10 | <1 | 81 |
| 9 | 304959 | 25 | 9.3 | 0.49 | 185 | 30 | <5 | 0.52 | <1 | 3 | 121 | 46 | 1.26 | <10 | 0.17 | 146 | 1 | 0.06 | 6 | 170 | 10 | 25 | <20 | 23 | <0.01 | <10 | 3 | <10 | 2 | 27 |

QC DATA:

Resplit:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|----|-----|------|-----|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|----|
| 1 | 304974 | 40 | 2.3 | 0.45 | 265 | 30 | <5 | 0.50 | <1 | 17 | 75 | 40 | 3.20 | <10 | 0.41 | 400 | 4 | 0.03 | 18 | 170 | 28 | <5 | <20 | 26 | <0.01 | <10 | 5 | <10 | <1 | 43 |
|---|--------|----|-----|------|-----|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|----|

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|-----|-----|------|-----|----|----|------|----|----|----|----|------|----|------|-----|---|------|----|-----|----|---|-----|----|-------|-----|---|-----|----|----|
| 1 | 304974 | 40 | 2.3 | 0.43 | 255 | 25 | <5 | 0.56 | <1 | 17 | 72 | 37 | 3.23 | 10 | 0.43 | 432 | 3 | 0.03 | 16 | 180 | 32 | 5 | <20 | 27 | <0.01 | <10 | 5 | <10 | <1 | 56 |
| 3 | 304953 | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '05 | | 130 | 1.6 | 1.74 | 50 | 150 | <5 | 1.58 | <1 | 19 | 53 | 91 | 3.63 | <10 | 0.93 | 667 | <1 | 0.03 | 24 | 640 | 24 | <5 | <20 | 52 | 0.11 | <10 | 69 | <10 | 9 | 73 |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|

JJ/jm
df/321
XLS/05

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

CERTIFICATE OF ASSAY AK 2005-321

BOOTLEG EXPLORATION INC.

#200, 16-11TH Ave S.

Cranbrook, BC

V1C 2P1

17-May-05

No. of samples received: 9

Sample type: Core

Project #: Not Indicated

Shipment #: Not Indicated

Samples submitted by: Hunter Corrigan

| <u>ET #.</u> | <u>Tag #</u> | <u>Au (g/t)</u> | <u>Au (oz/t)</u> |
|--------------|--------------|---------------------|----------------------|
| 5 | 304955 | 1.02 | 0.030 |

QC DATA:

Repeat:

| | | | |
|---|--------|------|-------|
| 5 | 304955 | 1.06 | 0.031 |
|---|--------|------|-------|

Standard:

| | | | |
|-------|--|------|-------|
| Ox123 | | 1.82 | 0.053 |
|-------|--|------|-------|

JJ/jj
XLS/05

ECO TECH LABORATORY LTD.

Jutta Jealouse

B.C. Certified Assayer

16-May-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2005-322

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 15
Sample type: Core
Project #: Not Indicated
Shipment #: Not Indicated
Samples submitted by: Hunter Corrigan

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|------|------|------|----|----|------|----|----|-----|----|------|----|------|-----|----|-------|----|------|----|----|-----|-----|-------|-----|-----|-----|----|----|
| 1 | 304981 | 15 | <0.2 | 0.70 | 140 | 35 | <5 | 0.51 | <1 | 31 | 75 | 2 | 1.49 | 40 | 0.34 | 248 | 2 | 0.02 | 18 | 210 | 8 | <5 | <20 | 7 | 0.01 | <10 | 3 | <10 | 30 | 15 |
| 2 | 304982 | 20 | <0.2 | 0.43 | 1570 | 30 | <5 | 1.75 | <1 | 37 | 50 | 1 | 1.46 | 10 | 0.29 | 484 | 2 | 0.01 | 18 | 320 | 50 | <5 | <20 | 26 | <0.01 | <10 | 4 | <10 | 26 | 14 |
| 3 | 304983 | 10 | <0.2 | 0.33 | 50 | 25 | <5 | 1.21 | <1 | 4 | 70 | 1 | 0.59 | 20 | 0.12 | 365 | 2 | <0.01 | 6 | 250 | 14 | <5 | <20 | 18 | <0.01 | <10 | 3 | <10 | 21 | 7 |
| 4 | 304984 | 10 | <0.2 | 0.27 | 370 | 20 | <5 | 0.43 | <1 | 8 | 133 | 2 | 0.27 | 40 | 0.02 | 69 | 1 | 0.01 | 8 | 210 | 6 | <5 | <20 | 7 | <0.01 | <10 | 2 | <10 | 16 | 1 |
| 5 | 304985 | 15 | <0.2 | 0.31 | 1150 | 25 | <5 | 0.36 | <1 | 20 | 66 | 2 | 0.25 | 40 | 0.02 | 48 | 2 | 0.01 | 14 | 320 | 6 | <5 | <20 | 4 | <0.01 | <10 | 2 | <10 | 12 | 2 |
| 6 | 304986 | 10 | <0.2 | 0.24 | 10 | 20 | <5 | 0.29 | 1 | 5 | 121 | 2 | 0.18 | 30 | 0.01 | 39 | <1 | <0.01 | 6 | 320 | <2 | <5 | <20 | <1 | <0.01 | <10 | 2 | <10 | 11 | <1 |
| 7 | 304987 | 10 | <0.2 | 0.48 | <5 | 25 | <5 | 1.91 | <1 | 7 | 117 | 5 | 2.31 | 30 | 0.38 | 426 | 3 | 0.02 | 8 | 280 | 6 | <5 | <20 | 40 | 0.06 | <10 | 177 | <10 | 19 | 14 |
| 8 | 304988 | 15 | <0.2 | 0.28 | 75 | 25 | <5 | 0.30 | <1 | 4 | 123 | 4 | 0.22 | 30 | 0.02 | 61 | 1 | 0.01 | 5 | 300 | 4 | <5 | <20 | 2 | <0.01 | <10 | 3 | <10 | 7 | 2 |
| 9 | 304989 | 10 | <0.2 | 0.27 | 20 | 25 | <5 | 0.36 | <1 | 3 | 97 | 2 | 0.19 | 40 | 0.02 | 46 | 3 | 0.02 | 5 | 350 | 30 | <5 | <20 | 2 | <0.01 | <10 | 3 | <10 | 10 | 4 |
| 10 | 304990 | 10 | <0.2 | 0.25 | <5 | 20 | <5 | 0.23 | 1 | 2 | 138 | 4 | 0.23 | 30 | 0.04 | 42 | <1 | 0.01 | 4 | 270 | <2 | <5 | <20 | <1 | <0.01 | <10 | 2 | <10 | 4 | 1 |
| 11 | 304991 | 10 | <0.2 | 0.33 | <5 | 25 | <5 | 1.45 | 1 | 6 | 100 | 8 | 0.89 | 30 | 0.57 | 200 | 3 | 0.02 | 24 | 560 | 34 | 5 | <20 | 34 | <0.01 | <10 | 11 | <10 | 11 | 87 |
| 12 | 304992 | 10 | <0.2 | 0.64 | 35 | 60 | <5 | 4.49 | <1 | 22 | 131 | 10 | 2.21 | 20 | 2.17 | 660 | 2 | 0.03 | 67 | 1390 | 6 | 15 | <20 | 136 | 0.03 | <10 | 36 | <10 | 19 | 23 |
| 13 | 304993 | 10 | <0.2 | 0.27 | 20 | 25 | <5 | 0.17 | <1 | 15 | 92 | 2 | 0.21 | 40 | 0.05 | 31 | 3 | 0.02 | 7 | 320 | 4 | <5 | <20 | 4 | <0.01 | <10 | 3 | <10 | 6 | 3 |
| 14 | 304994 | 10 | <0.2 | 0.29 | 10 | 25 | <5 | 0.09 | 1 | 8 | 123 | 2 | 0.20 | 40 | 0.02 | 22 | 1 | 0.01 | 6 | 310 | 2 | <5 | <20 | <1 | <0.01 | <10 | 3 | <10 | 6 | 2 |
| 15 | 304995 | 10 | <0.2 | 0.26 | 10 | 20 | <5 | 0.23 | 1 | 6 | 111 | 2 | 0.22 | 30 | 0.06 | 37 | 3 | 0.01 | 6 | 380 | <2 | <5 | <20 | <1 | <0.01 | <10 | 2 | <10 | 5 | 2 |

QC DATA:

Resplit:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|----|------|------|-----|----|----|------|----|----|----|---|------|----|------|-----|---|------|----|-----|---|----|-----|---|-------|-----|---|-----|----|----|
| 1 | 304981 | 15 | <0.2 | 0.74 | 135 | 35 | <5 | 0.59 | <1 | 39 | 72 | 2 | 1.54 | 30 | 0.35 | 266 | 1 | 0.03 | 20 | 220 | 6 | <5 | <20 | 5 | <0.01 | <10 | 3 | <10 | 28 | 18 |
|---|--------|----|------|------|-----|----|----|------|----|----|----|---|------|----|------|-----|---|------|----|-----|---|----|-----|---|-------|-----|---|-----|----|----|

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|--------|----|------|------|-----|----|----|------|----|----|-----|---|------|----|------|-----|----|------|----|-----|----|----|-----|---|-------|-----|---|-----|----|----|
| 1 | 304981 | 15 | <0.2 | 0.73 | 140 | 30 | <5 | 0.54 | <1 | 35 | 76 | 2 | 1.56 | 40 | 0.35 | 259 | 1 | 0.02 | 19 | 230 | 10 | <5 | <20 | 4 | <0.01 | <10 | 3 | <10 | 31 | 17 |
| 10 | 304990 | 15 | <0.2 | 0.24 | <5 | 25 | <5 | 0.23 | 1 | 2 | 136 | 4 | 0.23 | 30 | 0.04 | 39 | <1 | 0.01 | 4 | 260 | <2 | <5 | <20 | 2 | <0.01 | 20 | 2 | <10 | 5 | 1 |

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '05 | | 135 | 1.6 | 1.82 | 50 | 145 | <5 | 1.67 | <1 | 21 | 56 | 85 | 3.85 | <10 | 0.97 | 707 | <1 | 0.03 | 25 | 700 | 20 | <5 | <20 | 52 | 0.12 | <10 | 69 | <10 | 9 | 76 |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jj/jm
df/321
XLS/05

16-May-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2005-323

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 10
Sample type: Core
Project #: Not Indicated
Shipment #: Not Indicated
Samples submitted by: Hunter Corrigan

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|--------|---------|------|------|------|----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|-----|------|----|----|-----|-----|-------|-----|----|-----|----|-----|
| 1 | 304960 | 65 | 25.5 | 0.73 | 545 | 35 | <5 | 0.65 | <1 | 12 | 43 | 128 | 3.01 | <10 | 0.28 | 221 | 2 | 0.01 | 20 | 280 | 76 | 90 | <20 | 33 | <0.01 | <10 | 5 | <10 | <1 | 117 |
| 2 | 304961 | 40 | 3.7 | 0.56 | 365 | 25 | <5 | 0.50 | 2 | 8 | 58 | 24 | 2.21 | <10 | 0.22 | 177 | 3 | 0.02 | 11 | 250 | 90 | 30 | <20 | 27 | <0.01 | <10 | 3 | <10 | <1 | 574 |
| 3 | 304962 | 15 | 1.1 | 0.61 | 125 | 30 | <5 | 0.76 | <1 | 9 | 86 | 23 | 2.50 | 50 | 0.37 | 293 | 4 | 0.04 | 23 | 280 | 16 | <5 | <20 | 29 | <0.01 | <10 | 8 | <10 | 15 | 30 |
| 4 | 304963 | 15 | 1.2 | 0.94 | 150 | 75 | <5 | 5.50 | <1 | 39 | 155 | 36 | 4.35 | 10 | 5.43 | 1002 | 2 | <0.01 | 251 | 1340 | 4 | 10 | <20 | 334 | 0.01 | <10 | 49 | <10 | <1 | 20 |
| 5 | 304964 | 20 | 1.6 | 0.53 | 125 | 40 | <5 | 0.46 | <1 | 13 | 23 | 26 | 3.39 | <10 | 0.47 | 375 | 3 | 0.01 | 20 | 330 | 4 | <5 | <20 | 16 | <0.01 | <10 | 5 | <10 | 2 | 84 |
| 6 | 304965 | 30 | 1.1 | 0.49 | 185 | 30 | <5 | 0.56 | <1 | 13 | 52 | 38 | 3.10 | <10 | 0.42 | 337 | 3 | 0.02 | 20 | 230 | 10 | <5 | <20 | 23 | <0.01 | <10 | 5 | <10 | 2 | 16 |
| 7 | 304966 | 40 | 2.1 | 0.70 | 175 | 20 | <5 | 0.48 | <1 | 20 | 103 | 54 | 3.85 | <10 | 0.30 | 251 | 3 | 0.04 | 32 | 130 | 16 | <5 | <20 | 22 | <0.01 | <10 | 4 | <10 | <1 | 45 |
| 8 | 304967 | 35 | 3.5 | 0.78 | 135 | 30 | <5 | 0.44 | <1 | 13 | 57 | 30 | 3.49 | <10 | 0.35 | 312 | 3 | 0.02 | 20 | 210 | 78 | <5 | <20 | 19 | <0.01 | <10 | 5 | <10 | 1 | 197 |
| 9 | 304968 | 30 | 1.2 | 0.61 | 60 | 30 | <5 | 0.64 | <1 | 15 | 44 | 28 | 3.31 | 10 | 0.42 | 359 | 3 | 0.02 | 17 | 280 | 8 | <5 | <20 | 26 | <0.01 | <10 | 4 | <10 | 4 | 34 |
| 10 | 304969 | 105 | 1.2 | 0.42 | 1320 | 25 | <5 | 0.47 | <1 | 10 | 49 | 13 | 2.69 | <10 | 0.35 | 302 | 2 | 0.01 | 16 | 260 | 18 | <5 | <20 | 26 | <0.01 | <10 | 4 | <10 | 2 | 12 |

QC DATA:

Resplit:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|----|------|------|-----|----|----|------|----|----|----|-----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|-----|
| 1 | 304960 | 70 | 25.6 | 0.71 | 445 | 35 | <5 | 0.67 | <1 | 10 | 57 | 137 | 2.92 | <10 | 0.28 | 222 | 2 | 0.01 | 18 | 270 | 66 | 90 | <20 | 34 | <0.01 | <10 | 5 | <10 | <1 | 127 |
|---|--------|----|------|------|-----|----|----|------|----|----|----|-----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|-----|

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|----|------|------|-----|----|----|------|----|----|----|-----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|-----|
| 1 | 304960 | 65 | 25.6 | 0.76 | 540 | 35 | <5 | 0.65 | <1 | 12 | 44 | 127 | 2.98 | <10 | 0.28 | 231 | 2 | 0.01 | 20 | 280 | 72 | 85 | <20 | 32 | <0.01 | <10 | 5 | <10 | <1 | 117 |
|---|--------|----|------|------|-----|----|----|------|----|----|----|-----|------|-----|------|-----|---|------|----|-----|----|----|-----|----|-------|-----|---|-----|----|-----|

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|
| GEO '05 | | 140 | 1.5 | 1.63 | 50 | 145 | <5 | 1.51 | <1 | 18 | 59 | 86 | 3.66 | <10 | 0.89 | 643 | <1 | 0.02 | 26 | 610 | 22 | <5 | <20 | 54 | 0.10 | <10 | 63 | <10 | 9 | 74 |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|---|----|

JJ/jm
df/321
XLS/05

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

16-May-05

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2005-324

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 12
Sample type: Core/Grab
Project #: Not Indicated
Shipment #: Not Indicated
Samples submitted by: Hunter Corrigan

Values in ppm unless otherwise reported

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|-------|----------------------|---------|------|------|------|----|----|------|----|----|-----|-----|------|-----|------|------|----|-------|----|-----|--------|-----|-----|-----|-------|-----|-----|-----|----|------|
| 1 | 304970 | 280 | 3.8 | 0.35 | 2785 | 30 | <5 | 0.76 | <1 | 12 | 71 | 19 | 2.85 | <10 | 0.34 | 343 | 3 | 0.02 | 18 | 170 | 48 | <5 | <20 | 54 | <0.01 | <10 | 3 | <10 | <1 | 123 |
| 2 | 304971 | 390 | 11.2 | 0.39 | 2795 | 25 | <5 | 0.78 | <1 | 9 | 75 | 38 | 2.37 | <10 | 0.32 | 332 | 3 | 0.01 | 13 | 220 | 188 | 25 | <20 | 55 | <0.01 | <10 | 3 | <10 | 1 | 572 |
| 3 | 304972 | >1000 | >30 | 0.35 | 9480 | 35 | <5 | 0.55 | <1 | 27 | 85 | 156 | 4.61 | <10 | 0.21 | 246 | 3 | <0.01 | 39 | 170 | 1254 | 225 | <20 | 38 | <0.01 | <10 | 3 | <10 | <1 | 1538 |
| 4 | 304973 | >1000 | >30 | 0.48 | 7325 | 35 | <5 | 0.66 | 19 | 15 | 48 | 225 | 5.53 | <10 | 0.30 | 463 | <1 | 0.01 | 24 | 190 | >10000 | 60 | <20 | 45 | <0.01 | <10 | 3 | <10 | <1 | 7585 |
| 5 | 304975 (318.6-319.6) | 30 | <0.2 | 1.19 | 25 | 75 | <5 | 0.40 | 2 | 14 | 99 | 10 | 2.48 | 20 | 0.56 | 307 | 1 | 0.03 | 14 | 260 | 20 | <5 | <20 | 8 | 0.06 | <10 | 3 | <10 | 22 | 236 |
| 6 | 76.6 IRO5-1 | 10 | <0.2 | 0.43 | 20 | 25 | <5 | 4.56 | <1 | 41 | 57 | 150 | 6.35 | <10 | 2.98 | 1209 | 4 | 0.02 | 52 | 230 | 6 | <5 | <20 | 79 | <0.01 | <10 | 107 | <10 | <1 | 59 |
| 7 | 82.0 IRO5-1 | 15 | <0.2 | 0.23 | 80 | 15 | <5 | 0.10 | <1 | 9 | 121 | 7 | 1.73 | 20 | 0.03 | 239 | 2 | 0.04 | 14 | 190 | 12 | <5 | <20 | 9 | <0.01 | <10 | 5 | <10 | 6 | 27 |
| 8 | 136.6 IRO5-1 | 10 | <0.2 | 0.03 | <5 | <5 | <5 | 0.30 | 1 | 1 | 175 | 4 | 0.33 | <10 | 0.04 | 87 | 4 | 0.02 | 6 | 30 | 4 | <5 | <20 | 2 | <0.01 | <10 | <1 | <10 | 21 | 5 |
| 9 | 272.0 IRO5-1 | 310 | 0.7 | 0.23 | 1185 | 30 | 10 | 1.97 | <1 | 18 | 61 | 14 | 3.36 | <10 | 0.55 | 449 | 3 | <0.01 | 22 | 40 | 40 | <5 | <20 | 30 | <0.01 | <10 | 2 | <10 | <1 | 17 |
| 10 | 294.0 IRO5-1 | 10 | 1.2 | 0.89 | <5 | 15 | 10 | 0.32 | 5 | 6 | 143 | 10 | 2.13 | <10 | 0.47 | 319 | 3 | 0.03 | 13 | 90 | 128 | <5 | <20 | 7 | 0.03 | <10 | 11 | <10 | 15 | 390 |
| 11 | 408.5 IRO5-1 | 20 | <0.2 | 0.10 | 20 | <5 | <5 | 1.60 | <1 | 15 | 96 | 3 | 1.56 | <10 | 0.52 | 309 | 2 | 0.07 | 13 | 20 | 12 | <5 | <20 | 20 | <0.01 | <10 | 36 | <10 | <1 | 15 |
| 12 | 49.0 IRO5 | 10 | <0.2 | 0.09 | <5 | 20 | 10 | >10 | <1 | 7 | 6 | 8 | 6.85 | <10 | 5.81 | 2681 | 3 | 0.02 | 8 | <10 | 20 | <5 | <20 | 215 | <0.01 | <10 | 13 | <10 | 53 | 166 |

QC DATA:

Resplit:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|-----|-----|------|------|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|---|-----|----|-------|-----|---|-----|----|-----|
| 1 | 304970 | 290 | 4.1 | 0.33 | 2770 | 25 | <5 | 0.71 | <1 | 11 | 63 | 22 | 2.87 | <10 | 0.32 | 325 | 2 | 0.02 | 16 | 170 | 60 | 5 | <20 | 51 | <0.01 | <10 | 3 | <10 | <1 | 120 |
|---|--------|-----|-----|------|------|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|---|-----|----|-------|-----|---|-----|----|-----|

Repeat:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|-----|-----|------|------|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|---|-----|----|-------|-----|---|-----|----|-----|
| 1 | 304970 | 275 | 3.9 | 0.34 | 2790 | 25 | <5 | 0.73 | <1 | 11 | 69 | 19 | 2.73 | <10 | 0.33 | 329 | 4 | 0.02 | 16 | 160 | 46 | 5 | <20 | 54 | <0.01 | <10 | 3 | <10 | <1 | 117 |
|---|--------|-----|-----|------|------|----|----|------|----|----|----|----|------|-----|------|-----|---|------|----|-----|----|---|-----|----|-------|-----|---|-----|----|-----|

Standard:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|
| GEO '05 | | 140 | 1.6 | 1.71 | 45 | 145 | <5 | 1.57 | <1 | 19 | 51 | 85 | 3.55 | <10 | 0.93 | 667 | <1 | 0.03 | 22 | 640 | 20 | <5 | <20 | 54 | 0.11 | <10 | 63 | <10 | 10 | 74 |
|---------|--|-----|-----|------|----|-----|----|------|----|----|----|----|------|-----|------|-----|----|------|----|-----|----|----|-----|----|------|-----|----|-----|----|----|

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jm
df/325
XLS/05

CERTIFICATE OF ASSAY AK 2005-324

BOOTLEG EXPLORATION INC.

#200, 16-11TH Ave S.

Cranbrook, BC

V1C 2P1

25-May-05

No. of samples received: 12

Sample type: Core/Grab

Project #: Not Indicated

Shipment #: Not Indicated

Samples submitted by: Hunter Corrigan

| <u>ET #.</u> | <u>Tag #</u> | <u>Au (g/t)</u> | <u>Au (oz/t)</u> | <u>Ag (g/t)</u> | <u>Ag (oz/t)</u> | <u>Pb (%)</u> |
|--------------|--------------|---------------------|----------------------|---------------------|----------------------|-------------------|
| 3 | 304972 | 1.29 | 0.038 | 38.0 | 1.11 | |
| 4 | 304973 | 6.35 | 0.185 | 54.0 | 1.58 | 1.17 |

QC DATA:

Repeat:

3 304972

37.0 1.08

Standard:

Pb106

SN16

8.16 0.238

57.0 1.66 0.52

JJ/jj
XLS/05

ECO TECH LABORATORY LTD.

