

APPENDIX E SOIL MAP UNITS AND KEY SOIL PROPERTIES

Appendix E: Soil Map Units and Key Soil Properties

| KP Begin | KP End | Soil Map Unit | Crossing Length (meters) | Component Name | Component Percent | Slope Range | Stoniness | Canada Land Inventory (CLI) Rating ¹ | First CLI Subclass ¹ | Second CLI Subclass ¹ | Drainage Class | Surface Texture |
|----------|--------|---------------|--------------------------|-----------------------|-------------------|-------------|----------------|-------------------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|
| 0.00 | 0.06 | ONOND004Vi:c0 | 60.7 | Vineland Sandy Loam | 100 | 2 - 5 | Non-stony | 2 | Low fertility | None | Imperfectly | Sandy loam |
| 0.06 | 0.33 | ONOND004Gi:d0 | 264.9 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 0.33 | 0.38 | ONOND004Ji:B1 | 56.0 | Jeddo Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 0.38 | 0.70 | ONOND004Gi:d0 | 317.2 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 0.70 | 0.78 | ONOND004Ji:B1 | 84.2 | Jeddo Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 0.78 | 0.81 | ONOND004Gi:d0 | 30.0 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 0.81 | 0.86 | ONOND004Ji:B1 | 46.1 | Jeddo Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 0.86 | 0.89 | ONOND004Gi:d0 | 30.4 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 0.89 | 0.93 | ONOND004Ji:B1 | 43.8 | Jeddo Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 0.93 | 0.96 | ONOND004Gi:d0 | 22.5 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 0.96 | 1.01 | ONOND004Ji:B1 | 55.7 | Jeddo Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 1.01 | 1.42 | ONOND004Gi:d0 | 411.4 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 1.42 | 1.78 | ONOND004Oi:C1 | 357.1 | Oneida Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Loam |
| 1.78 | 2.55 | ONOND004Gi:d0 | 767.6 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 2.55 | 2.68 | ONOND00410 | 133.7 | Stream Course | 100 | N/A | Non-stony | 5 | Frequent flooding | None | N/A | N/A |
| 2.68 | 3.28 | ONOND004Gi:d0 | 598.4 | Grimsby Sandy Loam | 100 | 5 - 9 | Non-stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 3.28 | 3.58 | ONOND004Sp:d1 | 297.3 | Springvale Sandy Loam | 100 | 5 - 9 | Slightly Stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 3.58 | 3.60 | ONOND004Ji:A0 | 21.4 | Jeddo Loam | 100 | 0 - 0.5 | Non-stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |
| 3.60 | 3.67 | ONOND00410 | 67.1 | Stream Course | 100 | N/A | Non-stony | 5 | Frequent flooding | None | N/A | N/A |
| 3.67 | 3.70 | ONOND004Ji:A0 | 29.8 | Jeddo Loam | 100 | 0 - 0.5 | Non-stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Loam |

