

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1938  
**Client:** Saxton Falls Sand and Gravel Co. Inc.

| Sample ID                     | Client ID                                       | Matrix | Parameter                   | Concentration | C | MDL  | RDL  | Units |
|-------------------------------|-------------------------------------------------|--------|-----------------------------|---------------|---|------|------|-------|
| <b>Client ID:</b><br>Q1938-02 | <b>LOWER-WALL-PILE-A</b><br>LOWER-WALL-PII SOIL |        | Methylene Chloride          | 6.30          | J | 3.90 | 11.1 | ug/Kg |
|                               |                                                 |        | <b>Total Voc :</b>          | 6.30          |   |      |      |       |
| Q1938-02                      | LOWER-WALL-PII SOIL                             |        | Tert butyl alcohol          | * 34.6        | J | 15.2 | 27.7 | ug/Kg |
|                               |                                                 |        | <b>Total Tics :</b>         | 34.6          |   |      |      |       |
|                               |                                                 |        | <b>Total Concentration:</b> | 40.9          |   |      |      |       |
| <b>Client ID:</b><br>Q1938-04 | <b>LOWER-WALL-PILE-B</b><br>LOWER-WALL-PII SOIL |        | Methylene Chloride          | 3.20          | J | 3.10 | 8.70 | ug/Kg |
|                               |                                                 |        | <b>Total Voc :</b>          | 3.20          |   |      |      |       |
|                               |                                                 |        | <b>Total Concentration:</b> | 3.20          |   |      |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-02                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 90.9                 |
| Sample Wt/Vol:     | 4.97      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022155.D        | 1         |           | 05/05/25 13:34 | VY050525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 1.30  | U         | 1.30 | 5.50       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 1.30  | U         | 1.30 | 5.50       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.87  | U         | 0.87 | 5.50       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 1.20  | U         | 1.20 | 5.50       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 1.40  | U         | 1.40 | 5.50       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 1.30  | U         | 1.30 | 5.50       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 1.20  | U         | 1.20 | 5.50       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 1.10  | U         | 1.10 | 5.50       | ug/Kg             |
| 67-64-1        | Acetone                        | 5.20  | U         | 5.20 | 27.7       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 1.20  | U         | 1.20 | 5.50       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.81  | U         | 0.81 | 5.50       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 1.70  | U         | 1.70 | 5.50       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 6.30  | J         | 3.90 | 11.1       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.95  | U         | 0.95 | 5.50       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.89  | U         | 0.89 | 5.50       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 0.87  | U         | 0.87 | 5.50       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 7.20  | U         | 7.20 | 27.7       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 1.10  | U         | 1.10 | 5.50       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.83  | U         | 0.83 | 5.50       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 1.30  | U         | 1.30 | 5.50       | ug/Kg             |
| 67-66-3        | Chloroform                     | 0.93  | U         | 0.93 | 5.50       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 1.00  | U         | 1.00 | 5.50       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 1.00  | U         | 1.00 | 5.50       | ug/Kg             |
| 71-43-2        | Benzene                        | 0.87  | U         | 0.87 | 5.50       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.87  | U         | 0.87 | 5.50       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 0.90  | U         | 0.90 | 5.50       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 1.00  | U         | 1.00 | 5.50       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.86  | U         | 0.86 | 5.50       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 4.00  | U         | 4.00 | 27.7       | ug/Kg             |
| 108-88-3       | Toluene                        | 0.86  | U         | 0.86 | 5.50       | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938         |
| Lab Sample ID:     | Q1938-02                              | Matrix:         | SOIL          |
| Analytical Method: | SW8260                                | % Solid:        | 90.9          |
| Sample Wt/Vol:     | 4.97                                  | Units:          | g             |
| Soil Aliquot Vol:  |                                       | Final Vol:      | 5000 uL       |
|                    |                                       | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624                               | Level :         | LOW           |
| Prep Method :      | ID : 0.25                             |                 |               |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
|-------------------|-----------|-----------|----------------|---------------|
| VY022155.D        | 1         |           | 05/05/25 13:34 | VY050525      |

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|-------|-----------|------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 0.72  | U         | 0.72 | 5.50       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 0.69  | U         | 0.69 | 5.50       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 1.00  | U         | 1.00 | 5.50       | ug/Kg             |
| 591-78-6    | 2-Hexanone                  | 4.10  | U         | 4.10 | 27.7       | ug/Kg             |
| 124-48-1    | Dibromochloromethane        | 0.96  | U         | 0.96 | 5.50       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 0.97  | U         | 0.97 | 5.50       | ug/Kg             |
| 127-18-4    | Tetrachloroethene           | 1.20  | U         | 1.20 | 5.50       | ug/Kg             |
| 108-90-7    | Chlorobenzene               | 1.00  | U         | 1.00 | 5.50       | ug/Kg             |
| 100-41-4    | Ethyl Benzene               | 0.74  | U         | 0.74 | 5.50       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 1.40  | U         | 1.40 | 11.1       | ug/Kg             |
| 95-47-6     | o-Xylene                    | 0.91  | U         | 0.91 | 5.50       | ug/Kg             |
| 100-42-5    | Styrene                     | 0.79  | U         | 0.79 | 5.50       | ug/Kg             |
| 75-25-2     | Bromoform                   | 0.95  | U         | 0.95 | 5.50       | ug/Kg             |
| 98-82-8     | Isopropylbenzene            | 0.86  | U         | 0.86 | 5.50       | ug/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 1.30  | U         | 1.30 | 5.50       | ug/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 1.90  | U         | 1.90 | 5.50       | ug/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 1.70  | U         | 1.70 | 5.50       | ug/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 1.60  | U         | 1.60 | 5.50       | ug/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 2.00  | U         | 2.00 | 5.50       | ug/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 3.30  | U         | 3.30 | 5.50       | ug/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 3.50  | U         | 3.50 | 5.50       | ug/Kg             |

## SURROGATES

|            |                       |      |   |                     |      |         |
|------------|-----------------------|------|---|---------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 53.2 |   | 70 (63) - 130 (155) | 106% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 50.6 |   | 70 (70) - 130 (134) | 101% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 48.4 |   | 70 (74) - 130 (123) | 97%  | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 33.8 | * | 70 (38) - 130 (136) | 68%  | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 363-72-4  | Pentafluorobenzene     | 247000 | 7.713  |
| 540-36-3  | 1,4-Difluorobenzene    | 471000 | 8.616  |
| 3114-55-4 | Chlorobenzene-d5       | 393000 | 11.42  |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 119000 | 13.346 |