Jutta Jealouse

B.C. Certified Assayer

APPENDIX V

2004/2005 SAMPLE LOCATIONS AND DESCRIPTIONS

5.1 Soil Samples

5.2 Silt Samples

5.3 Rock Samples

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|----------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IR4L01 00+00 | BR | 5/7/2004 | 544926.07016 | 5447018.005238 | brown | Select | | 15 | B | 4 | | |
| IR4L01 02+00E | BR | 5/7/2004 | 545153.11098 | 5447018.005238 | brown | Select | | 15 | B | 5 | | |
| IRL08BS 00+00 | JC | 5/7/2004 | 544858.10962 | 5447773.031554 | | | | | | 0 | | |
| IRL08BS 00+25E | BR | 5/7/2004 | 544882.12863 | 5447773.570405 | brown | Select | | 15 | B | 4 | | |
| IRL08BS 00+25W | JC | 5/7/2004 | 544834.42777 | 5447773.168238 | | | | | | 0 | | |
| IRL08BS 00+50E | BR | 5/7/2004 | 544906.14763 | 5447774.109257 | | | | | | 0 | | |
| IRL08BS 00+50W | JC | 5/7/2004 | 544810.74592 | 5447773.304922 | | | | | | 0 | | |
| IRL08BS 00+75E | BR | 5/7/2004 | 544930.16664 | 5447774.648108 | | | | | | 0 | | |
| IRL08BS 00+75W | JC | 5/7/2004 | 544787.06407 | 5447773.441606 | | | | | | 0 | | |
| IRL08BS 01+00E | BR | 5/7/2004 | 544954.18565 | 5447775.186959 | | | | | | 0 | | |
| IRL08BS 01+00W | JC | 5/7/2004 | 544763.38221 | 5447773.57829 | | | | | | 0 | | |
| IRL08BS 01+25E | BR | 5/7/2004 | 544978.20465 | 5447775.72581 | | | | | | 0 | | |
| IRL08BS 01+25W | JC | 5/7/2004 | 544739.70036 | 5447773.714973 | | | | | | 0 | | |
| IRL08BS 01+50E | BR | 5/7/2004 | 545002.22366 | 5447776.264661 | | | | | | 0 | | |
| IRL08BS 01+50W | JC | 5/7/2004 | 544716.01851 | 5447773.851657 | | | | | | 0 | | |
| IRL08BS 01+75E | BR | 5/7/2004 | 545026.24266 | 5447776.803512 | | | | | | 0 | | |
| IRL08BS 01+75W | JC | 5/7/2004 | 544692.33666 | 5447773.988341 | | | | | | 0 | | |
| IRL08BS 02+00E | BR | 5/7/2004 | 545050.26167 | 5447777.342363 | | | | | | 0 | | |
| IRL08BS 02+00W | JC | 5/7/2004 | 544668.65480 | 5447774.125025 | | | | | | 0 | | |
| IRL08BS 02+25E | BR | 5/7/2004 | 545074.28067 | 5447777.881215 | | | | | | 0 | | |
| IRL08BS 02+25W | JC | 5/7/2004 | 544644.97295 | 5447774.261709 | | | | | | 0 | | |
| IRL08BS 02+50E | BR | 5/7/2004 | 545098.29968 | 5447778.420066 | | | | | | 0 | | |
| IRL08BS 02+50W | JC | 5/7/2004 | 544621.2911 | 5447774.398393 | | | | | | 0 | | |
| IRL08BS 02+75E | BR | 5/7/2004 | 545122.31869 | 5447778.958917 | | | | | | 0 | | |
| IRL08BS 02+75W | JC | 5/7/2004 | 544597.60925 | 5447774.535076 | | | | | | 0 | | |
| IRL08BS 03+00E | BR | 5/7/2004 | 545146.33769 | 5447779.497768 | | | | | | 0 | | |
| IRL08BS 03+00W | JC | 5/7/2004 | 544573.92739 | 5447774.671760 | | | | | | 0 | | |
| IRL08BS 03+25E | BR | 5/7/2004 | 545170.3567 | 5447780.036619 | | | | | | 0 | | |
| IRL08BS 03+25W | JC | 5/7/2004 | 544550.24554 | 5447774.808444 | | | | | | 0 | | |
| IRL08BS 03+50E | BR | 5/7/2004 | 545194.37570 | 5447780.575470 | | | | | | 0 | | |
| IRL08BS 03+50W | JC | 5/7/2004 | 544526.56369 | 5447774.945128 | | | | | | 0 | | |
| IRL08BS 03+75E | BR | 5/7/2004 | 545218.39471 | 5447781.114321 | | | | | | 0 | | |
| IRL08BS 03+75W | JC | 5/7/2004 | 544502.88184 | 5447775.081812 | | | | | | 0 | | |
| IRL08BS 04+00E | BR | 5/7/2004 | 545242.41371 | 5447781.653172 | | | | | | 0 | | |
| IRL08BS 04+00W | JC | 5/7/2004 | 544479.19998 | 5447775.218495 | | | | | | 0 | | |
| IRL08BS 04+25E | BR | 5/7/2004 | 545266.43272 | 5447782.192024 | | | | | | 0 | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|----------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL08BS 04+25W | JC | 5/7/2004 | 544455.51813 | 5447775.355179 | | | | | | 0 | | |
| IRL08BS 04+50E | BR | 5/7/2004 | 545290.45173 | 5447782.730875 | | | | | | 0 | | |
| IRL08BS 04+50W | JC | 5/7/2004 | 544431.83628 | 5447775.491863 | | | | | | 0 | | |
| IRL08BS 04+75E | BR | 5/7/2004 | 545314.47073 | 5447783.269726 | | | | | | 0 | | |
| IRL08BS 04+75W | JC | 5/7/2004 | 544408.15443 | 5447775.628547 | | | | | | 0 | | |
| IRL08BS 05+00E | BR | 5/7/2004 | 545338.48974 | 5447783.808577 | | | | | | 0 | | |
| IRL08BS 05+00W | JC | 5/7/2004 | 544384.47258 | 5447775.765231 | | | | | | 0 | | |
| IRL08BS 05+25E | BR | 5/7/2004 | 545362.50874 | 5447784.347428 | grey | Select | | 15 | B | 4 | | |
| IRL08BS 05+25W | JC | 5/7/2004 | 544360.79072 | 5447775.901915 | | | | | | 0 | | |
| IRL08BS 05+50E | BR | 5/7/2004 | 545386.52775 | 5447784.886279 | brown | Select | | 25 | Select | 4 | | |
| IRL08BS 05+50W | JC | 5/7/2004 | 544337.10887 | 5447776.038598 | | | | | | 0 | | |
| IRL08BS 05+75E | BR | 5/7/2004 | 545410.54675 | 5447785.425130 | | | | | | 0 | | |
| IRL08BS 05+75W | JC | 5/7/2004 | 544313.42702 | 5447776.175282 | | | | | | 0 | | |
| IRL08BS 06+00E | BR | 5/7/2004 | 545434.56576 | 5447785.963982 | | | | | | 0 | | |
| IRL08BS 06+00W | JC | 5/7/2004 | 544289.74517 | 5447776.311966 | | | | | | 0 | | |
| IRL08BS 06+25E | BR | 5/7/2004 | 545458.58476 | 5447786.502833 | | | | | | 0 | | |
| IRL08BS 06+25W | JC | 5/7/2004 | 544266.06331 | 5447776.44865 | | | | | | 0 | | |
| IRL08BS 06+50E | BR | 5/7/2004 | 545482.60377 | 5447787.041684 | | | | | | 0 | | |
| IRL08BS 06+50W | JC | 5/7/2004 | 544242.38146 | 5447776.585334 | | | | | | 0 | | |
| IRL08BS 06+75E | BR | 5/7/2004 | 545506.62278 | 5447787.580535 | grey | black | | 25 | B | 4 | | |
| IRL08BS 06+75W | JC | 5/7/2004 | 544218.69961 | 5447776.722017 | | | | | | 0 | | |
| IRL08BS 07+00E | BR | 5/7/2004 | 545530.64178 | 5447788.119386 | brown | black | | 25 | Select | 5 | | |
| IRL08BS 07+00W | JC | 5/7/2004 | 544195.01776 | 5447776.858701 | | | | | | 0 | | |
| IRL08BS 07+25E | BR | 5/7/2004 | 545554.66079 | 5447788.658237 | | | | | | 0 | | |
| IRL08BS 07+50E | BR | 5/7/2004 | 545578.67979 | 5447789.197088 | | | | | | 0 | | |
| IRL08BS 07+75E | BR | 5/7/2004 | 545602.6988 | 5447789.735939 | | | | | | 0 | | |
| IRL08BS 08+00E | BR | 5/7/2004 | 545626.71780 | 5447790.274791 | | | | | | 0 | | |
| IRL08BS 08+25E | BR | 5/7/2004 | 545650.73681 | 5447790.813642 | | | | | | 0 | | |
| IRL08BS 08+50E | BR | 5/7/2004 | 545674.75582 | 5447791.352493 | | | | | | 0 | | |
| IRL08BS 08+75E | BR | 5/7/2004 | 545698.77482 | 5447791.891344 | reddish | rusty | | 15 | B | 4 | | |
| IRL08BS 09+00E | BR | 5/7/2004 | 545722.79383 | 5447792.430195 | | | | | | 0 | | |
| IRL08BS 09+25E | BR | 5/7/2004 | 545746.81283 | 5447792.969046 | | | | | | 0 | | |
| IRL08BS 09+50E | BR | 5/7/2004 | 545770.83184 | 5447793.507897 | | | | | | 0 | | |
| IRL08BS 09+75E | BR | 5/7/2004 | 545794.85084 | 5447794.046748 | | | | | | 0 | | |
| IR4L02 00+25W | JC | 5/10/2004 | 544120.77273 | 5446116.5 | brown | Select | | 25 | B | 5 | | |
| IR4L02 00+50W | JC | 5/10/2004 | 544096.54545 | 5446117 | brown | Select | | 25 | B | 5 | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IR4L02 00+75W | JC | 5/10/2004 | 544072.31818 | 5446117.5 | brown | Select | | 25 | B | 5 | | |
| IR4L02 01+00W | JC | 5/10/2004 | 544048.09091 | 5446118 | brown | Select | | 25 | B | 5 | | |
| IR4L02 01+25W | JC | 5/10/2004 | 544023.86364 | 5446118.5 | | | | | | 0 | | |
| IR4L02 01+50W | JC | 5/10/2004 | 543999.63636 | 5446119 | | | | | | 0 | | |
| IR4L02 01+75W | JC | 5/10/2004 | 543975.40909 | 5446119.5 | | | | | | 0 | | |
| IR4L02 02+00W | JC | 5/10/2004 | 543951.18182 | 5446120 | | | | | | 0 | | |
| IR4L02 02+25W | JC | 5/10/2004 | 543926.95455 | 5446120.5 | | | | | | 0 | | |
| IR4L02 02+50W | JC | 5/10/2004 | 543902.72727 | 5446121 | | | | | | 0 | | |
| IR4L02 02+75W | JC | 5/10/2004 | 543878.5 | 5446121.5 | | | | | | 0 | | |
| IR4L02 03+00W | JC | 5/10/2004 | 543854.27273 | 5446122 | | | | | | 0 | | |
| IR4L02 03+25W | JC | 5/10/2004 | 543830.04545 | 5446122.5 | | | | | | 0 | | |
| IR4L02 03+50W | JC | 5/10/2004 | 543805.81818 | 5446123 | | | | | | 0 | | |
| IR4L02 03+75W | JC | 5/10/2004 | 543781.59091 | 5446123.5 | | | | | | 0 | | |
| IR4L02 04+00W | JC | 5/10/2004 | 543757.36364 | 5446124 | | | | | | 0 | | |
| IR4L02 04+25W | JC | 5/10/2004 | 543733.13636 | 5446124.5 | | | | | | 0 | | |
| IR4L02 04+50W | JC | 5/10/2004 | 543708.90909 | 5446125 | | | | | | 0 | | |
| IR4L02 04+75W | JC | 5/10/2004 | 543684.68182 | 5446125.5 | | | | | | 0 | | |
| IR4L02 05+00W | JC | 5/10/2004 | 543660.45455 | 5446126 | dark | brown | | 25 | B | 5 | | |
| IR4L02 05+25W | JC | 5/10/2004 | 543636.22727 | 5446126.5 | | | | | | 0 | | |
| IR4L02 05+50W | JC | 5/10/2004 | 543612 | 5446127 | brown | Select | | 25 | B | 5 | LINE_END | |
| IR4L03 00+25E | JC | 5/10/2004 | 544059.04065 | 5445918.743178 | brown | brown | | 15 | B | 4 | | |
| IR4L03 00+50E | JC | 5/10/2004 | 544081.46341 | 5445921.208438 | brown | Select | | 25 | B | 5 | | |
| IR4L03 00+75E | JC | 5/10/2004 | 544103.88618 | 5445923.673698 | | | | | | 0 | | |
| IR4L03 01+00E | JC | 5/10/2004 | 544126.30894 | 5445926.138959 | | | | | | 0 | | |
| IR4L03 01+25E | JC | 5/10/2004 | 544148.73171 | 5445928.604219 | | | | | | 0 | | |
| IR4L03 01+50E | JC | 5/10/2004 | 544171.15447 | 5445931.069479 | | | | | | 0 | | |
| IR4L03 01+75E | JC | 5/10/2004 | 544193.57724 | 5445933.53474 | | | | | | 0 | | |
| IR4L03 02+00E | JC | 5/10/2004 | 544216 | 5445936 | dark | brown | | 25 | B | 5 | LINE_END | |
| IR4L04 00+00 | JC | 5/11/2004 | 544111 | 5446756 | brown | brown | | 25 | B | 5 | LINE_START | |
| IR4L04 00+25E | JC | 5/11/2004 | 544134.09589 | 5446756.076445 | dark | brown | | 25 | B | 4 | | |
| IR4L04 00+50E | JC | 5/11/2004 | 544157.19178 | 5446756.152890 | dark | brown | | 25 | B | 4 | | |
| IR4L04 00+75E | JC | 5/11/2004 | 544180.28767 | 5446756.229336 | brown | orange | | 15 | B | 5 | | |
| IR4L04 01+00E | JC | 5/11/2004 | 544203.38356 | 5446756.305781 | brown | orange | | 25 | B | 4 | | |
| IR4L04 01+25E | JC | 5/11/2004 | 544226.47944 | 5446756.382226 | brown | orange | | 25 | B | 5 | | |
| IR4L04 01+50E | JC | 5/11/2004 | 544249.57533 | 5446756.458671 | brown | orange | | 15 | B | 4 | | |
| IR4L04 01+75E | JC | 5/11/2004 | 544272.67122 | 5446756.535116 | brown | orange | | 35 | B | 4 | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|------------|
| IR4L04 02+00E | JC | 5/11/2004 | 544295.76711 | 5446756.611562 | brown | orange | | 25 | B | 5 | | |
| IR4L04 02+25E | JC | 5/11/2004 | 544318.863 | 5446756.688007 | dark | brown | | 25 | B | 4 | | |
| IR4L04 02+50E | JC | 5/11/2004 | 544341.95889 | 5446756.764452 | brown | orange | | 25 | B | 4 | | |
| IR4L04 02+75E | JC | 5/11/2004 | 544365.05478 | 5446756.840897 | brown | orange | | 25 | B | 4 | | |
| IR4L04 03+00E | JC | 5/11/2004 | 544388.12934 | 5446757.499595 | brown | orange | | 25 | B | 5 | | |
| IR4L04 03+25E | JC | 5/11/2004 | 544411.16891 | 5446759.11325 | brown | orange | | 25 | B | 5 | | |
| IR4L04 03+50E | JC | 5/11/2004 | 544434.20849 | 5446760.726905 | orange | brown | | 25 | B | 5 | | |
| IR4L04 03+75E | JC | 5/11/2004 | 544457.24806 | 5446762.340559 | orange | brown | | 25 | B | 5 | | |
| IR4L04 04+00E | JC | 5/11/2004 | 544480.28764 | 5446763.954214 | orange | brown | | 25 | B | 5 | | |
| IR4L04 04+25E | JC | 5/11/2004 | 544503.32721 | 5446765.567869 | orange | brown | | 15 | B | 4 | | |
| IR4L04 04+50E | JC | 5/11/2004 | 544526.36679 | 5446767.181524 | orange | brown | | 15 | B | 4 | | |
| IR4L04 04+75E | JC | 5/11/2004 | 544549.40637 | 5446768.795178 | brown | brown | | 15 | B | 4 | | |
| IR4L04 05+00E | JC | 5/11/2004 | 544572.44594 | 5446770.408833 | orange | brown | | 25 | B | 5 | | |
| IR4L04 08+00? | JC | 5/11/2004 | 544895 | 5446793 | orange | brown | | 25 | B | 5 | | |
| IR4L06 0+00 | JC | 5/11/2004 | 544113 | 5447510 | | | | | | 0 | | |
| IR4L06 8+00E | JC | 5/11/2004 | 544847 | 5447553 | | | | | | 0 | | |
| IR1400S 8+25E | | 5/12/2004 | 544168.56812 | 5446305.63024 | | | | | | | | |
| IR1500S 5+50W | | 5/12/2004 | 543682.6735 | 5446138.38428 | | | | | | | | |
| IR1500S 5+75W | | 5/12/2004 | 543661.58888 | 5446128.15636 | | | | | | | | |
| IR1500S 6+00W | | 5/12/2004 | 543636.0515 | 5446119.07821 | | | | | | | | |
| IR1500S 6+25W | | 5/12/2004 | 543613.86193 | 5446106.58076 | | | | | | | | |
| IR1500S 6+50W | | 5/12/2004 | 543591.63938 | 5446103.20144 | | | | | | | | |
| IR1500S 6+75W | | 5/12/2004 | 543566.09375 | 5446099.82213 | | | | | | | | |
| IR1500S 7+00W | | 5/12/2004 | 543542.78275 | 5446090.74398 | | | | | | | | |
| IR1500S 7+25W | | 5/12/2004 | 543515.01899 | 5446082.8056 | | | | | | | | |
| IR1500S 7+50W | | 5/12/2004 | 543495.02282 | 5446080.55605 | | | | | | | | |
| IR1500S 7+75W | | 5/12/2004 | 543469.4772 | 5446074.9072 | | | | | | | | |
| IR1500S 8+00W | | 5/12/2004 | 543447.26289 | 5446071.53789 | | | | | | | | |
| IR1500S 8+25W | | 5/12/2004 | 543419.4744 | 5446073.86741 | | | | | | | | |
| IR1500S 8+50W | | 5/12/2004 | 543399.45349 | 5446080.74601 | | | | | | | | |
| IR1500S 8+75W | | 5/12/2004 | 543373.86663 | 5446088.77438 | | | | | | | | |
| IR1500S 9+00W | | 5/12/2004 | 543348.32101 | 5446086.53484 | | | | | | | | |
| IR1500S 9+50W | | 5/12/2004 | 543302.77096 | 5446083.20551 | | | | | | | | |
| IR1500S 9+75W | | 5/12/2004 | 543278.33853 | 5446078.68643 | | | | | | | | |
| IR4BL 00+00 | JC | 5/12/2004 | 544056.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | LINE_START | LINE_START |
| IR4BL 00+25E | JC | 5/12/2004 | 544080.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | LINE_START | LINE_START |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|------------|
| IR4BL 00+50E | JC | 5/12/2004 | 544104.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 00+75E | JC | 5/12/2004 | 544128.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 01+00E | JC | 5/12/2004 | 544152.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 01+25E | JC | 5/12/2004 | 544176.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | LINE_START | LINE_START |
| IR4BL 01+50E | JC | 5/12/2004 | 544200.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | LINE_START | LINE_START |
| IR4BL 01+75E | JC | 5/12/2004 | 544224.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | | |
| IR4BL 02+00E | JC | 5/12/2004 | 544248.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 02+25E | JC | 5/12/2004 | 544272.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 02+50E | JC | 5/12/2004 | 544296.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 02+75E | JC | 5/12/2004 | 544320.17726 | 5448267.050998 | brown | orange | | 15 | B | 5 | LINE_START | LINE_START |
| IR4BL 03+00E | JC | 5/12/2004 | 544344.17726 | 5448267.050998 | brown | orange | | 15 | B | 5 | | |
| IR4BL 03+25E | JC | 5/12/2004 | 544368.17726 | 5448267.050998 | brown | orange | | 15 | B | 5 | | |
| IR4BL 03+50E | JC | 5/12/2004 | 544392.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | LINE_START | LINE_START |
| IR4BL 03+75E | JC | 5/12/2004 | 544416.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | | |
| IR4BL 04+00E | JC | 5/12/2004 | 544440.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | | |
| IR4BL 04+25E | JC | 5/12/2004 | 544464.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 04+50E | JC | 5/12/2004 | 544488.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 04+75E | JC | 5/12/2004 | 544512.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 05+00E | JC | 5/12/2004 | 544536.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | LINE_START | LINE_START |
| IR4BL 05+25E | JC | 5/12/2004 | 544560.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | | |
| IR4BL 05+50E | JC | 5/12/2004 | 544584.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 05+75E | JC | 5/12/2004 | 544608.17726 | 5448267.050998 | brown | orange | | 15 | B | 5 | LINE_START | LINE_START |
| IR4BL 06+00E | JC | 5/12/2004 | 544632.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 06+25E | JC | 5/12/2004 | 544656.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 06+50E | JC | 5/12/2004 | 544680.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 06+75E | JC | 5/12/2004 | 544704.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 07+00E | JC | 5/12/2004 | 544728.17726 | 5448267.050998 | tan | NA | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 07+25E | JC | 5/12/2004 | 544752.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 07+50E | JC | 5/12/2004 | 544776.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 07+75E | JC | 5/12/2004 | 544800.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 08+00E | JC | 5/12/2004 | 544824.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 08+25E | JC | 5/12/2004 | 544848.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 08+50E | JC | 5/12/2004 | 544872.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 08+75E | JC | 5/12/2004 | 544896.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 09+00E | JC | 5/12/2004 | 544920.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 09+25E | JC | 5/12/2004 | 544944.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | LINE_START | LINE_START |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|------------|
| IR4BL 09+50E | JC | 5/12/2004 | 544968.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 09+75E | JC | 5/12/2004 | 544992.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 10+00E | JC | 5/12/2004 | 545016.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 10+25E | JC | 5/12/2004 | 545040.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | LINE_START | LINE_START |
| IR4BL 10+50E | JC | 5/12/2004 | 545064.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 10+75E | JC | 5/12/2004 | 545088.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 11+00E | JC | 5/12/2004 | 545112.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 11+25E | JC | 5/12/2004 | 545136.17726 | 5448267.050998 | brown | orange | | 25 | B | 4 | ABOVE_ROAD | ABOVE_ROAD |
| IR4BL 11+50E | JC | 5/12/2004 | 545160.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | BELOW_ROAD | BELOW_ROAD |
| IR4BL 11+75E | JC | 5/12/2004 | 545184.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 12+00E | JC | 5/12/2004 | 545208.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 12+25E | JC | 5/12/2004 | 545232.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | ABOVE_ROAD | ABOVE_ROAD |
| IR4BL 12+50E | JC | 5/12/2004 | 545256.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 12+75E | JC | 5/12/2004 | 545280.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 13+00E | JC | 5/12/2004 | 545304.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 13+25E | JC | 5/12/2004 | 545328.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 13+50E | JC | 5/12/2004 | 545352.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 13+75E | JC | 5/12/2004 | 545376.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 14+00E | JC | 5/12/2004 | 545400.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 14+25E | JC | 5/12/2004 | 545424.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 14+50E | JC | 5/12/2004 | 545448.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | | |
| IR4BL 14+75E | JC | 5/12/2004 | 545472.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 15+00E | JC | 5/12/2004 | 545496.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | ABOVE_ROAD | ABOVE_ROAD |
| IR4BL 15+25E | JC | 5/12/2004 | 545520.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | BELOW_ROAD | BELOW_ROAD |
| IR4BL 15+50E | JC | 5/12/2004 | 545544.17726 | 5448267.050998 | brown | orange | | 25 | B | 5 | 5M PAST | 5M PAST |
| IR4BL 15+75E | JC | 5/12/2004 | 545568.17726 | 5448267.050998 | brown | grey | | 25 | B | 4 | 5M PAST | 5M PAST |
| IR4BL 16+00E | JC | 5/12/2004 | 545592.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | 5M PAST | 5M PAST |
| IR4L08 00+00 | BR | 5/12/2004 | 545222 | 5448010 | brown | NA | | 25 | C | 4 | LINE_START | ABOVE_ROAD |
| IR4L08 00+25E | BR | 5/12/2004 | 545245.89189 | 5448012.243243 | brown | NA | | 25 | C | 4 | | |
| IR4L08 00+25W | BR | 5/12/2004 | 545196.35714 | 5448008.428571 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 00+50E | BR | 5/12/2004 | 545269.78378 | 5448014.486486 | brown | NA | | 15 | B | 4 | ROCKY | BELOW_ROAD |
| IR4L08 00+50W | BR | 5/12/2004 | 545170.71429 | 5448006.857143 | brown | NA | | 25 | B | 4 | 5M PAST | ROCKY |
| IR4L08 00+75E | BR | 5/12/2004 | 545293.67568 | 5448016.72973 | brown | NA | | 15 | B | 4 | ROCKY | ROCKY |
| IR4L08 00+75W | BR | 5/12/2004 | 545145.07143 | 5448005.285714 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 01+00E | BR | 5/12/2004 | 545317.56757 | 5448018.972973 | brown | NA | | 15 | B | 4 | ROCKY | ROCKY |
| IR4L08 01+00W | BR | 5/12/2004 | 545119.42857 | 5448003.714286 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|--------------|
| IR4L08 01+25E | BR | 5/12/2004 | 545341.45946 | 5448021.216216 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 01+25W | BR | 5/12/2004 | 545093.78571 | 5448002.142857 | brown | NA | | 25 | B | 4 | ROCKY | BELOW_ROAD |
| IR4L08 01+50E | BR | 5/12/2004 | 545365.35135 | 5448023.459459 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 01+50W | BR | 5/12/2004 | 545068.14286 | 5448000.571429 | brown | NA | | 25 | B | 4 | ROCKY | ABOVE_ROAD |
| IR4L08 01+75E | BR | 5/12/2004 | 545389.24324 | 5448025.702703 | brown | NA | | 25 | B | 4 | | |
| IR4L08 01+75W | BR | 5/12/2004 | 545042.5 | 5447999 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+00E | BR | 5/12/2004 | 545413.13514 | 5448027.945946 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+00W | BR | 5/12/2004 | 545016.85714 | 5447997.428571 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+25E | BR | 5/12/2004 | 545437.02703 | 5448030.189189 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+25W | BR | 5/12/2004 | 544991.21429 | 5447995.857143 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+50E | BR | 5/12/2004 | 545460.91892 | 5448032.432432 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+50W | BR | 5/12/2004 | 544965.57143 | 5447994.285714 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+75E | BR | 5/12/2004 | 545484.81081 | 5448034.675676 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 02+75W | BR | 5/12/2004 | 544939.92857 | 5447992.714286 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 03+00E | BR | 5/12/2004 | 545508.70270 | 5448036.918919 | grey | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 03+00W | BR | 5/12/2004 | 544914.28571 | 5447991.142857 | brown | NA | | 25 | B | 4 | ROCKY | TOP OF CLIFF |
| IR4L08 03+25E | BR | 5/12/2004 | 545532.59459 | 5448039.162162 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 03+25W | BR | 5/12/2004 | 544888.64286 | 5447989.571429 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 03+50E | BR | 5/12/2004 | 545556.48649 | 5448041.405405 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 03+50W | BR | 5/12/2004 | 544863 | 5447988 | brown | NA | | 25 | B | 4 | LINE_END | BELOW_ROAD |
| IR4L08 03+75E | BR | 5/12/2004 | 545580.37838 | 5448043.648649 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 04+00E | BR | 5/12/2004 | 545604.27027 | 5448045.891892 | brown | grey | | 25 | B | 4 | ABOVE_ROAD | ROCKY |
| IR4L08 04+25E | BR | 5/12/2004 | 545628.16216 | 5448048.135135 | brown | grey | | 25 | B | 4 | | |
| IR4L08 04+50E | BR | 5/12/2004 | 545652.05405 | 5448050.378378 | brown | grey | | 25 | B | 4 | BELOW_ROAD | ROCKY |
| IR4L08 04+75E | BR | 5/12/2004 | 545675.94595 | 5448052.621622 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 05+00E | BR | 5/12/2004 | 545699.83784 | 5448054.864865 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 05+25E | BR | 5/12/2004 | 545723.72973 | 5448057.108108 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 05+50E | BR | 5/12/2004 | 545747.62162 | 5448059.351351 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 05+75E | BR | 5/12/2004 | 545771.51351 | 5448061.594595 | brown | NA | | 25 | B | 4 | | |
| IR4L08 06+00E | BR | 5/12/2004 | 545795.40541 | 5448063.837838 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 06+25E | BR | 5/12/2004 | 545819.2973 | 5448066.081081 | brown | grey | | 25 | B | 3 | ROCKY | ROCKY |
| IR4L08 06+50E | BR | 5/12/2004 | 545843.18919 | 5448068.324324 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 06+75E | BR | 5/12/2004 | 545867.08108 | 5448070.567568 | brown | grey | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 07+00E | BR | 5/12/2004 | 545890.97297 | 5448072.810811 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 07+25E | BR | 5/12/2004 | 545914.86486 | 5448075.054054 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 07+50E | BR | 5/12/2004 | 545938.75676 | 5448077.297297 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|-------------|
| IR4L08 07+75E | BR | 5/12/2004 | 545962.64865 | 5448079.540541 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 08+00E | BR | 5/12/2004 | 545986.54054 | 5448081.783784 | brown | NA | | 25 | B | 4 | | |
| IR4L08 08+25E | BR | 5/12/2004 | 546010.43243 | 5448084.027027 | brown | NA | | 25 | B | 4 | | |
| IR4L08 08+50E | BR | 5/12/2004 | 546034.32432 | 5448086.270270 | brown | NA | | 25 | B | 3 | BELOW_ROAD | ROCKY |
| IR4L08 08+75E | BR | 5/12/2004 | 546058.21622 | 5448088.513514 | brown | NA | | 25 | B | 3 | ROCKY | ROCKY |
| IR4L08 09+00E | BR | 5/12/2004 | 546082.10811 | 5448090.756757 | brown | NA | | 25 | B | 4 | ROCKY | ROCKY |
| IR4L08 09+25E | BR | 5/12/2004 | 546106 | 5448093 | brown | NA | | 25 | B | 4 | LINE_END | ROCKY |
| IR4L09 00+25N | JC | 5/13/2004 | 544850.58077 | 5448291.549405 | brown | NA | | 25 | B | 4 | LINE_START | IN_CLEARCUT |
| IR4L09 00+50N | JC | 5/13/2004 | 544850.36849 | 5448316.047811 | brown | orange | | 25 | B | 4 | ABOVE_ROAD | IN_CLEARCUT |
| IR4L09 00+75N | JC | 5/13/2004 | 544850.15621 | 5448340.546217 | brown | orange | | 25 | B | 4 | BELOW_ROAD | IN_CLEARCUT |
| IR4L09 01+00N | JC | 5/13/2004 | 544849.94392 | 5448365.044624 | brown | orange | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4L09 01+25N | JC | 5/13/2004 | 544849.73164 | 5448389.54303 | brown | orange | | 25 | B | 4 | IN_CLEARCUT | 5M BEFORE |
| IR4L09 01+50N | JC | 5/13/2004 | 544849.51936 | 5448414.041436 | brown | orange | | 25 | B | 4 | CROSSED_CREEK | N/A |
| IR4L09 01+75N | JC | 5/13/2004 | 544849.30707 | 5448438.539843 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L09 02+00N | JC | 5/13/2004 | 544849.09479 | 5448463.038249 | brown | orange | | 25 | B | 4 | | |
| IR4L09 02+25N | JC | 5/13/2004 | 544848.88251 | 5448487.536655 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L09 02+50N | JC | 5/13/2004 | 544848.67023 | 5448512.035061 | brown | orange | | 25 | B | 5 | | |
| IR4L09 02+75N | JC | 5/13/2004 | 544848.45794 | 5448536.533468 | brown | orange | | 25 | B | 5 | | |
| IR4L09 03+00N | JC | 5/13/2004 | 544848.24566 | 5448561.031874 | brown | orange | | 25 | B | 5 | | |
| IR4L09 03+25N | JC | 5/13/2004 | 544848.03338 | 5448585.530280 | brown | orange | | 25 | B | 5 | | |
| IR4L09 03+50N | JC | 5/13/2004 | 544847.82109 | 5448610.028687 | brown | orange | | 25 | B | 5 | | |
| IR4L09 03+75N | JC | 5/13/2004 | 544847.60881 | 5448634.527093 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L09 04+00N | JC | 5/13/2004 | 544847.39653 | 5448659.025499 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L09 04+25N | JC | 5/13/2004 | 544847.18424 | 5448683.523906 | light | brown | | 25 | B | 4 | | |
| IR4L09 04+50N | JC | 5/13/2004 | 544846.97196 | 5448708.022312 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L09 04+75N | JC | 5/13/2004 | 544846.75968 | 5448732.520718 | light | brown | | 25 | B | 5 | N/A | N/A |
| IR4L09 05+00N | JC | 5/13/2004 | 544846.5474 | 5448757.019124 | light | brown | | 25 | B | 5 | | |
| IR4L09 05+25N | JC | 5/13/2004 | 544846.33511 | 5448781.517531 | light | brown | | 25 | B | 5 | | |
| IR4L09 05+50N | JC | 5/13/2004 | 544846.12283 | 5448806.015937 | light | brown | | 25 | B | 5 | N/A | N/A |
| IR4L09 05+75N | JC | 5/13/2004 | 544845.91055 | 5448830.514343 | light | brown | | 25 | B | 5 | | |
| IR4L09 06+00N | JC | 5/13/2004 | 544845.69826 | 5448855.01275 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L09 06+25N | JC | 5/13/2004 | 544845.48598 | 5448879.511156 | brown | orange | | 25 | B | 5 | | |
| IR4L09 06+50N | JC | 5/13/2004 | 544845.2737 | 5448904.009562 | brown | orange | | 25 | B | 5 | | |
| IR4L09 06+75N | JC | 5/13/2004 | 544845.06141 | 5448928.507969 | brown | orange | | 25 | B | 5 | | |
| IR4L09 07+00N | JC | 5/13/2004 | 544844.84913 | 5448953.006375 | brown | orange | | 25 | B | 5 | | |
| IR4L09 07+25N | JC | 5/13/2004 | 544844.63685 | 5448977.504781 | brown | orange | | 25 | B | 5 | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|-------------|
| IR4L09 07+50N | JC | 5/13/2004 | 544844.42457 | 5449002.003187 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | N/A |
| IR4L09 07+75N | JC | 5/13/2004 | 544844.21228 | 5449026.501594 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | N/A |
| IR4L09 08+00N | JC | 5/13/2004 | 544844 | 5449051 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | LINE_END |
| IR4L10 00+25N | BR | 5/13/2004 | 545100.76827 | 5448293.705655 | brown | NA | | 25 | B | 4 | LINE_START | IN_CLEARCUT |
| IR4L10 00+50N | BR | 5/13/2004 | 545100.74349 | 5448320.360311 | brown | NA | | 25 | B | 4 | IN_CLEARCUT | ABOVE_ROAD |
| IR4L10 00+75N | BR | 5/13/2004 | 545100.71871 | 5448347.014967 | brown | NA | | 25 | B | 4 | IN_CLEARCUT | ABOVE_ROAD |
| IR4L10 01+00N | BR | 5/13/2004 | 545100.69392 | 5448373.669624 | brown | NA | | 25 | B | 3 | IN_CLEARCUT | ABOVE_ROAD |
| IR4L10 01+25N | BR | 5/13/2004 | 545100.66914 | 5448400.32428 | brown | NA | | 25 | B | 3 | | |
| IR4L10 01+50N | BR | 5/13/2004 | 545100.64436 | 5448426.978936 | brown | NA | | 25 | B | 4 | IN_CLEARCUT | BELOW_ROAD |
| IR4L10 01+75N | BR | 5/13/2004 | 545100.61957 | 5448453.633593 | brown | NA | | 25 | B | 4 | IN_CLEARCUT | 5M PAST |
| IR4L10 02+00N | BR | 5/13/2004 | 545100.59479 | 5448480.288249 | brown | grey | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4L10 02+25N | BR | 5/13/2004 | 545100.57001 | 5448506.942905 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L10 02+50N | BR | 5/13/2004 | 545100.54523 | 5448533.597561 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L10 02+75N | BR | 5/13/2004 | 545100.52044 | 5448560.252218 | brown | grey | | 25 | B | 4 | | |
| IR4L10 03+00N | BR | 5/13/2004 | 545100.49566 | 5448586.906874 | brown | grey | | 25 | B | 4 | CROSSED_CREEK | ABOVE_ROAD |
| IR4L10 03+25N | BR | 5/13/2004 | 545100.47088 | 5448613.561530 | brown | grey | | 25 | B | 4 | N/A | ABOVE_ROAD |
| IR4L10 03+50N | BR | 5/13/2004 | 545100.44609 | 5448640.216187 | brown | grey | | 25 | B | 4 | N/A | ABOVE_ROAD |
| IR4L10 03+75N | BR | 5/13/2004 | 545100.42131 | 5448666.870843 | brown | grey | | 25 | B | 4 | ROCKY | ABOVE_ROAD |
| IR4L10 04+00N | BR | 5/13/2004 | 545100.39653 | 5448693.525499 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L10 04+25N | BR | 5/13/2004 | 545100.37174 | 5448720.180156 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L10 04+50N | BR | 5/13/2004 | 545100.34696 | 5448746.834812 | brown | grey | | 25 | B | 4 | | |
| IR4L10 04+75N | BR | 5/13/2004 | 545100.32218 | 5448773.489468 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L10 05+00N | BR | 5/13/2004 | 545100.2974 | 5448800.144124 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L10 05+25N | BR | 5/13/2004 | 545100.27261 | 5448826.798781 | brown | NA | | 25 | B | 4 | | |
| IR4L10 05+50N | BR | 5/13/2004 | 545100.24783 | 5448853.453437 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L10 05+75N | BR | 5/13/2004 | 545100.22305 | 5448880.108093 | brown | NA | | 25 | B | 4 | | |
| IR4L10 06+00N | BR | 5/13/2004 | 545100.19826 | 5448906.76275 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L10 06+25N | BR | 5/13/2004 | 545100.17348 | 5448933.417406 | brown | NA | | 25 | B | 4 | | |
| IR4L10 06+50N | BR | 5/13/2004 | 545100.1487 | 5448960.072062 | brown | NA | | 25 | B | 4 | | |
| IR4L10 06+75N | BR | 5/13/2004 | 545100.12391 | 5448986.726719 | brown | NA | | 25 | B | 4 | | |
| IR4L10 07+00N | BR | 5/13/2004 | 545100.09913 | 5449013.381375 | brown | NA | | 25 | B | 4 | | |
| IR4L10 07+25N | BR | 5/13/2004 | 545100.07435 | 5449040.036031 | brown | rusty | | 25 | B | 4 | N/A | N/A |
| IR4L10 07+50N | BR | 5/13/2004 | 545100.04957 | 5449066.690687 | brown | grey | | 25 | B | 3 | ORGANIC | N/A |
| IR4L10 07+75N | BR | 5/13/2004 | 545100.02478 | 5449093.345344 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L10 08+00N | BR | 5/13/2004 | 545100 | 5449120 | brown | NA | | 25 | B | 4 | LINE_END | N/A |
| IR4L11 00+25N | BR | 5/13/2004 | 545350.04952 | 5448291.736905 | brown | NA | | 25 | B | 4 | LINE_START | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|--------------|
| IR4L11 00+50N | BR | 5/13/2004 | 545349.30599 | 5448316.422811 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L11 00+75N | BR | 5/13/2004 | 545348.56246 | 5448341.108717 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L11 01+00N | BR | 5/13/2004 | 545347.81892 | 5448365.794624 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L11 01+25N | BR | 5/13/2004 | 545347.07539 | 5448390.48053 | brown | NA | | 25 | B | 4 | | |
| IR4L11 01+50N | BR | 5/13/2004 | 545346.33186 | 5448415.166436 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L11 01+75N | BR | 5/13/2004 | 545345.58832 | 5448439.852343 | brown | NA | | 25 | B | 4 | BELOW_ROAD | N/A |
| IR4L11 02+00N | BR | 5/13/2004 | 545344.84479 | 5448464.538249 | brown | NA | | 25 | B | 4 | BELOW_ROAD | N/A |
| IR4L11 02+25N | BR | 5/13/2004 | 545344.10126 | 5448489.224155 | brown | NA | | 25 | B | 4 | BELOW_ROAD | STUMP_SAMPLE |
| IR4L11 02+50N | BR | 5/13/2004 | 545343.35773 | 5448513.910061 | brown | grey | | 25 | B | 4 | BELOW_ROAD | N/A |
| IR4L11 02+75N | BR | 5/13/2004 | 545342.61419 | 5448538.595968 | brown | grey | | 25 | B | 4 | | |
| IR4L11 03+00N | BR | 5/13/2004 | 545341.87066 | 5448563.281874 | brown | grey | | 25 | B | 4 | BELOW_ROAD | N/A |
| IR4L11 03+25N | BR | 5/13/2004 | 545341.12713 | 5448587.967780 | brown | NA | | 35 | B | 4 | ROCKY | N/A |
| IR4L11 03+50N | BR | 5/13/2004 | 545340.38359 | 5448612.653687 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L11 03+75N | BR | 5/13/2004 | 545339.64006 | 5448637.339593 | brown | NA | | 25 | B | 4 | CROSSED_CREEK | ROCKY |
| IR4L11 04+00N | BR | 5/13/2004 | 545338.89653 | 5448662.025499 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L11 04+25N | BR | 5/13/2004 | 545338.15299 | 5448686.711406 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L11 04+50N | BR | 5/13/2004 | 545337.40946 | 5448711.397312 | brown | NA | | 25 | B | 1 | BELOW_ROAD | N/A |
| IR4L11 04+75N | BR | 5/13/2004 | 545336.66593 | 5448736.083218 | brown | NA | | 25 | B | 4 | ABOVE_ROAD | IN_CLEARCUT |
| IR4L11 05+00N | BR | 5/13/2004 | 545335.9224 | 5448760.769124 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L11 05+25N | JC | 5/13/2004 | 545335.17886 | 5448785.455031 | brown | NA | | 25 | B | 4 | | |
| IR4L11 05+50N | JC | 5/13/2004 | 545334.43533 | 5448810.140937 | brown | NA | | 25 | B | 4 | | |
| IR4L11 05+75N | JC | 5/13/2004 | 545333.6918 | 5448834.826843 | brown | NA | | 25 | B | 4 | | |
| IR4L11 06+00N | JC | 5/13/2004 | 545332.94826 | 5448859.51275 | brown | orange | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4L11 06+25N | JC | 5/13/2004 | 545332.20473 | 5448884.198656 | brown | orange | | 25 | B | 4 | | |
| IR4L11 06+50N | JC | 5/13/2004 | 545331.4612 | 5448908.884562 | brown | orange | | 25 | B | 4 | | |
| IR4L11 06+75N | JC | 5/13/2004 | 545330.71766 | 5448933.570469 | brown | orange | | 25 | B | 4 | | |
| IR4L11 07+00N | JC | 5/13/2004 | 545329.97413 | 5448958.256375 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | N/A |
| IR4L11 07+25N | JC | 5/13/2004 | 545329.2306 | 5448982.942281 | brown | orange | | 25 | B | 5 | | |
| IR4L11 07+50N | JC | 5/13/2004 | 545328.48707 | 5449007.628187 | brown | orange | | 25 | B | 5 | | |
| IR4L11 07+75N | JC | 5/13/2004 | 545327.74353 | 5449032.314094 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | N/A |
| IR4L11 08+00N | JC | 5/13/2004 | 545327 | 5449057 | brown | orange | | 25 | B | 5 | IN_CLEARCUT | LINE_END |
| IR4BL 16+25E | BR | 5/14/2004 | 545616.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | LINE_START | IN_CLEARCUT |
| IR4BL 16+50E | BR | 5/14/2004 | 545640.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4BL 16+75E | BR | 5/14/2004 | 545664.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4BL 17+00E | BR | 5/14/2004 | 545688.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 17+25E | BR | 5/14/2004 | 545712.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|-------------|
| IR4BL 17+50E | BR | 5/14/2004 | 545736.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 17+75E | BR | 5/14/2004 | 545760.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4BL 18+00E | BR | 5/14/2004 | 545784.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4BL 18+25E | BR | 5/14/2004 | 545808.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 18+50E | BR | 5/14/2004 | 545832.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 18+75E | BR | 5/14/2004 | 545856.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4BL 19+00E | BR | 5/14/2004 | 545880.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4BL 19+25E | BR | 5/14/2004 | 545904.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 19+50E | BR | 5/14/2004 | 545928.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 19+75E | BR | 5/14/2004 | 545952.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4BL 20+00E | BR | 5/14/2004 | 545976.17726 | 5448267.050998 | brown | NA | | 25 | B | 2 | IN_CLEARCUT | BELOW_ROAD |
| IR4BL 20+25E | BR | 5/14/2004 | 546000.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4BL 20+50E | BR | 5/14/2004 | 546024.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 20+75E | BR | 5/14/2004 | 546048.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 21+00E | BR | 5/14/2004 | 546072.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 21+25E | BR | 5/14/2004 | 546096.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 21+50E | BR | 5/14/2004 | 546120.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 21+75E | BR | 5/14/2004 | 546144.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 22+00E | BR | 5/14/2004 | 546168.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 22+25E | BR | 5/14/2004 | 546192.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 22+50E | BR | 5/14/2004 | 546216.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 22+75E | BR | 5/14/2004 | 546240.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4BL 23+00E | BR | 5/14/2004 | 546264.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 23+25E | BR | 5/14/2004 | 546288.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4BL 23+50E | BR | 5/14/2004 | 546312.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4BL 23+75E | BR | 5/14/2004 | 546336.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 24+00E | BR | 5/14/2004 | 546360.17726 | 5448267.050998 | brown | NA | | 25 | B | 2 | ABOVE_ROAD | IN_CLEARCUT |
| IR4BL 24+25E | BR | 5/14/2004 | 546384.17726 | 5448267.050998 | brown | NA | | 25 | B | 2 | BELOW_ROAD | IN_CLEARCUT |
| IR4BL 24+50E | BR | 5/14/2004 | 546408.17726 | 5448267.050998 | brown | NA | | 25 | B | 2 | BELOW_ROAD | IN_CLEARCUT |
| IR4BL 24+75E | BR | 5/14/2004 | 546432.17726 | 5448267.050998 | brown | NA | | 25 | B | 2 | N/A | N/A |
| IR4BL 25+00E | BR | 5/14/2004 | 546456.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4BL 25+25E | BR | 5/14/2004 | 546480.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | CROSSED_CREEK | N/A |
| IR4BL 25+50E | BR | 5/14/2004 | 546504.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4BL 25+75E | BR | 5/14/2004 | 546528.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 26+00E | BR | 5/14/2004 | 546552.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4BL 26+25E | BR | 5/14/2004 | 546576.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| <i>Sample Number</i> | <i>Sampler</i> | <i>Date (m/d/y)</i> | <i>UTM - East</i> | <i>UTM - North</i> | <i>Colour - 1</i> | <i>Colour - 2</i> | <i>Slope - Degrees</i> | <i>Depth (cm)</i> | <i>Soil Horizon</i> | <i>Quality (1-5)</i> | <i>Note - 1</i> | <i>Note - 2</i> |
|----------------------|----------------|---------------------|-------------------|--------------------|-------------------|-------------------|------------------------|-------------------|---------------------|----------------------|-----------------|-----------------|
| IR4BL 26+50E | BR | 5/14/2004 | 546600.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 26+75E | BR | 5/14/2004 | 546624.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 27+00E | BR | 5/14/2004 | 546648.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 27+25E | BR | 5/14/2004 | 546672.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 27+50E | BR | 5/14/2004 | 546696.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 27+75E | BR | 5/14/2004 | 546720.17726 | 5448267.050998 | brown | NA | | 25 | B | 4 | | |
| IR4BL 28+00E | BR | 5/14/2004 | 546744.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 28+25E | BR | 5/14/2004 | 546768.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | | |
| IR4BL 28+50E | BR | 5/14/2004 | 546792.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 28+75E | BR | 5/14/2004 | 546816.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 29+00E | BR | 5/14/2004 | 546840.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | | |
| IR4BL 29+25E | BR | 5/14/2004 | 546864.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4BL 29+50E | BR | 5/14/2004 | 546888.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | | |
| IR4BL 29+75E | BR | 5/14/2004 | 546912.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | ROCKY | N/A |
| IR4BL 30+00E | BR | 5/14/2004 | 546936.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | ROCKY | N/A |
| IR4BL 30+25E | BR | 5/14/2004 | 546960.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | ROCKY | N/A |
| IR4BL 30+50E | BR | 5/14/2004 | 546984.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 30+75E | BR | 5/14/2004 | 547008.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | ROCKY | N/A |
| IR4BL 31+00E | BR | 5/14/2004 | 547032.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 31+25E | BR | 5/14/2004 | 547056.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 31+50E | BR | 5/14/2004 | 547080.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 31+75E | BR | 5/14/2004 | 547104.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 32+00E | BR | 5/14/2004 | 547128.17726 | 5448267.050999 | brown | NA | | 25 | B | 3 | | |
| IR4BL 32+25E | BR | 5/14/2004 | 547152.17726 | 5448267.050999 | brown | NA | | 25 | B | 4 | ROCKY | LINE_END |
| IR4L12 00+25N | JC | 5/14/2004 | 545600.62267 | 5448291.843616 | brown | orange | | 15 | B | 4 | IN_CLEARCUT | LINE_START |
| IR4L12 00+50N | JC | 5/14/2004 | 545600.45229 | 5448316.636234 | brown | orange | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4L12 00+75N | JC | 5/14/2004 | 545600.28190 | 5448341.428852 | brown | orange | | 25 | B | 4 | | |
| IR4L12 01+00N | JC | 5/14/2004 | 545600.11152 | 5448366.221469 | brown | orange | | 25 | B | 4 | | |
| IR4L12 01+25N | JC | 5/14/2004 | 545599.94114 | 5448391.014087 | brown | orange | | 25 | B | 4 | | |
| IR4L12 01+50N | JC | 5/14/2004 | 545599.77075 | 5448415.806705 | brown | orange | | 25 | B | 4 | | |
| IR4L12 01+75N | JC | 5/14/2004 | 545599.60037 | 5448440.599322 | brown | orange | | 25 | B | 4 | IN_CLEARCUT | N/A |
| IR4L12 02+00N | JC | 5/14/2004 | 545599.42998 | 5448465.391940 | brown | orange | | 25 | B | 4 | | |
| IR4L12 02+25N | JC | 5/14/2004 | 545599.2596 | 5448490.184558 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L12 02+50N | JC | 5/14/2004 | 545599.08922 | 5448514.977175 | brown | orange | | 25 | B | 4 | | |
| IR4L12 02+75N | JC | 5/14/2004 | 545598.91883 | 5448539.769793 | brown | orange | | 25 | B | 4 | | |
| IR4L12 03+00N | JC | 5/14/2004 | 545598.74845 | 5448564.562411 | brown | orange | | 25 | B | 4 | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|-------------|
| IR4L12 03+25N | JC | 5/14/2004 | 545598.57806 | 5448589.355029 | light | brown | | 25 | B | 4 | CROSSED_CREEK | N/A |
| IR4L12 03+50N | JC | 5/14/2004 | 545598.40768 | 5448614.147646 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L12 03+75N | JC | 5/14/2004 | 545598.2373 | 5448638.940264 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L12 04+00N | JC | 5/14/2004 | 545598.06691 | 5448663.732882 | brown | orange | | 25 | B | 5 | | |
| IR4L12 04+25N | JC | 5/14/2004 | 545597.89653 | 5448688.525499 | brown | orange | | 25 | B | 5 | | |
| IR4L12 04+50N | JC | 5/14/2004 | 545597.72614 | 5448713.318117 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L12 04+75N | JC | 5/14/2004 | 545597.55576 | 5448738.110735 | brown | orange | | 25 | B | 4 | | |
| IR4L12 05+00N | JC | 5/14/2004 | 545597.38538 | 5448762.903352 | brown | orange | | 25 | B | 4 | | |
| IR4L12 05+25N | JC | 5/14/2004 | 545597.21499 | 5448787.695970 | brown | orange | | 25 | B | 4 | | |
| IR4L12 05+50N | JC | 5/14/2004 | 545597.04461 | 5448812.488588 | brown | orange | | 25 | B | 4 | | |
| IR4L12 05+75N | JC | 5/14/2004 | 545596.87422 | 5448837.281205 | brown | orange | | 25 | B | 4 | | |
| IR4L12 06+00N | JC | 5/14/2004 | 545596.70384 | 5448862.073823 | brown | orange | | 25 | B | 4 | | |
| IR4L12 06+25N | JC | 5/14/2004 | 545596.53346 | 5448886.866441 | brown | orange | | 25 | B | 4 | | |
| IR4L12 06+50N | JC | 5/14/2004 | 545596.36307 | 5448911.659058 | brown | orange | | 25 | B | 4 | | |
| IR4L12 06+75N | JC | 5/14/2004 | 545596.19269 | 5448936.451676 | brown | orange | | 25 | B | 4 | BELOW_ROAD | N/A |
| IR4L12 07+00N | JC | 5/14/2004 | 545596.02230 | 5448961.244294 | brown | orange | | 25 | B | 4 | ABOVE_ROAD | IN_CLEARCUT |
| IR4L12 07+25N | JC | 5/14/2004 | 545595.85192 | 5448986.036912 | brown | orange | | 25 | B | 4 | | |
| IR4L12 07+50N | JC | 5/14/2004 | 545595.68154 | 5449010.829529 | brown | orange | | 25 | B | 4 | | |
| IR4L12 07+75N | JC | 5/14/2004 | 545595.51115 | 5449035.622147 | brown | orange | | 25 | B | 5 | 10M PAST | IN_CLEARCUT |
| IR4L12 08+00N | JC | 5/14/2004 | 545595.34077 | 5449060.414765 | brown | orange | | 25 | B | 5 | N/A | IN_CLEARCUT |
| IR4L12 08+25N | JC | 5/14/2004 | 545595.17038 | 5449085.207382 | brown | orange | | 25 | B | 5 | N/A | IN_CLEARCUT |
| IR4L12 08+50N | JC | 5/14/2004 | 545595 | 5449110 | brown | orange | | 25 | B | 5 | LINE_END | IN_CLEARCUT |
| IR4L13 00+25N | JC | 5/17/2004 | 545851.86202 | 5448291.518155 | brown | orange | | 25 | B | 5 | LINE_START | IN_CLEARCUT |
| IR4L13 00+50N | JC | 5/17/2004 | 545852.93099 | 5448315.985311 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 00+75N | JC | 5/17/2004 | 545853.99996 | 5448340.452467 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 01+00N | JC | 5/17/2004 | 545855.06892 | 5448364.919624 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 01+25N | JC | 5/17/2004 | 545856.13789 | 5448389.38678 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 01+50N | JC | 5/17/2004 | 545857.20686 | 5448413.853936 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 01+75N | JC | 5/17/2004 | 545858.27582 | 5448438.321093 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 02+00N | JC | 5/17/2004 | 545859.34479 | 5448462.788249 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L13 02+25N | JC | 5/17/2004 | 545860.41376 | 5448487.255405 | brown | orange | | 25 | B | 4 | CROSSED_CREEK | 5M PAST |
| IR4L13 02+50N | JC | 5/17/2004 | 545861.48273 | 5448511.722561 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 02+75N | JC | 5/17/2004 | 545862.55169 | 5448536.189718 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 03+00N | JC | 5/17/2004 | 545863.62066 | 5448560.656874 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 03+25N | JC | 5/17/2004 | 545864.68963 | 5448585.124030 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 03+50N | JC | 5/17/2004 | 545865.75859 | 5448609.591187 | brown | orange | | 25 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|--------------|---------------|
| IR4L13 03+75N | JC | 5/17/2004 | 545866.82756 | 5448634.058343 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 04+00N | JC | 5/17/2004 | 545867.89653 | 5448658.525499 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 04+25N | JC | 5/17/2004 | 545868.96549 | 5448682.992656 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 04+50N | JC | 5/17/2004 | 545870.03446 | 5448707.459812 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 04+75N | JC | 5/17/2004 | 545871.10343 | 5448731.926968 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 05+00N | JC | 5/17/2004 | 545872.1724 | 5448756.394124 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 05+25N | JC | 5/17/2004 | 545873.24136 | 5448780.861281 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 05+50N | JC | 5/17/2004 | 545874.31033 | 5448805.328437 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 05+75N | JC | 5/17/2004 | 545875.3793 | 5448829.795593 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 06+00N | JC | 5/17/2004 | 545876.44826 | 5448854.26275 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 06+25N | JC | 5/17/2004 | 545877.51723 | 5448878.729906 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 06+50N | JC | 5/17/2004 | 545878.5862 | 5448903.197062 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 06+75N | JC | 5/17/2004 | 545879.65516 | 5448927.664219 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L13 07+00N | JC | 5/17/2004 | 545880.72413 | 5448952.131375 | brown | grey | | 25 | B | 5 | N/A | N/A |
| IR4L13 07+25N | JC | 5/17/2004 | 545881.7931 | 5448976.598531 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 07+50N | JC | 5/17/2004 | 545882.86207 | 5449001.065687 | brown | tan | | 25 | B | 5 | N/A | N/A |
| IR4L13 07+75N | JC | 5/17/2004 | 545883.93103 | 5449025.532844 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L13 08+00N | JC | 5/17/2004 | 545885 | 5449050 | brown | orange | | 25 | B | 5 | N/A | LINE_END |
| IR4L14 00+25N | BR | 5/17/2004 | 546149.80577 | 5448290.893155 | brown | NA | | 25 | B | 4 | N/A | LINE_START |
| IR4L14 00+50N | BR | 5/17/2004 | 546150.52171 | 5448314.735311 | brown | grey | | 25 | B | 4 | N/A | N/A |
| IR4L14 00+75N | BR | 5/17/2004 | 546151.23766 | 5448338.577468 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L14 01+00N | BR | 5/17/2004 | 546151.9536 | 5448362.419624 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L14 01+25N | BR | 5/17/2004 | 546152.66954 | 5448386.261780 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L14 01+50N | BR | 5/17/2004 | 546153.38548 | 5448410.103936 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L14 01+75N | BR | 5/17/2004 | 546154.10143 | 5448433.946093 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L14 02+00N | BR | 5/17/2004 | 546154.81737 | 5448457.788249 | brown | NA | | 25 | B | 4 | STUMP_SAMPLE | CROSSED_CREEK |
| IR4L14 02+25N | BR | 5/17/2004 | 546155.53331 | 5448481.630405 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L14 02+50N | BR | 5/17/2004 | 546156.24926 | 5448505.472562 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L14 02+75N | BR | 5/17/2004 | 546156.9652 | 5448529.314718 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L14 03+00N | BR | 5/17/2004 | 546157.68114 | 5448553.156874 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 03+25N | BR | 5/17/2004 | 546158.39708 | 5448576.999030 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 03+50N | BR | 5/17/2004 | 546159.11303 | 5448600.841187 | brown | NA | | 25 | B | 3 | N/A | IN_CLEARCUT |
| IR4L14 03+75N | BR | 5/17/2004 | 546159.82897 | 5448624.683343 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 04+00N | BR | 5/17/2004 | 546160.54491 | 5448648.525499 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 04+25N | BR | 5/17/2004 | 546161.26086 | 5448672.367656 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 04+50N | BR | 5/17/2004 | 546161.9768 | 5448696.209812 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|-------------|
| IR4L14 04+75N | BR | 5/17/2004 | 546162.69274 | 5448720.051968 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 05+00N | BR | 5/17/2004 | 546163.40869 | 5448743.894124 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 05+25N | BR | 5/17/2004 | 546164.12463 | 5448767.736281 | brown | NA | | 25 | B | 3 | N/A | IN_CLEARCUT |
| IR4L14 05+50N | BR | 5/17/2004 | 546164.84057 | 5448791.578437 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L14 05+75N | JC | 5/17/2004 | 546165.55651 | 5448815.420593 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 06+00N | JC | 5/17/2004 | 546166.27246 | 5448839.26275 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 06+25N | JC | 5/17/2004 | 546166.9884 | 5448863.104906 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 06+50N | JC | 5/17/2004 | 546167.70434 | 5448886.947062 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 06+75N | JC | 5/17/2004 | 546168.42029 | 5448910.789219 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 07+00N | JC | 5/17/2004 | 546169.13623 | 5448934.631375 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 07+25N | JC | 5/17/2004 | 546169.85217 | 5448958.473531 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 07+50N | JC | 5/17/2004 | 546170.56811 | 5448982.315687 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L14 07+75N | JC | 5/17/2004 | 546171.28406 | 5449006.157844 | brown | NA | | 25 | B | 5 | N/A | N/A |
| IR4L14 08+00N | JC | 5/17/2004 | 546172 | 5449030 | brown | NA | | 25 | B | 5 | LINE_END | N/A |
| IR4L15 00+25N | BR | 5/17/2004 | 546356.07167 | 5448291.674405 | brown | NA | | 25 | B | 4 | LINE_START | N/A |
| IR4L15 00+50N | BR | 5/17/2004 | 546356.61774 | 5448316.297811 | brown | NA | | 25 | B | 4 | CROSSED_CREEK | N/A |
| IR4L15 00+75N | BR | 5/17/2004 | 546357.16382 | 5448340.921218 | brown | NA | | 25 | B | 3 | ROCKY | N/A |
| IR4L15 01+00N | BR | 5/17/2004 | 546357.70989 | 5448365.544624 | brown | NA | | 25 | B | 3 | ROCKY | IN_CLEARCUT |
| IR4L15 01+25N | BR | 5/17/2004 | 546358.25597 | 5448390.168030 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L15 01+50N | BR | 5/17/2004 | 546358.80204 | 5448414.791436 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 01+75N | BR | 5/17/2004 | 546359.34812 | 5448439.414843 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 02+00N | BR | 5/17/2004 | 546359.89419 | 5448464.038249 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L15 02+25N | BR | 5/17/2004 | 546360.44027 | 5448488.661655 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 02+50N | BR | 5/17/2004 | 546360.98634 | 5448513.285062 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 02+75N | BR | 5/17/2004 | 546361.53242 | 5448537.908468 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 03+00N | BR | 5/17/2004 | 546362.0785 | 5448562.531874 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L15 03+25N | BR | 5/17/2004 | 546362.62457 | 5448587.155280 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L15 03+50N | BR | 5/17/2004 | 546363.17065 | 5448611.778687 | brown | NA | | 25 | B | 3 | N/A | IN_CLEARCUT |
| IR4L15 03+75N | BR | 5/17/2004 | 546363.71672 | 5448636.402093 | brown | NA | | 25 | B | 3 | ROCKY | IN_CLEARCUT |
| IR4L15 04+00N | BR | 5/17/2004 | 546364.2628 | 5448661.025499 | brown | NA | | 25 | B | 3 | N/A | IN_CLEARCUT |
| IR4L15 04+25N | BR | 5/17/2004 | 546364.80887 | 5448685.648906 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 04+50N | BR | 5/17/2004 | 546365.35495 | 5448710.272312 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 04+75N | BR | 5/17/2004 | 546365.90102 | 5448734.895718 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 05+00N | BR | 5/17/2004 | 546366.4471 | 5448759.519125 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 05+25N | BR | 5/17/2004 | 546366.99317 | 5448784.142531 | brown | NA | | 25 | B | 3 | N/A | IN_CLEARCUT |
| IR4L15 05+50N | BR | 5/17/2004 | 546367.53925 | 5448808.765937 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|---------------|
| IR4L15 05+75N | BR | 5/17/2004 | 546368.08532 | 5448833.389343 | brown | NA | | 25 | B | 4 | ROCKY | IN_CLEARCUT |
| IR4L15 06+00N | BR | 5/17/2004 | 546368.6314 | 5448858.01275 | brown | NA | | 25 | B | 4 | N/A | IN_CLEARCUT |
| IR4L15 06+25N | BR | 5/17/2004 | 546369.17747 | 5448882.636156 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L15 06+50N | BR | 5/17/2004 | 546369.72355 | 5448907.259562 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L15 06+75N | BR | 5/17/2004 | 546370.26962 | 5448931.882969 | brown | NA | | 25 | B | 4 | ROCKY | STUMP_SAMPLE |
| IR4L15 07+00N | BR | 5/17/2004 | 546370.8157 | 5448956.506375 | brown | NA | | 25 | B | 2 | ROCKY | ORGANIC |
| IR4L15 07+25N | BR | 5/17/2004 | 546371.36177 | 5448981.129781 | brown | NA | | 25 | B | 4 | ROCKY | CROSSED_CREEK |
| IR4L15 07+50N | BR | 5/17/2004 | 546371.90785 | 5449005.753187 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L15 07+75N | BR | 5/17/2004 | 546372.45392 | 5449030.376594 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L15 08+00N | BR | 5/17/2004 | 546373 | 5449055 | brown | NA | | 25 | B | 4 | N/A | LINE_END |
| IR4L22 00+00 | BR | 5/18/2004 | 545050 | 5449887 | brown | NA | | 25 | B | 4 | LINE_START | ROCKY |
| IR4L22 00+25E | BR | 5/18/2004 | 545070.53978 | 5449876.42566 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 00+50E | BR | 5/18/2004 | 545091.26571 | 5449866.279572 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 00+75E | BR | 5/18/2004 | 545113.00913 | 5449858.474243 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 01+00E | BR | 5/18/2004 | 545134.75254 | 5449850.668915 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 01+25E | BR | 5/18/2004 | 545157.63441 | 5449848.379597 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 01+50E | BR | 5/18/2004 | 545180.6654 | 5449847.443448 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 01+75E | BR | 5/18/2004 | 545203.45300 | 5449851.241382 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 02+00E | BR | 5/18/2004 | 545226.10969 | 5449855.686997 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L22 02+25E | BR | 5/18/2004 | 545248.12042 | 5449862.266682 | brown | NA | | 25 | B | 2 | N/A | ROCKY |
| IR4L22 02+50E | BR | 5/18/2004 | 545268.82229 | 5449872.376267 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 02+75E | BR | 5/18/2004 | 545290.492 | 5449879.981211 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 03+00E | BR | 5/18/2004 | 545309.98221 | 5449892.384072 | brown | NA | | 25 | B | 3 | CROSSED_CREEK | ROCKY |
| IR4L22 03+25E | BR | 5/18/2004 | 545329.84690 | 5449886.928789 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 03+50E | BR | 5/18/2004 | 545346.49071 | 5449871.613528 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 03+75E | BR | 5/18/2004 | 545361.69793 | 5449854.733606 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 04+00E | BR | 5/18/2004 | 545381.954 | 5449843.625443 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 04+25E | BR | 5/18/2004 | 545402.28014 | 5449832.64869 | brown | NA | | 25 | B | 3 | N/A | ROCKY |
| IR4L22 04+50E | BR | 5/18/2004 | 545422.78899 | 5449822.014474 | brown | NA | | 25 | B | 3 | N/A | N/A |
| IR4L22 04+75E | BR | 5/18/2004 | 545444.76389 | 5449816.213543 | brown | NA | | 25 | B | 3 | N/A | N/A |
| IR4L22 05+00E | BR | 5/18/2004 | 545466.07062 | 5449821.896567 | brown | NA | | 25 | B | 3 | N/A | N/A |
| IR4L22 05+25E | BR | 5/18/2004 | 545486.13516 | 5449833.343527 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 05+50E | BR | 5/18/2004 | 545506.44303 | 5449844.300756 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 05+75E | BR | 5/18/2004 | 545528.45630 | 5449850.654464 | brown | NA | | 25 | B | 4 | 5M PAST | N/A |