| KP Begin | KP End | Soil Map Unit | Crossing Length (meters) | Component Name | Component Percent | Slope Range | Stoniness | Canada Land Inventory (CLI) Rating ¹ | First CLI Subclass ¹ | Second CLI Subclass ¹ | Drainage Class | Surface Texture |
|----------|--------|---------------|--------------------------|------------------------|-------------------|-------------|-------------------|-------------------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|
| 3.70 | 4.61 | ONOND004Sp:d1 | 912.5 | Springvale Sandy Loam | 100 | 5 - 9 | Slightly Stony | 3 | Low fertility and moisture | Topography | Well | Sandy loam |
| 4.61 | 5.21 | ONOND004Fl:c1 | 597.4 | Farmington Loam | 100 | 2 - 5 | Slightly Stony | 6 | Bedrock within 1 meter | None | Well | Loam |
| 5.21 | 5.35 | ONOND005Fl:c4 | 145.9 | Farmington Loam | 100 | 2 - 5 | Exceedingly Stony | 6 | Bedrock within 1 meter | None | Well | Loam |
| 5.35 | 5.70 | ONOND005M:A0 | 346.8 | Organics - Mesisol | 100 | 0 - 0.5 | Non-stony | N/A | None | None | Very Poorly | Organic |
| 5.70 | 5.72 | ONOND005Fl:c2 | 27.1 | Farmington Loam | 100 | 2 - 5 | Moderately Stony | 6 | Bedrock within 1 meter | None | Well | Loam |
| 5.72 | 5.94 | ONOND005Gi:c2 | 219.1 | Grimsby Sandy Loam | 100 | 2 - 5 | Moderately Stony | 2 | Low fertility | Low moisture | Well | Sandy loam |
| 5.94 | 6.35 | ONOND005Gi:D2 | 410.6 | Guelph Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Loam |
| 6.35 | 6.39 | ONOND005Li:c2 | 35.8 | London Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Loam |
| 6.39 | 6.52 | ONOND005Pi:A1 | 126.2 | Parkhill Loam | 100 | 0 - 0.5 | Slightly Stony | 2 | Water Saturation | None | Poorly | Loam |
| 6.52 | 6.85 | ONOND005Li:c2 | 330.4 | London Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Loam |
| 6.85 | 7.22 | ONOND005Gu:c1 | 375.2 | Guelph Sandy Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Sandy loam |
| 7.22 | 7.31 | ONOND005Lo:C2 | 91.6 | London Silt Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Silt loam |
| 7.31 | 7.42 | ONOND005Co:A0 | 109.3 | Colwood Silt Loam | 100 | 0 - 0.5 | Non-stony | 2 | Water Saturation | None | Poorly | Silt loam |
| 7.42 | 7.51 | ONOND005Li:C2 | 84.3 | London Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Loam |
| 7.51 | 8.20 | ONOND005Gi:c1 | 689.1 | Guelph Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Loam |
| 8.20 | 8.33 | ONOND005Li:C2 | 136.5 | London Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Loam |
| 8.33 | 8.53 | ONOND005Gi:c1 | 201.6 | Guelph Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Loam |
| 8.53 | 8.96 | ONOND005Li:C2 | 428.7 | London Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Imperfectly | Loam |
| 8.96 | 9.89 | ONOND005Gi:c1 | 929.1 | Guelph Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Loam |
| 9.89 | 10.20 | ONOND005Ol:d1 | 304.0 | Oneida Loam | 100 | 5 - 9 | Slightly Stony | 3 | Topography | None | Well | Loam |
| 10.20 | 11.52 | ONOND005Ch:c1 | 1324.3 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 11.52 | 11.62 | ONOND005Jc:B1 | 97.5 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 11.62 | 11.83 | ONOND005Ch:B2 | 209.7 | Chinguacousy Clay Loam | 100 | 0.5 - 2 | Moderately Stony | 1 | None | None | Imperfectly | Clay loam |
| 11.83 | 12.20 | ONOND005Ch:b0 | 372.5 | Chinguacousy Clay Loam | 100 | 0.5 - 2 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 12.20 | 12.24 | ONOND005Ch:c1 | 38.9 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 12.24 | 12.37 | ONOND005Ch:b0 | 131.9 | Chinguacousy Clay Loam | 100 | 0.5 - 2 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 12.37 | 12.41 | ONOND005Ch:c1 | 33.7 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 12.41 | 12.47 | ONOND005Ch:b0 | 63.4 | Chinguacousy Clay Loam | 100 | 0.5 - 2 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 12.47 | 12.60 | ONOND005Ch:c1 | 131.8 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 12.60 | 12.89 | ONOND005Ch:b0 | 287.0 | Chinguacousy Clay Loam | 100 | 0.5 - 2 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 12.89 | 12.97 | ONOND005Ch:c1 | 84.3 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 12.97 | 13.13 | ONOND005B.L. | 156.2 | Bottom Land | 100 | N/A | Non-stony | 5 | Frequent flooding | None | Variable | N/A |