### TENTATIVE IDENTIFIED COMPOUNDS

C

D

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-02                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 90.9                 |
| Sample Wt/Vol:     | 4.97      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022155.D        | 1         |           | 05/05/25 13:34 | VY050525      |

| CAS Number | Parameter          | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|--------------------|-------|-----------|-----|------------|-------------------|
| 75-65-0    | Tert butyl alcohol | 34.6  | J         |     | 4.87       | ug/Kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-04                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 96                   |
| Sample Wt/Vol:     | 5.96      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022156.D        | 1         |           | 05/05/25 13:58 | VY050525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 1.00  | U         | 1.00 | 4.40       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 1.00  | U         | 1.00 | 4.40       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.69  | U         | 0.69 | 4.40       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 0.94  | U         | 0.94 | 4.40       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 1.10  | U         | 1.10 | 4.40       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 1.10  | U         | 1.10 | 4.40       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.93  | U         | 0.93 | 4.40       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 0.87  | U         | 0.87 | 4.40       | ug/Kg             |
| 67-64-1        | Acetone                        | 4.10  | U         | 4.10 | 21.8       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 0.93  | U         | 0.93 | 4.40       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.64  | U         | 0.64 | 4.40       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 1.30  | U         | 1.30 | 4.40       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 3.20  | J         | 3.10 | 8.70       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.75  | U         | 0.75 | 4.40       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.70  | U         | 0.70 | 4.40       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 0.69  | U         | 0.69 | 4.40       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 5.70  | U         | 5.70 | 21.8       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 0.85  | U         | 0.85 | 4.40       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.66  | U         | 0.66 | 4.40       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 1.00  | U         | 1.00 | 4.40       | ug/Kg             |
| 67-66-3        | Chloroform                     | 0.73  | U         | 0.73 | 4.40       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.81  | U         | 0.81 | 4.40       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 0.80  | U         | 0.80 | 4.40       | ug/Kg             |
| 71-43-2        | Benzene                        | 0.69  | U         | 0.69 | 4.40       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.69  | U         | 0.69 | 4.40       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 0.71  | U         | 0.71 | 4.40       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 0.80  | U         | 0.80 | 4.40       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.68  | U         | 0.68 | 4.40       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 3.10  | U         | 3.10 | 21.8       | ug/Kg             |
| 108-88-3       | Toluene                        | 0.68  | U         | 0.68 | 4.40       | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-04                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 96                   |
| Sample Wt/Vol:     | 5.96      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022156.D        | 1         |           | 05/05/25 13:58 | VY050525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.57   | U         | 0.57                | 4.40       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.54   | U         | 0.54                | 4.40       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.80   | U         | 0.80                | 4.40       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 3.20   | U         | 3.20                | 21.8       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 0.76   | U         | 0.76                | 4.40       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 0.77   | U         | 0.77                | 4.40       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 0.92   | U         | 0.92                | 4.40       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 0.80   | U         | 0.80                | 4.40       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 0.59   | U         | 0.59                | 4.40       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 1.10   | U         | 1.10                | 8.70       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 0.72   | U         | 0.72                | 4.40       | ug/Kg             |
| 100-42-5                  | Styrene                     | 0.62   | U         | 0.62                | 4.40       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 0.75   | U         | 0.75                | 4.40       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 0.68   | U         | 0.68                | 4.40       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 1.10   | U         | 1.10                | 4.40       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 1.50   | U         | 1.50                | 4.40       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 1.40   | U         | 1.40                | 4.40       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 1.30   | U         | 1.30                | 4.40       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 1.60   | U         | 1.60                | 4.40       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 2.60   | U         | 2.60                | 4.40       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 2.80   | U         | 2.80                | 4.40       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |                     |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 54.3   |           | 70 (63) - 130 (155) | 109%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 50.8   |           | 70 (70) - 130 (134) | 102%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 48.2   |           | 70 (74) - 130 (123) | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 37.3   |           | 70 (38) - 130 (136) | 75%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 248000 | 7.707     |                     |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 476000 | 8.615     |                     |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 408000 | 11.42     |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 135000 | 13.346    |                     |            |                   |

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc.     | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                                 | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-B                         | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-04                                  | Matrix:         | SOIL                         |
| Analytical Method: | SW8260                                    | % Solid:        | 96                           |
| Sample Wt/Vol:     | 5.96      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022156.D        | 1         |           | 05/05/25 13:58 | VY050525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-06                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 97.6                 |
| Sample Wt/Vol:     | 5.49      Units:    g                 | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022157.D        | 1         |           | 05/05/25 14:21 | VY050525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 1.10  | U         | 1.10 | 4.70       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 1.10  | U         | 1.10 | 4.70       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.74  | U         | 0.74 | 4.70       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 1.00  | U         | 1.00 | 4.70       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 1.20  | U         | 1.20 | 4.70       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 1.10  | U         | 1.10 | 4.70       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.99  | U         | 0.99 | 4.70       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 0.93  | U         | 0.93 | 4.70       | ug/Kg             |
| 67-64-1        | Acetone                        | 4.40  | U         | 4.40 | 23.3       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 0.99  | U         | 0.99 | 4.70       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.68  | U         | 0.68 | 4.70       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 1.40  | U         | 1.40 | 4.70       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 3.30  | U         | 3.30 | 9.30       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.80  | U         | 0.80 | 4.70       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.75  | U         | 0.75 | 4.70       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 0.74  | U         | 0.74 | 4.70       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 6.10  | U         | 6.10 | 23.3       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 0.91  | U         | 0.91 | 4.70       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.70  | U         | 0.70 | 4.70       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 1.10  | U         | 1.10 | 4.70       | ug/Kg             |
| 67-66-3        | Chloroform                     | 0.78  | U         | 0.78 | 4.70       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.87  | U         | 0.87 | 4.70       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 0.85  | U         | 0.85 | 4.70       | ug/Kg             |
| 71-43-2        | Benzene                        | 0.74  | U         | 0.74 | 4.70       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.74  | U         | 0.74 | 4.70       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 0.76  | U         | 0.76 | 4.70       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 0.85  | U         | 0.85 | 4.70       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.73  | U         | 0.73 | 4.70       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 3.30  | U         | 3.30 | 23.3       | ug/Kg             |
| 108-88-3       | Toluene                        | 0.73  | U         | 0.73 | 4.70       | ug/Kg             |

## Report of Analysis

|                    |                                       |           |                 |               |    |
|--------------------|---------------------------------------|-----------|-----------------|---------------|----|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |           | Date Collected: | 05/01/25      |    |
| Project:           | Stan Hope                             |           | Date Received:  | 05/01/25      |    |
| Client Sample ID:  | LOWER-WALL-PILE-C                     |           | SDG No.:        | Q1938         |    |
| Lab Sample ID:     | Q1938-06                              |           | Matrix:         | SOIL          |    |
| Analytical Method: | SW8260                                |           | % Solid:        | 97.6          |    |
| Sample Wt/Vol:     | 5.49                                  | Units: g  | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                                       | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | RXI-624                               | ID : 0.25 | Level :         | LOW           |    |
| Prep Method :      |                                       |           |                 |               |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022157.D        | 1         |           | 05/05/25 14:21 | VY050525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.61   | U         | 0.61                | 4.70       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.58   | U         | 0.58                | 4.70       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.86   | U         | 0.86                | 4.70       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 3.40   | U         | 3.40                | 23.3       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 0.81   | U         | 0.81                | 4.70       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 0.82   | U         | 0.82                | 4.70       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 0.98   | U         | 0.98                | 4.70       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 0.85   | U         | 0.85                | 4.70       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 0.63   | U         | 0.63                | 4.70       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 1.20   | U         | 1.20                | 9.30       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 0.77   | U         | 0.77                | 4.70       | ug/Kg             |
| 100-42-5                  | Styrene                     | 0.66   | U         | 0.66                | 4.70       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 0.80   | U         | 0.80                | 4.70       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 0.73   | U         | 0.73                | 4.70       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 1.10   | U         | 1.10                | 4.70       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 1.60   | U         | 1.60                | 4.70       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 1.50   | U         | 1.50                | 4.70       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 1.40   | U         | 1.40                | 4.70       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 1.70   | U         | 1.70                | 4.70       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 2.80   | U         | 2.80                | 4.70       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 3.00   | U         | 3.00                | 4.70       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |                     |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 55.8   |           | 70 (63) - 130 (155) | 112%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 51.3   |           | 70 (70) - 130 (134) | 103%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 48.8   |           | 70 (74) - 130 (123) | 98%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 37.0   |           | 70 (38) - 130 (136) | 74%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 236000 | 7.713     |                     |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 456000 | 8.616     |                     |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 394000 | 11.414    |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 133000 | 13.346    |                     |            |                   |