| IR4L22 06+00E | BR | 5/18/2004 | 545551.25724 | 5449854.348124 | brown | NA | | 25 | B | 4 | 5M PAST | ROCKY |
| IR4L22 06+25E | BR | 5/18/2004 | 545573.2777 | 5449860.429269 | brown | NA | | 25 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IR4L22 06+50E | BR | 5/18/2004 | 545591.1617 | 5449874.544099 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 06+75E | BR | 5/18/2004 | 545604.43993 | 5449893.236465 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 07+00E | BR | 5/18/2004 | 545610.74279 | 5449915.363805 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 07+25E | BR | 5/18/2004 | 545617.91227 | 5449937.268089 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 07+50E | BR | 5/18/2004 | 545632.07901 | 5449955.174185 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 07+75E | BR | 5/18/2004 | 545653.24298 | 5449959.352139 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 08+00E | BR | 5/18/2004 | 545674.86418 | 5449951.223119 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 08+25E | BR | 5/18/2004 | 545697.26686 | 5449946.572822 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 08+50E | BR | 5/18/2004 | 545720.07578 | 5449947.703563 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 08+75E | BR | 5/18/2004 | 545740.27050 | 5449958.922853 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 09+00E | BR | 5/18/2004 | 545757.62984 | 5449974.071853 | brown | NA | | 25 | B | 4 | ROCKY | N/A |
| IR4L22 09+25E | BR | 5/18/2004 | 545778.29270 | 5449984.314953 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 09+50E | BR | 5/18/2004 | 545799.96200 | 5449992.321974 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 09+75E | BR | 5/18/2004 | 545822.21668 | 5449998.176434 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L22 10+00E | BR | 5/18/2004 | 545845 | 5450002 | brown | NA | | 25 | B | 4 | LINE_END | N/A |
| IR4L23 00+00 | JC | 5/18/2004 | 545025 | 5449990 | brown | NA | | 15 | B | 4 | LINE_START | N/A |
| IR4L23 00+25E | JC | 5/18/2004 | 545045.54113 | 5449992.269773 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L23 00+50E | JC | 5/18/2004 | 545065.77189 | 5449987.774048 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L23 00+75E | JC | 5/18/2004 | 545082.25835 | 5449975.520085 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L23 01+00E | JC | 5/18/2004 | 545100.54447 | 5449965.767489 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L23 01+25E | JC | 5/18/2004 | 545118.47047 | 5449955.368553 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L23 01+50E | JC | 5/18/2004 | 545136.52182 | 5449945.190476 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 01+75E | JC | 5/18/2004 | 545153.81245 | 5449934.070776 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 02+00E | JC | 5/18/2004 | 545173.73875 | 5449928.381336 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 02+25E | JC | 5/18/2004 | 545194.0444 | 5449929.014063 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 02+50E | JC | 5/18/2004 | 545212.69854 | 5449937.807089 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 02+75E | JC | 5/18/2004 | 545229.99283 | 5449949.214478 | brown | orange | | 25 | B | 3 | ROCKY | N/A |
| IR4L23 03+00E | JC | 5/18/2004 | 545246.51861 | 5449961.709367 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 03+25E | JC | 5/18/2004 | 545264.16935 | 5449972.367907 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 03+50E | JC | 5/18/2004 | 545284.51959 | 5449975.548052 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 03+75E | JC | 5/18/2004 | 545304.55838 | 5449970.327946 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 04+00E | JC | 5/18/2004 | 545323.73926 | 5449962.512826 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 04+25E | JC | 5/18/2004 | 545343.61610 | 5449956.703375 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 04+50E | JC | 5/18/2004 | 545363.11237 | 5449949.736235 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 04+75E | JC | 5/18/2004 | 545381.71509 | 5449940.618548 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 05+00E | JC | 5/18/2004 | 545401.53572 | 5449934.614512 | brown | orange | | 25 | B | 4 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|---------------|
| IR4L23 05+25E | JC | 5/18/2004 | 545422.14514 | 5449933.817001 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 05+50E | JC | 5/18/2004 | 545442.82080 | 5449934.888485 | brown | orange | | 25 | B | 3 | ROCKY | N/A |
| IR4L23 05+75E | JC | 5/18/2004 | 545463.25315 | 5449937.753453 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 06+00E | JC | 5/18/2004 | 545482.92032 | 5449944.287059 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 06+25E | JC | 5/18/2004 | 545502.4141 | 5449951.136662 | brown | orange | | 25 | B | 4 | ROCKY | N/A |
| IR4L23 06+50E | JC | 5/18/2004 | 545520.58629 | 5449961.086282 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 06+75E | JC | 5/18/2004 | 545538.16043 | 5449972.070122 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 07+00E | JC | 5/18/2004 | 545551.73861 | 5449987.725117 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 07+25E | JC | 5/18/2004 | 545567.64746 | 5450000.87933 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 07+50E | JC | 5/18/2004 | 545586.13693 | 5450010.11259 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 07+75E | JC | 5/18/2004 | 545606.80728 | 5450010.118212 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L23 08+00E | JC | 5/18/2004 | 545626.58733 | 5450014.356852 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 08+25E | JC | 5/18/2004 | 545645.55849 | 5450022.688001 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 08+50E | JC | 5/18/2004 | 545665.20205 | 5450027.760969 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 08+75E | JC | 5/18/2004 | 545685.81776 | 5450025.700553 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L23 09+00E | JC | 5/18/2004 | 545706 | 5450021 | brown | orange | | 25 | B | 4 | LINE_END | N/A |
| IR4L20 00+00 | JC | 5/20/2004 | 545160 | 5449540 | brown | grey | | 25 | B | 4 | LINE_START | N/A |
| IR4L20 00+25E | JC | 5/20/2004 | 545182.99416 | 5449543.508561 | brown | grey | | 25 | B | 4 | ROCKY | N/A |
| IR4L20 00+50E | JC | 5/20/2004 | 545206.1423 | 5449545.474814 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 00+75E | JC | 5/20/2004 | 545229.37741 | 5449546.556649 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 01+00E | JC | 5/20/2004 | 545252.21690 | 5449549.578410 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 01+25E | JC | 5/20/2004 | 545273.7215 | 5449558.290921 | brown | tan | | 25 | B | 5 | N/A | N/A |
| IR4L20 01+50E | JC | 5/20/2004 | 545295.40964 | 5449563.212496 | brown | tan | | 25 | B | 5 | N/A | N/A |
| IR4L20 01+75E | JC | 5/20/2004 | 545318.00564 | 5449558.629886 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 02+00E | JC | 5/20/2004 | 545339.17137 | 5449549.240933 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 02+25E | JC | 5/20/2004 | 545358.72009 | 5449536.708628 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L20 02+50E | JC | 5/20/2004 | 545378.49138 | 5449524.497629 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 02+75E | JC | 5/20/2004 | 545400.51358 | 5449517.577600 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 03+00E | JC | 5/20/2004 | 545423.69934 | 5449517.68488 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L20 03+25E | JC | 5/20/2004 | 545446.94748 | 5449517.977246 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L20 03+50E | JC | 5/20/2004 | 545470.19041 | 5449517.142988 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L20 03+75E | JC | 5/20/2004 | 545493.12672 | 5449513.896087 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L20 04+00E | JC | 5/20/2004 | 545515.52199 | 5449507.791098 | light | brown | | 25 | B | 4 | N/A | N/A |
| IR4L20 04+25E | JC | 5/20/2004 | 545537.27031 | 5449499.541734 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 04+50E | JC | 5/20/2004 | 545559.10167 | 5449491.517021 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 04+75E | JC | 5/20/2004 | 545580.87672 | 5449483.368226 | brown | orange | | 45 | B | 4 | ORGANIC | BASE OF CLIFF |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|--------------|
| IR4L20 05+00E | JC | 5/20/2004 | 545602.02184 | 5449473.676712 | brown | orange | | 15 | B | 4 | BASE OF CLIFF | N/A |
| IR4L20 05+25E | JC | 5/20/2004 | 545622.80032 | 5449463.236398 | brown | orange | | 15 | B | 4 | BASE OF CLIFF | N/A |
| IR4L20 05+50E | JC | 5/20/2004 | 545643.04484 | 5449451.843740 | orange | brown | | 25 | B | 4 | BASE OF CLIFF | TOP OF CLIFF |
| IR4L20 05+75E | JC | 5/20/2004 | 545662.31096 | 5449438.810776 | brown | NA | | 25 | A | 2 | ORGANIC | SMALL_SAMPLE |
| IR4L20 06+00E | JC | 5/20/2004 | 545681.61103 | 5449425.834019 | brown | NA | | 25 | A | 3 | ORGANIC | ROCKY |
| IR4L20 06+25E | JC | 5/20/2004 | 545702.11452 | 5449414.850007 | | | | | | | | |
| IR4L20 06+50E | JC | 5/20/2004 | 545722.56938 | 5449403.776874 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L20 06+75E | JC | 5/20/2004 | 545743.15820 | 5449393.051748 | brown | NA | | 25 | B | 4 | N/A | ROCKY |
| IR4L20 07+00E | JC | 5/20/2004 | 545765.12748 | 5449385.410259 | light | brown | | 15 | B | 4 | N/A | ROCKY |
| IR4L20 07+25E | JC | 5/20/2004 | 545787.52783 | 5449379.182155 | brown | NA | | 15 | B | 4 | N/A | N/A |
| IR4L20 07+50E | JC | 5/20/2004 | 545809.87065 | 5449372.722166 | brown | NA | | 15 | B | 4 | N/A | N/A |
| IR4L20 07+75E | JC | 5/20/2004 | 545832.73374 | 5449370.004582 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L20 08+00E | JC | 5/20/2004 | 545855.99404 | 5449370.009725 | brown | NA | | 25 | B | 4 | N/A | N/A |
| IR4L20 08+25E | JC | 5/20/2004 | 545879.16353 | 5449370.747450 | brown | NA | | 15 | B | 4 | N/A | N/A |
| IR4L20 08+50E | JC | 5/20/2004 | 545901.06346 | 5449377.938478 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 08+75E | JC | 5/20/2004 | 545919.3926 | 5449392.108135 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 09+00E | JC | 5/20/2004 | 545933.48045 | 5449410.276061 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 09+25E | JC | 5/20/2004 | 545943.11483 | 5449431.391932 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 09+50E | JC | 5/20/2004 | 545948.98385 | 5449453.844078 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 09+75E | JC | 5/20/2004 | 545952.1478 | 5449476.863197 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 10+00E | JC | 5/20/2004 | 545955.67867 | 5449499.847693 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 10+25E | JC | 5/20/2004 | 545960.70002 | 5449522.549483 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 10+50E | JC | 5/20/2004 | 545965.37373 | 5449545.327014 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 10+75E | JC | 5/20/2004 | 545970.80833 | 5449567.873881 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L20 11+00E | JC | 5/20/2004 | 545978.87917 | 5449589.684194 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 11+25E | JC | 5/20/2004 | 545987.90664 | 5449611.102518 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 11+50E | JC | 5/20/2004 | 545998.63784 | 5449631.739447 | | | | | | 0 | | |
| IR4L20 11+75E | JC | 5/20/2004 | 546010.09352 | 5449651.954731 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L20 12+00E | JC | 5/20/2004 | 546020 | 5449673 | brown | orange | | 25 | B | 4 | LINE_END | N/A |
| IR4L21 00+00 | GH | 5/20/2004 | 545112 | 5449625 | brown | Select | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L21 00+25E | GH | 5/20/2004 | 545132.55673 | 5449612.639821 | brown | Select | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L21 00+50E | GH | 5/20/2004 | 545153.79207 | 5449601.892511 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L21 00+75E | GH | 5/20/2004 | 545177.00184 | 5449595.837789 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L21 01+00E | GH | 5/20/2004 | 545200.83645 | 5449598.41473 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 01+25E | GH | 5/20/2004 | 545223.72820 | 5449604.706641 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 01+50E | GH | 5/20/2004 | 545244.31308 | 5449616.573277 | brown | orange | | 15 | B | 3 | ROCKY | ORGANIC |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|--------------|
| IR4L21 01+75E | GH | 5/20/2004 | 545258.85296 | 5449635.393281 | brown | pink | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 02+00E | GH | 5/20/2004 | 545266.9273 | 5449657.975312 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 02+25E | GH | 5/20/2004 | 545280.56983 | 5449675.742239 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 02+50E | GH | 5/20/2004 | 545297.1995 | 5449666.293185 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 02+75E | GH | 5/20/2004 | 545312.86305 | 5449648.390517 | brown | orange | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 03+00E | GH | 5/20/2004 | 545330.89522 | 5449632.583339 | brown | NA | | 15 | B | 3 | ROCKY | ROCKY |
| IR4L21 03+25E | GH | 5/20/2004 | 545349.91118 | 5449618.090091 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L21 03+50E | GH | 5/20/2004 | 545370.73731 | 5449606.189445 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 03+75E | GH | 5/20/2004 | 545393.25048 | 5449599.566153 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L21 04+00E | GH | 5/20/2004 | 545415.70935 | 5449603.998086 | brown | light | | 15 | B | 3 | ROCKY | STUMP_SAMPLE |
| IR4L21 04+25E | GH | 5/20/2004 | 545436.14126 | 5449616.500346 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L21 04+50E | GH | 5/20/2004 | 545456.84383 | 5449627.782883 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L21 04+75E | GH | 5/20/2004 | 545480.33287 | 5449632.642686 | brown | tan | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 05+00E | GH | 5/20/2004 | 545504.16469 | 5449634.64158 | tan | light | | 15 | B | 4 | N/A | N/A |
| IR4L21 05+25E | GH | 5/20/2004 | 545528.03090 | 5449634.407242 | tan | light | | 15 | B | 4 | N/A | N/A |
| IR4L21 05+50E | GH | 5/20/2004 | 545551.31615 | 5449628.730142 | brown | light | | 15 | B | 4 | N/A | N/A |
| IR4L21 05+75E | GH | 5/20/2004 | 545571.96678 | 5449616.527497 | brown | NA | | 15 | B | 4 | N/A | N/A |
| IR4L21 06+00E | GH | 5/20/2004 | 545590.18478 | 5449601.187546 | brown | orange | | 15 | B | 1 | ROCKY | ROCKY |
| IR4L21 06+25E | GH | 5/20/2004 | 545605.62253 | 5449582.881799 | brown | orange | | 15 | B | 2 | ROCKY | ROCKY |
| IR4L21 06+50E | GH | 5/20/2004 | 545622.49865 | 5449566.154481 | orange | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 06+75E | GH | 5/20/2004 | 545642.47581 | 5449553.149562 | orange | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 07+00E | GH | 5/20/2004 | 545664.90315 | 5449544.642642 | brown | orange | | 15 | B | 2 | ROCKY | N/A |
| IR4L21 07+25E | GH | 5/20/2004 | 545688.10605 | 5449539.258299 | brown | tan | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 07+50E | GH | 5/20/2004 | 545711.95888 | 5449537.110977 | brown | tan | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 07+75E | GH | 5/20/2004 | 545734.64225 | 5449543.564121 | | | | | | 0 | | |
| IR4L21 08+00E | GH | 5/20/2004 | 545752.42483 | 5449558.554442 | tan | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 08+25E | GH | 5/20/2004 | 545767.35890 | 5449577.324320 | orange | brown | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 08+50E | GH | 5/20/2004 | 545782.45118 | 5449595.967718 | orange | brown | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 08+75E | GH | 5/20/2004 | 545796.6284 | 5449615.31109 | orange | brown | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 09+00E | GH | 5/20/2004 | 545811.70408 | 5449633.947392 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 09+25E | GH | 5/20/2004 | 545828.13618 | 5449651.3094 | brown | dark | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 09+50E | GH | 5/20/2004 | 545844.70069 | 5449668.464016 | brown | dark | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 09+75E | GH | 5/20/2004 | 545858.68052 | 5449687.870726 | brown | dark | | 15 | B | 3 | ROCKY | N/A |
| IR4L21 10+00E | GH | 5/20/2004 | 545870.80053 | 5449708.549238 | brown | dark | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L21 10+25E | GH | 5/20/2004 | 545886.09668 | 5449726.852105 | brown | dark | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L21 10+50E | GH | 5/20/2004 | 545904.27543 | 5449742.479691 | brown | dark | | 15 | B | 3 | ORGANIC | LINE_END |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|------------|
| IR4L16 00+25N | JC | 5/21/2004 | 546635.90583 | 5448292.580655 | brown | orange | | 15 | B | 5 | LINE_START | N/A |
| IR4L16 00+50N | JC | 5/21/2004 | 546638.26371 | 5448318.110311 | brown | orange | | 15 | B | 5 | N/A | N/A |
| IR4L16 00+75N | JC | 5/21/2004 | 546640.62158 | 5448343.639968 | brown | orange | | 15 | B | 5 | N/A | N/A |
| IR4L16 01+00N | JC | 5/21/2004 | 546642.97946 | 5448369.169624 | dark | brown | | 15 | B | 4 | N/A | N/A |
| IR4L16 01+25N | JC | 5/21/2004 | 546645.33734 | 5448394.699280 | orange | brown | | 15 | B | 4 | N/A | N/A |
| IR4L16 01+50N | JC | 5/21/2004 | 546647.69521 | 5448420.228936 | light | brown | | 15 | B | 4 | N/A | N/A |
| IR4L16 01+75N | JC | 5/21/2004 | 546650.05309 | 5448445.758593 | light | brown | | 15 | B | 4 | N/A | N/A |
| IR4L16 02+00N | JC | 5/21/2004 | 546652.41096 | 5448471.288249 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 02+25N | JC | 5/21/2004 | 546654.76884 | 5448496.817905 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 02+50N | JC | 5/21/2004 | 546657.12672 | 5448522.347562 | brown | orange | | 15 | B | 5 | N/A | N/A |
| IR4L16 02+75N | JC | 5/21/2004 | 546659.48459 | 5448547.877218 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L16 03+00N | JC | 5/21/2004 | 546661.84247 | 5448573.406874 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L16 03+25N | JC | 5/21/2004 | 546664.20035 | 5448598.936530 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 03+50N | JC | 5/21/2004 | 546666.55822 | 5448624.466187 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 03+75N | JC | 5/21/2004 | 546668.91610 | 5448649.995843 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 04+00N | JC | 5/21/2004 | 546671.27398 | 5448675.525499 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 04+25N | JC | 5/21/2004 | 546673.63185 | 5448701.055156 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 04+50N | JC | 5/21/2004 | 546675.98973 | 5448726.584812 | brown | orange | | 15 | B | 4 | ROCKY | N/A |
| IR4L16 04+75N | JC | 5/21/2004 | 546678.34761 | 5448752.114468 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 05+00N | JC | 5/21/2004 | 546680.70548 | 5448777.644125 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L16 05+25N | GH | 5/21/2004 | 546683.06336 | 5448803.173781 | brown | orange | | 15 | B | 4 | ORGANIC | N/A |
| IR4L16 05+50N | GH | 5/21/2004 | 546685.42124 | 5448828.703437 | brown | orange | | 15 | B | 4 | ORGANIC | N/A |
| IR4L16 05+75N | GH | 5/21/2004 | 546687.77911 | 5448854.233093 | | | | | | 0 | | |
| IR4L16 06+00N | GH | 5/21/2004 | 546690.13699 | 5448879.76275 | brown | NA | | 15 | B | 4 | ORGANIC | N/A |
| IR4L16 06+25N | GH | 5/21/2004 | 546692.49486 | 5448905.292406 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L16 06+50N | GH | 5/21/2004 | 546694.85274 | 5448930.822062 | brown | NA | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L16 06+75N | GH | 5/21/2004 | 546697.21062 | 5448956.351719 | brown | NA | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L16 07+00N | GH | 5/21/2004 | 546699.56849 | 5448981.881375 | brown | tan | | 15 | B | 3 | ORGANIC | N/A |
| IR4L16 07+25N | GH | 5/21/2004 | 546701.92637 | 5449007.411031 | brown | tan | | 15 | B | 3 | ROCKY | N/A |
| IR4L16 07+50N | GH | 5/21/2004 | 546704.28425 | 5449032.940687 | brown | orange | | 15 | B | 2 | ORGANIC | ORGANIC |
| IR4L16 07+75N | GH | 5/21/2004 | 546706.64212 | 5449058.470344 | | | | | | 0 | | |
| IR4L16 08+00N | GH | 5/21/2004 | 546709 | 5449084 | brown | NA | | 15 | B | 2 | ROCKY | LINE_END |
| IR4L17 00+25N | GH | 5/21/2004 | 546889.86761 | 5448293.080655 | brown | orange | | 15 | B | 3 | ORGANIC | LINE_START |
| IR4L17 00+25S | GH | 5/21/2004 | 546891.24486 | 5448245.485311 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 00+50N | GH | 5/21/2004 | 546889.80736 | 5448319.110311 | brown | orange | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 00+50S | GH | 5/21/2004 | 546892.56187 | 5448223.919624 | grey | NA | | 15 | B | 2 | ROCKY | ORGANIC |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| <i>Sample Number</i> | <i>Sampler</i> | <i>Date (m/d/y)</i> | <i>UTM - East</i> | <i>UTM - North</i> | <i>Colour - 1</i> | <i>Colour - 2</i> | <i>Slope - Degrees</i> | <i>Depth (cm)</i> | <i>Soil Horizon</i> | <i>Quality (1-5)</i> | <i>Note - 1</i> | <i>Note - 2</i> |
|----------------------|----------------|---------------------|-------------------|--------------------|-------------------|-------------------|------------------------|-------------------|---------------------|----------------------|-----------------|-----------------|
| IR4L17 00+75N | GH | 5/21/2004 | 546889.74712 | 5448345.139968 | brown | orange | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 00+75S | GH | 5/21/2004 | 546893.87888 | 5448202.353936 | grey | NA | | 15 | B | 2 | ROCKY | N/A |
| IR4L17 01+00N | GH | 5/21/2004 | 546889.68687 | 5448371.169624 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 01+00S | GH | 5/21/2004 | 546895.19589 | 5448180.788249 | grey | tan | | 15 | B | 2 | ROCKY | N/A |
| IR4L17 01+25N | GH | 5/21/2004 | 546889.62663 | 5448397.199280 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 01+25S | GH | 5/21/2004 | 546896.51290 | 5448159.222562 | brown | orange | | 15 | B | 3 | ROCKY | N/A |
| IR4L17 01+50N | GH | 5/21/2004 | 546889.56638 | 5448423.228936 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 01+50S | GH | 5/21/2004 | 546897.82991 | 5448137.656874 | orange | dark | | 15 | B | 3 | ROCKY | N/A |
| IR4L17 01+75N | GH | 5/21/2004 | 546889.50614 | 5448449.258593 | brown | orange | | 15 | B | 4 | ORGANIC | N/A |
| IR4L17 01+75S | GH | 5/21/2004 | 546899.14692 | 5448116.091187 | orange | dark | | 15 | B | 3 | ROCKY | N/A |
| IR4L17 02+00N | GH | 5/21/2004 | 546889.44589 | 5448475.288249 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 02+00S | GH | 5/21/2004 | 546900.46393 | 5448094.525499 | orange | brown | | 15 | B | 3 | ROCKY | N/A |
| IR4L17 02+25N | GH | 5/21/2004 | 546889.38565 | 5448501.317905 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 02+25S | GH | 5/21/2004 | 546901.78094 | 5448072.959812 | | | | | | 0 | | |
| IR4L17 02+50N | GH | 5/21/2004 | 546889.32540 | 5448527.347562 | brown | orange | | 15 | B | 4 | ORGANIC | N/A |
| IR4L17 02+50S | JC | 5/21/2004 | 546903.09795 | 5448051.394125 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L17 02+75N | GH | 5/21/2004 | 546889.26515 | 5448553.377218 | brown | orange | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 02+75S | JC | 5/21/2004 | 546904.41495 | 5448029.828437 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L17 03+00N | GH | 5/21/2004 | 546889.20491 | 5448579.406874 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 03+00S | JC | 5/21/2004 | 546905.73196 | 5448008.26275 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L17 03+25N | GH | 5/21/2004 | 546889.14466 | 5448605.436530 | brown | NA | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L17 03+25S | JC | 5/21/2004 | 546907.04897 | 5447986.697062 | light | brown | | 25 | B | 5 | N/A | N/A |
| IR4L17 03+50N | GH | 5/21/2004 | 546889.08442 | 5448631.466187 | brown | NA | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 03+50S | JC | 5/21/2004 | 546908.36598 | 5447965.131375 | light | brown | | 25 | B | 5 | N/A | N/A |
| IR4L17 03+75N | GH | 5/21/2004 | 546889.02417 | 5448657.495843 | brown | orange | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 03+75S | JC | 5/21/2004 | 546909.68299 | 5447943.565687 | light | brown | | 25 | B | 5 | N/A | N/A |
| IR4L17 04+00N | GH | 5/21/2004 | 546888.96393 | 5448683.525499 | brown | orange | | 15 | B | 3 | ORGANIC | N/A |
| IR4L17 04+00S | JC | 5/21/2004 | 546911 | 5447922 | brown | orange | | 25 | B | 5 | LINE_END | N/A |
| IR4L17 04+25N | GH | 5/21/2004 | 546888.90368 | 5448709.555156 | brown | light | | 15 | B | 3 | STUMP_SAMPLE | ROCKY |
| IR4L17 04+50N | GH | 5/21/2004 | 546888.84344 | 5448735.584812 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L17 04+75N | GH | 5/21/2004 | 546888.78319 | 5448761.614468 | brown | NA | | 15 | B | 3 | ORGANIC | ROCKY |
| IR4L17 05+00N | JC | 5/21/2004 | 546888.72295 | 5448787.644125 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 05+25N | JC | 5/21/2004 | 546888.66270 | 5448813.673781 | brown | orange | | 25 | B | 4 | CROSSED_CREEK | N/A |
| IR4L17 05+50N | JC | 5/21/2004 | 546888.60245 | 5448839.703437 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 05+75N | JC | 5/21/2004 | 546888.54221 | 5448865.733093 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 06+00N | JC | 5/21/2004 | 546888.48196 | 5448891.76275 | brown | orange | | 25 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|--------------|------------|
| IR4L17 06+25N | JC | 5/21/2004 | 546888.42172 | 5448917.792406 | brown | orange | | 25 | B | 5 | N/A | N/A |
| IR4L17 06+50N | JC | 5/21/2004 | 546888.36147 | 5448943.822062 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 06+75N | JC | 5/21/2004 | 546888.30123 | 5448969.851719 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 07+00N | JC | 5/21/2004 | 546888.24098 | 5448995.881375 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 07+25N | JC | 5/21/2004 | 546888.18074 | 5449021.911031 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 07+50N | JC | 5/21/2004 | 546888.12049 | 5449047.940687 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L17 07+75N | JC | 5/21/2004 | 546888.06025 | 5449073.970344 | brown | orange | | 15 | B | 5 | N/A | N/A |
| IR4L17 08+00N | JC | 5/21/2004 | 546888 | 5449100 | brown | orange | | 25 | B | 5 | LINE_END | N/A |
| IR4L18 00+25N | GH | 5/22/2004 | 547101.14327 | 5448292.893155 | brown | orange | | 15 | B | 4 | LINE_START | N/A |
| IR4L18 00+25S | GH | 5/22/2004 | 547104.55954 | 5448246.970153 | brown | NA | | 15 | B | 3 | ORGANIC | LINE_START |
| IR4L18 00+50N | GH | 5/22/2004 | 547101.49349 | 5448318.735311 | brown | orange | | 15 | B | 3 | ROCKY | N/A |
| IR4L18 00+50S | GH | 5/22/2004 | 547106.09625 | 5448226.889307 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L18 00+75N | GH | 5/22/2004 | 547101.84371 | 5448344.577467 | brown | NA | | 15 | B | 3 | ROCKY | N/A |
| IR4L18 00+75S | GH | 5/22/2004 | 547107.63295 | 5448206.808461 | grey | NA | | 15 | B | 2 | ROCKY | ROCKY |
| IR4L18 01+00N | GH | 5/22/2004 | 547102.19392 | 5448370.419624 | brown | orange | | 15 | B | 4 | STUMP_SAMPLE | N/A |
| IR4L18 01+00S | GH | 5/22/2004 | 547109.16966 | 5448186.727614 | grey | brown | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L18 01+25N | JC | 5/22/2004 | 547102.54414 | 5448396.26178 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 01+25S | GH | 5/22/2004 | 547110.70636 | 5448166.646768 | grey | brown | | 15 | B | 3 | ROCKY | ORGANIC |
| IR4L18 01+50N | JC | 5/22/2004 | 547102.89436 | 5448422.103936 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L18 01+50S | GH | 5/22/2004 | 547112.24307 | 5448146.565922 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 01+75N | JC | 5/22/2004 | 547103.24457 | 5448447.946093 | brown | orange | | 25 | B | 4 | N/A | N/A |
| IR4L18 01+75S | GH | 5/22/2004 | 547113.77977 | 5448126.485076 | grey | NA | | 15 | B | 2 | ROCKY | ROCKY |
| IR4L18 02+00N | JC | 5/22/2004 | 547103.59479 | 5448473.788249 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 02+00S | GH | 5/22/2004 | 547115.31648 | 5448106.404230 | brown | light | | 15 | B | 4 | N/A | N/A |
| IR4L18 02+25N | JC | 5/22/2004 | 547103.94501 | 5448499.630405 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 02+25S | GH | 5/22/2004 | 547116.85318 | 5448086.323384 | brown | light | | 15 | B | 3 | ORGANIC | N/A |
| IR4L18 02+50N | JC | 5/22/2004 | 547104.29523 | 5448525.472561 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 02+50S | GH | 5/22/2004 | 547118.38989 | 5448066.242538 | brown | NA | | 15 | B | 2 | ORGANIC | ORGANIC |
| IR4L18 02+75N | JC | 5/22/2004 | 547104.64544 | 5448551.314718 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 02+75S | GH | 5/22/2004 | 547119.92659 | 5448046.161692 | brown | NA | | 15 | B | 3 | ORGANIC | N/A |
| IR4L18 03+00N | JC | 5/22/2004 | 547104.99566 | 5448577.156874 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 03+00S | GH | 5/22/2004 | 547121.4633 | 5448026.080846 | brown | orange | | 15 | B | 3 | ORGANIC | N/A |
| IR4L18 03+25N | JC | 5/22/2004 | 547105.34588 | 5448602.999030 | brown | orange | | 15 | B | 4 | ROCKY | N/A |
| IR4L18 03+25S | GH | 5/22/2004 | 547123 | 5448006 | yellow | orange | | 15 | B | 3 | LINE_END | N/A |
| IR4L18 03+50N | JC | 5/22/2004 | 547105.69609 | 5448628.841187 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 03+75N | JC | 5/22/2004 | 547106.04631 | 5448654.683343 | brown | orange | | 15 | B | 4 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|---------------|
| IR4L18 04+00N | JC | 5/22/2004 | 547106.39653 | 5448680.525499 | brown | orange | | 15 | B | 4 | ROCKY | N/A |
| IR4L18 04+25N | JC | 5/22/2004 | 547106.74674 | 5448706.367656 | brown | orange | | 15 | B | 4 | ROCKY | 5M PAST |
| IR4L18 04+50N | JC | 5/22/2004 | 547107.09696 | 5448732.209812 | brown | orange | | 15 | B | 4 | ROCKY | CROSSED_CREEK |
| IR4L18 04+75N | JC | 5/22/2004 | 547107.44718 | 5448758.051968 | brown | orange | | 15 | B | 4 | ROCKY | N/A |
| IR4L18 05+00N | JC | 5/22/2004 | 547107.7974 | 5448783.894124 | brown | orange | | 15 | B | 3 | ROCKY | N/A |
| IR4L18 05+25N | JC | 5/22/2004 | 547108.14761 | 5448809.736281 | brown | orange | | 15 | B | 4 | ROCKY | N/A |
| IR4L18 05+50N | JC | 5/22/2004 | 547108.49783 | 5448835.578437 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 05+75N | JC | 5/22/2004 | 547108.84805 | 5448861.420593 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 06+00N | JC | 5/22/2004 | 547109.19826 | 5448887.26275 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 06+25N | JC | 5/22/2004 | 547109.54848 | 5448913.104906 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 06+50N | JC | 5/22/2004 | 547109.8987 | 5448938.947062 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 06+75N | JC | 5/22/2004 | 547110.24891 | 5448964.789219 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 07+00N | JC | 5/22/2004 | 547110.59913 | 5448990.631375 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 07+25N | JC | 5/22/2004 | 547110.94935 | 5449016.473531 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 07+50N | JC | 5/22/2004 | 547111.29957 | 5449042.315687 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 07+75N | JC | 5/22/2004 | 547111.64978 | 5449068.157844 | brown | orange | | 15 | B | 4 | N/A | N/A |
| IR4L18 08+00N | JC | 5/22/2004 | 547112 | 5449094 | brown | orange | | 15 | B | 4 | LINE_END | N/A |
| IRL14 00+00 | HC | 5/10/2005 | 540610.05442 | 5443186.109896 | brown | dark | 0 - 20 | 15 | B | 5 | LINE_START | |
| IRL14 00+25W | HC | 5/10/2005 | 540586.93306 | 5443192.253590 | dark | brown | 0 - 20 | 25 | B | 4 | N/A | |
| IRL14 00+50W | HC | 5/10/2005 | 540562.92398 | 5443201.467809 | brown | brown | | 15 | B | 5 | N/A | |
| IRL14 00+75W | HC | 5/10/2005 | 540545.81009 | 5443220.071610 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 01+00W | HC | 5/10/2005 | 540525.10973 | 5443233.749264 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 01+25W | HC | 5/10/2005 | 540512.06085 | 5443255.932372 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 01+50W | HC | 5/10/2005 | 540497.31191 | 5443276.944328 | brown | brown | 0 - 20 | 25 | B | 5 | N/A | |
| IRL14 01+75W | HC | 5/10/2005 | 540483.82056 | 5443298.695751 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 02+00W | HC | 5/10/2005 | 540473.27386 | 5443322.141433 | brown | brown | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL14 02+25W | HC | 5/10/2005 | 540463.96942 | 5443346.137082 | brown | brown | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL14 02+50W | HC | 5/10/2005 | 540455.56105 | 5443370.39867 | brown | brown | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL14 02+75W | HC | 5/10/2005 | 540447.94008 | 5443394.941519 | brown | brown | 0 - 20 | 5 | B | 5 | ABOVE_ROAD | |
| IRL14 03+00W | HC | 5/10/2005 | 540441.56173 | 5443419.87504 | brown | brown | | 5 | B | 5 | N/A | |
| IRL14 03+25W | HC | 5/10/2005 | 540437.42498 | 5443445.222606 | brown | brown | 0 - 20 | 15 | B | 4 | ABOVE_ROAD | |
| IRL14 03+50W | HC | 5/10/2005 | 540443.27316 | 5443469.622291 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 03+75W | HC | 5/10/2005 | 540452.09929 | 5443493.797895 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 04+00W | HC | 5/10/2005 | 540456.32155 | 5443518.148603 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 04+25W | HC | 5/10/2005 | 540449.70688 | 5443543.020106 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 04+50W | HC | 5/10/2005 | 540443.31459 | 5443567.950053 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL14 04+75W | HC | 5/10/2005 | 540440.14040 | 5443593.196191 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 05+00W | HC | 5/10/2005 | 540442.87014 | 5443618.787444 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 05+25W | HC | 5/10/2005 | 540445.59987 | 5443644.378698 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 05+50W | HC | 5/10/2005 | 540454.97906 | 5443656.064491 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 05+75W | HC | 5/10/2005 | 540458.32724 | 5443677.118801 | brown | brown | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 06+00W | HC | 5/10/2005 | 540455.27591 | 5443702.673703 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 06+25W | HC | 5/10/2005 | 540452.22458 | 5443728.228606 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 06+50W | HC | 5/10/2005 | 540444.75543 | 5443752.684116 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 06+75W | HC | 5/10/2005 | 540435.47371 | 5443776.688561 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 07+00W | HC | 5/10/2005 | 540426.19199 | 5443800.693006 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 07+25W | HC | 5/10/2005 | 540418.11021 | 5443825.104235 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 07+50W | HC | 5/10/2005 | 540410.88088 | 5443849.804447 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 07+75W | HC | 5/10/2005 | 540402.41583 | 5443874.106082 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 08+00W | HC | 5/10/2005 | 540389.70675 | 5443896.019277 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 08+25W | HC | 5/10/2005 | 540381.74746 | 5443920.321014 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 08+50W | HC | 5/10/2005 | 540373.95865 | 5443944.850354 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 08+75W | HC | 5/10/2005 | 540360.54436 | 5443966.540330 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL14 09+00W | HC | 5/10/2005 | 540354.20325 | 5443991.370173 | brown | NA | | 15 | B | 5 | N/A | |
| IRL14 09+25W | HC | 5/10/2005 | 540347.69202 | 5444016.267334 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 09+50W | HC | 5/10/2005 | 540341.36999 | 5444041.204369 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 09+75W | HC | 5/10/2005 | 540336.64385 | 5444066.503129 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 10+00W | HC | 5/10/2005 | 540336.04878 | 5444092.217278 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 10+25W | HC | 5/10/2005 | 540332.43274 | 5444117.177958 | dark | brown | | 15 | B | 4 | N/A | |
| IRL14 10+50W | HC | 5/10/2005 | 540323.35355 | 5444140.967832 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 10+75W | HC | 5/10/2005 | 540319.92000 | 5444166.474193 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 11+00W | HC | 5/10/2005 | 540318.76077 | 5444191.876470 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 11+25W | HC | 5/10/2005 | 540324.50967 | 5444216.962598 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 11+50W | HC | 5/10/2005 | 540329.90339 | 5444242.122278 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL14 11+75W | HC | 5/10/2005 | 540332.62889 | 5444267.506947 | brown | NA | 0 - 20 | 25 | B | 5 | N/A | |
| IRL14 12+00W | HC | 5/10/2005 | 540330.03696 | 5444293.112122 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL14 12+25W | HC | 5/10/2005 | 540327.80743 | 5444318.751795 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 12+50W | HC | 5/10/2005 | 540328.26664 | 5444344.209238 | brown | NA | | 15 | B | 5 | N/A | |
| IRL14 12+75W | HC | 5/10/2005 | 540334.39530 | 5444369.165717 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 13+00W | HC | 5/10/2005 | 540344.42035 | 5444392.86935 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 13+25W | HC | 5/10/2005 | 540354.46198 | 5444416.565945 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 13+50W | HC | 5/10/2005 | 540364.53921 | 5444440.247438 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL14 13+75W | HC | 5/10/2005 | 540372.6676 | 5444464.664799 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 14+00W | HC | 5/10/2005 | 540380.75762 | 5444489.096649 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 14+25W | HC | 5/10/2005 | 540389.58849 | 5444513.269153 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 14+50W | HC | 5/10/2005 | 540394.99855 | 5444538.428311 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 14+75W | HC | 5/10/2005 | 540400.97658 | 5444563.292865 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL14 15+00W | HC | 5/10/2005 | 540418.11158 | 5444582.495877 | brown | NA | 20 - 40 | 25 | B | 5 | ABOVE_ROAD | |
| IRL14 15+25W | HC | 5/10/2005 | 540430.47505 | 5444604.994849 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL14 15+50W | HC | 5/10/2005 | 540442.36968 | 5444627.817675 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL14 15+75W | HC | 5/10/2005 | 540449.54007 | 5444652.255707 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | |
| IRL14 16+00W | HC | 5/10/2005 | 540454.10801 | 5444677.583511 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL14 16+25W | HC | 5/10/2005 | 540458.68326 | 5444702.909756 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 16+50W | HC | 5/10/2005 | 540467.28897 | 5444725.321569 | brown | orange | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 16+75W | HC | 5/10/2005 | 540474.5837 | 5444744.833385 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 17+00W | HC | 5/10/2005 | 540482.3517 | 5444768.826843 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 17+25W | HC | 5/10/2005 | 540496.62770 | 5444790.240845 | brown | grey | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 17+50W | HC | 5/10/2005 | 540508.80529 | 5444812.735998 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 17+75W | HC | 5/10/2005 | 540524.15518 | 5444833.393794 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL14 18+00W | HC | 5/10/2005 | 540539.50507 | 5444854.051590 | brown | NA | 20 - 40 | 15 | B | 5 | LINE_END | |
| IRL15 00+25E | AH | 5/10/2005 | 540631.19184 | 5443177.759412 | brown | NA | | 15 | B | 4 | N/A | |
| IRL15 00+50E | AH | 5/10/2005 | 540653.29014 | 5443168.814862 | | | | | | | | |
| IRL15 00+75E | AH | 5/10/2005 | 540676.72197 | 5443164.810476 | | | | | | | | |
| IRL15 01+00E | AH | 5/10/2005 | 540698.69033 | 5443165.805340 | | | | | | | | |
| IRL15 01+25E | AH | 5/10/2005 | 540720.68944 | 5443169.53319 | | | | | | | | |
| IRL15 01+50E | AH | 5/10/2005 | 540737 | 5443157.417792 | | | | | | | | |
| IRL15 01+75E | AH | 5/10/2005 | 540741.24713 | 5443135.011460 | | | | | | | | |
| IRL15 02+00E | AH | 5/10/2005 | 540748.00456 | 5443113.901635 | | | | | | | | |
| IRL15 02+25E | AH | 5/10/2005 | 540762.37003 | 5443094.92282 | | | | | | | | |
| IRL15 02+50E | AH | 5/10/2005 | 540779.36803 | 5443078.734297 | | | | | | | | |
| IRL15 02+75E | AH | 5/10/2005 | 540799.99969 | 5443066.789653 | | | | | | | | |
| IRL15 03+00E | AH | 5/10/2005 | 540819.53419 | 5443053.25347 | | | | | | | | |
| IRL15 03+25E | AH | 5/10/2005 | 540841.3196 | 5443047.998851 | | | | | | | | |
| IRL15 03+50E | AH | 5/10/2005 | 540864.14407 | 5443041.115281 | | | | | | | | |
| IRL15 03+75E | AH | 5/10/2005 | 540886.96854 | 5443034.231711 | | | | | | | | |
| IRL15 04+00E | AH | 5/10/2005 | 540909.27031 | 5443033.993902 | | | | | | | | |
| IRL15 04+25E | AH | 5/10/2005 | 540928.37822 | 5443047.424755 | | | | | | | | |
| IRL15 04+50E | AH | 5/10/2005 | 540943.98039 | 5443065.448666 | | | | | | | | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL15 04+75E | AH | 5/10/2005 | 540960.38565 | 5443082.673916 | | | | | | | | |
| IRL15 05+00E | AH | 5/10/2005 | 540979.57644 | 5443096.707255 | | | | | | | | |
| IRL15 05+25E | AH | 5/10/2005 | 541000.68593 | 5443107.785572 | | | | | | | | |
| IRL15 05+50E | AH | 5/10/2005 | 541015.45927 | 5443126.185198 | | | | | | | | |
| IRL15 05+75E | AH | 5/10/2005 | 541029.45251 | 5443145.486214 | | | | | | | | |
| IRL15 06+00E | AH | 5/10/2005 | 541039.21332 | 5443167.116559 | | | | | | | | |
| IRL15 06+25E | AH | 5/10/2005 | 541051.17232 | 5443186.831637 | | | | | | | | |
| IRL15 06+50E | AH | 5/10/2005 | 541070.42043 | 5443200.897562 | | | | | | | | |
| IRL15 06+75E | AH | 5/10/2005 | 541089.66854 | 5443214.963487 | | | | | | | | |
| IRL15 07+00E | AH | 5/10/2005 | 541108.2117 | 5443229.831455 | | | | | | | | |
| IRL15 07+25E | AH | 5/10/2005 | 541124.63140 | 5443247.115355 | | | | | | | | |
| IRL15 07+50E | AH | 5/10/2005 | 541142.48457 | 5443262.905884 | | | | | | | | |
| IRL15 07+75E | AH | 5/10/2005 | 541161.82347 | 5443276.551398 | | | | | | | | |
| IRL15 08+00E | AH | 5/10/2005 | 541183.00808 | 5443287.485390 | | | | | | | | |
| IRL15 08+25E | AH | 5/10/2005 | 541197.43306 | 5443305.707370 | | | | | | | | |
| IRL15 08+50E | AH | 5/10/2005 | 541212.71271 | 5443323.08256 | | | | | | | | |
| IRL12 00+00 | AH | 5/11/2005 | 540494.07171 | 5442920.971316 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL12 00+25W | AH | 5/11/2005 | 540472.65746 | 5442932.005521 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 00+50W | AH | 5/11/2005 | 540451.53045 | 5442943.734774 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 00+75W | AH | 5/11/2005 | 540430.45314 | 5442955.477857 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 01+00W | AH | 5/11/2005 | 540409.68021 | 5442967.599856 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 01+25W | AH | 5/11/2005 | 540389.77319 | 5442981.328831 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 01+50W | AH | 5/11/2005 | 540374.75840 | 5442999.638395 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 01+75W | AH | 5/11/2005 | 540364.46174 | 5443021.518812 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 02+00W | AH | 5/11/2005 | 540352.52661 | 5443042.420173 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 02+25W | AH | 5/11/2005 | 540345.80921 | 5443065.644083 | brown | NA | 0 - 20 | 15 | B | 3 | N/A | |
| IRL12 02+50W | AH | 5/11/2005 | 540339.80297 | 5443089.06841 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 02+75W | AH | 5/11/2005 | 540333.54823 | 5443112.42637 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 03+00W | AH | 5/11/2005 | 540327.07604 | 5443135.726256 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 03+25W | AH | 5/11/2005 | 540316.41408 | 5443157.384605 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 03+50W | AH | 5/11/2005 | 540308.18887 | 5443180.124877 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 03+75W | AH | 5/11/2005 | 540299.79980 | 5443202.800461 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 04+00W | AH | 5/11/2005 | 540291.00176 | 5443225.281533 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL12 04+25W | AH | 5/11/2005 | 540281.63766 | 5443247.576996 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 04+50W | AH | 5/11/2005 | 540273.06707 | 5443270.165411 | brown | NA | 0 - 20 | 15 | B | 4 | ABOVE ROAD | |
| IRL12 04+75W | AH | 5/11/2005 | 540266.16727 | 5443293.330916 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL12 05+00W | AH | 5/11/2005 | 540260.30225 | 5443316.790999 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL12 05+25W | AH | 5/11/2005 | 540253.46643 | 5443339.958232 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 05+50W | AH | 5/11/2005 | 540245.78327 | 5443362.8422 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 05+75W | AH | 5/11/2005 | 540243.38630 | 5443386.898625 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 06+00W | AH | 5/11/2005 | 540241.72252 | 5443411.023421 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 06+25W | AH | 5/11/2005 | 540240.05874 | 5443435.148218 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 06+50W | AH | 5/11/2005 | 540238.23775 | 5443459.261638 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 06+75W | AH | 5/11/2005 | 540236.41101 | 5443483.374642 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 07+00W | AH | 5/11/2005 | 540235.60775 | 5443507.469711 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 07+25W | AH | 5/11/2005 | 540231.11157 | 5443531.042548 | brown | NA | 0 - 20 | 15 | B | 5 | 5M PAST | |
| IRL12 07+50W | AH | 5/11/2005 | 540224.2081 | 5443553.898078 | brown | NA | 0 - 20 | 15 | B | 4 | 5M PAST | |
| IRL12 07+75W | AH | 5/11/2005 | 540207.60766 | 5443571.482142 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 08+00W | AH | 5/11/2005 | 540194.15324 | 5443591.516334 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 08+25W | AH | 5/11/2005 | 540181.03420 | 5443611.829080 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 08+50W | AH | 5/11/2005 | 540167.62039 | 5443631.949804 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 08+75W | AH | 5/11/2005 | 540157.6535 | 5443653.756362 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 09+00W | AH | 5/11/2005 | 540150.00644 | 5443676.697516 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 09+25W | AH | 5/11/2005 | 540142.35939 | 5443699.638671 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 09+50W | AH | 5/11/2005 | 540132.16806 | 5443721.561256 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 09+75W | AH | 5/11/2005 | 540121.87139 | 5443743.441672 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 10+00W | AH | 5/11/2005 | 540116.53729 | 5443766.807682 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 10+25W | AH | 5/11/2005 | 540113.09708 | 5443790.743592 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 10+50W | AH | 5/11/2005 | 540109.12156 | 5443814.596668 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 10+75W | AH | 5/11/2005 | 540105.14605 | 5443838.449745 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 11+00W | AH | 5/11/2005 | 540101.06501 | 5443862.283479 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 11+25W | AH | 5/11/2005 | 540096.32251 | 5443885.995979 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 11+50W | AH | 5/11/2005 | 540091.58001 | 5443909.708479 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 11+75W | AH | 5/11/2005 | 540086.33846 | 5443933.263347 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 12+00W | AH | 5/11/2005 | 540076.5994 | 5443955.397586 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 12+25W | AH | 5/11/2005 | 540066.86033 | 5443977.531826 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 12+50W | AH | 5/11/2005 | 540057.12127 | 5443999.666065 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 12+75W | AH | 5/11/2005 | 540052.30591 | 5444023.261999 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 13+00W | AH | 5/11/2005 | 540048.38986 | 5444047.124910 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 13+25W | AH | 5/11/2005 | 540044.47382 | 5444070.987822 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 13+50W | AH | 5/11/2005 | 540038.89434 | 5444094.485893 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 13+75W | AH | 5/11/2005 | 540032.46362 | 5444117.797258 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL12 14+00W | AH | 5/11/2005 | 540026.03290 | 5444141.108624 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 14+25W | AH | 5/11/2005 | 540020.25127 | 5444164.586325 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 14+50W | AH | 5/11/2005 | 540014.67810 | 5444188.117450 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 14+75W | AH | 5/11/2005 | 540009.10494 | 5444211.648575 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 15+00W | AH | 5/11/2005 | 540003.53178 | 5444235.1797 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 15+25W | AH | 5/11/2005 | 540012.45914 | 5444257.588764 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL12 15+50W | AH | 5/11/2005 | 540021.58599 | 5444279.982391 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL12 15+75W | AH | 5/11/2005 | 540031.3671 | 5444301.99576 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 16+00W | AH | 5/11/2005 | 540046.30732 | 5444321.010588 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 16+25W | AH | 5/11/2005 | 540061.24754 | 5444340.025417 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 16+50W | AH | 5/11/2005 | 540067.68615 | 5444363.317260 | brown | grey | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 16+75W | AH | 5/11/2005 | 540078.50972 | 5444384.616931 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 17+00W | AH | 5/11/2005 | 540091.92354 | 5444404.737654 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 17+25W | AH | 5/11/2005 | 540100.50964 | 5444427.283502 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 17+50W | AH | 5/11/2005 | 540108.40546 | 5444450.132089 | brown | grey | 0 - 20 | 15 | B | 4 | N/A | |
| IRL12 17+75W | AH | 5/11/2005 | 540114.87765 | 5444473.431975 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL12 18+00W | AH | 5/11/2005 | 540121.34984 | 5444496.731862 | brown | grey | 0 - 20 | 15 | B | 4 | LINE_END | |
| IRL13 00+25E | HC | 5/11/2005 | 540518.66548 | 5442890.906455 | brown | NA | 0 - 20 | 15 | B | 3 | BELOW_ROAD | |
| IRL13 00+50E | HC | 5/11/2005 | 540532.59576 | 5442872.808482 | brown | light | 0 - 20 | 15 | B | 5 | BELOW_ROAD | |
| IRL13 00+75E | HC | 5/11/2005 | 540540.27957 | 5442851.241922 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 01+00E | HC | 5/11/2005 | 540544.47218 | 5442828.908073 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 01+25E | HC | 5/11/2005 | 540553.60014 | 5442807.799668 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 01+50E | HC | 5/11/2005 | 540562.34891 | 5442786.540487 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 01+75E | HC | 5/11/2005 | 540568.99062 | 5442764.532841 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 02+00E | HC | 5/11/2005 | 540580.9622 | 5442745.087135 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 02+25E | HC | 5/11/2005 | 540594.00879 | 5442726.14853 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 02+50E | HC | 5/11/2005 | 540608.18007 | 5442708.101920 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 02+75E | HC | 5/11/2005 | 540625.77481 | 5442693.567977 | brown | NA | 0 - 20 | 15 | B | 3 | N/A | |
| IRL13 03+00E | HC | 5/11/2005 | 540643.76607 | 5442679.593258 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 03+25E | HC | 5/11/2005 | 540659.76770 | 5442663.174223 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 03+50E | HC | 5/11/2005 | 540678.27723 | 5442649.536202 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 03+75E | HC | 5/11/2005 | 540697.62274 | 5442637.10095 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL13 04+00E | HC | 5/11/2005 | 540719.45172 | 5442630.341036 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 04+25E | HC | 5/11/2005 | 540741.81244 | 5442626.565381 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 04+50E | HC | 5/11/2005 | 540764.53664 | 5442630.100256 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 04+75E | HC | 5/11/2005 | 540787.26084 | 5442633.635131 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL13 05+00E | HC | 5/11/2005 | 540809.17534 | 5442640.044647 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL13 05+25E | HC | 5/11/2005 | 540830.40379 | 5442648.889834 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 05+50E | HC | 5/11/2005 | 540851.03524 | 5442658.822689 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL13 05+75E | HC | 5/11/2005 | 540869.89610 | 5442671.981428 | NA | NA | | 5 | B | 1 | N/A | |
| IRL13 06+00E | HC | 5/11/2005 | 540888.75696 | 5442685.140166 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL13 06+25E | HC | 5/11/2005 | 540907.30928 | 5442698.687564 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 06+50E | HC | 5/11/2005 | 540924.40317 | 5442714.072072 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 06+75E | HC | 5/11/2005 | 540941.49707 | 5442729.456579 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 07+00E | HC | 5/11/2005 | 540959.22707 | 5442744.09556 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL13 07+25E | HC | 5/11/2005 | 540977.11060 | 5442758.554589 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 07+50E | HC | 5/11/2005 | 540994.99414 | 5442773.013618 | dark | brown | 20 - 40 | 15 | B | 5 | BASE OF CLIFF | |
| IRL13 07+75E | HC | 5/11/2005 | 541013.05206 | 5442787.245998 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 08+00E | HC | 5/11/2005 | 541031.61173 | 5442800.826243 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 08+25E | HC | 5/11/2005 | 541049.71739 | 5442814.984524 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL13 08+50E | HC | 5/11/2005 | 541067.28612 | 5442829.821253 | brown | NA | 20 - 40 | 5 | B | 4 | N/A | |
| IRL13 08+75E | HC | 5/11/2005 | 541082.79262 | 5442846.804563 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 09+00E | HC | 5/11/2005 | 541097.42346 | 5442864.40279 | brown | NA | 20 - 40 | 5 | B | 5 | TOP OF CLIFF | |
| IRL13 09+25E | HC | 5/11/2005 | 541108.13446 | 5442884.753684 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 09+50E | HC | 5/11/2005 | 541115.93475 | 5442906.368306 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 09+75E | HC | 5/11/2005 | 541124.10017 | 5442927.857181 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL13 10+00E | HC | 5/11/2005 | 541132.89330 | 5442949.107246 | light | brown | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 10+25E | HC | 5/12/2005 | 541140.69681 | 5442970.726472 | light | brown | 0 - 20 | 15 | B | 5 | LINE_START | |
| IRL13 10+50E | HC | 5/12/2005 | 541147.96926 | 5442992.543803 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL13 10+75E | HC | 5/12/2005 | 541157.63535 | 5443013.369654 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL13 11+00E | HC | 5/12/2005 | 541167.92014 | 5443033.939232 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL13 11+25E | HC | 5/12/2005 | 541176.93767 | 5443055.092984 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL13 11+50E | HC | 5/12/2005 | 541188.82456 | 5443073.928859 | NA | NA | 20 - 40 | 25 | B | 1 | ROCKY | |
| IRL13 11+75E | HC | 5/12/2005 | 541206.32624 | 5443088.588183 | NA | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL13 12+00E | HC | 5/12/2005 | 541220.86259 | 5443106.408922 | brown | NA | 20 - 40 | 45 | B | 5 | TALUS | |
| IRL13 12+25E | HC | 5/12/2005 | 541235.39895 | 5443124.229662 | brown | NA | 20 - 40 | 35 | B | 5 | TALUS | |
| IRL13 12+50E | HC | 5/12/2005 | 541251.36747 | 5443140.518846 | brown | NA | 40 - 60 | 5 | B | 3 | TOP OF CLIFF | |
| IRL13 12+75E | HC | 5/12/2005 | 541270.12208 | 5443153.828573 | brown | NA | 40 - 60 | 5 | B | 4 | TOP OF CLIFF | |
| IRL13 13+00E | HC | 5/12/2005 | 541287.24323 | 5443169.086366 | dark | brown | 40 - 60 | 5 | B | 4 | TOP OF CLIFF | |
| IRL13 13+25E | HC | 5/12/2005 | 541303.61874 | 5443185.233409 | brown | NA | > 60 | 5 | B | 4 | TOP OF CLIFF | |
| IRL13 13+50E | HC | 5/12/2005 | 541319.99426 | 5443201.380451 | brown | NA | > 60 | 5 | B | 5 | TOP OF CLIFF | |
| IRL13 13+75E | HC | 5/12/2005 | 541336.56175 | 5443217.292695 | brown | NA | > 60 | 5 | B | 5 | TOP OF CLIFF | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL13 14+00E | HC | 5/12/2005 | 541354.1802 | 5443231.751500 | brown | NA | > 60 | 5 | B | 5 | TOP OF CLIFF | |
| IRL13 14+25E | HC | 5/12/2005 | 541368.90283 | 5443249.418659 | brown | NA | > 60 | 5 | B | 2 | TOP OF CLIFF | |
| IRL13 14+50E | HC | 5/12/2005 | 541385.14817 | 5443265.553504 | brown | NA | > 60 | 15 | B | 4 | BASE OF CLIFF | |
| IRL13 14+75E | HC | 5/12/2005 | 541402.90754 | 5443280.164777 | brown | NA | > 60 | 15 | B | 4 | TOP OF CLIFF | |
| IRL13 15+00E | HC | 5/12/2005 | 541415.48258 | 5443298.678459 | brown | NA | > 60 | 15 | B | 4 | TOP OF CLIFF | |
| IRL13 15+25E | HC | 5/12/2005 | 541424.61054 | 5443319.786863 | brown | NA | > 60 | 15 | B | 4 | TOP OF CLIFF | |
| IRL13 15+50E | HC | 5/12/2005 | 541441.40675 | 5443334.948093 | brown | NA | 40 - 60 | 15 | B | 4 | TOP OF CLIFF | |
| IRL13 15+75E | HC | 5/12/2005 | 541459.57982 | 5443349.041494 | brown | NA | > 60 | 15 | B | 4 | BASE OF CLIFF | |
| IRL13 16+00E | HC | 5/12/2005 | 541477.15597 | 5443363.736419 | brown | NA | 40 - 60 | 35 | B | 2 | BASE OF CLIFF | |
| IRL13 16+25E | HC | 5/12/2005 | 541491.38847 | 5443381.800753 | brown | NA | 20 - 40 | 5 | B | 4 | STUMP_SAMPLE | |
| IRL13 16+50E | HC | 5/12/2005 | 541505.48006 | 5443399.973418 | brown | NA | 20 - 40 | 15 | B | 2 | TALUS | |
| IRL13 16+75E | HC | 5/12/2005 | 541519.32828 | 5443418.328281 | brown | NA | 20 - 40 | 5 | B | 1 | SMALL_SAMPLE | |
| IRL13 17+00E | HC | 5/12/2005 | 541535.58996 | 5443434.589959 | NA | NA | 20 - 40 | 5 | B | 1 | TALUS | |
| IRL13 17+25E | HC | 5/12/2005 | 541556.54893 | 5443443.679939 | NA | NA | 20 - 40 | 15 | B | 3 | N/A | |
| IRL13 17+50E | HC | 5/12/2005 | 541572.56078 | 5443458.684849 | brown | NA | 20 - 40 | 15 | B | 3 | N/A | |
| IRL13 17+75E | HC | 5/12/2005 | 541589.57613 | 5443473.667847 | brown | NA | 20 - 40 | 5 | B | 1 | TALUS | |
| IRL13 18+00E | HC | 5/12/2005 | 541608.30911 | 5443487.008002 | brown | NA | 0 - 20 | 15 | B | 3 | N/A | |
| IRL13 18+25E | HC | 5/12/2005 | 541627.04209 | 5443500.348156 | brown | NA | 0 - 20 | 15 | B | 5 | STUMP_SAMPLE | |
| IRL13 18+50E | HC | 5/12/2005 | 541646.05125 | 5443513.250692 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 18+75E | HC | 5/12/2005 | 541666.75983 | 5443523.223257 | brown | NA | | 15 | B | 1 | TALUS | |
| IRL13 19+00E | HC | 5/12/2005 | 541687.66604 | 5443532.805269 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL13 19+25E | HC | 5/12/2005 | 541705.31786 | 5443546.423819 | brown | NA | 0 - 20 | 15 | B | 1 | TALUS | |
| IRL13 19+50E | HC | 5/12/2005 | 541719.11636 | 5443564.821808 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL13 19+75E | HC | 5/12/2005 | 541734.08118 | 5443581.040592 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 20+00E | HC | 5/12/2005 | 541751.93649 | 5443595.290994 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 20+25E | HC | 5/12/2005 | 541771.07156 | 5443608.047705 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 20+50E | HC | 5/12/2005 | 541790.61604 | 5443620.146129 | dark | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL13 20+75E | HC | 5/12/2005 | 541808.51556 | 5443634.299053 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL13 21+00E | HC | 5/12/2005 | 541826.36966 | 5443648.758765 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 21+25E | HC | 5/12/2005 | 541846.50339 | 5443659.724235 | brown | NA | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | |
| IRL13 21+50E | HC | 5/12/2005 | 541867.56906 | 5443668.950383 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 21+75E | HC | 5/12/2005 | 541888.63473 | 5443678.176531 | light | tan | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 22+00E | HC | 5/12/2005 | 541910.43581 | 5443684.934774 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 22+25E | HC | 5/12/2005 | 541931.75225 | 5443691.971131 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 22+50E | HC | 5/12/2005 | 541950.47534 | 5443705.260908 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL13 22+75E | HC | 5/12/2005 | 541971.54101 | 5443714.487056 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|--------------|----------|
| IRL15 08+75E | AH | 5/12/2005 | 541233.61581 | 5443334.545551 | | | | | | | | |
| IRL15 09+00E | AH | 5/12/2005 | 541255.59097 | 5443343.587326 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL15 09+25E | AH | 5/12/2005 | 541278.04705 | 5443351.577886 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL15 09+50E | AH | 5/12/2005 | 541298.70153 | 5443362.997875 | brown | NA | 0 - 20 | 15 | B | 3 | 10M PAST | |
| IRL15 09+75E | AH | 5/12/2005 | 541311.99639 | 5443381.945073 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 10+00E | AH | 5/12/2005 | 541321.55186 | 5443403.786154 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | |
| IRL15 10+25E | AH | 5/12/2005 | 541331.27831 | 5443425.544969 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | |
| IRL15 10+50E | AH | 5/12/2005 | 541343.23113 | 5443445.851577 | brown | NA | 20 - 40 | 25 | B | 4 | ROCKY | |
| IRL15 10+75E | AH | 5/12/2005 | 541363.46326 | 5443458.461132 | brown | grey | 20 - 40 | 25 | B | 4 | ROCKY | |
| IRL15 11+00E | AH | 5/12/2005 | 541383.69539 | 5443471.070687 | brown | NA | 20 - 40 | 25 | B | 4 | ROCKY | |
| IRL15 11+25E | AH | 5/12/2005 | 541402.09747 | 5443486.089345 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL15 11+50E | AH | 5/12/2005 | 541419.67113 | 5443502.198539 | brown | NA | 0 - 20 | 15 | B | 4 | TOP OF CLIFF | |
| IRL15 11+75E | AH | 5/12/2005 | 541438.8726 | 5443516.079747 | brown | NA | 0 - 20 | 15 | B | 4 | TOP OF CLIFF | |
| IRL15 12+00E | AH | 5/12/2005 | 541458.04406 | 5443530.249959 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 12+25E | AH | 5/12/2005 | 541477.21552 | 5443544.420170 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 12+50E | AH | 5/12/2005 | 541496.38699 | 5443558.590382 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 12+75E | AH | 5/12/2005 | 541510.48856 | 5443577.366422 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 13+00E | AH | 5/12/2005 | 541528.17066 | 5443593.157966 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 13+25E | AH | 5/12/2005 | 541543.73666 | 5443611.214529 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 13+50E | AH | 5/12/2005 | 541563.00889 | 5443624.936552 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 13+75E | AH | 5/12/2005 | 541582.04558 | 5443639.045585 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL15 14+00E | AH | 5/12/2005 | 541598.90293 | 5443655.902926 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | |
| IRL15 14+25E | AH | 5/12/2005 | 541612.77085 | 5443675.130815 | brown | dark | 20 - 40 | 15 | B | 5 | N/A | |
| IRL15 14+50E | AH | 5/12/2005 | 541626.33075 | 5443694.629418 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL15 14+75E | AH | 5/12/2005 | 541642.61713 | 5443712.039001 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 15+00E | AH | 5/12/2005 | 541659.88763 | 5443728.406359 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL15 15+25E | AH | 5/12/2005 | 541677.87310 | 5443744.046498 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 15+50E | AH | 5/12/2005 | 541695.53294 | 5443760.061175 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 15+75E | AH | 5/12/2005 | 541713.19278 | 5443776.075853 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL15 16+00E | AH | 5/12/2005 | 541731.19992 | 5443791.653130 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL15 16+25E | AH | 5/12/2005 | 541752.62227 | 5443799.392277 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL15 16+50E | AH | 5/12/2005 | 541774.0717 | 5443809.283005 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 16+75E | AH | 5/12/2005 | 541794.50755 | 5443821.072887 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 17+00E | AH | 5/12/2005 | 541810.28503 | 5443838.812909 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL15 17+25E | AH | 5/12/2005 | 541827.57624 | 5443855.22491 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 17+50E | AH | 5/12/2005 | 541844.86746 | 5443871.636911 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------|----------|
| IRL15 17+75E | AH | 5/12/2005 | 541862.55209 | 5443887.531255 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 18+00E | AH | 5/12/2005 | 541882.18272 | 5443900.963282 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 18+25E | AH | 5/12/2005 | 541902.25302 | 5443913.828857 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL15 18+50E | AH | 5/12/2005 | 541919.95143 | 5443929.152063 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_END | |
| IRL19 00+00 | JC | 5/12/2005 | 540918.58018 | 5444377.686840 | brown | Select | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL19 00+25E | JC | 5/12/2005 | 540942.57151 | 5444378.725344 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | |
| IRL19 00+50E | JC | 5/12/2005 | 540966.17831 | 5444376.622243 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | |
| IRL19 00+75E | JC | 5/12/2005 | 540983.64431 | 5444364.945505 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 01+00E | JC | 5/12/2005 | 540996.55244 | 5444344.59038 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 01+25E | JC | 5/12/2005 | 541001.13102 | 5444322.096251 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 01+50E | JC | 5/12/2005 | 541019.36288 | 5444307.917906 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 01+75E | JC | 5/12/2005 | 541042.53909 | 5444302.458778 | dark | brown | 0 - 20 | 15 | B | 3 | ORGANIC | |
| IRL19 02+00E | JC | 5/12/2005 | 541065.92014 | 5444296.737104 | dark | brown | 0 - 20 | 15 | B | 3 | ORGANIC | |
| IRL19 02+25E | JC | 5/12/2005 | 541089.09567 | 5444290.115522 | brown | orange | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 02+50E | JC | 5/12/2005 | 541112.72466 | 5444286.02118 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | |
| IRL19 02+75E | JC | 5/12/2005 | 541136.27510 | 5444281.711967 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | |
| IRL19 03+00E | JC | 5/12/2005 | 541159.23131 | 5444274.365981 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 03+25E | JC | 5/12/2005 | 541182.18751 | 5444267.019995 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 03+50E | JC | 5/12/2005 | 541205.27284 | 5444261.819449 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 03+75E | JC | 5/12/2005 | 541228.94438 | 5444266.359196 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 04+00E | JC | 5/12/2005 | 541252.61591 | 5444270.898942 | brown | grey | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 04+25E | JC | 5/12/2005 | 541274.73654 | 5444277.209612 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 04+50E | JC | 5/12/2005 | 541294.3545 | 5444289.211222 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 04+75E | JC | 5/12/2005 | 541316.27062 | 5444299.227362 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+00E | JC | 5/12/2005 | 541337.47412 | 5444310.688712 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+25E | JC | 5/12/2005 | 541359.10326 | 5444321.241303 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+50E | JC | 5/12/2005 | 541381.48226 | 5444330.192904 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+75E | JC | 5/12/2005 | 541403.86126 | 5444339.144505 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 06+00E | JC | 5/12/2005 | 541426.25735 | 5444348.02709 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 06+25E | JC | 5/12/2005 | 541450.22784 | 5444350.550299 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 06+50E | JC | 5/12/2005 | 541474.19833 | 5444353.073508 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 06+75E | JC | 5/12/2005 | 541491.04367 | 5444366.959242 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 07+00E | JC | 5/12/2005 | 541504.94730 | 5444386.420997 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 07+25E | JC | 5/12/2005 | 541523.10617 | 5444402.270149 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 07+50E | JC | 5/12/2005 | 541543.31583 | 5444414.546066 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 07+75E | JC | 5/12/2005 | 541566.0682 | 5444422.485544 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------|----------|
| IRL19 08+00E | JC | 5/12/2005 | 541588.37195 | 5444431.582204 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 08+25E | JC | 5/12/2005 | 541611.11672 | 5444439.536474 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 08+50E | JC | 5/12/2005 | 541634.12248 | 5444446.725774 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 08+75E | JC | 5/12/2005 | 541657.20186 | 5444453.661214 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 09+00E | JC | 5/12/2005 | 541680.48404 | 5444459.89751 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 09+25E | JC | 5/12/2005 | 541703.76621 | 5444466.133806 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 09+50E | JC | 5/12/2005 | 541727.26995 | 5444471.423316 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 09+75E | JC | 5/12/2005 | 541750.04516 | 5444479.310057 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 10+00E | JC | 5/12/2005 | 541772.72697 | 5444487.458379 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 10+25E | JC | 5/12/2005 | 541795.32576 | 5444495.739058 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 10+50E | JC | 5/12/2005 | 541818.43405 | 5444502.530622 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 10+75E | JC | 5/12/2005 | 541841.40865 | 5444509.818878 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 11+00E | JC | 5/12/2005 | 541864.71603 | 5444515.855225 | brown | orange | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 11+25E | JC | 5/12/2005 | 541887.82781 | 5444522.556691 | brown | orange | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 11+50E | JC | 5/12/2005 | 541911.03357 | 5444529.058591 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 11+75E | JC | 5/12/2005 | 541934.05825 | 5444536.184282 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 12+00E | JC | 5/12/2005 | 541956.13967 | 5444545.846674 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 12+25E | JC | 5/12/2005 | 541979.19773 | 5444552.492419 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 12+50E | JC | 5/12/2005 | 542001.48303 | 5444561.674762 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 12+75E | JC | 5/12/2005 | 542024.05532 | 5444570.112947 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 00+25W | HC | 5/13/2005 | 540895.31990 | 5444387.620085 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL19 00+50W | HC | 5/13/2005 | 540880.93079 | 5444405.647827 | brown | NA | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | |
| IRL19 00+75W | HC | 5/13/2005 | 540872.57966 | 5444426.650046 | brown | NA | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | |
| IRL19 01+00W | HC | 5/13/2005 | 540868 | 5444449.12156 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 01+25W | HC | 5/13/2005 | 540868 | 5444472.187685 | brown | NA | 0 - 20 | 15 | B | 4 | BELOW_ROAD | |
| IRL19 01+50W | HC | 5/13/2005 | 540859.72041 | 5444492.349488 | brown | NA | 0 - 20 | 15 | B | 5 | IN_CLEARCUT | |
| IRL19 01+75W | HC | 5/13/2005 | 540850.73424 | 5444512.632362 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 02+00W | HC | 5/13/2005 | 540848.00753 | 5444535.536754 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 02+25W | HC | 5/13/2005 | 540849.15733 | 5444558.382219 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 02+50W | HC | 5/13/2005 | 540849 | 5444581.35611 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 02+75W | HC | 5/13/2005 | 540847.91326 | 5444604.129274 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 03+00W | HC | 5/13/2005 | 540851.72533 | 5444626.351955 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | |
| IRL19 03+25W | HC | 5/13/2005 | 540856.99971 | 5444648.49922 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 03+50W | HC | 5/13/2005 | 540862.52782 | 5444670.583460 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 03+75W | HC | 5/13/2005 | 540873.05672 | 5444690.995525 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 04+00W | HC | 5/13/2005 | 540876.6196 | 5444711.130468 | brown | NA | 0 - 20 | 25 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL19 04+25W | HC | 5/13/2005 | 540889.61393 | 5444729.841799 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 04+50W | HC | 5/13/2005 | 540894.48084 | 5444751.13276 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 04+75W | HC | 5/13/2005 | 540899.47706 | 5444771.214145 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+00W | HC | 5/13/2005 | 540900.56379 | 5444793.519438 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | |
| IRL19 05+25W | HC | 5/13/2005 | 540912.72801 | 5444813.117345 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 05+50W | HC | 5/13/2005 | 540919.33405 | 5444834.782322 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 05+75W | HC | 5/13/2005 | 540925.09523 | 5444857.054416 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 06+00W | HC | 5/13/2005 | 540937.30672 | 5444875.151255 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 06+25W | HC | 5/13/2005 | 540935.66785 | 5444895.007106 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 06+50W | HC | 5/13/2005 | 540937.58054 | 5444917.717282 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 06+75W | HC | 5/13/2005 | 540939.03063 | 5444940.061261 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 07+00W | HC | 5/13/2005 | 540948.9378 | 5444960.834127 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 07+25W | HC | 5/13/2005 | 540956.91952 | 5444982.412486 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 07+50W | HC | 5/13/2005 | 540968.22795 | 5445002.516357 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 07+75W | HC | 5/13/2005 | 540975.50598 | 5445024.023938 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 08+00W | HC | 5/13/2005 | 540979.58636 | 5445046.72118 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 08+25W | HC | 5/13/2005 | 540983.52009 | 5445069.449398 | grey | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 08+50W | HC | 5/13/2005 | 540988.81928 | 5445091.734934 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 08+75W | HC | 5/13/2005 | 540991.91373 | 5445114.592192 | brown | grey | | 15 | B | 5 | N/A | |
| IRL19 09+00W | HC | 5/13/2005 | 540994.91311 | 5445137.462476 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 09+25W | HC | 5/13/2005 | 540997.91249 | 5445160.332759 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 09+50W | HC | 5/13/2005 | 541004.29021 | 5445182.491564 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 09+75W | HC | 5/13/2005 | 541010.91169 | 5445204.583112 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 10+00W | HC | 5/13/2005 | 541018.58856 | 5445226.334246 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 10+25W | HC | 5/13/2005 | 541019.73587 | 5445248.614436 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 10+50W | HC | 5/13/2005 | 541015.66092 | 5445271.317759 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 10+75W | HC | 5/13/2005 | 541007.99571 | 5445293.011029 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 11+00W | HC | 5/13/2005 | 541001.60490 | 5445314.715837 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 11+25W | HC | 5/13/2005 | 541005.31107 | 5445337.482271 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 11+50W | HC | 5/13/2005 | 541008.78526 | 5445360.282072 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 11+75W | HC | 5/13/2005 | 541011.64626 | 5445383.170078 | grey | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 12+00W | HC | 5/13/2005 | 541017.80850 | 5445405.361674 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 12+25W | HC | 5/13/2005 | 541026.98301 | 5445426.355216 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 12+50W | HC | 5/13/2005 | 541038.52248 | 5445446.327368 | grey | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 12+75W | HC | 5/13/2005 | 541050.47226 | 5445465.944513 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 13+00W | HC | 5/13/2005 | 541053.09844 | 5445488.785223 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL19 13+25W | HC | 5/13/2005 | 541055.31002 | 5445511.745081 | brown | NA | 20 - 40 | 15 | B | 4 | LINE_END | |
| IRL21 00+00W | AH | 5/13/2005 | 541465.32689 | 5445183.876980 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_START | |
| IRL21 00+25W | AH | 5/13/2005 | 541459.00648 | 5445207.638608 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 00+50W | AH | 5/13/2005 | 541453.55091 | 5445231.73916 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 00+75W | AH | 5/13/2005 | 541448.35617 | 5445255.897846 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+00W | AH | 5/13/2005 | 541443.16144 | 5445280.056533 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+25W | AH | 5/13/2005 | 541439.37865 | 5445304.473329 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+50W | AH | 5/13/2005 | 541439.2013 | 5445328.823877 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+75W | AH | 5/13/2005 | 541444.07563 | 5445353.049097 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+00W | AH | 5/13/2005 | 541449.18976 | 5445377.224975 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+25W | AH | 5/13/2005 | 541456.87933 | 5445400.602029 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+50W | AH | 5/13/2005 | 541465.33512 | 5445423.771117 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+75W | AH | 5/13/2005 | 541471.72871 | 5445447.640540 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+00W | AH | 5/13/2005 | 541474.48399 | 5445472.066088 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+25W | AH | 5/13/2005 | 541476.18323 | 5445496.698073 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+50W | AH | 5/13/2005 | 541479.37080 | 5445521.202498 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+75W | AH | 5/13/2005 | 541480.82068 | 5445545.819469 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 04+00W | AH | 5/13/2005 | 541483.08195 | 5445570.385983 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 04+25W | AH | 5/13/2005 | 541483.69447 | 5445595.002723 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 04+50W | AH | 5/13/2005 | 541483.71061 | 5445619.669458 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 04+75W | AH | 5/13/2005 | 541485.72932 | 5445644.297739 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+00W | AH | 5/13/2005 | 541487.74803 | 5445668.92602 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+25W | AH | 5/13/2005 | 541491.11243 | 5445693.307901 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+50W | AH | 5/13/2005 | 541491.49255 | 5445718.015854 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+75W | AH | 5/13/2005 | 541491.87267 | 5445742.723807 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+00W | AH | 5/13/2005 | 541483.26017 | 5445764.551208 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+25W | AH | 5/13/2005 | 541478.22028 | 5445788.742672 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+50W | AH | 5/13/2005 | 541473.23594 | 5445812.945301 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+75W | AH | 5/13/2005 | 541469.11072 | 5445837.218397 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+00W | AH | 5/13/2005 | 541472.70600 | 5445861.666329 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+25W | AH | 5/13/2005 | 541476.69798 | 5445886.025910 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+50W | AH | 5/13/2005 | 541483.81781 | 5445909.688866 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+75W | AH | 5/13/2005 | 541489.42293 | 5445933.69002 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+00W | AH | 5/13/2005 | 541493.04428 | 5445958.134104 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+25W | AH | 5/13/2005 | 541496.5542 | 5445982.592167 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+50W | AH | 5/13/2005 | 541499.08312 | 5446007.173298 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL21 08+75W | AH | 5/13/2005 | 541501.61205 | 5446031.754428 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+00W | AH | 5/13/2005 | 541504.14097 | 5446056.335558 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+25W | AH | 5/13/2005 | 541506.66989 | 5446080.916689 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+50W | AH | 5/13/2005 | 541509.19881 | 5446105.497819 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+75W | AH | 5/13/2005 | 541511.72774 | 5446130.07895 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+00W | AH | 5/13/2005 | 541514.52358 | 5446154.622641 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+25W | AH | 5/13/2005 | 541518.85486 | 5446178.950967 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+50W | AH | 5/13/2005 | 541522.24105 | 5446203.410481 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+75W | AH | 5/13/2005 | 541519.50578 | 5446227.722337 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+00W | AH | 5/13/2005 | 541514.45148 | 5446251.910793 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+25W | AH | 5/13/2005 | 541509.39717 | 5446276.09925 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+50W | AH | 5/13/2005 | 541512.43169 | 5446300.431408 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+75W | AH | 5/13/2005 | 541520.02856 | 5446323.94555 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 12+00W | AH | 5/13/2005 | 541527.62544 | 5446347.459692 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 12+25W | AH | 5/13/2005 | 541534.61031 | 5446371.151206 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 12+50W | AH | 5/13/2005 | 541540.76433 | 5446395.083515 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 12+75W | AH | 5/13/2005 | 541543.94763 | 5446419.581063 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 13+00W | AH | 5/13/2005 | 541549.06732 | 5446443.566052 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 13+25W | AH | 5/13/2005 | 541558.35132 | 5446466.466591 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 13+50W | AH | 5/13/2005 | 541567.63532 | 5446489.367131 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 13+75W | AH | 5/13/2005 | 541577.02314 | 5446512.023138 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 14+00W | AH | 5/13/2005 | 541595.26693 | 5446528.685424 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 14+25W | AH | 5/13/2005 | 541613.60902 | 5446545.244259 | brown | grey | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 14+50W | AH | 5/13/2005 | 541631.95112 | 5446561.803094 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 14+75W | AH | 5/13/2005 | 541650.29321 | 5446578.361928 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 15+00W | AH | 5/13/2005 | 541651.79727 | 5446600.246003 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 15+25W | AH | 5/13/2005 | 541643.68538 | 5446623.578122 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 15+50W | AH | 5/13/2005 | 541635.75222 | 5446646.980950 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 15+75W | AH | 5/13/2005 | 541635.10007 | 5446670.020151 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 16+00W | AH | 5/13/2005 | 541645.32550 | 5446692.516105 | brown | grey | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 16+25W | AH | 5/13/2005 | 541656.28812 | 5446714.643036 | brown | grey | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 16+50W | AH | 5/13/2005 | 541668.04805 | 5446736.350088 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL19 13+50W | HC | 5/14/2005 | 541053.47779 | 5445534.715791 | brown | NA | 20 - 40 | 15 | B | 4 | LINE_START | |
| IRL19 13+75W | HC | 5/14/2005 | 541048.67603 | 5445559.108471 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 14+00W | HC | 5/14/2005 | 541043.69074 | 5445581.763703 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 14+25W | HC | 5/14/2005 | 541034.44153 | 5445603.071582 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL19 14+50W | HC | 5/14/2005 | 541033.57143 | 5445625.357124 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 14+75W | HC | 5/14/2005 | 541037.66663 | 5445648.22201 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 15+00W | HC | 5/14/2005 | 541041.76183 | 5445671.086896 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 15+25W | HC | 5/14/2005 | 541046.30852 | 5445693.851108 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 15+50W | HC | 5/14/2005 | 541050.1273 | 5445716.763782 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 15+75W | HC | 5/14/2005 | 541054.42044 | 5445739.590824 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 16+00W | HC | 5/14/2005 | 541057.96783 | 5445761.903494 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 16+25W | HC | 5/14/2005 | 541062.22894 | 5445784.676993 | grey | NA | | 15 | B | 5 | N/A | |
| IRL19 16+50W | HC | 5/14/2005 | 541067.21990 | 5445807.3632 | brown | grey | | 15 | B | 4 | BELOW_ROAD | |
| IRL19 16+75W | HC | 5/14/2005 | 541074.1548 | 5445829.4128 | brown | NA | | 15 | B | 5 | ABOVE_ROAD | |
| IRL19 17+00W | HC | 5/14/2005 | 541081.85710 | 5445851.314149 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 17+25W | HC | 5/14/2005 | 541087.68026 | 5445873.761815 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 17+50W | HC | 5/14/2005 | 541093.4843 | 5445896.146278 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 17+75W | HC | 5/14/2005 | 541099.82969 | 5445918.318753 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 18+00W | HC | 5/14/2005 | 541106.91295 | 5445940.427634 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL19 18+25W | HC | 5/14/2005 | 541114.37625 | 5445962.424743 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 18+50W | HC | 5/14/2005 | 541121 | 5445984.602315 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 18+75W | HC | 5/14/2005 | 541125.65435 | 5446007.246783 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 19+00W | HC | 5/14/2005 | 541131.52544 | 5446029.716679 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 19+25W | HC | 5/14/2005 | 541138.87100 | 5446051.753383 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 19+50W | HC | 5/14/2005 | 541145.23143 | 5446074.071582 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 19+75W | HC | 5/14/2005 | 541150.63778 | 5446096.662400 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 20+00W | HC | 5/14/2005 | 541156.04413 | 5446119.253219 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 20+25W | HC | 5/14/2005 | 541160.89202 | 5446141.963696 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 20+50W | HC | 5/14/2005 | 541165.21632 | 5446164.786364 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 20+75W | HC | 5/14/2005 | 541169.11143 | 5446187.653755 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 21+00W | HC | 5/14/2005 | 541169.58539 | 5446210.877645 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 21+25W | HC | 5/14/2005 | 541173.40051 | 5446233.761296 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 21+50W | HC | 5/14/2005 | 541177.61762 | 5446256.604011 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 21+75W | HC | 5/14/2005 | 541181.83474 | 5446279.446726 | brown | NA | 20 - 40 | 15 | B | 1 | TALUS | |
| IRL19 22+00W | HC | 5/14/2005 | 541188.21078 | 5446301.710073 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 22+25W | HC | 5/14/2005 | 541195.99678 | 5446323.595043 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 22+50W | HC | 5/14/2005 | 541203.78278 | 5446345.480013 | grey | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 22+75W | HC | 5/14/2005 | 541203.82568 | 5446368.492592 | grey | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 23+00W | HC | 5/14/2005 | 541203.31584 | 5446391.714687 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 23+25W | HC | 5/14/2005 | 541202.87347 | 5446414.939200 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL19 23+50W | HC | 5/14/2005 | 541205.06977 | 5446437.701659 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL19 23+75W | HC | 5/14/2005 | 541213.31669 | 5446459.41532 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 24+00W | HC | 5/14/2005 | 541220.40653 | 5446481.535624 | brown | grey | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 24+25W | HC | 5/14/2005 | 541227.48462 | 5446503.659431 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 24+50W | HC | 5/14/2005 | 541233.55212 | 5446526.080923 | brown | grey | 0 - 20 | 15 | B | 4 | N/A | |
| IRL19 24+75W | HC | 5/14/2005 | 541239.31496 | 5446548.583442 | grey | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 25+00W | HC | 5/14/2005 | 541244.15802 | 5446571.201867 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 25+25W | HC | 5/14/2005 | 541244.15802 | 5446594.430593 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 25+50W | HC | 5/14/2005 | 541248.49595 | 5446616.89003 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL19 25+75W | HC | 5/14/2005 | 541256.48352 | 5446638.702238 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL19 26+00W | HC | 5/14/2005 | 541265.88571 | 5446659.867079 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | |
| IRL21 00+00E | AH | 5/14/2005 | 541475.99652 | 5445163.822496 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_START | |
| IRL21 00+25E | AH | 5/14/2005 | 541477.84555 | 5445141.939522 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 00+50E | AH | 5/14/2005 | 541481.17587 | 5445119.875846 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 00+75E | AH | 5/14/2005 | 541490.00948 | 5445098.98105 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+00E | AH | 5/14/2005 | 541498.21345 | 5445079.393273 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+25E | AH | 5/14/2005 | 541519.43214 | 5445071.229008 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+50E | AH | 5/14/2005 | 541540.78867 | 5445063.383755 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 01+75E | AH | 5/14/2005 | 541562.07631 | 5445055.355267 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 02+00E | AH | 5/14/2005 | 541583.78319 | 5445049.110492 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+25E | AH | 5/14/2005 | 541606.38795 | 5445046.527091 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 02+75E | AH | 5/14/2005 | 541649.86091 | 5445058.629795 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+00E | AH | 5/14/2005 | 541671.50281 | 5445052.35044 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 03+25E | AH | 5/14/2005 | 541693.40129 | 5445047.284278 | brown | NA | 0 - 20 | 15 | B | 4 | TOP OF CLIFF | |
| IRL21 03+50E | AH | 5/14/2005 | 541716.12175 | 5445048.480092 | brown | NA | 0 - 20 | 15 | B | 4 | TOP OF CLIFF | |
| IRL21 03+75E | AH | 5/14/2005 | 541736.22924 | 5445056.793703 | brown | NA | 20 - 40 | 15 | B | 4 | TOP OF CLIFF | |
| IRL21 04+00E | AH | 5/14/2005 | 541753.93208 | 5445071.065569 | brown | NA | 20 - 40 | 15 | B | 4 | TOP OF CLIFF | |
| IRL21 04+25E | AH | 5/14/2005 | 541771.02114 | 5445086.069448 | brown | NA | 20 - 40 | 15 | B | 4 | BASE OF CLIFF | |
| IRL21 04+50E | AH | 5/14/2005 | 541777.64562 | 5445107.835600 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 04+75E | AH | 5/14/2005 | 541799.04327 | 5445113.574624 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+00E | AH | 5/14/2005 | 541820.38108 | 5445121.410414 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+25E | AH | 5/14/2005 | 541841.12812 | 5445130.58719 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+50E | AH | 5/14/2005 | 541860.76334 | 5445142.080978 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 05+75E | AH | 5/14/2005 | 541880.39306 | 5445153.584150 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+00E | AH | 5/14/2005 | 541899.93339 | 5445165.237074 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+25E | AH | 5/14/2005 | 541919.34718 | 5445177.101055 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL21 06+50E | AH | 5/14/2005 | 541938.65092 | 5445189.141493 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 06+75E | AH | 5/14/2005 | 541958.55251 | 5445199.967057 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+00E | AH | 5/14/2005 | 541979.67904 | 5445208.390084 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+25E | AH | 5/14/2005 | 541999.40734 | 5445219.723364 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+50E | AH | 5/14/2005 | 542019.13564 | 5445231.056644 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 07+75E | AH | 5/14/2005 | 542039.97981 | 5445239.28214 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+00E | AH | 5/14/2005 | 542061.92307 | 5445245.293993 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+25E | AH | 5/14/2005 | 542083.86634 | 5445251.305846 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+50E | AH | 5/14/2005 | 542105.46037 | 5445253.769817 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 08+75E | AH | 5/14/2005 | 542125.81029 | 5445243.594856 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+00E | AH | 5/14/2005 | 542146.00915 | 5445233.137631 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+25E | AH | 5/14/2005 | 542165.76333 | 5445221.849525 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+50E | AH | 5/14/2005 | 542185.12078 | 5445222.080518 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 09+75E | AH | 5/14/2005 | 542205.62880 | 5445231.835024 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+00E | AH | 5/14/2005 | 542225.26453 | 5445243.128145 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+25E | AH | 5/14/2005 | 542243.95226 | 5445256.105736 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+50E | AH | 5/14/2005 | 542264.01026 | 5445266.618067 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 10+75E | AH | 5/14/2005 | 542284.89793 | 5445275.637741 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+00E | AH | 5/14/2005 | 542306.07184 | 5445283.928719 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+25E | AH | 5/14/2005 | 542326.76157 | 5445292.414346 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+50E | AH | 5/14/2005 | 542339.25572 | 5445311.272765 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 11+75E | AH | 5/14/2005 | 542354.81668 | 5445327.871126 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 12+00E | AH | 5/14/2005 | 542370.75559 | 5445343.98752 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 12+25E | AH | 5/14/2005 | 542390.58559 | 5445355.141896 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 12+50E | AH | 5/15/2005 | 542410.4156 | 5445366.296273 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 12+75E | AH | 5/15/2005 | 542426.11838 | 5445382.157845 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 13+00E | AH | 5/15/2005 | 542440.85775 | 5445399.474715 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 13+25E | AH | 5/15/2005 | 542456.12863 | 5445416.333778 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 13+50E | AH | 5/15/2005 | 542471.89818 | 5445432.734103 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 13+75E | AH | 5/15/2005 | 542484.66097 | 5445451.434945 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 14+00E | AH | 5/15/2005 | 542491.85744 | 5445472.905993 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL21 14+25E | AH | 5/15/2005 | 542497.16712 | 5445495.029656 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 14+50E | AH | 5/15/2005 | 542503.14343 | 5445516.953986 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 14+75E | AH | 5/15/2005 | 542510.79351 | 5445538.380529 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 15+00E | AH | 5/15/2005 | 542517.98829 | 5445559.964880 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 15+25E | AH | 5/15/2005 | 542525.18308 | 5445581.549232 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL21 15+50E | AH | 5/15/2005 | 542532.97131 | 5445602.923486 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 15+75E | AH | 5/15/2005 | 542537.95296 | 5445624.9721 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 16+00E | AH | 5/15/2005 | 542536.85335 | 5445647.697416 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 16+25E | AH | 5/15/2005 | 542535.75374 | 5445670.422733 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 16+50E | AH | 5/15/2005 | 542537.03305 | 5445692.861554 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL21 16+75E | AH | 5/15/2005 | 542543.49660 | 5445714.676037 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 17+00E | AH | 5/15/2005 | 542549.96015 | 5445736.490520 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 17+25E | AH | 5/15/2005 | 542557.0373 | 5445758.111895 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 17+50E | AH | 5/15/2005 | 542559.55919 | 5445780.645799 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 17+75E | AH | 5/15/2005 | 542561.35924 | 5445803.326385 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 18+00E | AH | 5/15/2005 | 542562.51171 | 5445825.953171 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 18+25E | AH | 5/15/2005 | 542560.19068 | 5445848.394403 | brown | light | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 18+50E | AH | 5/15/2005 | 542560.54067 | 5445871.143615 | brown | light | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 18+75E | AH | 5/15/2005 | 542560.89066 | 5445893.892828 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 19+00E | AH | 5/15/2005 | 542564.28044 | 5445915.592623 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 19+25E | AH | 5/15/2005 | 542554.69183 | 5445933.415718 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 19+50E | AH | 5/15/2005 | 542542.64438 | 5445952.219741 | brown | NA | 40 - 60 | 15 | B | 4 | BASE OF CLIFF | |
| IRL21 19+75E | AH | 5/15/2005 | 542533.32642 | 5445972.816954 | brown | NA | 20 - 40 | 15 | B | 4 | BASE OF CLIFF | |
| IRL21 20+00E | AH | 5/15/2005 | 542532.53962 | 5445995.237737 | brown | NA | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | |
| IRL21 20+25E | AH | 5/15/2005 | 542536.28001 | 5446017.680077 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL21 20+50E | AH | 5/15/2005 | 542555.23964 | 5446020.054311 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL21 20+75E | AH | 5/15/2005 | 542576.56577 | 5446013.643093 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 21+00E | AH | 5/15/2005 | 542599.25425 | 5446013.853441 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL21 21+25E | AH | 5/15/2005 | 542621.85032 | 5446016.511802 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL21 21+50E | AH | 5/15/2005 | 542642.81151 | 5446009.103683 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL21 21+75E | AH | 5/15/2005 | 542663.40493 | 5445999.431019 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL21 22+00E | AH | 5/15/2005 | 542683.99834 | 5445989.758354 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL21 22+25E | AH | 5/15/2005 | 542703.71866 | 5445979.522469 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 22+50E | AH | 5/15/2005 | 542723.70904 | 5445968.658132 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 22+75E | AH | 5/15/2005 | 542743.69942 | 5445957.793795 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 23+00E | AH | 5/15/2005 | 542763.63192 | 5445946.823767 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 23+25E | AH | 5/15/2005 | 542784.33578 | 5445937.833028 | brown | NA | | 5 | B | 4 | TALUS | |
| IRL21 23+50E | AH | 5/15/2005 | 542801.95864 | 5445928.471190 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL21 23+75E | AH | 5/15/2005 | 542809.82457 | 5445909.175427 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 24+00E | AH | 5/15/2005 | 542824.44121 | 5445891.740997 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 24+25E | AH | 5/15/2005 | 542839.04162 | 5445874.291724 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL21 24+50E | AH | 5/15/2005 | 542854.68244 | 5445858.158781 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 24+75E | AH | 5/15/2005 | 542872.08768 | 5445844.599732 | brown | NA | 20 - 40 | 5 | B | 4 | TALUS | |
| IRL21 25+00E | AH | 5/15/2005 | 542886.35361 | 5445826.950258 | brown | NA | 20 - 40 | 15 | B | 4 | LINE_END | |
| IRL22 00+00 | HC | 5/15/2005 | 542034.91033 | 5445653.236413 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL22 00+25E | HC | 5/15/2005 | 542059.83997 | 5445654.621274 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 00+50E | HC | 5/15/2005 | 542084.67768 | 5445657.263583 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 00+75E | HC | 5/15/2005 | 542109.49731 | 5445660.062164 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+00E | HC | 5/15/2005 | 542132.10249 | 5445668.087847 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL22 01+25E | HC | 5/15/2005 | 542151.06709 | 5445684.343224 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+50E | HC | 5/15/2005 | 542171.78934 | 5445698.253919 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+75E | HC | 5/15/2005 | 542195.18324 | 5445706.480927 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+00E | HC | 5/15/2005 | 542219.62379 | 5445711.608549 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+25E | HC | 5/15/2005 | 542244.09901 | 5445716.594242 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+50E | HC | 5/15/2005 | 542268.51805 | 5445721.845426 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL22 02+75E | HC | 5/15/2005 | 542292.89134 | 5445727.288373 | brown | NA | 0 - 20 | 15 | B | 2 | ROCKY | |
| IRL22 03+00E | HC | 5/15/2005 | 542316.65638 | 5445734.977066 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL22 03+25E | HC | 5/15/2005 | 542335.24164 | 5445750.014126 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 03+50E | HC | 5/15/2005 | 542350.12295 | 5445770.051317 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL22 03+75E | HC | 5/15/2005 | 542364.11828 | 5445790.740066 | brown | NA | 20 - 40 | 15 | B | 3 | N/A | |
| IRL22 04+00E | HC | 5/15/2005 | 542381.65702 | 5445808.363755 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | |
| IRL22 04+25E | HC | 5/15/2005 | 542400.11456 | 5445825.192685 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | |
| IRL22 04+50E | HC | 5/15/2005 | 542408.29716 | 5445848.584139 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | |
| IRL22 04+75E | HC | 5/15/2005 | 542414.75418 | 5445872.712972 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | |
| IRL22 05+00E | HC | 5/15/2005 | 542421.21119 | 5445896.841804 | NA | NA | 40 - 60 | 5 | B | 1 | TALUS | |
| IRL22 05+25E | HC | 5/15/2005 | 542422.97579 | 5445921.121041 | brown | NA | 40 - 60 | 25 | B | 3 | ROCKY | |
| IRL22 05+50E | HC | 5/15/2005 | 542422.08102 | 5445945.864002 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 05+75E | HC | 5/15/2005 | 542423.89280 | 5445970.776067 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 06+00E | HC | 5/15/2005 | 542422.40018 | 5445995.359343 | brown | NA | 40 - 60 | 15 | B | 2 | TALUS | |
| IRL22 06+25E | HC | 5/15/2005 | 542413.13078 | 5446018.461508 | brown | NA | 40 - 60 | 25 | B | 2 | BASE OF CLIFF | |
| IRL22 06+50E | HC | 5/15/2005 | 542402.41386 | 5446041.023448 | brown | NA | 40 - 60 | 25 | B | 4 | ROCKY | |
| IRL22 06+75E | HC | 5/15/2005 | 542391.84597 | 5446063.654265 | brown | NA | 40 - 60 | 25 | B | 3 | ROCKY | |
| IRL22 07+00E | HC | 5/15/2005 | 542381.88665 | 5446086.560713 | brown | NA | 40 - 60 | 25 | B | 4 | N/A | |
| IRL22 07+25E | HC | 5/15/2005 | 542371.58125 | 5446109.285758 | brown | NA | 40 - 60 | 25 | B | 4 | ROCKY | |
| IRL22 07+50E | HC | 5/15/2005 | 542358.40886 | 5446130.507952 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL22 07+75E | HC | 5/15/2005 | 542364.18546 | 5446152.074559 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL22 08+00E | HC | 5/15/2005 | 542373.54542 | 5446173.828348 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL22 08+25E | HC | 5/15/2005 | 542362.12185 | 5446196.040855 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | |
| IRL22 08+50E | HC | 5/15/2005 | 542349.05114 | 5446212.595330 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL22 08+75E | HC | 5/15/2005 | 542360.59172 | 5446233.502982 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 09+00E | HC | 5/15/2005 | 542370.58261 | 5446256.376597 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 09+25E | HC | 5/15/2005 | 542374.55005 | 5446280.600653 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 09+50E | HC | 5/15/2005 | 542385.56899 | 5446299.577534 | brown | NA | 40 - 60 | 15 | B | 4 | N/A | |
| IRL22 09+75E | HC | 5/15/2005 | 542394.21042 | 5446276.158328 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL22 10+00E | HC | 5/15/2005 | 542404.28123 | 5446253.612567 | brown | NA | 40 - 60 | 15 | B | 5 | N/A | |
| IRL22 10+25E | HC | 5/15/2005 | 542419.74858 | 5446234.914277 | brown | NA | 40 - 60 | 25 | B | 4 | ROCKY | |
| IRL22 10+50E | HC | 5/15/2005 | 542436.54784 | 5446216.678247 | brown | NA | 40 - 60 | 25 | B | 4 | ROCKY | |
| IRL22 10+75E | HC | 5/15/2005 | 542455.35556 | 5446200.709254 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 11+00E | HC | 5/15/2005 | 542477.86303 | 5446196.140139 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 11+25E | HC | 5/15/2005 | 542500.54192 | 5446185.672962 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 11+50E | HC | 5/15/2005 | 542524.70113 | 5446179.440539 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 11+75E | HC | 5/15/2005 | 542548.96206 | 5446173.499087 | brown | NA | 40 - 60 | 15 | B | 3 | ROCKY | |
| IRL22 12+00E | HC | 5/15/2005 | 542572.78213 | 5446165.998602 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 12+25E | HC | 5/15/2005 | 542596.56177 | 5446158.355147 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | |
| IRL22 12+50E | HC | 5/15/2005 | 542620.36318 | 5446150.780048 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL22 12+75E | HC | 5/15/2005 | 542643.64709 | 5446156.219264 | grey | NA | 40 - 60 | 5 | B | 1 | TALUS | |
| IRL22 13+00E | HC | 5/15/2005 | 542667.40962 | 5446163.859508 | brown | NA | 40 - 60 | 15 | B | 4 | LINE_END | |
| IRL22 00+25W | AH | 5/16/2005 | 542013.30019 | 5445661.896358 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_START | |
| IRL22 00+50W | AH | 5/16/2005 | 541996.62323 | 5445679.14838 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 00+75W | AH | 5/16/2005 | 541977.40101 | 5445693.107121 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+00W | AH | 5/16/2005 | 541956.50201 | 5445704.896301 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+25W | AH | 5/16/2005 | 541933.34220 | 5445707.159152 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+50W | AH | 5/16/2005 | 541909.69732 | 5445703.234787 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 01+75W | AH | 5/16/2005 | 541886.10475 | 5445698.859451 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+00W | AH | 5/16/2005 | 541862.65427 | 5445693.849732 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+25W | AH | 5/16/2005 | 541840.91747 | 5445684.741122 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+50W | AH | 5/16/2005 | 541821.84887 | 5445670.176039 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 02+75W | AH | 5/16/2005 | 541800.98396 | 5445658.408854 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 03+00W | AH | 5/16/2005 | 541778.01533 | 5445652.348801 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 03+25W | AH | 5/16/2005 | 541757.70117 | 5445649.938053 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 03+50W | AH | 5/16/2005 | 541755.96924 | 5445673.584646 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 03+75W | AH | 5/16/2005 | 541769.06756 | 5445691.135122 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 04+00W | AH | 5/16/2005 | 541766.16417 | 5445712.532349 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL22 04+25W | AH | 5/16/2005 | 541766.90786 | 5445733.815714 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 04+50W | AH | 5/16/2005 | 541775.84703 | 5445756.073491 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 04+75W | AH | 5/16/2005 | 541782.03741 | 5445779.213763 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 05+00W | AH | 5/16/2005 | 541787.00674 | 5445802.688404 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL22 05+25W | AH | 5/16/2005 | 541791.97607 | 5445826.163046 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 05+50W | AH | 5/16/2005 | 541797.34528 | 5445849.508184 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 05+75W | AH | 5/16/2005 | 541801.22194 | 5445873.157448 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 06+00W | AH | 5/16/2005 | 541802.50104 | 5445897.118185 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 06+25W | AH | 5/16/2005 | 541802.83519 | 5445921.087452 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 06+50W | AH | 5/16/2005 | 541801.98884 | 5445945.067375 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | |
| IRL22 06+75W | AH | 5/16/2005 | 541801.17299 | 5445969.048299 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 07+00W | AH | 5/16/2005 | 541799.93327 | 5445993.00302 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 07+25W | AH | 5/16/2005 | 541797.94060 | 5446016.91499 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 07+50W | AH | 5/16/2005 | 541795.33265 | 5446040.741396 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 07+75W | AH | 5/16/2005 | 541790.83047 | 5446064.302053 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 08+00W | AH | 5/16/2005 | 541789.88395 | 5446088.278231 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 08+25W | AH | 5/16/2005 | 541788.93742 | 5446112.254409 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 08+50W | AH | 5/16/2005 | 541788.04128 | 5446136.227045 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 08+75W | AH | 5/16/2005 | 541789.79619 | 5446160.043689 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 09+00W | AH | 5/16/2005 | 541789.42132 | 5446184.035615 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL22 09+25W | AH | 5/16/2005 | 541789.04644 | 5446208.027540 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 09+50W | AH | 5/16/2005 | 541790.15148 | 5446231.975521 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 09+75W | AH | 5/16/2005 | 541802.41134 | 5446251.289706 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 10+00W | AH | 5/16/2005 | 541813.55372 | 5446271.163678 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL22 10+25W | AH | 5/16/2005 | 541812.86063 | 5446295.031955 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | |
| IRL22 10+50W | AH | 5/16/2005 | 541811.85915 | 5446318.955635 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 10+75W | AH | 5/16/2005 | 541811.85915 | 5446342.95049 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL22 11+00W | AH | 5/16/2005 | 541813.2542 | 5446366.801569 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 11+25W | AH | 5/16/2005 | 541818.01351 | 5446390.303141 | brown | NA | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | |
| IRL22 11+50W | AH | 5/16/2005 | 541817.02825 | 5446414.277758 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 11+75W | AH | 5/16/2005 | 541815.43281 | 5446438.171695 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 12+00W | AH | 5/16/2005 | 541810.15309 | 5446461.578479 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 12+25W | AH | 5/16/2005 | 541808.88492 | 5446485.002277 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 12+50W | AH | 5/16/2005 | 541813.96591 | 5446508.453003 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 12+75W | AH | 5/16/2005 | 541817.91604 | 5446532.113788 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 13+00W | AH | 5/16/2005 | 541822.26259 | 5446555.688274 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL22 13+25W | AH | 5/16/2005 | 541828.19725 | 5446578.937636 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 13+50W | AH | 5/16/2005 | 541836.69609 | 5446601.305356 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 13+75W | AH | 5/16/2005 | 541846.04989 | 5446623.396152 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 14+00W | AH | 5/16/2005 | 541854.57093 | 5446645.827044 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 00+00 | JC | 5/16/2005 | 542115.81151 | 5446156.589698 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL23 00+25W | JC | 5/16/2005 | 542106.91235 | 5446179.443765 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 00+50W | JC | 5/16/2005 | 542098.68915 | 5446202.466276 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 00+75W | JC | 5/16/2005 | 542080.97663 | 5446218.815193 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+00W | JC | 5/16/2005 | 542072.11431 | 5446239.056731 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+25W | JC | 5/16/2005 | 542068.21152 | 5446262.879834 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+50W | JC | 5/16/2005 | 542056.00831 | 5446284.235463 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+75W | JC | 5/16/2005 | 542046.97695 | 5446307.088917 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 02+00W | JC | 5/16/2005 | 542040.80419 | 5446330.898126 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 02+25W | JC | 5/16/2005 | 542034.63143 | 5446354.707335 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 02+50W | JC | 5/16/2005 | 542037.54133 | 5446378.516544 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 02+75W | JC | 5/16/2005 | 542043.71408 | 5446402.325753 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 03+00W | JC | 5/16/2005 | 542048.0906 | 5446426.451281 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 03+25W | JC | 5/16/2005 | 542047.57744 | 5446450.936855 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 03+50W | JC | 5/16/2005 | 542048.70620 | 5446475.426967 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 03+75W | JC | 5/16/2005 | 542050.97394 | 5446499.918572 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 04+00W | JC | 5/16/2005 | 542055.0846 | 5446524.109535 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 04+25W | JC | 5/16/2005 | 542060.37956 | 5446548.112353 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 04+50W | JC | 5/16/2005 | 542063.35705 | 5446572.527837 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 04+75W | JC | 5/16/2005 | 542065.99810 | 5446596.979122 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 05+00W | JC | 5/16/2005 | 542068 | 5446621.484683 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 05+25W | JC | 5/16/2005 | 542068 | 5446646.081052 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 05+50W | JC | 5/16/2005 | 542071.01501 | 5446670.195771 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 05+75W | JC | 5/16/2005 | 542078.67802 | 5446693.567968 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 06+00W | JC | 5/16/2005 | 542086.34104 | 5446716.940165 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 06+25W | JC | 5/16/2005 | 542085.10956 | 5446739.867520 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 06+50W | JC | 5/16/2005 | 542096.88758 | 5446761.460564 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 06+75W | JC | 5/16/2005 | 542105.21206 | 5446784.44422 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 07+00W | JC | 5/16/2005 | 542112.02367 | 5446808.071001 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 07+25W | JC | 5/16/2005 | 542118.41238 | 5446831.81683 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL23 07+50W | JC | 5/16/2005 | 542124.60165 | 5446855.621749 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 07+75W | JC | 5/16/2005 | 542126.76096 | 5446880.024093 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL23 08+00W | JC | 5/16/2005 | 542132.60577 | 5446903.751593 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 08+25W | JC | 5/16/2005 | 542138.90916 | 5446927.361107 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 08+50W | JC | 5/16/2005 | 542138.24464 | 5446951.948498 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 08+75W | JC | 5/16/2005 | 542142.00448 | 5446976.016800 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 09+00W | JC | 5/16/2005 | 542148.15371 | 5446999.830743 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 09+25W | JC | 5/16/2005 | 542153.98164 | 5447023.726697 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 09+50W | JC | 5/16/2005 | 542165.02736 | 5447045.157547 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 09+75W | JC | 5/16/2005 | 542175.19996 | 5447067.311542 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 10+00W | JC | 5/16/2005 | 542183.56607 | 5447090.441382 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 10+25W | JC | 5/16/2005 | 542185.53244 | 5447114.260272 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 10+50W | JC | 5/16/2005 | 542173.90725 | 5447135.715531 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 10+75W | JC | 5/16/2005 | 542162.10071 | 5447157.292997 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 11+00W | JC | 5/16/2005 | 542150.29418 | 5447178.870463 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 11+25W | JC | 5/16/2005 | 542146.45063 | 5447202.286398 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 11+50W | JC | 5/16/2005 | 542147 | 5447226.869891 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 11+75W | JC | 5/16/2005 | 542147 | 5447251.466260 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 12+00W | JC | 5/16/2005 | 542150.07209 | 5447275.746019 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 12+25W | JC | 5/16/2005 | 542154.34679 | 5447299.960754 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 12+50W | JC | 5/16/2005 | 542158.15843 | 5447324.259988 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 12+75W | JC | 5/16/2005 | 542158.64344 | 5447348.640213 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 13+00W | JC | 5/16/2005 | 542156.68133 | 5447373.106131 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 13+25W | JC | 5/16/2005 | 542158.56779 | 5447397.630052 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 13+50W | JC | 5/16/2005 | 542158.11611 | 5447422.086674 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 13+75W | JC | 5/16/2005 | 542154.82221 | 5447446.46149 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 14+00W | JC | 5/16/2005 | 542147.01957 | 5447469.694253 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 14+25W | JC | 5/16/2005 | 542138.31263 | 5447492.697959 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 14+50W | JC | 5/16/2005 | 542131.57939 | 5447516.337508 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 14+75W | JC | 5/16/2005 | 542126.24517 | 5447540.278357 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL23 15+00W | JC | 5/16/2005 | 542124.09585 | 5447564.780639 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_END | |