| KP Begin | KP End | Soil Map Unit | Crossing Length (meters) | Component Name | Component Percent | Slope Range | Stoniness | Canada Land Inventory (CLI) Rating ¹ | First CLI Subclass ¹ | Second CLI Subclass ¹ | Drainage Class | Surface Texture |
|----------|--------|---------------|--------------------------|------------------------|-------------------|-------------|----------------|-------------------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|
| 13.13 | 13.28 | ONOND005On:a1 | 157.1 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 13.28 | 13.38 | ONOND005Ch:f1 | 91.6 | Chinguacousy Clay Loam | 100 | 15 - 30 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 13.38 | 13.46 | ONOND005On:a1 | 84.8 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 13.46 | 13.52 | ONOND005Ch:a0 | 56.9 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 13.52 | 13.61 | ONOND005Ch:a1 | 91.0 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 13.61 | 13.67 | ONOND005Ch:a0 | 56.1 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 13.67 | 14.15 | ONOND005Ch:f1 | 487.3 | Chinguacousy Clay Loam | 100 | 15 - 30 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 14.15 | 14.31 | ONOND005On:a1 | 156.7 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 14.31 | 14.42 | ONOND005Ch:a0 | 110.5 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 14.42 | 14.58 | ONOND005On:a1 | 159.9 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 14.58 | 14.65 | ONOND005Jc:B1 | 65.5 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 14.65 | 14.81 | ONOND005On:a1 | 166.3 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 14.81 | 15.25 | ONOND005Ch:a0 | 436.3 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 15.25 | 15.59 | ONOND005On:A0 | 339.3 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 15.59 | 15.66 | ONOND005Ch:A0 | 77.8 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 15.66 | 15.79 | ONOND005On:A0 | 123.5 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 15.79 | 15.91 | ONOND005Ch:a0 | 120.2 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 15.91 | 16.02 | ONOND005On:A0 | 108.0 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 16.02 | 16.18 | ONOND005Ch:a0 | 163.9 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 16.18 | 16.47 | ONOND005On:A0 | 291.6 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 16.47 | 16.56 | ONOND005Jc:B1 | 89.0 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 16.56 | 16.70 | ONOND005Ch:A0 | 136.5 | Chinguacousy Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 16.70 | 16.76 | ONOND005Jc:B1 | 62.9 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 16.76 | 16.86 | ONOND005On:A0 | 97.8 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 16.86 | 17.34 | ONOND005Jc:B1 | 486.1 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 17.34 | 17.41 | ONOND005Jc:B1 | 70.3 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 17.41 | 17.56 | ONOND005Jc:B1 | 144.7 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 17.56 | 17.68 | ONOND005Jc:B1 | 117.7 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 17.68 | 18.11 | ONOND005Jc:B1 | 433.6 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 18.11 | 18.24 | ONOND005On:C1 | 128.6 | Oneida Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Clay loam |

| KP Begin | KP End | Soil Map Unit | Crossing Length (meters) | Component Name | Component Percent | Slope Range | Stoniness | Canada Land Inventory (CLI) Rating ¹ | First CLI Subclass ¹ | Second CLI Subclass ¹ | Drainage Class | Surface Texture |
|----------|--------|---------------|--------------------------|------------------------|-------------------|-------------|------------------|-------------------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|
| 18.24 | 18.47 | ONOND005Jc:B1 | 229.1 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 18.47 | 18.48 | ONOND005On:C1 | 10.1 | Oneida Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 18.48 | 19.06 | ONOND005Jc:B1 | 583.2 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 19.06 | 19.16 | ONOND005On:E1 | 103.1 | Oneida Clay Loam | 100 | 9 - 15 | Slightly Stony | 4 | Topography | None | Well | Clay loam |
| 19.16 | 19.54 | ONOND005On:A1 | 374.6 | Oneida Clay Loam | 100 | 0 - 0.5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 19.54 | 19.69 | ONOND005B.L. | 152.4 | Bottom Land | 100 | N/A | Non-stony | 5 | Frequent flooding | None | Variable | N/A |
| 19.69 | 19.88 | ONOND005On:C2 | 188.3 | Oneida Clay Loam | 100 | 2 - 5 | Moderately Stony | 1 | None | None | Well | Clay loam |
| 19.88 | 20.17 | ONOND005On:D1 | 289.6 | Oneida Clay Loam | 100 | 5 - 9 | Slightly Stony | 3 | Topography | None | Well | Clay loam |
| 20.17 | 20.68 | ONOND005On:c1 | 513.7 | Oneida Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 20.68 | 21.04 | ONOND005On:c1 | 359.4 | Oneida Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Well | Clay loam |
| 21.04 | 21.09 | ONOND005On:D1 | 48.5 | Oneida Clay Loam | 100 | 5 - 9 | Slightly Stony | 3 | Topography | None | Well | Clay loam |
| 21.09 | 21.38 | ONOND005On:A0 | 291.4 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 21.38 | 21.56 | ONOND005Ch:C0 | 177.7 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 21.56 | 22.31 | ONOND005On:A0 | 753.7 | Oneida Clay Loam | 100 | 0 - 0.5 | Non-stony | 1 | None | None | Well | Clay loam |
| 22.31 | 22.54 | ONOND005B.L. | 229.8 | Bottom Land | 100 | N/A | Non-stony | 5 | Frequent flooding | None | Variable | N/A |
| 22.54 | 22.73 | ONOND005On:D2 | 182.4 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 22.73 | 22.79 | ONOND005On:D0 | 64.1 | Oneida Clay Loam | 100 | 5 - 9 | Non-stony | 3 | Topography | None | Well | Clay loam |
| 22.79 | 23.48 | ONOND005On:D2 | 685.0 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 23.48 | 23.85 | ONOND005Ch:C0 | 374.7 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 23.85 | 24.02 | ONOND005On:D2 | 168.0 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 24.02 | 24.48 | ONOND005Ch:C0 | 465.9 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 24.48 | 25.01 | ONOND005On:D2 | 526.3 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 25.01 | 25.45 | ONOND005Ch:C0 | 438.1 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 25.45 | 25.48 | ONOND005Jc:B1 | 30.0 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 25.48 | 25.62 | ONOND005Ch:C0 | 139.8 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 25.62 | 25.77 | ONOND005Jc:B1 | 154.9 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 25.77 | 25.92 | ONOND005On:D2 | 148.2 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 25.92 | 26.04 | ONOND005Jc:B1 | 123.1 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 26.04 | 26.57 | ONOND005Ch:C0 | 525.5 | Chinguacousy Clay Loam | 100 | 2 - 5 | Non-stony | 1 | None | None | Imperfectly | Clay loam |
| 26.57 | 26.73 | ONOND005Jc:B1 | 162.3 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 26.73 | 26.94 | ONOND005On:D2 | 205.2 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |

| KP Begin | KP End | Soil Map Unit | Crossing Length (meters) | Component Name | Component Percent | Slope Range | Stoniness | Canada Land Inventory (CLI) Rating ¹ | First CLI Subclass ¹ | Second CLI Subclass ¹ | Drainage Class | Surface Texture |
|----------|--------|---------------|--------------------------|------------------------|-------------------|-------------|------------------|-------------------------------------------------|---------------------------------|----------------------------------|----------------|-----------------|
| 26.94 | 27.00 | ONOND005Jc:B1 | 60.5 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 27.00 | 27.33 | ONOND005On:D2 | 336.7 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 27.33 | 27.40 | ONOND005Jc:B1 | 68.9 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 27.40 | 27.49 | ONOND005On:D2 | 84.1 | Oneida Clay Loam | 100 | 5 - 9 | Moderately Stony | 3 | Topography | None | Well | Clay loam |
| 27.49 | 27.56 | ONOND005Ch:C1 | 68.5 | Chinguacousy Clay Loam | 100 | 2 - 5 | Slightly Stony | 1 | None | None | Imperfectly | Clay loam |
| 27.56 | 27.58 | ONOND005Jc:B1 | 26.5 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 27.58 | 27.67 | ONOND005Jc:B1 | 84.9 | Jeddo Clay Loam | 100 | 0.5 - 2 | Slightly Stony | 3 | Restricted rooting depth | Water Saturation | Poorly | Clay loam |
| 27.67 | 62.02 | ONOND999BU | 34354.9 | Built Up Area | 100 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

¹ Definitions of the CLI classes and subclasses are shown below.

CLI Soil Class Definitions

| Class Number | Definition |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Class 1 | Soils in this class have no significant limitations in use for crops. |
| Class 2 | Soils in this class have moderate limitations that reduce the choice of crops or require moderate conservation practices. |
| Class 3 | Soils in this class have moderately severe limitations that reduce the choice of crops or require special conservation practices. |
| Class 4 | Soils in this class have severe limitations that restrict the choice of crops or require special conservation practices and very careful management, or both. |
| Class 5 | Soils in this class have very severe limitations that restrict their capability to producing perennial forage crops, and improvement practices are feasible. |
| Class 6 | Soils in this class are unsuited for cultivation but are capable of use for unimproved permanent pasture. |
| Class 7 | This class includes marsh, rockland, and soil on very steep slopes. |

Source: Ontario Ministry of Agriculture, Food, and Rural Affairs, 2018