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc.     | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                                 | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-C                         | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-06                                  | Matrix:         | SOIL                         |
| Analytical Method: | SW8260                                    | % Solid:        | 97.6                         |
| Sample Wt/Vol:     | 5.49      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022157.D        | 1         |           | 05/05/25 14:21 | VY050525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938         |
| Lab Sample ID:     | Q1938-08                              | Matrix:         | SOIL          |
| Analytical Method: | SW8260                                | % Solid:        | 94.7          |
| Sample Wt/Vol:     | 5.9      Units:    g                  | Final Vol:      | 5000      uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624      ID :    0.25             | Level :         | LOW           |
| Prep Method :      |                                       |                 |               |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022158.D        | 1         |           | 05/05/25 14:45 | VY050525      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 1.00  | U         | 1.00 | 4.50       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 1.00  | U         | 1.00 | 4.50       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 0.71  | U         | 0.71 | 4.50       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 0.96  | U         | 0.96 | 4.50       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 1.10  | U         | 1.10 | 4.50       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 1.10  | U         | 1.10 | 4.50       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.95  | U         | 0.95 | 4.50       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 0.89  | U         | 0.89 | 4.50       | ug/Kg             |
| 67-64-1        | Acetone                        | 4.20  | U         | 4.20 | 22.4       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 0.95  | U         | 0.95 | 4.50       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.65  | U         | 0.65 | 4.50       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 1.40  | U         | 1.40 | 4.50       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 3.20  | U         | 3.20 | 8.90       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.77  | U         | 0.77 | 4.50       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 0.72  | U         | 0.72 | 4.50       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 0.71  | U         | 0.71 | 4.50       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 5.90  | U         | 5.90 | 22.4       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 0.87  | U         | 0.87 | 4.50       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.67  | U         | 0.67 | 4.50       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 1.00  | U         | 1.00 | 4.50       | ug/Kg             |
| 67-66-3        | Chloroform                     | 0.75  | U         | 0.75 | 4.50       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.83  | U         | 0.83 | 4.50       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 0.81  | U         | 0.81 | 4.50       | ug/Kg             |
| 71-43-2        | Benzene                        | 0.71  | U         | 0.71 | 4.50       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 0.71  | U         | 0.71 | 4.50       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 0.72  | U         | 0.72 | 4.50       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 0.81  | U         | 0.81 | 4.50       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 0.70  | U         | 0.70 | 4.50       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 3.20  | U         | 3.20 | 22.4       | ug/Kg             |
| 108-88-3       | Toluene                        | 0.70  | U         | 0.70 | 4.50       | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938         |
| Lab Sample ID:     | Q1938-08                              | Matrix:         | SOIL          |
| Analytical Method: | SW8260                                | % Solid:        | 94.7          |
| Sample Wt/Vol:     | 5.9      Units:    g                  | Final Vol:      | 5000      uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624      ID :    0.25             | Level :         | LOW           |
| Prep Method :      |                                       |                 |               |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022158.D        | 1         |           | 05/05/25 14:45 | VY050525      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|--------|-----------|---------------------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 0.58   | U         | 0.58                | 4.50       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.55   | U         | 0.55                | 4.50       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.82   | U         | 0.82                | 4.50       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 3.30   | U         | 3.30                | 22.4       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 0.78   | U         | 0.78                | 4.50       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 0.79   | U         | 0.79                | 4.50       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 0.94   | U         | 0.94                | 4.50       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 0.81   | U         | 0.81                | 4.50       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 0.60   | U         | 0.60                | 4.50       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 1.10   | U         | 1.10                | 8.90       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 0.73   | U         | 0.73                | 4.50       | ug/Kg             |
| 100-42-5                  | Styrene                     | 0.64   | U         | 0.64                | 4.50       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 0.77   | U         | 0.77                | 4.50       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 0.70   | U         | 0.70                | 4.50       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 1.10   | U         | 1.10                | 4.50       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 1.50   | U         | 1.50                | 4.50       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 1.40   | U         | 1.40                | 4.50       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 1.30   | U         | 1.30                | 4.50       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 1.60   | U         | 1.60                | 4.50       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 2.70   | U         | 2.70                | 4.50       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 2.80   | U         | 2.80                | 4.50       | ug/Kg             |
| <b>SURROGATES</b>         |                             |        |           |                     |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 53.8   |           | 70 (63) - 130 (155) | 108%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 50.4   |           | 70 (70) - 130 (134) | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 48.7   |           | 70 (74) - 130 (123) | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 38.1   |           | 70 (38) - 130 (136) | 76%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |                     |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 233000 | 7.707     |                     |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 452000 | 8.615     |                     |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 394000 | 11.42     |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 137000 | 13.346    |                     |            |                   |

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-08                              | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                                | % Solid:        | 94.7                 |
| Sample Wt/Vol:     | 5.9      Units:    g                  | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25     | Level :         | LOW                  |
| Prep Method :      |                                       |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022158.D        | 1         |           | 05/05/25 14:45 | VY050525      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID    | ClientID          | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q1938-02 | LOWER-WALL-PILE-A | SOIL   | VOC-TCLVOA-10 | 8260D  | 05/01/25    |           | 05/05/25  | 05/01/25 |
| Q1938-04 | LOWER-WALL-PILE-B | SOIL   | VOC-TCLVOA-10 | 8260D  | 05/01/25    |           | 05/05/25  | 05/01/25 |
| Q1938-06 | LOWER-WALL-PILE-C | SOIL   | VOC-TCLVOA-10 | 8260D  | 05/01/25    |           | 05/05/25  | 05/01/25 |
| Q1938-08 | LOWER-WALL-PILE-D | SOIL   | VOC-TCLVOA-10 | 8260D  | 05/01/25    |           | 05/05/25  | 05/01/25 |