| IRL23 00+25E | JC | 5/17/2005 | 542133.76997 | 5446181.451846 | brown | Select | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL23 00+50E | JC | 5/17/2005 | 542145.75752 | 5446202.572778 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 00+75E | JC | 5/17/2005 | 542155.18263 | 5446224.019162 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+00E | JC | 5/17/2005 | 542170.72996 | 5446242.675954 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+25E | JC | 5/17/2005 | 542180.57481 | 5446264.387994 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | |
| IRL23 01+50E | JC | 5/17/2005 | 542187.90241 | 5446287.486321 | brown | Select | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL23 01+75E | JC | 5/17/2005 | 542200.50616 | 5446308.245434 | brown | Select | 0 - 20 | 15 | B | 4 | ORGANIC | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL23 02+00E | JC | 5/17/2005 | 542212.74385 | 5446329.220772 | brown | Select | 0 - 20 | 15 | B | 4 | ORGANIC | |
| IRL23 02+25E | JC | 5/17/2005 | 542224.84115 | 5446350.279037 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 02+50E | JC | 5/17/2005 | 542238.06984 | 5446370.379894 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 02+75E | JC | 5/17/2005 | 542256.02050 | 5446386.635257 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL23 03+00E | JC | 5/17/2005 | 542272.1755 | 5446404.768414 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 03+25E | JC | 5/17/2005 | 542288.33049 | 5446422.901571 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | |
| IRL23 03+50E | JC | 5/17/2005 | 542304.76802 | 5446440.768022 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL23 03+75E | JC | 5/17/2005 | 542323.47698 | 5446456.149787 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL23 04+00E | JC | 5/17/2005 | 542343.37771 | 5446470.067851 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL23 04+25E | JC | 5/17/2005 | 542363.32525 | 5446483.920313 | brown | Select | 0 - 20 | 15 | B | 4 | ROCKY | ORGANIC |
| IRL23 04+50E | JC | 5/17/2005 | 542383.2728 | 5446497.772774 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 04+75E | JC | 5/17/2005 | 542403.33589 | 5446511 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 05+00E | JC | 5/17/2005 | 542426.79118 | 5446517.072951 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 05+25E | JC | 5/17/2005 | 542450.18538 | 5446523.592647 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 05+50E | JC | 5/17/2005 | 542470.04827 | 5446534.747119 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 05+75E | JC | 5/17/2005 | 542486.80788 | 5446547.370866 | tan | Select | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | N/A |
| IRL23 06+00E | JC | 5/17/2005 | 542497.06670 | 5446537.399189 | tan | Select | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | N/A |
| IRL23 06+25E | JC | 5/17/2005 | 542498 | 5446513.132924 | tan | Select | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | N/A |
| IRL23 06+50E | JC | 5/17/2005 | 542500.34371 | 5446489.008098 | tan | Select | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | N/A |
| IRL23 06+75E | JC | 5/17/2005 | 542502.29659 | 5446464.839703 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 07+00E | JC | 5/17/2005 | 542502.88875 | 5446440.561223 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 07+25E | JC | 5/17/2005 | 542512.57719 | 5446418.758223 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 07+50E | JC | 5/17/2005 | 542524.36989 | 5446397.527880 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 07+75E | JC | 5/17/2005 | 542534.05329 | 5446375.271399 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 08+00E | JC | 5/17/2005 | 542548.21897 | 5446357.090268 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 08+25E | JC | 5/17/2005 | 542569.01221 | 5446344.579473 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 08+50E | JC | 5/17/2005 | 542589.69906 | 5446332.029445 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 08+75E | JC | 5/17/2005 | 542612.39054 | 5446323.933655 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 09+00E | JC | 5/17/2005 | 542636.33675 | 5446320.167884 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 09+25E | JC | 5/17/2005 | 542659.89734 | 5446326.058031 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 09+50E | JC | 5/17/2005 | 542683.24118 | 5446332.71513 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 09+75E | JC | 5/17/2005 | 542706.51572 | 5446339.165089 | brown | Select | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL23 10+00E | JC | 5/17/2005 | 542730.78348 | 5446338.231714 | brown | Select | 0 - 20 | 15 | B | 3 | ROCKY | ORGANIC |
| IRL23 10+25E | JC | 5/17/2005 | 542754.46133 | 5446334.998103 | brown | Select | 0 - 20 | 5 | B | 4 | N/A | N/A |
| IRL23 10+50E | JC | 5/17/2005 | 542776.18312 | 5446324.137207 | brown | Select | 0 - 20 | 5 | B | 4 | N/A | N/A |
| IRL23 10+75E | JC | 5/17/2005 | 542797.55967 | 5446312.625957 | brown | Select | 0 - 20 | 5 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|-----------|
| IRL23 11+00E | JC | 5/17/2005 | 542819.28946 | 5446301.990244 | brown | Select | 0 - 20 | 5 | B | 4 | N/A | N/A |
| IRL23 11+25E | JC | 5/17/2005 | 542842.04961 | 5446293.668804 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 11+50E | JC | 5/17/2005 | 542864.07882 | 5446284.174276 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 11+75E | JC | 5/17/2005 | 542888.12044 | 5446280.739759 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL23 12+00E | JC | 5/17/2005 | 542912.32564 | 5446279.082832 | brown | Select | 0 - 20 | 15 | B | 3 | ORGANIC | N/A |
| IRL23 12+25E | JC | 5/17/2005 | 542936.58786 | 5446278.0992 | dark brown | brown | 0 - 20 | 15 | B | 3 | ORGANIC | 5M BEFORE |
| IRL23 12+50E | JC | 5/17/2005 | 542960.29524 | 5446283.367508 | orange | brown | 0 - 20 | 15 | B | 3 | ORGANIC | N/A |
| IRL23 12+75E | JC | 5/17/2005 | 542984.19527 | 5446287.618737 | orange | brown | 0 - 20 | 15 | B | 4 | ORGANIC | N/A |
| IRL23 13+00E | JC | 5/17/2005 | 543007.06939 | 5446293.212236 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL24 00+00 | HC | 5/17/2005 | 542399.7439 | 5446684.267239 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | |
| IRL24 00+25E | HC | 5/17/2005 | 542412.35706 | 5446680.659937 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 00+25W | AH | 5/17/2005 | 542399.28246 | 5446687.706147 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 00+50E | HC | 5/17/2005 | 542430.66744 | 5446697.367664 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | |
| IRL24 00+50W | AH | 5/17/2005 | 542394.53518 | 5446711.889439 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 00+75E | HC | 5/17/2005 | 542449.62930 | 5446713.328392 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | |
| IRL24 00+75W | AH | 5/17/2005 | 542377.16527 | 5446723.984975 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 01+00E | HC | 5/17/2005 | 542468.14071 | 5446729.811657 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 01+00W | AH | 5/17/2005 | 542351.73133 | 5446726.297152 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 01+25E | HC | 5/17/2005 | 542486.98805 | 5446745.893071 | brown | NA | 0 - 20 | 25 | B | 3 | ROCKY | |
| IRL24 01+25W | AH | 5/17/2005 | 542331.63155 | 5446718.464121 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 01+50E | HC | 5/17/2005 | 542506.24819 | 5446761.48546 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 01+50W | AH | 5/17/2005 | 542314.41359 | 5446733.549505 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 01+75E | HC | 5/17/2005 | 542524.90265 | 5446777.808117 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 01+75W | AH | 5/17/2005 | 542321.2249 | 5446757.031547 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 02+00E | HC | 5/17/2005 | 542548.16419 | 5446786.227084 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL24 02+00W | AH | 5/17/2005 | 542325.52299 | 5446782.206100 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 02+25E | HC | 5/17/2005 | 542572.49499 | 5446788.914201 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL24 02+25W | AH | 5/17/2005 | 542341.24109 | 5446796.99015 | | | | | | | | |
| IRL24 02+50E | HC | 5/17/2005 | 542597.28245 | 5446788.914201 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL24 02+50W | AH | 5/17/2005 | 542334.51747 | 5446820.160018 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 02+75E | HC | 5/17/2005 | 542622.06991 | 5446788.914201 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL24 02+75W | AH | 5/17/2005 | 542338.69139 | 5446845.355456 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 03+00E | HC | 5/17/2005 | 542640.01099 | 5446774.901037 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 03+00W | AH | 5/17/2005 | 542342.86532 | 5446870.550893 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 03+25E | HC | 5/17/2005 | 542662.91503 | 5446765.423507 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 03+25W | AH | 5/17/2005 | 542347.03924 | 5446895.746331 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL24 03+50E | HC | 5/17/2005 | 542683.50549 | 5446767.566154 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 03+50W | AH | 5/17/2005 | 542356.54344 | 5446919.373413 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 03+75E | HC | 5/17/2005 | 542700.48673 | 5446783.323054 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | |
| IRL24 03+75W | AH | 5/17/2005 | 542366.68008 | 5446942.814406 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+00E | HC | 5/17/2005 | 542705.09452 | 5446758.967632 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 04+00W | AH | 5/17/2005 | 542377.86673 | 5446965.658639 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+25E | HC | 5/17/2005 | 542709.7023 | 5446734.61221 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 04+25W | AH | 5/17/2005 | 542392.81947 | 5446986.362436 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+50E | HC | 5/17/2005 | 542711.84216 | 5446709.963041 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+50W | AH | 5/17/2005 | 542397.54956 | 5447010.642546 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+75E | HC | 5/17/2005 | 542710.0064 | 5446685.433498 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 04+75W | AH | 5/17/2005 | 542397.26987 | 5447036.097866 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 05+00E | HC | 5/17/2005 | 542707.8946 | 5446660.855146 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 05+00W | AH | 5/17/2005 | 542394.11166 | 5447061.440217 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 05+25E | HC | 5/17/2005 | 542708.93273 | 5446636.122173 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 05+25W | AH | 5/17/2005 | 542390.69155 | 5447086.749002 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 05+50E | HC | 5/17/2005 | 542712.16230 | 5446611.57449 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 05+50W | AH | 5/17/2005 | 542387.27144 | 5447112.057787 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 05+75E | HC | 5/17/2005 | 542717.22610 | 5446587.329065 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | |
| IRL24 05+75W | AH | 5/17/2005 | 542381.84344 | 5447136.987662 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 06+00E | HC | 5/17/2005 | 542719.37343 | 5446562.634791 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | |
| IRL24 06+00W | AH | 5/17/2005 | 542375.93415 | 5447161.823081 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 06+25E | HC | 5/17/2005 | 542725.89282 | 5446538.917572 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 06+25W | AH | 5/17/2005 | 542373.8356 | 5447187.274103 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 06+50E | HC | 5/17/2005 | 542738.39212 | 5446518.173057 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 06+50W | AH | 5/17/2005 | 542370.56736 | 5447212.602947 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 06+75E | HC | 5/17/2005 | 542758.69219 | 5446506.117318 | brown | dark | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 06+75W | AH | 5/17/2005 | 542367.61700 | 5447237.970359 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 07+00E | HC | 5/17/2005 | 542783.03662 | 5446501.506475 | brown | dark | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 07+00W | AH | 5/17/2005 | 542366.05586 | 5447263.111716 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 07+25E | HC | 5/17/2005 | 542807.27386 | 5446496.312781 | brown | NA | 0 - 20 | 15 | B | 2 | ROCKY | |
| IRL24 07+25W | AH | 5/17/2005 | 542377.33741 | 5447286.012229 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 07+50E | HC | 5/17/2005 | 542831.3527 | 5446490.436527 | brown | NA | 0 - 20 | 15 | B | 2 | ROCKY | |
| IRL24 07+50W | AH | 5/17/2005 | 542385.4135 | 5447310.240488 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 07+75E | HC | 5/17/2005 | 542855.35379 | 5446484.272532 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 07+75W | AH | 5/17/2005 | 542393.48958 | 5447334.468747 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL24 08+00E | HC | 5/17/2005 | 542878.676 | 5446475.876537 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 08+00W | AH | 5/17/2005 | 542396.38060 | 5447359.806012 | | | | | | | | |
| IRL24 08+25E | HC | 5/17/2005 | 542901.97084 | 5446467.405405 | brown | NA | 0 - 20 | 15 | B | 3 | ROCKY | |
| IRL24 08+25W | AH | 5/17/2005 | 542398.92181 | 5447385.218095 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 08+50E | HC | 5/17/2005 | 542925.50526 | 5446460.068006 | brown | NA | | 35 | B | 2 | ROCKY | |
| IRL24 08+50W | AH | 5/17/2005 | 542401.91258 | 5447410.562909 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 08+75E | HC | 5/17/2005 | 542950.19953 | 5446457.920678 | brown | NA | 0 - 20 | 25 | B | 2 | ROCKY | |
| IRL24 08+75W | AH | 5/17/2005 | 542413.40406 | 5447433.351959 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 09+00E | HC | 5/17/2005 | 542973.97951 | 5446463.518369 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | |
| IRL24 09+00W | AH | 5/17/2005 | 542425.01070 | 5447456.100973 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 09+25E | HC | 5/17/2005 | 542997.53281 | 5446471.123586 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | |
| IRL24 09+25W | AH | 5/17/2005 | 542433.9222 | 5447479.997460 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 09+50E | HC | 5/17/2005 | 543022.32027 | 5446471.123586 | brown | NA | 20 - 40 | 35 | B | 2 | ROCKY | |
| IRL24 09+50W | AH | 5/17/2005 | 542443.22957 | 5447503.772682 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 09+75E | HC | 5/17/2005 | 543047.10773 | 5446471.123586 | brown | NA | 20 - 40 | 35 | B | 1 | ROCKY | |
| IRL24 09+75W | AH | 5/17/2005 | 542452.85255 | 5447527.429181 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 10+00E | HC | 5/17/2005 | 543071.73592 | 5446470.31844 | | | | | | | | |
| IRL24 10+00W | AH | 5/17/2005 | 542462.93815 | 5447550.876308 | | | | | | | | |
| IRL24 10+25E | HC | 5/17/2005 | 543094.65634 | 5446460.880619 | brown | NA | 0 - 20 | 35 | B | 3 | ROCKY | |
| IRL24 10+25W | AH | 5/17/2005 | 542468.41201 | 5447575.214226 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 10+50E | HC | 5/17/2005 | 543117.23707 | 5446470.301479 | brown | NA | 0 - 20 | 25 | B | 3 | ROCKY | |
| IRL24 10+50W | AH | 5/17/2005 | 542469.15195 | 5447600.742333 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 10+75E | HC | 5/17/2005 | 543139.7058 | 5446470.603846 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 10+75W | AH | 5/17/2005 | 542469.8919 | 5447626.270439 | brown | NA | 20 - 40 | 15 | B | 4 | ABOVE_ROAD | |
| IRL24 11+00E | HC | 5/17/2005 | 543162.06741 | 5446459.909160 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 11+00W | AH | 5/17/2005 | 542474.39152 | 5447651.174569 | brown | NA | 20 - 40 | 15 | B | 5 | ABOVE_ROAD | |
| IRL24 11+25E | HC | 5/17/2005 | 543185.20136 | 5446451.028858 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | |
| IRL24 11+25W | AH | 5/17/2005 | 542482.79199 | 5447675.291672 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 11+50E | HC | 5/17/2005 | 543208.41058 | 5446442.325399 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 11+50W | AH | 5/17/2005 | 542491.27313 | 5447699.381131 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 11+75E | HC | 5/17/2005 | 543231.90694 | 5446434.588659 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 11+75W | AH | 5/17/2005 | 542498.68415 | 5447723.776676 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 12+00E | HC | 5/17/2005 | 543256.10414 | 5446429.211504 | brown | NA | 0 - 20 | 25 | B | 3 | N/A | |
| IRL24 12+00W | AH | 5/17/2005 | 542503.31223 | 5447748.789763 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL24 12+25E | HC | 5/17/2005 | 543280.30134 | 5446423.834348 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | |
| IRL24 12+25W | AH | 5/17/2005 | 542502.33069 | 5447774.309722 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL24 12+50E | HC | 5/17/2005 | 543304.74795 | 5446420.207437 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 12+50W | AH | 5/17/2005 | 542500.30437 | 5447799.737266 | brown | NA | 20 - 40 | 5 | B | 5 | N/A | |
| IRL24 12+75E | HC | 5/17/2005 | 543329.48398 | 5446418.611564 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 12+75W | AH | 5/17/2005 | 542496.79104 | 5447825.033277 | brown | NA | 20 - 40 | 5 | B | 5 | N/A | |
| IRL24 13+00E | HC | 5/17/2005 | 543354.24436 | 5446418.250301 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 13+00W | AH | 5/17/2005 | 542493.27770 | 5447850.329289 | brown | NA | 20 - 40 | 15 | B | 5 | LINE_END | |
| IRL24 13+25E | HC | 5/17/2005 | 543379.02408 | 5446418.869794 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 13+50E | HC | 5/17/2005 | 543403.79413 | 5446419.656335 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 13+75E | HC | 5/17/2005 | 543428.47979 | 5446421.900487 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 14+00E | HC | 5/17/2005 | 543453.16546 | 5446424.144638 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 14+25E | HC | 5/17/2005 | 543476.93867 | 5446429.706572 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL24 14+50E | HC | 5/17/2005 | 543499.30029 | 5446440.401259 | brown | NA | 0 - 20 | 5 | B | 5 | N/A | |
| IRL24 14+75E | HC | 5/17/2005 | 543521.08724 | 5446452.208995 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL24 15+00E | HC | 5/17/2005 | 543539.62410 | 5446468.082527 | | | | | | | | |
| IRL21 16+75W | HC | 5/18/2005 | 541671.19639 | 5446759.287949 | brown | Select | 20 - 40 | 15 | B | 5 | LINE_START | |
| IRL21 17+00W | HC | 5/18/2005 | 541674.05005 | 5446780.078936 | brown | Select | 20 - 40 | 15 | B | 5 | LINE_START | |
| IRL21 17+25W | HC | 5/18/2005 | 541679.42718 | 5446800.281529 | brown | Select | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 17+50W | HC | 5/18/2005 | 541689.35683 | 5446818.310356 | brown | Select | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 17+75W | HC | 5/18/2005 | 541703.09321 | 5446834.170213 | brown | Select | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 18+00W | HC | 5/18/2005 | 541713.17305 | 5446852.576879 | brown | Select | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 18+25W | HC | 5/18/2005 | 541723.25289 | 5446870.983544 | brown | Select | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 18+50W | HC | 5/18/2005 | 541731.24471 | 5446890.03779 | brown | Select | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 18+75W | HC | 5/18/2005 | 541732.51426 | 5446910.985267 | brown | Select | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 19+00W | HC | 5/18/2005 | 541733.78380 | 5446931.932744 | brown | grey | 40 - 60 | 15 | B | 4 | ROCKY | N/A |
| IRL21 19+25W | HC | 5/18/2005 | 541735.27886 | 5446952.836583 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 19+50W | HC | 5/18/2005 | 541740.83572 | 5446973.051796 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 19+75W | HC | 5/18/2005 | 541745.64232 | 5446993.479844 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 20+00W | HC | 5/18/2005 | 541751.176 | 5447013.567995 | grey | tan | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 20+25W | HC | 5/18/2005 | 541763.76754 | 5447030.356725 | tan | brown | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 20+50W | HC | 5/18/2005 | 541780.77645 | 5447041.554980 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 20+75W | HC | 5/18/2005 | 541798.52934 | 5447052.201625 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 21+00W | HC | 5/18/2005 | 541814.37573 | 5447065.857977 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 21+25W | HC | 5/18/2005 | 541812.08958 | 5447084.262594 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | N/A |
| IRL21 21+50W | HC | 5/18/2005 | 541798.20485 | 5447099.998626 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 21+75W | HC | 5/18/2005 | 541792.11151 | 5447119.358949 | brown | NA | 20 - 40 | 15 | B | 2 | ROCKY | N/A |
| IRL21 22+00W | HC | 5/18/2005 | 541787.42523 | 5447139.811663 | brown | NA | 20 - 40 | 15 | B | 2 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL21 22+25W | HC | 5/18/2005 | 541783.77818 | 5447160.478245 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | N/A |
| IRL21 22+50W | HC | 5/18/2005 | 541779.88147 | 5447181.096163 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 22+75W | HC | 5/18/2005 | 541775.50006 | 5447201.619608 | brown | grey | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 23+00W | HC | 5/18/2005 | 541770.7661 | 5447222.062308 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL21 23+25W | HC | 5/18/2005 | 541765.77838 | 5447242.446891 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 23+50W | HC | 5/18/2005 | 541760.80342 | 5447262.444675 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 23+75W | HC | 5/18/2005 | 541763.51772 | 5447283.254315 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 24+00W | HC | 5/18/2005 | 541764.08862 | 5447304.066484 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 24+25W | HC | 5/18/2005 | 541761.42344 | 5447324.882472 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 24+50W | HC | 5/18/2005 | 541758.90878 | 5447345.716547 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 24+75W | HC | 5/18/2005 | 541756.56668 | 5447366.571356 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 25+00W | HC | 5/18/2005 | 541753.89062 | 5447387.385491 | | | | | | | | |
| IRL21 25+25W | HC | 5/18/2005 | 541751.15835 | 5447408.192779 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 25+50W | HC | 5/18/2005 | 541748.18497 | 5447428.966871 | brown | tan | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 25+75W | HC | 5/18/2005 | 541745.19247 | 5447449.738329 | brown | tan | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 26+00W | HC | 5/18/2005 | 541741.54085 | 5447470.397553 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 26+25W | HC | 5/18/2005 | 541737.72844 | 5447491.032317 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 26+50W | HC | 5/18/2005 | 541734.24305 | 5447511.726776 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL21 26+75W | HC | 5/18/2005 | 541730.75767 | 5447532.421235 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 27+00W | HC | 5/18/2005 | 541728.82199 | 5447553.283401 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 27+25W | HC | 5/18/2005 | 541727.54844 | 5447574.230339 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL21 27+50W | HC | 5/18/2005 | 541730.22842 | 5447595.009204 | grey | NA | 40 - 60 | 15 | B | 4 | N/A | N/A |
| IRL21 27+75W | HC | 5/18/2005 | 541733.27377 | 5447615.772979 | grey | brown | 40 - 60 | 15 | B | 4 | N/A | N/A |
| IRL21 28+00W | HC | 5/18/2005 | 541736.31913 | 5447636.536754 | brown | NA | 40 - 60 | 15 | B | 5 | LINE_END | N/A |
| IRL22 14+25W | AH | 5/18/2005 | 541861.01022 | 5446667.759828 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | |
| IRL22 14+50W | AH | 5/18/2005 | 541868.49854 | 5446689.360957 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 14+75W | AH | 5/18/2005 | 541875.98686 | 5446710.962085 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 15+00W | AH | 5/18/2005 | 541871.81952 | 5446733.048795 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 15+25W | AH | 5/18/2005 | 541880.92078 | 5446754.013165 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 15+50W | AH | 5/18/2005 | 541890.24721 | 5446774.886622 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 15+75W | AH | 5/18/2005 | 541899.71241 | 5446795.696055 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 16+00W | AH | 5/18/2005 | 541909.50000 | 5446816.357143 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 16+25W | AH | 5/18/2005 | 541919.16812 | 5446837.074552 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 16+50W | AH | 5/18/2005 | 541929.99917 | 5446857.198508 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 16+75W | AH | 5/18/2005 | 541941.10207 | 5446877.183733 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 17+00W | AH | 5/18/2005 | 541945.22618 | 5446898.738233 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL22 17+25W | AH | 5/18/2005 | 541942.9513 | 5446921.487048 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 17+50W | AH | 5/18/2005 | 541940.67641 | 5446944.235862 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 17+75W | AH | 5/18/2005 | 541941.68978 | 5446966.379555 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 18+00W | AH | 5/18/2005 | 541950.09589 | 5446987.626704 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 18+25W | AH | 5/18/2005 | 541959.43982 | 5447008.487225 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 18+50W | AH | 5/18/2005 | 541968.93435 | 5447029.284763 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 18+75W | AH | 5/18/2005 | 541984.62435 | 5447044.959214 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 19+00W | AH | 5/18/2005 | 542003.06462 | 5447058.323085 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 19+25W | AH | 5/18/2005 | 542018.63857 | 5447073.558747 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 19+50W | AH | 5/18/2005 | 542015.30918 | 5447087.537611 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 19+75W | AH | 5/18/2005 | 541996.50318 | 5447100.282985 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 20+00W | AH | 5/18/2005 | 541981.14024 | 5447116.719513 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 20+25W | AH | 5/18/2005 | 541969.62906 | 5447136.217712 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 20+50W | AH | 5/18/2005 | 541953.09151 | 5447152.003559 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 20+75W | AH | 5/18/2005 | 541937.78684 | 5447168.974919 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 21+00W | AH | 5/18/2005 | 541923.08213 | 5447186.301152 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL22 21+25W | AH | 5/18/2005 | 541929.04857 | 5447208.367724 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 21+50W | AH | 5/18/2005 | 541932.04212 | 5447231.033168 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 21+75W | AH | 5/18/2005 | 541935.03567 | 5447253.698611 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 22+00W | AH | 5/18/2005 | 541935.03329 | 5447276.467299 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 22+25W | AH | 5/18/2005 | 541938.3671 | 5447299.073199 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 22+50W | AH | 5/18/2005 | 541941.81468 | 5447321.674036 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 22+75W | AH | 5/18/2005 | 541944.17304 | 5447344.359626 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 23+00W | AH | 5/18/2005 | 541947.05950 | 5447367.038955 | brown | N/A | 20-40 | 15 | B | 5 | N/A | N/A |
| IRL22 23+25W | AH | 5/18/2005 | 541949.94596 | 5447389.718285 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 23+50W | AH | 5/18/2005 | 541951.91816 | 5447412.473079 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 23+75W | AH | 5/18/2005 | 541950.33945 | 5447435.2752 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 24+00W | AH | 5/18/2005 | 541947.94612 | 5447458.011858 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 24+25W | AH | 5/18/2005 | 541945.55279 | 5447480.748515 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 24+50W | AH | 5/18/2005 | 541948.55532 | 5447502.327572 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 24+75W | AH | 5/18/2005 | 541949.50708 | 5447525.170028 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 25+00W | AH | 5/18/2005 | 541950.45885 | 5447548.012484 | brown | NA | 20 - 40 | 15 | B | 5 | LINE_END | |
| IRL21 28+25W | HC | 5/19/2005 | 541729.59927 | 5447657.162744 | brown | NA | 0 - 20 | 15 | B | 4 | Line Start | |
| IRL21 28+50W | HC | 5/19/2005 | 541723.69632 | 5447677.790655 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 28+75W | HC | 5/19/2005 | 541718.77716 | 5447698.697071 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 29+00W | HC | 5/19/2005 | 541711.3037 | 5447718.76224 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL21 29+25W | HC | 5/19/2005 | 541703.63963 | 5447738.678176 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 29+50W | HC | 5/19/2005 | 541699.35266 | 5447759.723324 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 29+75W | HC | 5/19/2005 | 541695.06568 | 5447780.768471 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 30+00W | HC | 5/19/2005 | 541686.60932 | 5447800.346607 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 30+25W | HC | 5/19/2005 | 541676.77363 | 5447819.439421 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 30+50W | HC | 5/19/2005 | 541666.93794 | 5447838.532235 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 30+75W | HC | 5/19/2005 | 541657.43013 | 5447857.782207 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 31+00W | HC | 5/19/2005 | 541647.57415 | 5447876.851695 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 31+25W | HC | 5/19/2005 | 541637.96919 | 5447896.061617 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 31+50W | HC | 5/19/2005 | 541628.36423 | 5447915.271539 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 31+75W | HC | 5/19/2005 | 541618.75927 | 5447934.481460 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 32+00W | HC | 5/19/2005 | 541609.22673 | 5447953.727406 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 32+25W | HC | 5/19/2005 | 541599.7004 | 5447972.976443 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 32+50W | HC | 5/19/2005 | 541597.81577 | 5447993.828055 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 32+75W | HC | 5/19/2005 | 541598.65171 | 5448015.286120 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 33+00W | HC | 5/19/2005 | 541598.65171 | 5448036.763466 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 33+25W | HC | 5/19/2005 | 541598.65171 | 5448058.240812 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 33+50W | HC | 5/19/2005 | 541595.50919 | 5448079.128616 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 33+75W | HC | 5/19/2005 | 541594.83186 | 5448099.231519 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 34+00W | HC | 5/19/2005 | 541602.83845 | 5448119.149481 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 34+25W | HC | 5/19/2005 | 541611.38844 | 5448138.851617 | grey | NA | 40 - 60 | 5 | B | 1 | Talus | |
| IRL21 34+50W | HC | 5/19/2005 | 541619.93842 | 5448158.553752 | grey | NA | 40 - 60 | 5 | B | 1 | Talus | |
| IRL21 34+75W | HC | 5/19/2005 | 541635.68868 | 5448172.750942 | grey | NA | 40 - 60 | 5 | B | 1 | Talus | |
| IRL21 35+00W | HC | 5/19/2005 | 541653.00126 | 5448185.286615 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 35+25W | HC | 5/19/2005 | 541668.61231 | 5448200.011194 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 35+50W | HC | 5/19/2005 | 541685.83151 | 5448212.779457 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 35+75W | HC | 5/19/2005 | 541694.95995 | 5448226.515572 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 36+00W | HC | 5/19/2005 | 541685.17536 | 5448245.339792 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | |
| IRL21 36+25W | HC | 5/19/2005 | 541671.75857 | 5448262.110781 | brown | NA | 0 - 20 | 15 | B | 4 | Line End | |
| IRL22 25+25W | AH | 5/19/2005 | 541949.27843 | 5447569.827722 | brown | NA | 20 - 40 | 15 | B | 5 | Line Start | |
| IRL22 25+50W | AH | 5/19/2005 | 541943.40206 | 5447593.785219 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 25+75W | AH | 5/19/2005 | 541937.52986 | 5447617.743734 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 26+00W | AH | 5/19/2005 | 541931.68470 | 5447641.708866 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 26+25W | AH | 5/19/2005 | 541930.4777 | 5447666.147641 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 26+50W | AH | 5/19/2005 | 541932.39795 | 5447690.732329 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 26+75W | AH | 5/19/2005 | 541931.11588 | 5447715.071194 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL22 27+00W | AH | 5/19/2005 | 541924.53983 | 5447738.846157 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 27+25W | AH | 5/19/2005 | 541915.64313 | 5447761.781464 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 27+50W | AH | 5/19/2005 | 541908.77499 | 5447784.891241 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 27+75W | AH | 5/19/2005 | 541908.77499 | 5447809.5589 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 28+00W | AH | 5/19/2005 | 541907.25448 | 5447834.069855 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 28+25W | AH | 5/19/2005 | 541902.15966 | 5447858.205537 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 28+50W | AH | 5/19/2005 | 541894.59298 | 5447881.538981 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 28+75W | AH | 5/19/2005 | 541889.33395 | 5447905.445674 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 29+00W | AH | 5/19/2005 | 541885.14102 | 5447929.752484 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 29+25W | AH | 5/19/2005 | 541882.23323 | 5447954.231891 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 29+50W | AH | 5/19/2005 | 541879.83525 | 5447978.781322 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 29+75W | AH | 5/19/2005 | 541877.37791 | 5448003.280329 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 30+00W | AH | 5/19/2005 | 541870.95619 | 5448026.987745 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 30+25W | AH | 5/19/2005 | 541858.25473 | 5448048.111058 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 30+50W | AH | 5/19/2005 | 541852.23766 | 5448070.392442 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 30+75W | AH | 5/19/2005 | 541864.16127 | 5448091.976348 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 31+00W | AH | 5/19/2005 | 541872.19058 | 5448114.419827 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 31+25W | AH | 5/19/2005 | 541874.32991 | 5448138.986307 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 31+50W | AH | 5/19/2005 | 541878.68779 | 5448163.265973 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 31+75W | AH | 5/19/2005 | 541880.59265 | 5448187.801542 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 32+00W | AH | 5/19/2005 | 541887.80777 | 5448210.590927 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL22 32+25W | AH | 5/19/2005 | 541886.41274 | 5448234.6309 | brown | NA | 20 - 40 | 15 | B | 5 | Line End | |
| IRL15 18+75E | HC | 5/20/2005 | 541933.69197 | 5443948.999515 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 19+00E | HC | 5/20/2005 | 541946.47231 | 5443967.95692 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 19+25E | HC | 5/20/2005 | 541957.4816 | 5443987.963193 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 19+50E | HC | 5/20/2005 | 541967.70766 | 5444008.415310 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 19+75E | HC | 5/20/2005 | 541987.08065 | 5444010.931273 | brown | N/A | 0-20 | 15 | B | 4 | rocky | 5m past |
| IRL15 20+00E | HC | 5/20/2005 | 542009.54149 | 5444006.644994 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 20+25E | HC | 5/20/2005 | 542031.83195 | 5444005.282187 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 20+50E | HC | 5/20/2005 | 542053.64282 | 5444012.148572 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 20+75E | HC | 5/20/2005 | 542074.44096 | 5444021.557787 | brown | N/A | 0-20 | 15 | B | 4 | organic | N/A |
| IRL15 21+00E | HC | 5/20/2005 | 542095.00046 | 5444031.566208 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 21+25E | HC | 5/20/2005 | 542114.0105 | 5444043.772115 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 21+50E | HC | 5/20/2005 | 542132.69142 | 5444056.958647 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 21+75E | HC | 5/20/2005 | 542151.37234 | 5444070.145178 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 22+00E | HC | 5/20/2005 | 542165.78988 | 5444087.719841 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL15 22+25E | HC | 5/20/2005 | 542181.50670 | 5444103.506702 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 22+50E | HC | 5/20/2005 | 542202.36179 | 5444112.666145 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 22+75E | HC | 5/20/2005 | 542224.36932 | 5444118.873397 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 23+00E | HC | 5/20/2005 | 542245.57239 | 5444126.943434 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 23+25E | HC | 5/20/2005 | 542265.00032 | 5444138.800298 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 23+50E | HC | 5/20/2005 | 542282.64004 | 5444153.133354 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 23+75E | HC | 5/20/2005 | 542302.08332 | 5444165.157884 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 24+00E | HC | 5/20/2005 | 542321.73571 | 5444176.844536 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 24+25E | HC | 5/20/2005 | 542341.73986 | 5444187.869929 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 24+50E | HC | 5/20/2005 | 542362.37578 | 5444197.606070 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 24+75E | HC | 5/20/2005 | 542382.97902 | 5444207.489511 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 25+00E | HC | 5/20/2005 | 542403.5165 | 5444217.5099 | brown | N/A | 0-20 | 15 | B | 5 | N/A | N/A |
| IRL15 25+25E | HC | 5/20/2005 | 542423.38176 | 5444228.680504 | brown | N/A | 0-20 | 15 | B | 4 | above road | N/A |
| IRL15 25+50E | HC | 5/20/2005 | 542445.42665 | 5444234.752722 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 25+75E | HC | 5/20/2005 | 542467.3799 | 5444241.142462 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 26+00E | HC | 5/20/2005 | 542488.42881 | 5444249.961168 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 26+25E | HC | 5/20/2005 | 542509.67233 | 5444258.224110 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 26+50E | HC | 5/20/2005 | 542530.59167 | 5444267.231819 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 26+75E | HC | 5/20/2005 | 542549.98396 | 5444279.288771 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 27+00E | HC | 5/20/2005 | 542570.70037 | 5444288.732339 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 27+25E | HC | 5/20/2005 | 542590.96880 | 5444299.298851 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 27+50E | HC | 5/20/2005 | 542612.45057 | 5444306.810836 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 27+75E | HC | 5/20/2005 | 542632.58962 | 5444308 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 28+00E | HC | 5/20/2005 | 542654.37247 | 5444314.230017 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 28+25E | HC | 5/20/2005 | 542675.72639 | 5444322.392103 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 28+50E | HC | 5/20/2005 | 542696.89009 | 5444331.049983 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 28+75E | HC | 5/20/2005 | 542717.75889 | 5444340.380279 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 29+00E | HC | 5/20/2005 | 542733.88753 | 5444355.960543 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 29+25E | HC | 5/20/2005 | 542748.36725 | 5444373.657976 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 29+50E | HC | 5/20/2005 | 542762.43139 | 5444391.686670 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 29+75E | HC | 5/20/2005 | 542774.86126 | 5444410.795326 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 30+00E | HC | 5/20/2005 | 542790.11216 | 5444424.23946 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 30+25E | HC | 5/20/2005 | 542812.91675 | 5444425.916268 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 30+50E | HC | 5/20/2005 | 542833.31708 | 5444434.450094 | brown | N/A | 0-20 | 15 | B | 3 | N/A | N/A |
| IRL15 30+75E | HC | 5/20/2005 | 542849.59104 | 5444450.103370 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 31+00E | HC | 5/20/2005 | 542866.72981 | 5444465.220612 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL15 31+25E | HC | 5/20/2005 | 542875.96137 | 5444484.962902 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 31+50E | HC | 5/20/2005 | 542878.05692 | 5444507.716384 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 31+75E | HC | 5/20/2005 | 542882.03728 | 5444530.168753 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 32+00E | HC | 5/20/2005 | 542884.61596 | 5444552.732162 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL15 32+25E | HC | 5/20/2005 | 542888.72362 | 5444575.034102 | Brown | N | 0 - 20 | 25 | B | 4 | LINE_END | |
| IRL19 13+00E | JC | 5/20/2005 | 542052.32498 | 5444571.022195 | brown | N/A | 0-20 | 15 | B | 4 | Line Start | N/A |
| IRL19 13+25E | JC | 5/20/2005 | 542077.97906 | 5444571.847316 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 13+50E | JC | 5/20/2005 | 542103.63314 | 5444572.672438 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 13+75E | JC | 5/20/2005 | 542129.28722 | 5444573.49756 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 14+00E | JC | 5/20/2005 | 542154.94130 | 5444574.322681 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 14+25E | JC | 5/20/2005 | 542180.43788 | 5444576.201925 | tan | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 14+50E | JC | 5/20/2005 | 542205.21268 | 5444582.911766 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 14+75E | JC | 5/20/2005 | 542230.18623 | 5444588.458239 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 15+00E | JC | 5/20/2005 | 542255.47929 | 5444591.715475 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 15+25E | JC | 5/20/2005 | 542279.44892 | 5444600.895331 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 15+50E | JC | 5/20/2005 | 542303.33318 | 5444610.285649 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 15+75E | JC | 5/20/2005 | 542326.86314 | 5444620.517882 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 16+00E | JC | 5/20/2005 | 542349.28441 | 5444632.991796 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 16+25E | JC | 5/20/2005 | 542372.18057 | 5444644.590284 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 16+50E | JC | 5/20/2005 | 542395.13814 | 5444656.06907 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 16+75E | JC | 5/20/2005 | 542416.18303 | 5444670.61055 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 17+00E | JC | 5/20/2005 | 542436.57208 | 5444686.202182 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 17+25E | JC | 5/20/2005 | 542456.96114 | 5444701.793814 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 17+50E | JC | 5/20/2005 | 542477.5709 | 5444717.079993 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 17+75E | JC | 5/20/2005 | 542498.69859 | 5444731.654955 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 18+00E | JC | 5/20/2005 | 542519.77633 | 5444746.302196 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 18+25E | JC | 5/20/2005 | 542540.85407 | 5444760.949437 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 18+50E | JC | 5/20/2005 | 542560.65371 | 5444777.089509 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 18+75E | JC | 5/20/2005 | 542575.41474 | 5444798.029939 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 19+00E | JC | 5/20/2005 | 542591.23373 | 5444818.243103 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 19+25E | JC | 5/20/2005 | 542607.05273 | 5444838.456266 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 19+50E | JC | 5/20/2005 | 542622.98298 | 5444858.579575 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 19+75E | JC | 5/20/2005 | 542634.26444 | 5444881.501173 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 20+00E | JC | 5/20/2005 | 542645.22456 | 5444904.710835 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 20+25E | JC | 5/20/2005 | 542656.18468 | 5444927.920498 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 20+50E | JC | 5/20/2005 | 542668.45656 | 5444950.438024 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|----------|
| IRL19 20+75E | JC | 5/20/2005 | 542681.42891 | 5444972.58595 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 21+00E | JC | 5/20/2005 | 542694.40127 | 5444994.733875 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 21+25E | JC | 5/20/2005 | 542703.71277 | 5445018.203209 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL19 21+50E | JC | 5/20/2005 | 542707.19631 | 5445043.633065 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 21+75E | JC | 5/20/2005 | 542710.67985 | 5445069.062921 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 22+00E | JC | 5/20/2005 | 542716.69848 | 5445093.733177 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 22+25E | JC | 5/20/2005 | 542726.57159 | 5445117.357656 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 22+50E | JC | 5/20/2005 | 542734.11999 | 5445141.889966 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 22+75E | JC | 5/20/2005 | 542741.32396 | 5445166.516498 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 23+00E | JC | 5/20/2005 | 542747.31402 | 5445191.475099 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 23+25E | JC | 5/20/2005 | 542752.88285 | 5445216.517818 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 23+50E | JC | 5/20/2005 | 542752.98964 | 5445241.117620 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 23+75E | JC | 5/20/2005 | 542748.69986 | 5445264.570821 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 24+00E | JC | 5/20/2005 | 542756.01562 | 5445289.031241 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 24+25E | JC | 5/20/2005 | 542775.32403 | 5445305.659223 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 24+50E | JC | 5/20/2005 | 542772.15434 | 5445328.960619 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 24+75E | JC | 5/20/2005 | 542779.44966 | 5445351.798641 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 25+00E | JC | 5/20/2005 | 542789.91722 | 5445351.165557 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 25+25E | JC | 5/20/2005 | 542800.58692 | 5445327.826158 | brown | N/A | 20-40 | 15 | B | 4 | Crossed Creek | N/A |
| IRL19 25+50E | JC | 5/20/2005 | 542809.57866 | 5445303.895475 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 25+75E | JC | 5/20/2005 | 542820.94140 | 5445280.970224 | brown | N/A | 20-40 | 15 | B | 4 | N/A | N/A |
| IRL19 26+00E | JC | 5/20/2005 | 542834.39359 | 5445259.110416 | brown | N/A | 0-20 | 15 | B | 4 | Line End | N/A |
| IRL14 18+25W | HC | 5/21/2005 | 540545.42607 | 5444881.087098 | brown | grey | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 18+50W | HC | 5/21/2005 | 540549.57088 | 5444902.981554 | grey | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 18+75W | HC | 5/21/2005 | 540553.7157 | 5444924.876009 | grey | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 19+00W | HC | 5/21/2005 | 540557.86051 | 5444946.770465 | brown | N/A | 20-40 | 25 | B | 4 | N/A | N/A |
| IRL14 19+25W | HC | 5/21/2005 | 540562.00532 | 5444968.664920 | grey | brown | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 19+50W | HC | 5/21/2005 | 540566.57721 | 5444990.453597 | brown | brown | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 19+75W | HC | 5/21/2005 | 540573.13042 | 5445011.751533 | grey | brown | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 20+00W | HC | 5/21/2005 | 540572.90779 | 5445033.986008 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 20+25W | HC | 5/21/2005 | 540572.87527 | 5445056.195287 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 20+50W | HC | 5/21/2005 | 540579.3376 | 5445077.520975 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 20+75W | HC | 5/21/2005 | 540586.66818 | 5445098.545757 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 21+00W | HC | 5/21/2005 | 540593.16322 | 5445119.766838 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 21+25W | HC | 5/21/2005 | 540597.37137 | 5445141.649209 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 21+50W | HC | 5/21/2005 | 540601.48743 | 5445163.544234 | brown | grey | 0-20 | 25 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|------------|
| IRL14 21+75W | HC | 5/21/2005 | 540603.81497 | 5445185.700452 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 22+00W | HC | 5/21/2005 | 540606.62205 | 5445207.806264 | brown | grey | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 22+25W | HC | 5/21/2005 | 540609.42914 | 5445229.912076 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 22+50W | HC | 5/21/2005 | 540611.27667 | 5445252.107356 | brown | grey | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 22+75W | HC | 5/21/2005 | 540612.60465 | 5445274.351077 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 23+00W | HC | 5/21/2005 | 540613.93264 | 5445296.594798 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 23+25W | HC | 5/21/2005 | 540616.92424 | 5445318.612647 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 23+50W | HC | 5/21/2005 | 540622.41483 | 5445340.208947 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 23+75W | HC | 5/21/2005 | 540627.90541 | 5445361.805246 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 24+00W | HC | 5/21/2005 | 540631.91568 | 5445383.681114 | brown | N/A | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL14 24+25W | HC | 5/21/2005 | 540633.37948 | 5445405.902791 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 24+50W | HC | 5/21/2005 | 540629.90412 | 5445427.913436 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 24+75W | HC | 5/21/2005 | 540626.42875 | 5445449.924082 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 25+00W | HC | 5/21/2005 | 540627.37900 | 5445471.568452 | brown | grey | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL14 25+25W | HC | 5/21/2005 | 540634.42561 | 5445492.708272 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 25+50W | HC | 5/21/2005 | 540640.78429 | 5445513.999186 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 25+75W | HC | 5/21/2005 | 540643.24508 | 5445536.146222 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 26+00W | HC | 5/21/2005 | 540638.95167 | 5445557.934219 | brown | N/A | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL14 26+25W | HC | 5/21/2005 | 540634.15680 | 5445579.695558 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 26+50W | HC | 5/21/2005 | 540630.41515 | 5445601.571555 | brown | N/A | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL14 26+75W | HC | 5/21/2005 | 540634.63257 | 5445623.028743 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 27+00W | HC | 5/21/2005 | 540642.54095 | 5445643.833695 | brown | N/A | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL14 27+25W | HC | 5/21/2005 | 540648.36616 | 5445665.342150 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 27+50W | HC | 5/21/2005 | 540654.19136 | 5445686.850605 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 27+75W | HC | 5/21/2005 | 540653.25861 | 5445709.072929 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 28+00W | HC | 5/21/2005 | 540649.97108 | 5445730.868549 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 28+25W | HC | 5/21/2005 | 540641.78938 | 5445751.595502 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 28+50W | HC | 5/21/2005 | 540643.89314 | 5445770.774379 | brown | N/A | 0-20 | 25 | B | 5 | N/A | N/A |
| IRL14 28+75W | HC | 5/21/2005 | 540649.18668 | 5445791.792937 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 29+00W | HC | 5/21/2005 | 540656.82258 | 5445812.511969 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 29+25W | HC | 5/21/2005 | 540659.11250 | 5445833.963157 | brown | N/A | 0-20 | 25 | B | 4 | N/A | N/A |
| IRL14 29+50W | HC | 5/21/2005 | 540652.11848 | 5445854.857369 | brown | N/A | 0-20 | 25 | B | 3 | N/A | N/A |
| IRL16 00+00 | HC | 5/22/2005 | 540710.92737 | 5443719.792748 | brown | Select | 0 - 20 | 15 | B | 5 | LINE_START | ABOVE_ROAD |
| IRL16 00+25E | HC | 5/22/2005 | 540720.37461 | 5443698.071327 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 00+25W | HC | 5/22/2005 | 540695.15536 | 5443738.178176 | brown | Select | 0 - 20 | 15 | B | 5 | ABOVE_ROAD | N/A |
| IRL16 00+50E | HC | 5/22/2005 | 540725.72854 | 5443674.7508 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL16 00+50W | HC | 5/22/2005 | | | | | | | | | | |
| IRL16 00+75E | HC | 5/22/2005 | 540732.54754 | 5443652.083602 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 00+75W | HC | 5/22/2005 | 540672.73903 | 5443780.299966 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | N/A |
| IRL16 01+00E | HC | 5/22/2005 | 540745.30935 | 5443632.092216 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 01+00W | HC | 5/22/2005 | 540667.52044 | 5443804.073541 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 01+25E | HC | 5/22/2005 | 540757.88029 | 5443612.082219 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 01+25W | HC | 5/22/2005 | 540667.66904 | 5443828.167291 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 01+50E | HC | 5/22/2005 | 540754.82787 | 5443588.278708 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 01+50W | HC | 5/22/2005 | 540670.02429 | 5443852.392677 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 01+75E | HC | 5/22/2005 | 540760.31463 | 5443565.681492 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 01+75W | HC | 5/22/2005 | 540672.37953 | 5443876.618063 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+00E | HC | 5/22/2005 | 540771.46342 | 5443544.429113 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+00W | HC | 5/22/2005 | 540663.10456 | 5443897.820762 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+25E | HC | 5/22/2005 | 540782.61220 | 5443523.176734 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+25W | HC | 5/22/2005 | 540649.83700 | 5443918.22607 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+50E | HC | 5/22/2005 | 540796.96569 | 5443504.551581 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 02+50W | HC | 5/22/2005 | 540636.56082 | 5443938.626057 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 02+75E | HC | 5/22/2005 | 540816.90019 | 5443491.843691 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 02+75W | HC | 5/22/2005 | 540623.28464 | 5443959.026045 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 03+00E | HC | 5/22/2005 | 540839.0602 | 5443482.780857 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | N/A |
| IRL16 03+00W | HC | 5/22/2005 | 540613.21907 | 5443980.996515 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 03+25E | HC | 5/22/2005 | 540860.72808 | 5443472.462818 | | | | | | | | |
| IRL16 03+25W | HC | 5/22/2005 | 540607.21499 | 5444004.583960 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 03+50W | HC | 5/22/2005 | 540601.21091 | 5444028.171405 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 03+75W | HC | 5/22/2005 | 540593.95346 | 5444051.139614 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 04+00W | HC | 5/22/2005 | 540586.25660 | 5444074.230194 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 04+25W | HC | 5/22/2005 | 540578.55974 | 5444097.320773 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 04+50W | HC | 5/22/2005 | 540571.24154 | 5444120.529217 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 04+75W | HC | 5/22/2005 | 540564.47372 | 5444143.908974 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 05+00W | HC | 5/22/2005 | 540557.12620 | 5444167.110875 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 05+25W | HC | 5/22/2005 | 540548.51390 | 5444189.729148 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 05+50W | HC | 5/22/2005 | 540541 | 5444211.793730 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 05+75W | HC | 5/22/2005 | 540541 | 5444236.133338 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 06+00W | HC | 5/22/2005 | 540541 | 5444260.472946 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 06+25W | HC | 5/22/2005 | 540542.58743 | 5444284.683299 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 06+50W | HC | 5/22/2005 | 540546.52497 | 5444308.702298 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| <i>Sample Number</i> | <i>Sampler</i> | <i>Date (m/d/y)</i> | <i>UTM - East</i> | <i>UTM - North</i> | <i>Colour - 1</i> | <i>Colour - 2</i> | <i>Slope - Degrees</i> | <i>Depth (cm)</i> | <i>Soil Horizon</i> | <i>Quality (1-5)</i> | <i>Note - 1</i> | <i>Note - 2</i> |
|----------------------|----------------|---------------------|-------------------|--------------------|-------------------|-------------------|------------------------|-------------------|---------------------|----------------------|-----------------|-----------------|
| IRL16 06+75W | HC | 5/22/2005 | 540550.46251 | 5444332.721296 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+00W | HC | 5/22/2005 | 540553.87173 | 5444356.820022 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+25W | HC | 5/22/2005 | 540557.75554 | 5444380.844357 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+50W | HC | 5/22/2005 | 540561.92592 | 5444404.824025 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+75W | HC | 5/22/2005 | 540571.39998 | 5444426.999964 | brown | NA | 20 - 40 | 15 | B | 5 | BELOW_ROAD | N/A |
| IRL16 08+00W | HC | 5/22/2005 | 540582.71386 | 5444448.550202 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 08+25W | HC | 5/22/2005 | 540593.10710 | 5444469.603024 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 08+50W | HC | 5/22/2005 | 540603.73120 | 5444489.313373 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 08+75W | HC | 5/22/2005 | 540612.26594 | 5444509.372205 | brown | NA | 0 - 20 | 15 | B | 5 | BELOW_ROAD | N/A |
| IRL16 09+00W | HC | 5/22/2005 | 540621.26499 | 5444531.642908 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 09+25W | HC | 5/22/2005 | 540625.14064 | 5444555.671970 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 09+50W | HC | 5/22/2005 | 540630.59428 | 5444579.377137 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 09+75W | HC | 5/22/2005 | 540636.76182 | 5444602.904558 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 10+00W | HC | 5/22/2005 | 540645.80133 | 5444625.503316 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 10+25W | HC | 5/22/2005 | 540655.57061 | 5444647.783979 | brown | NA | 20 - 40 | 15 | B | 5 | BELOW_ROAD | N/A |