### Hit Summary Sheet SW-846

**SDG No.:** Q1938  
**Client:** Saxton Falls Sand and Gravel Co. Inc.

| Sample ID            | Client ID         | Matrix | Parameter                          | Concentration | C  | MDL  | RDL | Units |
|----------------------|-------------------|--------|------------------------------------|---------------|----|------|-----|-------|
| Client ID :          | LOWER-WALL-PILE-A |        |                                    |               |    |      |     |       |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Fluoranthene                       | 100.000       | J  | 32.2 | 180 | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Pyrene                             | 100.000       | J  | 38.6 | 180 | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Benzo(b)fluoranthene               | 100.000       | J  | 20.4 | 180 | ug/Kg |
| Total Svoc :         |                   |        |                                    | 300.00        |    |      |     |       |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | (E)-3-Methyl-5-((1R,4aR,8aR)-5,4'- | 84.100        | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | (E)-4-(3-Hydroxyprop-1-en-1-yl)-   | 110.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | 13-Docosen-1-ol, (Z)-              | 110.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | 2-Methylpentacosane                | 680.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | 2-Pentanone, 4-hydroxy-4-methyl    | 170.000       | AB | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | 2-Pentenoic acid, 5-(decahydro-5,  | 1,900.000     | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Benzophenone                       | 200.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Cyclopentane, (4-octyldodecyl)-    | 330.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Cyclotetracosane                   | 230.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Heptacosane                        | 420.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Heptadecane, 9-octyl-              | 1,300.000     | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Hexacosane                         | 810.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Hexadecane, 1-iodo-                | 860.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | n-Hexadecanoic acid                | 1,100.000     | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Nonadecane                         | 1,100.000     | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Octadecanal                        | 230.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Octadecanoic acid                  | 290.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Pentadecane, 8-hexyl-              | 700.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | Tetracosane                        | 850.000       | J  | 0    | 0   | ug/Kg |
| Q1938-01             | LOWER-WALL-PILE-A | SOIL   | unknown19.145                      | 310.000       | J  | 0    | 0   | ug/Kg |
| Total Tics :         |                   |        |                                    | 11,784.10     |    |      |     |       |
| Total Concentration: |                   |        |                                    | 12,084.10     |    |      |     |       |
| Client ID :          | LOWER-WALL-PILE-B |        |                                    |               |    |      |     |       |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Fluoranthene                       | 84.400        | J  | 31   | 180 | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Pyrene                             | 98.200        | J  | 37.3 | 180 | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Benzo(b)fluoranthene               | 95.100        | J  | 19.7 | 180 | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Benzo(a)pyrene                     | 72.100        | J  | 30.5 | 180 | ug/Kg |
| Total Svoc :         |                   |        |                                    | 349.80        |    |      |     |       |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | .alpha.-Pinene                     | 71.100        | J  | 0    | 0   | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | 2-Pentanone, 4-hydroxy-4-methyl    | 150.000       | AB | 0    | 0   | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | 2-Pentenoic acid, 5-(decahydro-5,  | 990.000       | J  | 0    | 0   | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Benzophenone                       | 180.000       | J  | 0    | 0   | ug/Kg |
| Q1938-03             | LOWER-WALL-PILE-B | SOIL   | Cyclohexadecane                    | 200.000       | J  | 0    | 0   | ug/Kg |

### Hit Summary Sheet SW-846

**SDG No.:** Q1938  
**Client:** Saxton Falls Sand and Gravel Co. Inc.

| Sample ID                     | Client ID         | Matrix | Parameter                       | Concentration | C         | MDL  | RDL | Units |
|-------------------------------|-------------------|--------|---------------------------------|---------------|-----------|------|-----|-------|
| Q1938-03                      | LOWER-WALL-PILE-B | SOIL   | Eicosane                        | *             | 220.000   | J 0  | 0   | ug/Kg |
| Q1938-03                      | LOWER-WALL-PILE-B | SOIL   | Humulene                        | *             | 75.200    | J 0  | 0   | ug/Kg |
| Q1938-03                      | LOWER-WALL-PILE-B | SOIL   | n-Hexadecanoic acid             | *             | 430.000   | J 0  | 0   | ug/Kg |
| Q1938-03                      | LOWER-WALL-PILE-B | SOIL   | Octadecanoic acid               | *             | 86.600    | J 0  | 0   | ug/Kg |
| Total Tics :                  |                   |        |                                 | 2,402.90      |           |      |     |       |
| Total Concentration:          |                   |        |                                 | 2,752.70      |           |      |     |       |
| Client ID : LOWER-WALL-PILE-C |                   |        |                                 |               |           |      |     |       |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | 2-Pentanone, 4-hydroxy-4-methyl | *             | 190.000   | AB 0 | 0   | ug/Kg |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | Benzophenone                    | *             | 370.000   | J 0  | 0   | ug/Kg |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | Cyclohexadecane                 | *             | 99.300    | J 0  | 0   | ug/Kg |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | n-Hexadecanoic acid             | *             | 1,300.000 | J 0  | 0   | ug/Kg |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | Octadecanoic acid               | *             | 830.000   | J 0  | 0   | ug/Kg |
| Q1938-05                      | LOWER-WALL-PILE-C | SOIL   | Tetradecanoic acid              | *             | 350.000   | J 0  | 0   | ug/Kg |
| Total Tics :                  |                   |        |                                 | 3,139.30      |           |      |     |       |
| Total Concentration:          |                   |        |                                 | 3,139.30      |           |      |     |       |
| Client ID : LOWER-WALL-PILE-D |                   |        |                                 |               |           |      |     |       |
| Q1938-07                      | LOWER-WALL-PILE-D | SOIL   | 2-Pentanone, 4-hydroxy-4-methyl | *             | 170.000   | AB 0 | 0   | ug/Kg |
| Q1938-07                      | LOWER-WALL-PILE-D | SOIL   | Benzophenone                    | *             | 210.000   | J 0  | 0   | ug/Kg |
| Q1938-07                      | LOWER-WALL-PILE-D | SOIL   | Cyclotetradecane                | *             | 140.000   | J 0  | 0   | ug/Kg |
| Q1938-07                      | LOWER-WALL-PILE-D | SOIL   | n-Hexadecanoic acid             | *             | 470.000   | J 0  | 0   | ug/Kg |
| Q1938-07                      | LOWER-WALL-PILE-D | SOIL   | Octadecanoic acid               | *             | 110.000   | J 0  | 0   | ug/Kg |
| Total Tics :                  |                   |        |                                 | 1,100.00      |           |      |     |       |
| Total Concentration:          |                   |        |                                 | 1,100.00      |           |      |     |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-01                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 93.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050133.D        | 1         | 05/05/25 09:35 | 05/07/25 13:12 | PB167857      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 170   | U         | 170  | 350        | ug/Kg             |
| 108-95-2       | Phenol                      | 23.7  | U         | 23.7 | 180        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 26.1  | U         | 26.1 | 180        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 26.2  | U         | 26.2 | 180        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 32.1  | U         | 32.1 | 180        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40.2  | U         | 40.2 | 180        | ug/Kg             |
| 98-86-2        | Acetophenone                | 31.7  | U         | 31.7 | 180        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 44.1  | U         | 44.1 | 350        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 50.9  | U         | 50.9 | 85.8       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 18.9  | U         | 18.9 | 180        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 19.6  | U         | 19.6 | 180        | ug/Kg             |
| 78-59-1        | Isophorone                  | 35.2  | U         | 35.2 | 180        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 62.5  | U         | 62.5 | 180        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 69.5  | U         | 69.5 | 180        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 33.0  | U         | 33.0 | 180        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 30.4  | U         | 30.4 | 180        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 24.4  | U         | 24.4 | 180        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 38.0  | UQ        | 38.0 | 180        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 27.1  | U         | 27.1 | 180        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 55.9  | U         | 55.9 | 350        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 30.8  | U         | 30.8 | 180        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 27.5  | U         | 27.5 | 180        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120  | 350        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 21.2  | U         | 21.2 | 180        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 31.2  | U         | 31.2 | 180        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 23.4  | U         | 23.4 | 180        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 24.1  | U         | 24.1 | 180        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 51.6  | U         | 51.6 | 180        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 29.1  | U         | 29.1 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-01                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 93.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050133.D        | 1         | 05/05/25 09:35 | 05/07/25 13:12 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 31.0  | U         | 31.0 | 180        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 36.1  | U         | 36.1 | 180        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 49.4  | U         | 49.4 | 180        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 22.9  | U         | 22.9 | 180        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 250   | U         | 250  | 350        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 110   | U         | 110  | 350        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 24.4  | U         | 24.4 | 180        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 53.8  | U         | 53.8 | 180        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 30.4  | U         | 30.4 | 180        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28.7  | U         | 28.7 | 180        | ug/Kg             |
| 86-73-7    | Fluorene                   | 27.1  | U         | 27.1 | 180        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 68.9  | U         | 68.9 | 180        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110  | 350        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 35.3  | U         | 35.3 | 180        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29.8  | U         | 29.8 | 180        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 27.1  | U         | 27.1 | 180        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 36.5  | U         | 36.5 | 180        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 55.0  | U         | 55.0 | 350        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 22.4  | U         | 22.4 | 180        | ug/Kg             |
| 120-12-7   | Anthracene                 | 35.7  | U         | 35.7 | 180        | ug/Kg             |
| 86-74-8    | Carbazole                  | 33.5  | U         | 33.5 | 180        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 51.4  | U         | 51.4 | 180        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 100   | J         | 32.2 | 180        | ug/Kg             |
| 129-00-0   | Pyrene                     | 100   | J         | 38.6 | 180        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 76.6  | U         | 76.6 | 180        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 39.4  | UQ        | 39.4 | 350        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 24.7  | U         | 24.7 | 180        | ug/Kg             |
| 218-01-9   | Chrysene                   | 21.4  | U         | 21.4 | 180        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 63.5  | U         | 63.5 | 180        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 93.1  | U         | 93.1 | 350        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 100   | J         | 20.4 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-01                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 93.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050133.D        | 1         | 05/05/25 09:35 | 05/07/25 13:12 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 24.0  | U         | 24.0 | 180        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 31.7  | U         | 31.7 | 180        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 31.2  | U         | 31.2 | 180        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 29.4  | U         | 29.4 | 180        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 27.6  | U         | 27.6 | 180        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 27.5  | U         | 27.5 | 180        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 48.5  | U         | 48.5 | 180        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 29.4  | U         | 29.4 | 180        | ug/Kg             |