| IRL16 10+50W | HC | 5/22/2005 | 540665.97286 | 5444669.788744 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 10+75W | HC | 5/22/2005 | 540676.34574 | 5444691.806737 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 11+00W | HC | 5/22/2005 | 540686.54587 | 5444713.890104 | grey | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 11+25W | HC | 5/22/2005 | 540698.02570 | 5444735.352396 | grey | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 11+50W | HC | 5/22/2005 | 540709.75133 | 5444756.668695 | grey | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 11+75W | HC | 5/22/2005 | 540723.10541 | 5444777.017774 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 12+00W | HC | 5/22/2005 | 540732.83631 | 5444799.04347 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 12+25W | HC | 5/22/2005 | 540739.65642 | 5444822.561965 | brown | NA | 20 - 40 | 15 | B | 5 | LINE_END | N/A |
| IRL20 00+00 | JC | 5/22/2005 | 541361.03742 | 5444604.684208 | brown | Select | 0 - 20 | 15 | B | 4 | LINE_START | ABOVE_ROAD |
| IRL20 00+25E | JC | 5/22/2005 | 541384.37696 | 5444597.140632 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 00+50E | JC | 5/22/2005 | 541408.55883 | 5444595.566414 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 00+75E | JC | 5/22/2005 | 541427.37739 | 5444605.632461 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 01+00E | JC | 5/22/2005 | 541443.19501 | 5444624.379267 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 01+25E | JC | 5/22/2005 | 541459.87305 | 5444642.300297 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 01+50E | JC | 5/22/2005 | 541477.95422 | 5444658.874705 | brown | Select | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL20 01+75E | JC | 5/22/2005 | 541496.0354 | 5444675.449113 | brown | Select | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL20 02+00E | JC | 5/22/2005 | 541513.16972 | 5444692.981036 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 02+25E | JC | 5/22/2005 | 541534.46245 | 5444704.654273 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 02+50E | JC | 5/22/2005 | 541555.66185 | 5444716.746385 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 02+75E | JC | 5/22/2005 | 541577.79089 | 5444725.746204 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 03+00E | JC | 5/22/2005 | 541600.42706 | 5444735.192594 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------|----------|
| IRL20 03+25E | JC | 5/22/2005 | 541622.78677 | 5444745.276388 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 03+50E | JC | 5/22/2005 | 541645.14649 | 5444755.360181 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 03+75E | JC | 5/22/2005 | 541668.22582 | 5444763.580196 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 04+00E | JC | 5/22/2005 | 541691.56035 | 5444771.139268 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 04+25E | JC | 5/22/2005 | 541714.89488 | 5444778.698341 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 04+50E | JC | 5/22/2005 | 541735.67776 | 5444790.478236 | brown | Select | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 04+75E | JC | 5/22/2005 | 541754.93658 | 5444805.668289 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 05+00E | JC | 5/22/2005 | 541774.1954 | 5444820.858343 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 05+25E | JC | 5/22/2005 | 541793.45422 | 5444836.048396 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 05+50E | JC | 5/22/2005 | 541815.59574 | 5444845.083606 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 05+75E | JC | 5/22/2005 | 541839.59435 | 5444850.153736 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 06+00E | JC | 5/22/2005 | 541863.59297 | 5444855.223866 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 06+25E | JC | 5/22/2005 | 541887.78114 | 5444858.862035 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 06+50E | JC | 5/22/2005 | 541912.24409 | 5444860.652006 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 06+75E | JC | 5/22/2005 | 541936.58639 | 5444863.611518 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 07+00E | JC | 5/22/2005 | 541960.89586 | 5444863.732544 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 07+25E | JC | 5/22/2005 | 541985.41525 | 5444863.069858 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 07+50E | JC | 5/22/2005 | 542009.93464 | 5444862.407172 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 07+75E | JC | 5/22/2005 | 542033.99393 | 5444864.761541 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 08+00E | JC | 5/22/2005 | 542057.17789 | 5444872.770542 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 08+25E | JC | 5/22/2005 | 542080.36184 | 5444880.779544 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 08+50E | JC | 5/22/2005 | 542099.62620 | 5444895.900963 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 08+75E | JC | 5/22/2005 | 542121.80660 | 5444906.247379 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 09+00E | JC | 5/22/2005 | 542143.47459 | 5444917.696439 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 09+25E | JC | 5/22/2005 | 542164.85763 | 5444929.713321 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 09+50E | JC | 5/22/2005 | 542186.48832 | 5444941.21257 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 09+75E | JC | 5/22/2005 | 542209.26232 | 5444950.322169 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 10+00E | JC | 5/22/2005 | 542232.11965 | 5444959.220009 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | LINE_END |
| IRL16 22+00W | HC | 5/23/2005 | 540863.46206 | 5445676.833513 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | ROCKY |
| IRL16 22+25W | HC | 5/23/2005 | 540863.33279 | 5445698.573307 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 22+50W | HC | 5/23/2005 | 540856.91442 | 5445720.579147 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 22+75W | HC | 5/23/2005 | 540853 | 5445742.942694 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 23+00W | HC | 5/23/2005 | 540854.75350 | 5445765.538477 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 23+25W | HC | 5/23/2005 | 540863.01484 | 5445786.920775 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 23+50W | HC | 5/23/2005 | 540871.54234 | 5445808.187498 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 23+75W | HC | 5/23/2005 | 540881.52659 | 5445828.821623 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|----------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------------|----------|
| IRL16 24+00W | HC | 5/23/2005 | 540885.94718 | 5445850.918147 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 24+25W | HC | 5/23/2005 | 540887.39967 | 5445873.794832 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 24+50W | HC | 5/23/2005 | 540888.85216 | 5445896.671517 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 24+75W | HC | 5/23/2005 | 540890.23732 | 5445919.389457 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 25+00W | HC | 5/23/2005 | 540901.63150 | 5445938.578750 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 25+25W | HC | 5/23/2005 | 540910.1448 | 5445959.861989 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 25+50W | HC | 5/23/2005 | 540921.41011 | 5445979.478459 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 25+75W | HC | 5/23/2005 | 540927.93280 | 5446000.302987 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 26+00W | HC | 5/23/2005 | 540929.4246 | 5446023.177143 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 26+25W | HC | 5/23/2005 | 540930 | 5446046.081149 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 26+50W | HC | 5/23/2005 | 540929.08256 | 5446068.951145 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 26+75W | HC | 5/23/2005 | 540925.95866 | 5446091.638695 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 27+00W | HC | 5/23/2005 | 540920.9377 | 5446114.004795 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 27+25W * | HC | 5/23/2005 | 540916.09882 | 5446136.367054 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 27+50W | HC | 5/23/2005 | 540922.05813 | 5446158.501623 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 27+75W | HC | 5/23/2005 | 540929.21266 | 5446180.272524 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 28+00W | HC | 5/23/2005 | 540936.59155 | 5446201.975159 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 28+25W | HC | 5/23/2005 | 540942.687 | 5446223.811659 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 28+50W | HC | 5/23/2005 | 540943.84215 | 5446246.210331 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 28+75W | HC | 5/23/2005 | 540938.86951 | 5446268.587223 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 29+00W | HC | 5/23/2005 | 540937.93934 | 5446290.149654 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 29+25W | HC | 5/23/2005 | 540951.18909 | 5446308.855179 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 29+50W | HC | 5/23/2005 | 540960.84697 | 5446329.617187 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 29+75W | HC | 5/23/2005 | 540970.27069 | 5446350.513262 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 30+00W | HC | 5/23/2005 | 540973.87422 | 5446372.181992 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 30+25W | HC | 5/23/2005 | 540973.56024 | 5446395.102591 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 30+50W | HC | 5/23/2005 | 540973.24626 | 5446418.02319 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 30+75W | HC | 5/23/2005 | 540973.41638 | 5446440.914662 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 31+00W | HC | 5/23/2005 | 540976.70764 | 5446463.599683 | brown | grey | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 31+25W | HC | 5/23/2005 | 540980.19321 | 5446486.25588 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 31+50W | HC | 5/23/2005 | 540983.67878 | 5446508.912077 | brown | NA | 0 - 20 | 15 | B | 4 | CROSSED_CLAIM LIN | ROCKY |
| IRL16 31+75W | HC | 5/23/2005 | 540983 | 5446531.739194 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 32+00W | HC | 5/23/2005 | 540983 | 5446554.661944 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 32+25W | HC | 5/23/2005 | 540983 | 5446577.584693 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 32+50W | HC | 5/23/2005 | 540987.0291 | 5446599.934788 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 32+75W | HC | 5/23/2005 | 540992.82919 | 5446622.111608 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------|------------|
| IRL16 33+00W | HC | 5/23/2005 | 540998.62928 | 5446644.288429 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 33+25W | HC | 5/23/2005 | 541003.72292 | 5446666.602629 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 33+50W | HC | 5/23/2005 | 541006.65637 | 5446689.336905 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 33+75W | HC | 5/23/2005 | 541004.26564 | 5446712.052001 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 34+00W | HC | 5/23/2005 | 541001.16847 | 5446734.764553 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 34+25W | HC | 5/23/2005 | 541007.26276 | 5446756.656898 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 34+50W | HC | 5/23/2005 | 541004.53823 | 5446778.28236 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 34+75W | HC | 5/23/2005 | 540994.19714 | 5446798.40858 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 35+00W | HC | 5/23/2005 | 541000.08554 | 5446820.450967 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 35+25W | HC | 5/23/2005 | 541004.35747 | 5446842.972136 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | ABOVE_ROAD |
| IRL20 10+25E | JC | 5/23/2005 | 542255.11235 | 5444967.721987 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | LINE_START |
| IRL20 10+50E | JC | 5/23/2005 | 542278.77636 | 5444974.166819 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 10+75E | JC | 5/23/2005 | 542302.54231 | 5444980.234721 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 11+00E | JC | 5/23/2005 | 542326.29182 | 5444986.347938 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 11+25E | JC | 5/23/2005 | 542348.41968 | 5444996.930828 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 11+50E | JC | 5/23/2005 | 542370.02658 | 5445008.520309 | brown | Select | 0 - 20 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 11+75E | JC | 5/23/2005 | 542391.44467 | 5445020.474595 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 12+00E | JC | 5/23/2005 | 542412.24308 | 5445033.348235 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 12+25E | JC | 5/23/2005 | 542431.35987 | 5445048.71664 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 12+50E | JC | 5/23/2005 | 542450.47667 | 5445064.085045 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 12+75E | JC | 5/23/2005 | 542469.59347 | 5445079.45345 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 13+00E | JC | 5/23/2005 | 542486.23233 | 5445097.467943 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 13+25E | JC | 5/23/2005 | 542501.18753 | 5445116.909699 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 13+50E | JC | 5/23/2005 | 542515.09704 | 5445137.052888 | brown | Select | 0 - 20 | 15 | B | 4 | IN_CLEARCUT | N/A |
| IRL20 13+75E | JC | 5/23/2005 | 542527.41239 | 5445158.265429 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 14+00E | JC | 5/23/2005 | 542535.72633 | 5445180.495677 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 14+25E | JC | 5/23/2005 | 542550.50222 | 5445200.015013 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 14+50E | JC | 5/23/2005 | 542562.04494 | 5445221.459607 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 14+75E | JC | 5/23/2005 | 542569.95959 | 5445244.675937 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 15+00E | JC | 5/23/2005 | 542581.83188 | 5445266.064112 | brown | Select | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL20 15+25E | JC | 5/23/2005 | 542594.37774 | 5445287.141146 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 15+50E | JC | 5/23/2005 | 542606.92359 | 5445308.218179 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 15+75E | JC | 5/23/2005 | 542617.49266 | 5445330.309923 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 16+00E | JC | 5/23/2005 | 542627.30526 | 5445352.789972 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 16+25E | JC | 5/23/2005 | 542637.14108 | 5445375.25865 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 16+50E | JC | 5/23/2005 | 542647.04897 | 5445397.60706 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|---------------|
| IRL20 16+75E | JC | 5/23/2005 | 542655.12793 | 5445420.766729 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 17+00E | JC | 5/23/2005 | 542661.83413 | 5445444.336508 | brown | Select | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 17+25E | JC | 5/23/2005 | 542667.20866 | 5445468.25198 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 17+50E | JC | 5/23/2005 | 542671.40702 | 5445492.408931 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 17+75E | JC | 5/23/2005 | 542678.21461 | 5445515.973661 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 18+00E | JC | 5/23/2005 | 542685.76365 | 5445539.233364 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 18+25E | JC | 5/23/2005 | 542694.82707 | 5445561.920046 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 18+50E | JC | 5/23/2005 | 542702.31594 | 5445585.276802 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 18+75E | JC | 5/23/2005 | 542709 | 5445608.800082 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 19+00E | JC | 5/23/2005 | 542708.66785 | 5445633.117241 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 19+25E | JC | 5/23/2005 | 542706.86915 | 5445657.579548 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 19+50E | JC | 5/23/2005 | 542705.07045 | 5445682.041855 | brown | Select | 0 - 20 | 15 | B | 4 | BASE OF CLIFF | N/A |
| IRL20 19+75E | JC | 5/23/2005 | 542714.53922 | 5445704.147593 | brown | Select | 0 - 20 | 15 | B | 4 | BASE OF CLIFF | N/A |
| IRL20 20+00E | JC | 5/23/2005 | 542723.90317 | 5445726.818198 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 20+25E | JC | 5/23/2005 | 542728.86817 | 5445749.542749 | brown | Select | 0 - 20 | 15 | B | 4 | BASE OF CLIFF | N/A |
| IRL20 20+50E | JC | 5/23/2005 | 542720.73467 | 5445772.663328 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 20+75E | JC | 5/23/2005 | 542717.30636 | 5445795.04972 | brown | Select | 0 - 20 | 15 | B | 1 | TALUS | CROSSED_CREEK |
| IRL20 21+00E | JC | 5/23/2005 | 542734.52065 | 5445781.049595 | brown | Select | 0 - 20 | 15 | B | 1 | TALUS | N/A |
| IRL20 21+00W | AH | 5/23/2005 | 541378.54843 | 5446473.903551 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 21+25E | JC | 5/23/2005 | 542755.32064 | 5445768.049598 | brown | Select | 0 - 20 | 15 | B | 3 | ORGANIC | N/A |
| IRL20 21+25W | AH | 5/23/2005 | 541381.18497 | 5446495.874719 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 21+50E | JC | 5/23/2005 | 542769.9178 | 5445749.892373 | brown | Select | 0 - 20 | 15 | B | 2 | ORGANIC | N/A |
| IRL20 21+50W | AH | 5/23/2005 | 541385.09636 | 5446517.568586 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 21+75E | JC | 5/23/2005 | 542785.86858 | 5445736.197126 | brown | Select | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL20 21+75W | AH | 5/23/2005 | 541391.8244 | 5446538.649787 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 22+00E | JC | 5/23/2005 | 542799.47446 | 5445715.788308 | brown | Select | 0 - 20 | 45 | B | 3 | ROCKY | ORGANIC |
| IRL20 22+00W | AH | 5/23/2005 | 541398.49917 | 5446559.747094 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 22+25E | JC | 5/23/2005 | 542817.50316 | 5445699.403681 | brown | Select | 0 - 20 | 45 | B | 4 | N/A | N/A |
| IRL20 22+25W | AH | 5/23/2005 | 541404.57842 | 5446581.024460 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 22+50E | JC | 5/23/2005 | 542834 | 5445682.727343 | brown | Select | 0 - 20 | 45 | B | 1 | TALUS | N/A |
| IRL20 22+50W | AH | 5/23/2005 | 541406 | 5446602.954155 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 22+75E | JC | 5/23/2005 | 542846.95832 | 5445662.468153 | brown | Select | 0 - 20 | 45 | B | 1 | TALUS | N/A |
| IRL20 22+75W | AH | 5/23/2005 | 541411.33043 | 5446624.323359 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 23+00E | JC | 5/23/2005 | 542858.52464 | 5445640.947435 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 23+00W | AH | 5/23/2005 | 541417.51166 | 5446645.571324 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 23+25E | JC | 5/23/2005 | 542870.50075 | 5445619.749131 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL20 23+25W | AH | 5/23/2005 | 541423.91651 | 5446666.74952 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 23+50E | JC | 5/23/2005 | 542884.54272 | 5445599.760584 | brown | Select | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 23+50W | AH | 5/23/2005 | 541431.12334 | 5446687.671384 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 23+75E | JC | 5/23/2005 | 542897.23013 | 5445578.77902 | brown | orange | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 23+75W | AH | 5/23/2005 | 541438.41882 | 5446708.562997 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 24+00E | JC | 5/23/2005 | 542910.46309 | 5445558.191465 | brown | orange | 0 - 20 | 15 | B | 1 | TALUS | N/A |
| IRL20 24+00W | AH | 5/23/2005 | 541445.71431 | 5446729.454609 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 24+25E | JC | 5/23/2005 | 542917.84934 | 5445534.801659 | brown | orange | 0 - 20 | 15 | B | 3 | ROCKY | ORGANIC |
| IRL20 24+25W | AH | 5/23/2005 | 541456.33727 | 5446748.70441 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 24+50E | JC | 5/23/2005 | 542927.53739 | 5445512.276007 | brown | orange | 20 - 40 | 45 | B | 4 | ROCKY | N/A |
| IRL20 24+50W | AH | 5/23/2005 | 541468.47837 | 5446767.205143 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 24+75E | JC | 5/23/2005 | 542937.36881 | 5445489.804183 | brown | orange | 20 - 40 | 45 | B | 2 | ROCKY | ORGANIC |
| IRL20 24+75W | AH | 5/23/2005 | 541480.84154 | 5446785.558142 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 25+00E | JC | 5/23/2005 | 542947.20024 | 5445467.332358 | brown | orange | 20 - 40 | 45 | B | 4 | LINE_END | N/A |
| IRL20 25+00W | AH | 5/23/2005 | 541493.21467 | 5446803.904509 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 25+25W | AH | 5/23/2005 | 541501.87949 | 5446823.957721 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 25+50W | AH | 5/23/2005 | 541506.67990 | 5446845.559564 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 25+75W | AH | 5/23/2005 | 541511.48031 | 5446867.161407 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 26+00W | AH | 5/23/2005 | 541520.73856 | 5446886.984751 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 26+25W | AH | 5/23/2005 | 541534.01584 | 5446904.687787 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 26+50W | AH | 5/23/2005 | 541545.58832 | 5446923.253682 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 26+75W | AH | 5/23/2005 | 541551.99216 | 5446944.435617 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 27+00W | AH | 5/23/2005 | 541558.02475 | 5446965.713862 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 27+25W | AH | 5/23/2005 | 541562.6941 | 5446987.344283 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 27+50W | AH | 5/23/2005 | 541567.19103 | 5447009.011335 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 27+75W | AH | 5/23/2005 | 541571.68797 | 5447030.678387 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 28+00W | AH | 5/23/2005 | 541581.85601 | 5447049.855218 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 28+25W | AH | 5/23/2005 | 541583.76852 | 5447068.103394 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 28+50W | AH | 5/23/2005 | 541566.68353 | 5447081.953596 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 28+75W | AH | 5/23/2005 | 541550.57342 | 5447096.904530 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 29+00W | AH | 5/23/2005 | 541536.93601 | 5447113.559657 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 29+25W | AH | 5/23/2005 | 541536.38296 | 5447135.68154 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 29+50W | AH | 5/23/2005 | 541534.66532 | 5447157.673389 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 29+75W | AH | 5/23/2005 | 541530.32551 | 5447179.372457 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 30+00W | AH | 5/23/2005 | 541530.81693 | 5447201.262231 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 30+25W | AH | 5/23/2005 | 541533.43284 | 5447223.235865 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|--------------|
| IRL20 30+50W | AH | 5/23/2005 | 541538.56009 | 5447244.72034 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 30+75W | AH | 5/23/2005 | 541545.60699 | 5447265.56228 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 31+00W | AH | 5/23/2005 | 541555.63805 | 5447285.132246 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 31+25W | AH | 5/23/2005 | 541560.05506 | 5447306.815733 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 31+50W | AH | 5/23/2005 | 541564.47206 | 5447328.499220 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 31+75W | AH | 5/23/2005 | 541571.02702 | 5447349.572951 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 32+00W | AH | 5/23/2005 | 541578.32965 | 5447370.454878 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 32+25W | AH | 5/23/2005 | 541584.93012 | 5447391.576370 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 32+50W | AH | 5/23/2005 | 541591 | 5447412.778834 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 32+75W | AH | 5/23/2005 | 541587.36225 | 5447434.215633 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 33+00W | AH | 5/23/2005 | 541579.2373 | 5447454.798847 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 33+25W | AH | 5/23/2005 | 541571.62679 | 5447475.572973 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 33+50W | AH | 5/23/2005 | 541565.08228 | 5447496.698291 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 33+75W | AH | 5/23/2005 | 541561.30455 | 5447518.5008 | brown | NA | 20 - 40 | 25 | B | 3 | TALUS | N/A |
| IRL20 34+00W | AH | 5/23/2005 | 541557.55613 | 5447540.309809 | brown | white | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 34+25W | AH | 5/23/2005 | 541554.054 | 5447562.133938 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 34+50W | AH | 5/23/2005 | 541554.79346 | 5447584.230680 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 34+75W | AH | 5/23/2005 | 541552.75322 | 5447606.265221 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 35+00W | AH | 5/23/2005 | 541550.71298 | 5447628.299762 | brown | NA | 20 - 40 | 25 | B | 4 | ROCKY | N/A |
| IRL20 35+25W | AH | 5/23/2005 | 541543.77057 | 5447648.977983 | brown | NA | 20 - 40 | 25 | B | 4 | ROCKY | N/A |
| IRL20 35+50W | AH | 5/23/2005 | 541534.19475 | 5447668.927601 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | N/A |
| IRL20 35+75W | AH | 5/23/2005 | 541524.81470 | 5447688.963243 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | N/A |
| IRL20 36+00W | AH | 5/23/2005 | 541516.59627 | 5447709.509313 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | N/A |
| IRL20 36+25W | AH | 5/23/2005 | 541503.68603 | 5447727.418621 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | N/A |
| IRL20 36+50W | AH | 5/23/2005 | 541489.21645 | 5447744.143192 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | SMALL_SAMPLE |
| IRL20 36+75W | AH | 5/23/2005 | 541474.29722 | 5447760.445668 | brown | NA | 20 - 40 | 25 | B | 3 | ROCKY | SMALL_SAMPLE |
| IRL20 37+00W | AH | 5/23/2005 | 541455.60926 | 5447772.296568 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 37+25W | AH | 5/23/2005 | 541436.92130 | 5447784.147467 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 37+50W | AH | 5/23/2005 | 541424.99731 | 5447801.960321 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 37+75W | AH | 5/23/2005 | 541417.89824 | 5447822.919489 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 38+00W | AH | 5/23/2005 | 541410.79916 | 5447843.878657 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 38+25W | AH | 5/23/2005 | 541404.01725 | 5447864.931012 | brown | white | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 38+50W | AH | 5/23/2005 | 541398.65023 | 5447886.399096 | brown | white | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 38+75W | AH | 5/23/2005 | 541395.53728 | 5447908.291285 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 39+00W | AH | 5/23/2005 | 541392.73507 | 5447930.241938 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 39+25W | AH | 5/23/2005 | 541389.24183 | 5447952.089301 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|-------------|------------|
| IRL20 39+50W | AH | 5/23/2005 | 541385.63506 | 5447973.919516 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL20 39+75W | AH | 5/23/2005 | 541382.89032 | 5447995.877429 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL20 40+00W | AH | 5/23/2005 | 541382.49433 | 5448017.724501 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL20 40+25W | AH | 5/23/2005 | 541380 | 5448039.396033 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | |
| IRL20 40+50W | AH | 5/23/2005 | 541380 | 5448061.524828 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL20 40+75W | AH | 5/23/2005 | 541373.93699 | 5448082.787478 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | |
| IRL20 41+00W | AH | 5/23/2005 | 541380.50699 | 5448103.216771 | brown | Select | 0 - 20 | 15 | B | 4 | LINE_END | |
| IRL13 23+00E | JC | 5/25/2005 | 541992.69390 | 5443725.182326 | brown | orange | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | LINE_START |
| IRL13 23+25E | JC | 5/25/2005 | 542012.74167 | 5443735.318824 | brown | grey | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL13 23+50E | JC | 5/25/2005 | 542030.97911 | 5443748.073820 | tan | NA | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL13 23+75E | JC | 5/25/2005 | 542048.36581 | 5443762.299297 | brown | NA | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL13 24+00E | JC | 5/25/2005 | 542065.75250 | 5443776.524774 | brown | NA | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL13 24+25E | JC | 5/25/2005 | 542084.05528 | 5443789.521318 | brown | NA | 20 - 40 | 25 | B | 4 | IN_CLEARCUT | N/A |
| IRL13 24+50E | JC | 5/25/2005 | 542102.41281 | 5443802.412813 | brown | NA | 20 - 40 | 25 | B | 3 | IN_CLEARCUT | ROCKY |
| IRL13 24+75E | JC | 5/25/2005 | 542123.33710 | 5443807.375961 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 25+00E | JC | 5/25/2005 | 542145.73136 | 5443809.153282 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 25+25E | JC | 5/25/2005 | 542168.12561 | 5443810.930604 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 25+50E | JC | 5/25/2005 | 542188.67364 | 5443819.078588 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 25+75E | BS | 5/25/2005 | 542207.64871 | 5443830.978013 | brown | Select | 20 - 40 | 25 | B | 3 | | ROCKY |
| IRL13 26+00E | BS | 5/25/2005 | 542225.14624 | 5443845.066935 | brown | Select | 20 - 40 | 25 | B | 4 | | N/A |
| IRL13 26+25E | BS | 5/25/2005 | 542242.64377 | 5443859.155857 | brown | Select | 20 - 40 | 25 | B | 3 | ROCKY | N/A |
| IRL13 26+50E | BS | 5/25/2005 | 542260.27408 | 5443873.059708 | brown | Select | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 26+75E | BS | 5/25/2005 | 542279.22665 | 5443885.120438 | brown | Select | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 27+00E | BS | 5/25/2005 | 542298.07131 | 5443897.346690 | brown | Select | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 27+25E | BS | 5/25/2005 | 542316.75248 | 5443909.82367 | brown | Select | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 27+50E | BS | 5/25/2005 | 542336.33882 | 5443920.669144 | brown | Select | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 27+75E | BS | 5/25/2005 | 542356.81246 | 5443929.915303 | brown | Select | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 28+00E | BS | 5/25/2005 | 542379.23593 | 5443931.010724 | tan | Select | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 28+25E | BS | 5/25/2005 | 542401.55363 | 5443932.391592 | tan | red | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 28+50E | BS | 5/25/2005 | 542419.89414 | 5443945.364146 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 28+75E | BS | 5/25/2005 | 542438.23464 | 5443958.336699 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 29+00E | BS | 5/25/2005 | 542455.38656 | 5443972.811674 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL13 29+25E | BS | 5/25/2005 | 542472.23142 | 5443987.674784 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 29+50E | BS | 5/25/2005 | 542491.54644 | 5443998.900651 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 29+75E | BS | 5/25/2005 | 542511.57336 | 5444009.078266 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 30+00E | BS | 5/25/2005 | 542531.60028 | 5444019.255880 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|---------------|------------|
| IRL13 30+25E | BS | 5/25/2005 | 542553.08200 | 5444024.819018 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 30+50E | BS | 5/25/2005 | 542575.46227 | 5444022.873567 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 30+75E | BS | 5/25/2005 | 542597.84255 | 5444020.928117 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 31+00E | BS | 5/25/2005 | 542620.22282 | 5444018.982667 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL13 31+25E | BS | 5/25/2005 | 542642.12365 | 5444014.196451 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 31+50E | BS | 5/25/2005 | 542663.90277 | 5444008.689086 | brown | light | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 31+75E | BS | 5/25/2005 | 542685.6819 | 5444003.181721 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 32+00E | BS | 5/25/2005 | 542707.91341 | 5444000.078163 | brown | NA | 0 - 20 | 25 | B | 3 | ROCKY | N/A |
| IRL13 32+25E | BS | 5/25/2005 | 542730.00430 | 5444003.207288 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 32+50E | BS | 5/25/2005 | 542751.86262 | 5444001.106064 | grey | light | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 32+75E | BS | 5/25/2005 | 542773.61465 | 5443995.492637 | brown | light | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 33+00E | BS | 5/25/2005 | 542793.37378 | 5444000.485378 | brown | NA | 0 - 20 | 25 | B | 4 | 5M BEFORE | N/A |
| IRL13 33+25E | BS | 5/25/2005 | 542812.53466 | 5444000.264839 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 33+50E | BS | 5/25/2005 | 542832.40981 | 5443989.793939 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 33+75E | BS | 5/25/2005 | 542852.45056 | 5443980.072528 | dark | brown | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL13 34+00E | BS | 5/25/2005 | 542874.89206 | 5443981 | dark | brown | 0 - 20 | 15 | B | 4 | CROSSED_CREEK | N/A |
| IRL13 34+25E | BS | 5/25/2005 | 542897.35673 | 5443981 | light | brown | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 34+50E | BS | 5/25/2005 | 542919.8214 | 5443981 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL13 34+75E | BS | 5/25/2005 | 542942.14927 | 5443983.106426 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 35+00E | BS | 5/25/2005 | 542963.32648 | 5443990.061203 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 35+25E | BS | 5/25/2005 | 542984.01570 | 5443998.814337 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 35+50E | BS | 5/25/2005 | 543004.95630 | 5444005.271208 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL13 35+75E | BS | 5/25/2005 | 543027.04925 | 5444001.201454 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 36+00E | BS | 5/25/2005 | 543049.27977 | 5443998.174741 | brown | orange | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 36+25E | BS | 5/25/2005 | 543071.6724 | 5443996.377064 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL13 36+50E | BS | 5/25/2005 | 543094.06502 | 5443994.579387 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_END | ABOVE_ROAD |
| IRL16 03+50E | HC | 5/25/2005 | 540883.76491 | 5443466.611377 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | N/A |
| IRL16 03+75E | HC | 5/25/2005 | 540907.10943 | 5443461.590649 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 04+00E | HC | 5/25/2005 | 540929.43518 | 5443452.786124 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 04+25E | HC | 5/25/2005 | 540951.76094 | 5443443.981600 | | | | | | | | |
| IRL16 04+50E | HC | 5/25/2005 | 540974.17613 | 5443435.455967 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 04+75E | HC | 5/25/2005 | 540997.99973 | 5443437.249967 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 05+00E | HC | 5/25/2005 | 541021.81356 | 5443440.226695 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 05+25E | HC | 5/25/2005 | 541045.62356 | 5443443.231937 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 05+50E | HC | 5/25/2005 | 541067.75325 | 5443451.993509 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 05+75E | HC | 5/25/2005 | 541088.63304 | 5443463.825390 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL16 06+00E | HC | 5/25/2005 | 541109.51283 | 5443475.657272 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 06+25E | HC | 5/25/2005 | 541129.28576 | 5443488.833383 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 06+50E | HC | 5/25/2005 | 541147.48891 | 5443503.744455 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 06+75E | HC | 5/25/2005 | 541167.06007 | 5443516.903414 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+00E | HC | 5/25/2005 | 541184.07440 | 5443532.582058 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+25E | HC | 5/25/2005 | 541206.10273 | 5443539.647129 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+50E | HC | 5/25/2005 | 541223.84632 | 5443555.806467 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 07+75E | HC | 5/25/2005 | 541241.58990 | 5443571.965805 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 08+00E | HC | 5/25/2005 | 541259.11752 | 5443588.340414 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 08+25E | HC | 5/25/2005 | 541275.21887 | 5443606.136641 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 08+50E | HC | 5/25/2005 | 541292.57703 | 5443622.704554 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 08+75E | HC | 5/25/2005 | 541309.99928 | 5443639.20984 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 09+00E | HC | 5/25/2005 | 541327.42152 | 5443655.715125 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 12+50W | HC | 5/25/2005 | 540746.30350 | 5444844.499804 | brown | grey | 0 - 20 | 15 | B | 5 | LINE_START | N/A |
| IRL16 12+75W | HC | 5/25/2005 | 540752.67900 | 5444866.475002 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 13+00W | HC | 5/25/2005 | 540759.39972 | 5444888.390393 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 13+25W | HC | 5/25/2005 | 540766.12044 | 5444910.305784 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 13+50W | HC | 5/25/2005 | 540772.84116 | 5444932.221175 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 13+75W | HC | 5/25/2005 | 540781.12721 | 5444953.580455 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+00W | HC | 5/25/2005 | 540789.50086 | 5444974.903249 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+25W | HC | 5/25/2005 | 540795.33454 | 5444997.071257 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+50W | HC | 5/25/2005 | 540798.22866 | 5445019.484793 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+75W | HC | 5/25/2005 | 540796.15333 | 5445042.313403 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+00W | HC | 5/25/2005 | 540792.16064 | 5445064.780009 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+25W | HC | 5/25/2005 | 540786.3256 | 5445086.759730 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+50W | HC | 5/25/2005 | 540795.35531 | 5445107.829061 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+75W | HC | 5/25/2005 | 540800.38776 | 5445130.032131 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 16+00W | HC | 5/25/2005 | 540803.76454 | 5445152.704798 | grey | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 16+25W | HC | 5/25/2005 | 540809.66327 | 5445174.767741 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 16+50W | HC | 5/25/2005 | 540817.01705 | 5445196.478899 | brown | grey | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 16+75W | HC | 5/25/2005 | 540824.37083 | 5445218.190057 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 17+00W | HC | 5/25/2005 | 540831 | 5445239.915999 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 17+25W | HC | 5/25/2005 | 540825.66794 | 5445262.177288 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 17+50W | HC | 5/25/2005 | 540819.44533 | 5445284.239281 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 17+75W | HC | 5/25/2005 | 540816.72266 | 5445306.316425 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 18+00W | HC | 5/25/2005 | 540819.94199 | 5445328.963448 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL16 18+25W | HC | 5/25/2005 | 540822.40577 | 5445351.753407 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 18+50W | HC | 5/25/2005 | 540824.86955 | 5445374.543366 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 18+75W | HC | 5/25/2005 | 540824.53601 | 5445396.981176 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 19+00W | HC | 5/25/2005 | 540823.56830 | 5445419.883490 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 19+25W | HC | 5/25/2005 | 540822.6006 | 5445442.785805 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL16 19+50W | HC | 5/25/2005 | 540823.92016 | 5445465.226875 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 19+75W | HC | 5/25/2005 | 540836.70081 | 5445484.249371 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 20+00W | HC | 5/25/2005 | 540849.30810 | 5445503.393783 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 20+25W | HC | 5/25/2005 | 540857.6051 | 5445524.542205 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 20+50W | HC | 5/25/2005 | 540857.63656 | 5445546.444371 | brown | grey | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL16 20+75W | HC | 5/25/2005 | 540850.61002 | 5445568.263632 | brown | grey | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 21+00W | HC | 5/25/2005 | 540843.58347 | 5445590.082893 | brown | grey | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 21+25W | HC | 5/25/2005 | 540839.46743 | 5445612.402291 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL16 21+50W | HC | 5/25/2005 | 540846.95421 | 5445634.063187 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL16 21+75W | HC | 5/25/2005 | 540855.20814 | 5445655.44835 | brown | grey | 20 - 40 | 15 | B | 4 | LINE_END | N/A |
| IRL16 16+50E | HC | 5/26/2005 | 541783.14967 | 5444129.149668 | brown | NA | 0 - 20 | 15 | B | 4 | LINE_START | ROCKY |
| IRL16 16+75E | HC | 5/26/2005 | 541800.11963 | 5444146.119628 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 17+00E | HC | 5/26/2005 | 541816.67188 | 5444163.496719 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 17+25E | HC | 5/26/2005 | 541828.92698 | 5444183.961257 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 17+50E | HC | 5/26/2005 | 541846.02164 | 5444200.628456 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 17+75E | HC | 5/26/2005 | 541863.74466 | 5444216.810346 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 18+00E | HC | 5/26/2005 | 541880.04452 | 5444234.201602 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 18+25E | HC | 5/26/2005 | 541891 | 5444254.944007 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 18+50E | HC | 5/26/2005 | 541896.04278 | 5444278.299452 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL16 18+75E | HC | 5/26/2005 | 541911.36192 | 5444275.480128 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 19+00E | HC | 5/26/2005 | 541931.36553 | 5444262.220626 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 19+25E | HC | 5/26/2005 | 541954.16468 | 5444255.462699 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 19+50E | HC | 5/26/2005 | 541977.68594 | 5444251.531886 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 19+75E | HC | 5/26/2005 | 542001.66512 | 5444252.510628 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 20+00E | HC | 5/26/2005 | 542025.64431 | 5444253.489371 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 20+25E | HC | 5/26/2005 | 542048.85267 | 5444257.40286 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 20+50E | HC | 5/26/2005 | 542070.21787 | 5444268.333891 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 20+75E | HC | 5/26/2005 | 542091.58307 | 5444279.264922 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 21+00E | HC | 5/26/2005 | 542110.98420 | 5444292.819283 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 21+25E | HC | 5/26/2005 | 542127.48949 | 5444310.241529 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 21+50E | HC | 5/26/2005 | 542145.68735 | 5444325.849359 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|--------------------|
| IRL16 21+75E | HC | 5/26/2005 | 542166.31405 | 5444337.419121 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 22+00E | HC | 5/26/2005 | 542190.20299 | 5444346.059799 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 22+25E | HC | 5/26/2005 | 542211.58437 | 5444353.793489 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 22+50E | HC | 5/26/2005 | 542232.98154 | 5444361.483239 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 22+75E | HC | 5/26/2005 | 542254.39397 | 5444369.130536 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 23+00E | HC | 5/26/2005 | 542275.74916 | 5444376.935184 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 23+25E | HC | 5/26/2005 | 542297.0708 | 5444384.832087 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 23+50E | HC | 5/26/2005 | 542317.68175 | 5444394.392529 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 23+75E | HC | 5/26/2005 | 542338.12770 | 5444404.339207 | brown | NA | 20 - 40 | 15 | B | 5 | ROCKY | N/A |
| IRL16 24+00E | HC | 5/26/2005 | 542358.18738 | 5444414.942515 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 24+25E | HC | 5/26/2005 | 542376.81429 | 5444427.981355 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 24+50E | HC | 5/26/2005 | 542396.74534 | 5444438.770137 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 24+75E | HC | 5/26/2005 | 542417.72398 | 5444447.468441 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 25+00E | HC | 5/26/2005 | 542438.48349 | 5444456.620608 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 25+25E | HC | 5/26/2005 | 542458.69615 | 5444467.033189 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 25+50E | HC | 5/26/2005 | 542478.62041 | 5444477.929214 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 25+75E | HC | 5/26/2005 | 542497.38546 | 5444490.768458 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 26+00E | HC | 5/26/2005 | 542515.81044 | 5444504.086695 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 26+25E | HC | 5/26/2005 | 542534.11896 | 5444517.568945 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 26+50E | HC | 5/26/2005 | 542552.12697 | 5444531.368463 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 26+75E | HC | 5/26/2005 | 542566.11227 | 5444549.22454 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 27+00E | HC | 5/26/2005 | 542578.51306 | 5444568.014066 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 27+25E | HC | 5/26/2005 | 542593.98451 | 5444584.675626 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 27+50E | HC | 5/26/2005 | 542612.39106 | 5444597.737427 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 27+75E | HC | 5/26/2005 | 542631.70932 | 5444609.723469 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | CROSSED_CLAIM LINE |
| IRL16 28+00E | HC | 5/26/2005 | 542650.75411 | 5444622.143985 | brown | NA | 20 - 40 | 15 | B | 4 | ROCKY | N/A |
| IRL16 28+25E | HC | 5/26/2005 | 542669.79890 | 5444634.564501 | dark | brown | 20 - 40 | 25 | B | 2 | ROCKY | SMALL_SAMPLE |
| IRL16 28+50E | HC | 5/26/2005 | 542683.99922 | 5444652.136889 | brown | NA | 20 - 40 | 25 | B | 2 | ROCKY | N/A |
| IRL16 28+75E | HC | 5/26/2005 | 542697.56648 | 5444670.382512 | brown | NA | 20 - 40 | 15 | B | 3 | ROCKY | N/A |
| IRL16 29+00E | HC | 5/26/2005 | 542708.92691 | 5444690.019416 | brown | NA | 40 - 60 | 15 | B | 4 | ROCKY | N/A |
| IRL16 29+25E | HC | 5/26/2005 | 542719.53963 | 5444710.127713 | brown | NA | 40 - 60 | 15 | B | 3 | ROCKY | N/A |
| IRL16 29+50E | HC | 5/26/2005 | 542732.43691 | 5444728.844256 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |
| IRL16 29+75E | HC | 5/26/2005 | 542743.60294 | 5444748.220553 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |
| IRL16 30+00E | HC | 5/26/2005 | 542746.81844 | 5444770.729081 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |
| IRL16 30+25E | HC | 5/26/2005 | 542751.66416 | 5444792.808398 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |
| IRL16 30+50E | HC | 5/26/2005 | 542759.94952 | 5444813.982109 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|--------------|
| IRL16 30+75E | HC | 5/26/2005 | 542768.23489 | 5444835.155819 | brown | NA | > 60 | 15 | B | 3 | ROCKY | TOP OF CLIFF |
| IRL16 31+00E | HC | 5/26/2005 | 542776.85662 | 5444856.142155 | brown | NA | > 60 | 15 | B | 4 | ROCKY | TOP OF CLIFF |
| IRL16 31+25E | HC | 5/26/2005 | 542784.52894 | 5444876.895196 | brown | NA | > 60 | 15 | B | 4 | ROCKY | TOP OF CLIFF |
| IRL16 31+50E | HC | 5/26/2005 | 542790.12575 | 5444898.932642 | brown | NA | > 60 | 15 | B | 5 | ROCKY | TOP OF CLIFF |
| IRL16 31+75E | HC | 5/26/2005 | 542795.72256 | 5444920.970087 | brown | NA | > 60 | 25 | B | 4 | ROCKY | TALUS |
| IRL16 32+00E | HC | 5/26/2005 | 542804.29546 | 5444941.662202 | grey | NA | 20 - 40 | 5 | B | 1 | TALUS | N/A |
| IRL16 32+25E | HC | 5/26/2005 | 542818.03743 | 5444959.776609 | grey | NA | 20 - 40 | 5 | B | 1 | TALUS | N/A |
| IRL16 32+50E | HC | 5/26/2005 | 542831.92230 | 5444977.78134 | grey | NA | 20 - 40 | 5 | B | 1 | TALUS | N/A |
| IRL16 32+75E | HC | 5/26/2005 | 542845.86509 | 5444995.741631 | grey | NA | 20 - 40 | 5 | B | 1 | TALUS | N/A |
| IRL16 33+00E | HC | 5/26/2005 | 542867.89099 | 5444999.763495 | brown | grey | 0 - 20 | 15 | B | 3 | ROCKY | N/A |
| IRL20 00+25W | BS | 5/26/2005 | 541340.23363 | 5444599.897945 | brown | NA | 20 - 40 | 15 | B | 5 | LINE_START | BELOW ROAD |
| IRL20 00+50W | JC | 5/26/2005 | 541320.79416 | 5444584.520455 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 00+75W | BS | 5/26/2005 | 541302.12079 | 5444593.093974 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 01+00W | JC | 5/26/2005 | 541291.01259 | 5444613.439154 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 01+25W | BS | 5/26/2005 | 541284.14532 | 5444637.136693 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 01+50W | JC | 5/26/2005 | 541272.40385 | 5444658.596152 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 01+75W | BS | 5/26/2005 | 541254.8773 | 5444676.122705 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 02+00W | JC | 5/26/2005 | 541234.14217 | 5444688.896948 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 02+25W | BS | 5/26/2005 | 541211.33495 | 5444698.602148 | brown | tan | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 02+50W | JC | 5/26/2005 | 541190.23156 | 5444709.275812 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 02+75W | BS | 5/26/2005 | 541174.73769 | 5444728.618142 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 03+00W | JC | 5/26/2005 | 541159.14221 | 5444747.883158 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL20 03+25W | BS | 5/26/2005 | 541143.54672 | 5444767.148174 | brown | dark | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 03+50W | JC | 5/26/2005 | 541127.64974 | 5444786 | brown | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL20 03+75W | BS | 5/26/2005 | 541126.03531 | 5444810.117263 | brown | dark | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 04+00W | JC | 5/26/2005 | 541125.04465 | 5444834.883747 | brown | NA | 0 - 20 | 25 | B | 5 | N/A | N/A |
| IRL20 04+25W | BS | 5/26/2005 | 541124.05399 | 5444859.650231 | brown | dark | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL20 04+50W | JC | 5/26/2005 | 541127.49551 | 5444884.157349 | brown | NA | 0 - 20 | 25 | B | 5 | N/A | N/A |
| IRL20 04+75W | BS | 5/26/2005 | 541131.96517 | 5444908.537305 | brown | red | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 05+00W | JC | 5/26/2005 | 541136.43483 | 5444932.917262 | grey | NA | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL20 05+25W | BS | 5/26/2005 | 541143.3379 | 5444956.703806 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL20 05+50W | JC | 5/26/2005 | 541150.59320 | 5444980.404455 | light | brown | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL20 05+75W | BS | 5/26/2005 | 541148.96186 | 5445004.747902 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 06+00W | JC | 5/26/2005 | 541154.48196 | 5445028.285231 | light | brown | 0 - 20 | 25 | B | 4 | N/A | N/A |
| IRL20 06+25W | BS | 5/26/2005 | 541167.64774 | 5445048.647738 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 06+50W | JC | 5/26/2005 | 541173.21478 | 5445072.217526 | brown | grey | 0 - 20 | 25 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL20 06+75W | BS | 5/26/2005 | 541175.22874 | 5445096.838706 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 07+00W | JC | 5/26/2005 | 541182.97616 | 5445120.35705 | brown | grey | 0 - 20 | 25 | B | 5 | N/A | N/A |
| IRL20 07+25W | BS | 5/26/2005 | 541191.62927 | 5445143.583838 | brown | grey | 20 - 40 | 15 | B | 3 | N/A | N/A |
| IRL20 07+50W | JC | 5/26/2005 | 541199.70303 | 5445166.866664 | brown | grey | 0 - 20 | 25 | B | 5 | N/A | N/A |
| IRL20 07+75W | BS | 5/26/2005 | 541205.77545 | 5445190.873251 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 08+00W | JC | 5/26/2005 | 541212.52531 | 5445214.722768 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 08+25W | BS | 5/26/2005 | 541217.37335 | 5445238.866752 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 08+50W | JC | 5/26/2005 | 541219.53829 | 5445263.536121 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 08+75W | BS | 5/26/2005 | 541221.30424 | 5445288.259421 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 09+00W | JC | 5/26/2005 | 541226.78757 | 5445311.849722 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 09+25W | BS | 5/26/2005 | 541232.4643 | 5445335.524776 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 09+50W | JC | 5/26/2005 | 541239.07198 | 5445359.414077 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 09+75W | BS | 5/26/2005 | 541242.86100 | 5445383.77601 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 10+00W | JC | 5/26/2005 | 541246.08226 | 5445408.346391 | grey | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 10+25W | BS | 5/26/2005 | 541251.20252 | 5445432.574195 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 10+50W | JC | 5/26/2005 | 541256.96715 | 5445456.680817 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 10+75W | BS | 5/26/2005 | 541253.67805 | 5445480.880976 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 11+00W | JC | 5/26/2005 | 541253.82994 | 5445505.578460 | tan | brown | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 11+25W | BS | 5/26/2005 | 541254.78256 | 5445530.346436 | brown | red | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 11+50W | JC | 5/26/2005 | 541255.79633 | 5445555.111962 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 11+75W | BS | 5/26/2005 | 541253.88025 | 5445579.436950 | brown | grey | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 12+00W | JC | 5/26/2005 | 541252.05632 | 5445604.155204 | brown | orange | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 12+25W | BS | 5/26/2005 | 541248.28216 | 5445628.589179 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 12+50W | JC | 5/26/2005 | 541254 | 5445651.890215 | brown | orange | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 12+75W | BS | 5/26/2005 | 541256.47674 | 5445676.479617 | brown | tan | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 13+00W | JC | 5/26/2005 | 541259.87848 | 5445701.027865 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 13+25W | BS | 5/26/2005 | 541259.59656 | 5445725.803170 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 13+50W | JC | 5/26/2005 | 541259.17651 | 5445750.5859 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 13+75W | BS | 5/26/2005 | 541263.12249 | 5445774.759408 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 14+00W | JC | 5/26/2005 | 541267.06927 | 5445799.229452 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 14+25W | BS | 5/26/2005 | 541271.01605 | 5445823.699496 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 14+50W | JC | 5/26/2005 | 541273.69663 | 5445848.307116 | brown | orange | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 14+75W | BS | 5/26/2005 | 541275.09738 | 5445873.053793 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 15+00W | JC | 5/26/2005 | 541276.41927 | 5445897.80458 | brown | tan | 20 - 40 | 25 | B | 5 | N/A | N/A |
| IRL20 15+25W | BS | 5/26/2005 | 541279.85257 | 5445922.220112 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 15+50W | JC | 5/26/2005 | 541285.95988 | 5445946.242204 | brown | NA | 20 - 40 | 25 | B | 5 | N/A | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|------------|----------|
| IRL20 15+75W | BS | 5/26/2005 | 541292.06614 | 5445970.264561 | brown | N/A | 0-20 | 15 | B | 4 | N/A | N/A |
| IRL20 16+00W | JC | 5/26/2005 | 541298.30269 | 5445994.251288 | brown | NA | 20 - 40 | 45 | B | 4 | N/A | N/A |
| IRL20 16+25W | BS | 5/26/2005 | 541304.96521 | 5446018.125350 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 16+50W | JC | 5/26/2005 | 541313.07963 | 5446041.503704 | brown | NA | 20 - 40 | 35 | B | 4 | N/A | N/A |
| IRL20 16+75W | BS | 5/26/2005 | 541321.56909 | 5446064.699057 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 17+00W | JC | 5/26/2005 | 541326.15021 | 5446088.902269 | brown | NA | 20 - 40 | 35 | B | 4 | N/A | N/A |
| IRL20 17+25W | BS | 5/26/2005 | 541338.97511 | 5446110.112689 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 17+50W | JC | 5/26/2005 | 541351.48894 | 5446131.466828 | brown | NA | 20 - 40 | 35 | B | 4 | N/A | N/A |
| IRL20 17+75W | BS | 5/26/2005 | 541354.71890 | 5446155.925682 | | | | | | | | |
| IRL20 18+00W | JC | 5/26/2005 | 541357.08482 | 5446180.598797 | brown | NA | 20 - 40 | 35 | B | 4 | N/A | N/A |
| IRL20 18+25W | BS | 5/26/2005 | 541359.45073 | 5446205.271911 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |
| IRL20 18+50W | JC | 5/26/2005 | 541359.71597 | 5446230.029806 | brown | NA | 20 - 40 | 35 | B | 4 | N/A | N/A |
| IRL20 18+75W | BS | 5/26/2005 | 541359.34607 | 5446254.813335 | brown | NA | 20 - 40 | 15 | B | 5 | N/A | N/A |
| IRL20 19+00W | JC | 5/26/2005 | 541359.38734 | 5446279.549358 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 19+25W | BS | 5/26/2005 | 541360.37591 | 5446304.113152 | brown | NA | 20 - 40 | 5 | B | 4 | N/A | N/A |
| IRL20 19+50W | JC | 5/26/2005 | 541358.47489 | 5446328.826432 | tan | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 19+75W | BS | 5/26/2005 | 541356.57387 | 5446353.539713 | brown | NA | 20 - 40 | 5 | B | 4 | N/A | N/A |
| IRL20 20+00W | JC | 5/26/2005 | 541360.19683 | 5446377.78731 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 20+25W | BS | 5/26/2005 | 541366.20839 | 5446401.833542 | brown | NA | 20 - 40 | 5 | B | 4 | ROCKY | N/A |
| IRL20 20+50W | JC | 5/26/2005 | 541370.95819 | 5446426.102771 | brown | NA | 20 - 40 | 25 | B | 4 | N/A | N/A |
| IRL20 20+75W | BS | 5/26/2005 | 541374.90926 | 5446450.546305 | brown | NA | 20 - 40 | 5 | B | 4 | ROCKY | N/A |
| IRL16 09+25E | HC | 5/27/2005 | 541338.56934 | 5443675.784669 | brown | NA | 0 - 20 | 15 | B | 5 | LINE_START | N/A |
| IRL16 09+50E | HC | 5/27/2005 | 541356.12153 | 5443690.706608 | brown | dark | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 09+75E | HC | 5/27/2005 | 541368.28959 | 5443711.392295 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 10+00E | HC | 5/27/2005 | 541381.16587 | 5443731.639802 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 10+25E | HC | 5/27/2005 | 541390.05139 | 5443753.798192 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 10+50E | HC | 5/27/2005 | 541397.77678 | 5443776.519932 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 10+75E | HC | 5/27/2005 | 541393.13547 | 5443797.565488 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 11+00E | HC | 5/27/2005 | 541385.27456 | 5443818.647342 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 11+25E | HC | 5/27/2005 | 541389.21999 | 5443842.319956 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 11+50E | HC | 5/27/2005 | 541408.55210 | 5443852.153362 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 11+75E | HC | 5/27/2005 | 541430.16529 | 5443861.165292 | brown | NA | 0 - 20 | 15 | B | 5 | ROCKY | N/A |
| IRL16 12+00E | HC | 5/27/2005 | 541447.13525 | 5443878.135253 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 12+25E | HC | 5/27/2005 | 541466.51728 | 5443891.758642 | brown | NA | 0 - 20 | 25 | B | 4 | ROCKY | N/A |
| IRL16 12+50E | HC | 5/27/2005 | 541487.98277 | 5443902.491387 | brown | NA | 0 - 20 | 5 | B | 4 | ROCKY | N/A |
| IRL16 12+75E | HC | 5/27/2005 | 541509.34777 | 5443913.419409 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |

Appendix 5.1 - Soil Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Colour - 1 | Colour - 2 | Slope - Degrees | Depth (cm) | Soil Horizon | Quality (1-5) | Note - 1 | Note - 2 |
|---------------|---------|--------------|--------------|----------------|------------|------------|-----------------|------------|--------------|---------------|----------|----------|
| IRL16 13+00E | HC | 5/27/2005 | 541530.55793 | 5443924.648316 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 13+25E | HC | 5/27/2005 | 541553.32491 | 5443931.91644 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 13+50E | HC | 5/27/2005 | 541576.46072 | 5443938.245719 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 13+75E | HC | 5/27/2005 | 541596.90334 | 5443950.660531 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 14+00E | HC | 5/27/2005 | 541616.16971 | 5443964.926177 | brown | NA | 0 - 20 | 15 | B | 4 | N/A | N/A |
| IRL16 14+25E | HC | 5/27/2005 | 541636.41686 | 5443977.810731 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+50E | HC | 5/27/2005 | 541651.7146 | 5443995.597928 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 14+75E | HC | 5/27/2005 | 541670.12043 | 5444010.998725 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+00E | HC | 5/27/2005 | 541688.52626 | 5444026.399521 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+25E | HC | 5/27/2005 | 541706.39130 | 5444042.391303 | brown | NA | 0 - 20 | 15 | B | 5 | N/A | N/A |
| IRL16 15+50E | HC | 5/27/2005 | 541726.57104 | 5444054.446127 | brown | NA | 0 - 20 | 15 | B | 4 | ROCKY | N/A |
| IRL16 15+75E | HC | 5/27/2005 | 541745.48296 | 5444069.221059 | brown | NA | 0 - 20 | 5 | B | 4 | N/A | N/A |
| IRL16 16+00E | HC | 5/27/2005 | 541761.62917 | 5444086.258335 | brown | NA | 20 - 40 | 15 | B | 4 | LINE_END | N/A |
| IRL16 16+25E | HC | 5/27/2005 | 541772.36191 | 5444107.723826 | brown | NA | 20 - 40 | 15 | B | 4 | N/A | N/A |