### SURROGATES

|            |                      |      |  |                     |     |          |
|------------|----------------------|------|--|---------------------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 74.5 |  | 30 (18) - 130 (112) | 50% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 79.6 |  | 30 (15) - 130 (107) | 53% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 44.2 |  | 30 (18) - 130 (107) | 44% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 43.4 |  | 30 (20) - 130 (109) | 43% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 79.7 |  | 30 (10) - 130 (116) | 53% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 51.4 |  | 30 (10) - 130 (105) | 51% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 293000  | 7.739  |
| 1146-65-2  | Naphthalene-d8         | 1110000 | 10.539 |
| 15067-26-2 | Acenaphthene-d10       | 760000  | 14.392 |
| 1517-22-2  | Phenanthrene-d10       | 1510000 | 17.139 |
| 1719-03-5  | Chrysene-d12           | 1350000 | 21.386 |
| 1520-96-3  | Perylene-d12           | 1500000 | 24.379 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |      |    |      |       |
|-------------|------------------------------------|------|----|------|-------|
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl-   | 170  | AB | 4.86 | ug/Kg |
| 000119-61-9 | Benzophenone                       | 200  | J  | 15.8 | ug/Kg |
| 032811-40-8 | (E)-4-(3-Hydroxyprop-1-en-1-yl)-2- | 110  | J  | 16.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid                | 1100 | J  | 18.0 | ug/Kg |
|             | unknown19.145                      | 310  | J  | 19.1 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                  | 290  | J  | 19.3 | ug/Kg |
| 021738-29-4 | (E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8 | 84.1 | J  | 20.0 | ug/Kg |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-01                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 93.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050133.D        | 1         | 05/05/25 09:35 | 05/07/25 13:12 | PB167857      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|-------------|------------------------------------|-------|-----------|-----|------------|-------------------|
| 000593-49-7 | Heptacosane                        | 420   | J         |     | 20.1       | ug/Kg             |
| 024470-48-2 | 2-Pentenoic acid, 5-(decahydro-5,5 | 1900  | J         |     | 20.5       | ug/Kg             |
| 013475-75-7 | Pentadecane, 8-hexyl-              | 700   | J         |     | 20.6       | ug/Kg             |
| 000629-92-5 | Nonadecane                         | 1100  | J         |     | 21.1       | ug/Kg             |
| 000630-01-3 | Hexacosane                         | 810   | J         |     | 21.6       | ug/Kg             |
| 007225-64-1 | Heptadecane, 9-octyl-              | 1300  | J         |     | 22.1       | ug/Kg             |
| 000544-77-4 | Hexadecane, 1-iodo-                | 860   | J         |     | 22.8       | ug/Kg             |
| 000629-98-1 | 13-Docosen-1-ol, (Z)-              | 110   | J         |     | 23.1       | ug/Kg             |
| 000629-87-8 | 2-Methylpentacosane                | 680   | J         |     | 23.5       | ug/Kg             |
| 000297-03-0 | Cyclotetracosane                   | 230   | J         |     | 23.6       | ug/Kg             |
| 000638-66-4 | Octadecanal                        | 230   | J         |     | 24.9       | ug/Kg             |
| 000646-31-1 | Tetracosane                        | 850   | J         |     | 25.4       | ug/Kg             |
| 005638-09-5 | Cyclopentane, (4-octyldodecyl)-    | 330   | J         |     | 25.5       | ug/Kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-03                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 96.6                         |
| Sample Wt/Vol:     | 30.01      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050120.D        | 1         | 05/05/25 09:35 | 05/06/25 15:20 | PB167857      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 160   | U         | 160  | 340        | ug/Kg             |
| 108-95-2       | Phenol                      | 22.9  | U         | 22.9 | 180        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 25.1  | U         | 25.1 | 180        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 25.3  | U         | 25.3 | 180        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 30.9  | U         | 30.9 | 180        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 38.8  | U         | 38.8 | 180        | ug/Kg             |
| 98-86-2        | Acetophenone                | 30.5  | U         | 30.5 | 180        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 42.5  | U         | 42.5 | 340        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 49.1  | U         | 49.1 | 82.8       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 18.2  | U         | 18.2 | 180        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 18.9  | U         | 18.9 | 180        | ug/Kg             |
| 78-59-1        | Isophorone                  | 33.9  | U         | 33.9 | 180        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 60.2  | U         | 60.2 | 180        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 67.1  | U         | 67.1 | 180        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 31.9  | U         | 31.9 | 180        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 29.3  | U         | 29.3 | 180        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 23.5  | U         | 23.5 | 180        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 36.6  | UQ        | 36.6 | 180        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 26.2  | U         | 26.2 | 180        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 53.9  | U         | 53.9 | 340        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29.7  | U         | 29.7 | 180        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 26.5  | U         | 26.5 | 180        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120  | 340        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 20.5  | U         | 20.5 | 180        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 30.1  | U         | 30.1 | 180        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 22.6  | U         | 22.6 | 180        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 23.3  | U         | 23.3 | 180        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 49.8  | U         | 49.8 | 180        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 28.0  | U         | 28.0 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                  |
|--------------------|---------------------------------------|-----------------|------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25         |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25         |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938            |
| Lab Sample ID:     | Q1938-03                              | Matrix:         | SOIL             |
| Analytical Method: | SW8270                                | % Solid:        | 96.6             |
| Sample Wt/Vol:     | 30.01 Units: g                        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3541                                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050120.D        | 1         | 05/05/25 09:35 | 05/06/25 15:20 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 29.9  | U         | 29.9 | 180        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 34.8  | U         | 34.8 | 180        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 47.6  | U         | 47.6 | 180        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 22.0  | U         | 22.0 | 180        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 240   | U         | 240  | 340        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 110   | U         | 110  | 340        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 23.5  | U         | 23.5 | 180        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 51.8  | U         | 51.8 | 180        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 29.3  | U         | 29.3 | 180        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27.6  | U         | 27.6 | 180        | ug/Kg             |
| 86-73-7    | Fluorene                   | 26.2  | U         | 26.2 | 180        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 66.4  | U         | 66.4 | 180        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110  | 340        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 34.0  | U         | 34.0 | 180        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28.8  | U         | 28.8 | 180        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 26.2  | U         | 26.2 | 180        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 35.2  | U         | 35.2 | 180        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 53.1  | U         | 53.1 | 340        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 21.6  | U         | 21.6 | 180        | ug/Kg             |
| 120-12-7   | Anthracene                 | 34.5  | U         | 34.5 | 180        | ug/Kg             |
| 86-74-8    | Carbazole                  | 32.3  | U         | 32.3 | 180        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 49.6  | U         | 49.6 | 180        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 84.4  | J         | 31.0 | 180        | ug/Kg             |
| 129-00-0   | Pyrene                     | 98.2  | J         | 37.3 | 180        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 73.9  | U         | 73.9 | 180        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 38.0  | UQ        | 38.0 | 340        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 23.8  | U         | 23.8 | 180        | ug/Kg             |
| 218-01-9   | Chrysene                   | 20.6  | U         | 20.6 | 180        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 61.3  | U         | 61.3 | 180        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 89.8  | U         | 89.8 | 340        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 95.1  | J         | 19.7 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                  |
|--------------------|---------------------------------------|-----------------|------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25         |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25         |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938            |
| Lab Sample ID:     | Q1938-03                              | Matrix:         | SOIL             |
| Analytical Method: | SW8270                                | % Solid:        | 96.6             |
| Sample Wt/Vol:     | 30.01 Units: g                        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3541                                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050120.D        | 1         | 05/05/25 09:35 | 05/06/25 15:20 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 23.2  | U         | 23.2 | 180        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 72.1  | J         | 30.5 | 180        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 30.1  | U         | 30.1 | 180        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 28.4  | U         | 28.4 | 180        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 26.6  | U         | 26.6 | 180        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 26.5  | U         | 26.5 | 180        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 46.8  | U         | 46.8 | 180        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 28.4  | U         | 28.4 | 180        | ug/Kg             |

### SURROGATES

|            |                      |      |  |                     |     |          |
|------------|----------------------|------|--|---------------------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 71.0 |  | 30 (18) - 130 (112) | 47% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 71.7 |  | 30 (15) - 130 (107) | 48% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 41.9 |  | 30 (18) - 130 (107) | 42% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 41.9 |  | 30 (20) - 130 (109) | 42% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 70.9 |  | 30 (10) - 130 (116) | 47% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 48.2 |  | 30 (10) - 130 (105) | 48% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 314000  | 7.746  |
| 1146-65-2  | Naphthalene-d8         | 1150000 | 10.539 |
| 15067-26-2 | Acenaphthene-d10       | 769000  | 14.392 |
| 1517-22-2  | Phenanthrene-d10       | 1470000 | 17.139 |
| 1719-03-5  | Chrysene-d12           | 1290000 | 21.386 |
| 1520-96-3  | Perylene-d12           | 1330000 | 24.374 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |      |    |      |       |
|-------------|------------------------------------|------|----|------|-------|
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl-   | 150  | AB | 4.87 | ug/Kg |
| 000080-56-8 | .alpha.-Pinene                     | 71.1 | J  | 6.43 | ug/Kg |
| 006753-98-6 | Humulene                           | 75.2 | J  | 14.1 | ug/Kg |
| 000119-61-9 | Benzophenone                       | 180  | J  | 15.8 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid                | 430  | J  | 18.0 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                  | 86.6 | J  | 19.3 | ug/Kg |
| 024470-48-2 | 2-Pentenoic acid, 5-(decahydro-5,5 | 990  | J  | 20.5 | ug/Kg |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-03                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 96.6                         |
| Sample Wt/Vol:     | 30.01      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050120.D        | 1         | 05/05/25 09:35 | 05/06/25 15:20 | PB167857      |

| CAS Number  | Parameter       | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------|-------|-----------|-----|------------|-------------------|
| 000295-65-8 | Cyclohexadecane | 200   | J         |     | 21.1       | ug/Kg             |
| 000112-95-8 | Eicosane        | 220   | J         |     | 23.5       | ug/Kg             |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-05                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 96.8                         |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050115.D        | 1         | 05/05/25 09:35 | 05/06/25 12:04 | PB167857      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 160   | U         | 160  | 340        | ug/Kg             |
| 108-95-2       | Phenol                      | 22.8  | U         | 22.8 | 180        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 25.1  | U         | 25.1 | 180        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 25.2  | U         | 25.2 | 180        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 30.8  | U         | 30.8 | 180        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 38.7  | U         | 38.7 | 180        | ug/Kg             |
| 98-86-2        | Acetophenone                | 30.4  | U         | 30.4 | 180        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 42.4  | U         | 42.4 | 340        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 48.9  | U         | 48.9 | 82.5       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 18.1  | U         | 18.1 | 180        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 18.9  | U         | 18.9 | 180        | ug/Kg             |
| 78-59-1        | Isophorone                  | 33.8  | U         | 33.8 | 180        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 60.0  | U         | 60.0 | 180        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 66.8  | U         | 66.8 | 180        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 31.8  | U         | 31.8 | 180        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 29.2  | U         | 29.2 | 180        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 23.4  | U         | 23.4 | 180        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 36.5  | UQ        | 36.5 | 180        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 26.1  | U         | 26.1 | 180        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 53.7  | U         | 53.7 | 340        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29.6  | U         | 29.6 | 180        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 26.4  | U         | 26.4 | 180        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120  | 340        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 20.4  | U         | 20.4 | 180        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 30.0  | U         | 30.0 | 180        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 22.5  | U         | 22.5 | 180        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 23.2  | U         | 23.2 | 180        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 49.6  | U         | 49.6 | 180        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 27.9  | U         | 27.9 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                  |
|--------------------|---------------------------------------|-----------------|------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25         |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25         |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938            |
| Lab Sample ID:     | Q1938-05                              | Matrix:         | SOIL             |
| Analytical Method: | SW8270                                | % Solid:        | 96.8             |
| Sample Wt/Vol:     | 30.06 Units: g                        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3541                                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050115.D        | 1         | 05/05/25 09:35 | 05/06/25 12:04 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 29.8  | U         | 29.8 | 180        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 34.6  | U         | 34.6 | 180        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 47.4  | U         | 47.4 | 180        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 22.0  | U         | 22.0 | 180        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 240   | U         | 240  | 340        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 110   | U         | 110  | 340        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 23.4  | U         | 23.4 | 180        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 51.7  | U         | 51.7 | 180        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 29.2  | U         | 29.2 | 180        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27.5  | U         | 27.5 | 180        | ug/Kg             |
| 86-73-7    | Fluorene                   | 26.1  | U         | 26.1 | 180        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 66.2  | U         | 66.2 | 180        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110  | 340        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 33.9  | U         | 33.9 | 180        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28.7  | U         | 28.7 | 180        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 26.1  | U         | 26.1 | 180        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 35.1  | U         | 35.1 | 180        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 52.9  | U         | 52.9 | 340        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 21.5  | U         | 21.5 | 180        | ug/Kg             |
| 120-12-7   | Anthracene                 | 34.3  | U         | 34.3 | 180        | ug/Kg             |
| 86-74-8    | Carbazole                  | 32.2  | U         | 32.2 | 180        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 49.4  | U         | 49.4 | 180        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 30.9  | U         | 30.9 | 180        | ug/Kg             |
| 129-00-0   | Pyrene                     | 37.1  | U         | 37.1 | 180        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 73.6  | U         | 73.6 | 180        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 37.8  | UQ        | 37.8 | 340        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 23.7  | U         | 23.7 | 180        | ug/Kg             |
| 218-01-9   | Chrysene                   | 20.5  | U         | 20.5 | 180        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 61.0  | U         | 61.0 | 180        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 89.5  | U         | 89.5 | 340        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 19.6  | U         | 19.6 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                  |
|--------------------|---------------------------------------|-----------------|------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25         |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25         |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938            |
| Lab Sample ID:     | Q1938-05                              | Matrix:         | SOIL             |
| Analytical Method: | SW8270                                | % Solid:        | 96.8             |
| Sample Wt/Vol:     | 30.06 Units: g                        | Final Vol:      | 1000 uL          |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW              |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :           |
| Prep Method :      | SW3541                                |                 |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050115.D        | 1         | 05/05/25 09:35 | 05/06/25 12:04 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 23.1  | U         | 23.1 | 180        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 30.4  | U         | 30.4 | 180        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 30.0  | U         | 30.0 | 180        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 28.2  | U         | 28.2 | 180        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 26.5  | U         | 26.5 | 180        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 26.4  | U         | 26.4 | 180        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 46.6  | U         | 46.6 | 180        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 28.2  | U         | 28.2 | 180        | ug/Kg             |