Appendix 5.2 - Silt Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Turbidity | Depth (cm) | Size (1-5) | Quality (1-5) |
|---------------|---------|--------------|------------|-------------|-----------|------------|------------|---------------|
| BRIRS001 | BR | 5/13/2004 | 545128 | 5448554 | | | | |
| JCIRS001 | JC | 5/13/2004 | 544369 | 5448250 | | | | |
| JCIRS002 | JC | 5/13/2004 | 544875 | 5448436 | | | | |
| BRIRS002 | BR | 5/17/2004 | 546370 | 5448974 | MED | 5 | 4 | 4 |
| BRIRS003 | BR | 5/17/2004 | 546360 | 5448331 | MED | 15 | 4 | 4 |
| JCIRS003 | JC | 5/17/2004 | 545849 | 5448513 | MED | 5 | 5 | 5 |
| JCIRS004 | JC | 5/21/2004 | 546896 | 5448835 | HIGH | 5 | 4 | 3 |
| JCIRS005 | JC | 5/21/2004 | 546900 | 5448283 | MED | 15 | 5 | 4 |
| AHIRS001 | AH | 5/15/2005 | 542545 | 5446060 | HIGH | 5 | 4 | 3 |
| AHIRS002 | AH | 5/15/2005 | 542798 | 5445939 | MED | 5 | 4 | 4 |
| AHIRS003 | AH | 5/15/2005 | 542886 | 5445845 | LOW | 5 | 2 | 3 |
| HCIRS001 | HC | 5/15/2005 | 542390 | 5446300 | | | | |
| AHIRS004 | AH | 5/17/2005 | 542521 | 5447794 | HIGH | 15 | 3 | 3 |
| HCIRS002 | HC | 5/17/2005 | 542685 | 5446846 | | | | |
| JCIRS006 | JC | 5/17/2005 | 542500 | 5446550 | HIGH | 5 | 4 | 5 |
| AHIRS005 | AH | 5/19/2005 | 541898 | 5468225 | LOW | 5 | 3 | 3 |
| JCIRS007 | JC | 5/20/2005 | 542780 | 5445365 | MED | 5 | 5 | 5 |
| HCIRS003 | HC | 5/21/2005 | | | VERY LOW | 5 | 4 | 5 |
| AHIRS006 | AH | 5/23/2005 | 541515 | 5447705 | LOW | 5 | 4 | 4 |
| BSIRS001 | BS | 5/25/2005 | 542863 | 5444020 | MED | 5 | 5 | 3 |
| HCIRS004 | HC | 5/25/2005 | 541330 | 5443870 | VERY LOW | 5 | 3 | 3 |
| HCIRS005 | HC | 5/26/2005 | 542890 | 5444995 | LOW | 5 | 3 | 3 |
| HCIRS006 | HC | 5/26/2005 | 541900 | 5444300 | VERY LOW | 5 | 2 | 2 |

Appendix 5.3 - Rock Sample Locations and Descriptions - 2004/05

| Sample Number | Sampler | Date (m/d/y) | UTM - East | UTM - North | Channel (m) | Channel (Az) | Map Unit | Rock Type - Major | Rock Type - Minor | Colour - Fresh | Colour - Weathered | Grain Size | Texture | Metamorphic Indicator | Mineralization - Major | Mineralization - Minor | Mineralization Style | Min. % | Alteration | Alt. Degree | Rock Description | |
|---------------|---------|--------------|------------|-------------|-------------|--------------|----------|-------------------|-------------------|----------------|--------------------|-------------|-----------------|-----------------------|------------------------|------------------------|----------------------|--------|------------|-------------|------------------|--|
| HCIRR001 | HC | 5/15/2005 | 542638 | 5446126 | | | | | | | | | | | | | | | | | | |
| JCIRR002 | JC | 5/17/2005 | 542625 | 5446320 | | | | | | | orangish | fine-medium | | | | | | | | | | |
| AHIRR001 | AH | 5/18/2005 | 542010 | 5447094 | | | | Wacke | | grey | | fine-medium | sediment deform | | quartz | | VEINLETS | 20 | | | | |