### SURROGATES

|            |                      |      |  |                     |     |          |
|------------|----------------------|------|--|---------------------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 86.8 |  | 30 (18) - 130 (112) | 58% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 85.6 |  | 30 (15) - 130 (107) | 57% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 51.1 |  | 30 (18) - 130 (107) | 51% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 48.4 |  | 30 (20) - 130 (109) | 48% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 93.2 |  | 30 (10) - 130 (116) | 62% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 56.0 |  | 30 (10) - 130 (105) | 56% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 250000  | 7.745  |
| 1146-65-2  | Naphthalene-d8         | 885000  | 10.539 |
| 15067-26-2 | Acenaphthene-d10       | 599000  | 14.392 |
| 1517-22-2  | Phenanthrene-d10       | 1240000 | 17.139 |
| 1719-03-5  | Chrysene-d12           | 1190000 | 21.386 |
| 1520-96-3  | Perylene-d12           | 1220000 | 24.374 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                  |      |    |      |       |
|-------------|----------------------------------|------|----|------|-------|
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 190  | AB | 4.87 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                | 830  | J  | 15.6 | ug/Kg |
| 000119-61-9 | Benzophenone                     | 370  | J  | 15.8 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid              | 1300 | J  | 18.0 | ug/Kg |
| 000544-63-8 | Tetradecanoic acid               | 350  | J  | 19.3 | ug/Kg |
| 000295-65-8 | Cyclohexadecane                  | 99.3 | J  | 21.1 | ug/Kg |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-05                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 96.8                         |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050115.D        | 1         | 05/05/25 09:35 | 05/06/25 12:04 | PB167857      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-07                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 95                           |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050116.D        | 1         | 05/05/25 09:35 | 05/06/25 12:44 | PB167857      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 100-52-7       | Benzaldehyde                | 160   | U         | 160  | 350        | ug/Kg             |
| 108-95-2       | Phenol                      | 23.2  | U         | 23.2 | 180        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 25.5  | U         | 25.5 | 180        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 25.6  | U         | 25.6 | 180        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 31.4  | U         | 31.4 | 180        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 39.4  | U         | 39.4 | 180        | ug/Kg             |
| 98-86-2        | Acetophenone                | 31.0  | U         | 31.0 | 180        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 43.2  | U         | 43.2 | 350        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 49.8  | U         | 49.8 | 84.1       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 18.5  | U         | 18.5 | 180        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 19.2  | U         | 19.2 | 180        | ug/Kg             |
| 78-59-1        | Isophorone                  | 34.5  | U         | 34.5 | 180        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 61.2  | U         | 61.2 | 180        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 68.1  | U         | 68.1 | 180        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 32.4  | U         | 32.4 | 180        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 29.7  | U         | 29.7 | 180        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 23.9  | U         | 23.9 | 180        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 37.2  | UQ        | 37.2 | 180        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 26.6  | U         | 26.6 | 180        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 54.8  | U         | 54.8 | 350        | ug/Kg             |
| 59-50-7        | 4-Chloro-3-methylphenol     | 30.2  | U         | 30.2 | 180        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene         | 26.9  | U         | 26.9 | 180        | ug/Kg             |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120  | 350        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol       | 20.8  | U         | 20.8 | 180        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol       | 30.6  | U         | 30.6 | 180        | ug/Kg             |
| 92-52-4        | 1,1-Biphenyl                | 22.9  | U         | 22.9 | 180        | ug/Kg             |
| 91-58-7        | 2-Chloronaphthalene         | 23.6  | U         | 23.6 | 180        | ug/Kg             |
| 88-74-4        | 2-Nitroaniline              | 50.5  | U         | 50.5 | 180        | ug/Kg             |
| 131-11-3       | Dimethylphthalate           | 28.5  | U         | 28.5 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-07                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 95                           |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050116.D        | 1         | 05/05/25 09:35 | 05/06/25 12:44 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 208-96-8   | Acenaphthylene             | 30.4  | U         | 30.4 | 180        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 35.3  | U         | 35.3 | 180        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 48.3  | U         | 48.3 | 180        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 22.4  | U         | 22.4 | 180        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 240   | U         | 240  | 350        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 110   | U         | 110  | 350        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 23.9  | U         | 23.9 | 180        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 52.6  | U         | 52.6 | 180        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 29.7  | U         | 29.7 | 180        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28.1  | U         | 28.1 | 180        | ug/Kg             |
| 86-73-7    | Fluorene                   | 26.6  | U         | 26.6 | 180        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 67.5  | U         | 67.5 | 180        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 110   | U         | 110  | 350        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 34.6  | U         | 34.6 | 180        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29.2  | U         | 29.2 | 180        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 26.6  | U         | 26.6 | 180        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 35.7  | U         | 35.7 | 180        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 53.9  | U         | 53.9 | 350        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 22.0  | U         | 22.0 | 180        | ug/Kg             |
| 120-12-7   | Anthracene                 | 35.0  | U         | 35.0 | 180        | ug/Kg             |
| 86-74-8    | Carbazole                  | 32.8  | U         | 32.8 | 180        | ug/Kg             |
| 84-74-2    | Di-n-butylphthalate        | 50.3  | U         | 50.3 | 180        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 31.5  | U         | 31.5 | 180        | ug/Kg             |
| 129-00-0   | Pyrene                     | 37.8  | U         | 37.8 | 180        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 75.0  | U         | 75.0 | 180        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 38.6  | UQ        | 38.6 | 350        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 24.2  | U         | 24.2 | 180        | ug/Kg             |
| 218-01-9   | Chrysene                   | 20.9  | U         | 20.9 | 180        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 62.2  | U         | 62.2 | 180        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 91.2  | U         | 91.2 | 350        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 20.0  | U         | 20.0 | 180        | ug/Kg             |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-07                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 95                           |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050116.D        | 1         | 05/05/25 09:35 | 05/06/25 12:44 | PB167857      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 207-08-9   | Benzo(k)fluoranthene       | 23.5  | U         | 23.5 | 180        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 31.0  | U         | 31.0 | 180        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 30.6  | U         | 30.6 | 180        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 28.8  | U         | 28.8 | 180        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 27.0  | U         | 27.0 | 180        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 26.9  | U         | 26.9 | 180        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 47.5  | U         | 47.5 | 180        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 28.8  | U         | 28.8 | 180        | ug/Kg             |

### SURROGATES

|            |                      |      |  |                     |     |          |
|------------|----------------------|------|--|---------------------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 80.4 |  | 30 (18) - 130 (112) | 54% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 80.9 |  | 30 (15) - 130 (107) | 54% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 46.7 |  | 30 (18) - 130 (107) | 47% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 46.2 |  | 30 (20) - 130 (109) | 46% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 80.4 |  | 30 (10) - 130 (116) | 54% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 52.8 |  | 30 (10) - 130 (105) | 53% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 281000  | 7.739  |
| 1146-65-2  | Naphthalene-d8         | 1030000 | 10.539 |
| 15067-26-2 | Acenaphthene-d10       | 697000  | 14.392 |
| 1517-22-2  | Phenanthrene-d10       | 1380000 | 17.139 |
| 1719-03-5  | Chrysene-d12           | 1300000 | 21.386 |
| 1520-96-3  | Perylene-d12           | 1340000 | 24.374 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                  |     |    |      |       |
|-------------|----------------------------------|-----|----|------|-------|
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 170 | AB | 4.87 | ug/Kg |
| 000119-61-9 | Benzophenone                     | 210 | J  | 15.8 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid              | 470 | J  | 18.0 | ug/Kg |
| 000057-11-4 | Octadecanoic acid                | 110 | J  | 19.3 | ug/Kg |
| 000295-17-0 | Cyclotetradecane                 | 140 | J  | 21.1 | ug/Kg |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-07                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 95                           |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOC-TCL BNA -20             |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050116.D        | 1         | 05/05/25 09:35 | 05/06/25 12:44 | PB167857      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID                 | Matrix      | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|-------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1938-01</b> | <b>LOWER-WALL-PILE-A</b> | <b>SOIL</b> | SVOC-TCL BNA -20 | 8270E  | <b>05/01/25</b> | 05/05/25  | 05/07/25  | <b>05/01/25</b> |
| <b>Q1938-03</b> | <b>LOWER-WALL-PILE-B</b> | <b>SOIL</b> | SVOC-TCL BNA -20 | 8270E  | <b>05/01/25</b> | 05/05/25  | 05/06/25  | <b>05/01/25</b> |
| <b>Q1938-05</b> | <b>LOWER-WALL-PILE-C</b> | <b>SOIL</b> | SVOC-TCL BNA -20 | 8270E  | <b>05/01/25</b> | 05/05/25  | 05/06/25  | <b>05/01/25</b> |
| <b>Q1938-07</b> | <b>LOWER-WALL-PILE-D</b> | <b>SOIL</b> | SVOC-TCL BNA -20 | 8270E  | <b>05/01/25</b> | 05/05/25  | 05/06/25  | <b>05/01/25</b> |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1938

**Order ID:** Q1938

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**Project ID:** Stan Hope

| Sample ID                     | Client ID            | Matrix | Parameter       | Concentration | C  | MDL  | RDL  | Units |
|-------------------------------|----------------------|--------|-----------------|---------------|----|------|------|-------|
| Client ID : LOWER-WALL-PILE-A |                      |        |                 |               |    |      |      |       |
| Q1938-01                      | LOWER-WALL-PILE SOIL |        | Dieldrin        | 0.38          | J  | 0.15 | 1.80 | ug/kg |
| Q1938-01                      | LOWER-WALL-PILE SOIL |        | Endrin          | 0.28          | JP | 0.15 | 1.80 | ug/kg |
| Q1938-01                      | LOWER-WALL-PILE SOIL |        | alpha-Chlordane | 1.40          | JP | 0.13 | 1.80 | ug/kg |
| Q1938-01                      | LOWER-WALL-PILE SOIL |        | gamma-Chlordane | 0.50          | JP | 0.16 | 1.80 | ug/kg |
| Total Concentration:          |                      |        |                 | 2.560         |    |      |      |       |
| Client ID : LOWER-WALL-PILE-B |                      |        |                 |               |    |      |      |       |
| Q1938-03                      | LOWER-WALL-PILE SOIL |        | Methoxychlor    | 1.10          | JP | 0.38 | 1.80 | ug/kg |
| Q1938-03                      | LOWER-WALL-PILE SOIL |        | alpha-Chlordane | 0.23          | J  | 0.12 | 1.80 | ug/kg |
| Total Concentration:          |                      |        |                 | 1.330         |    |      |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:           | Q1938         |
| Lab Sample ID:     | Q1938-01                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 93.1          |
| Sample Wt/Vol:     | 30.02                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095553.D        | 1         | 05/05/25 08:35 | 05/05/25 20:16 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.42  | U         | 0.42                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.38  | J         | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.28  | JP        | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 1.40  | JP        | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.50  | JP        | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.80  | U         | 5.80                | 35.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 14.3  |           | 30 (20) - 150 (144) | 72%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 17.3  |           | 30 (19) - 150 (148) | 87%        | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LOWER-WALL-PILE-A                     |          | SDG No.:           | Q1938         |           |
| Lab Sample ID:     | Q1938-01                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 93.1          | Decanted: |
| Sample Wt/Vol:     | 30.02                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095553.D        | 1         | 05/05/25 08:35 | 05/05/25 20:16 | PB167854      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:           | Q1938         |
| Lab Sample ID:     | Q1938-03                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 96.6          |
| Sample Wt/Vol:     | 30.08                                 | Units:             | g             |
| Soil Aliquot Vol:  |                                       |                    | uL            |
| Extraction Type:   |                                       | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095568.D        | 1         | 05/05/25 08:35 | 05/06/25 16:55 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.30  | U         | 0.30                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 1.10  | JP        | 0.38                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.38  | U         | 0.38                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.23  | J         | 0.12                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.60  | U         | 5.60                | 34.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.6  |           | 30 (20) - 150 (144) | 83%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.2  |           | 30 (19) - 150 (148) | 91%        | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LOWER-WALL-PILE-B                     |          | SDG No.:           | Q1938         |           |
| Lab Sample ID:     | Q1938-03                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 96.6          | Decanted: |
| Sample Wt/Vol:     | 30.08                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095568.D        | 1         | 05/05/25 08:35 | 05/06/25 16:55 | PB167854      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938         |
| Lab Sample ID:     | Q1938-05                              | Matrix:         | SOIL          |
| Analytical Method: | SW8081                                | % Solid:        | 96.8          |
| Sample Wt/Vol:     | 30.07                                 | Units:          | g             |
| Soil Aliquot Vol:  |                                       |                 | uL            |
| Extraction Type:   |                                       | Test:           | Pesticide-TCL |
| GPC Factor :       | 1.0                                   | PH :            |               |
| Prep Method :      | SW3541B                               | Decanted:       |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095555.D        | 1         | 05/05/25 08:35 | 05/05/25 20:43 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.40  | U         | 0.40                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.30  | U         | 0.30                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.38  | U         | 0.38                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.38  | U         | 0.38                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.12  | U         | 0.12                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.60  | U         | 5.60                | 34.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 17.3  |           | 30 (20) - 150 (144) | 86%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.2  |           | 30 (19) - 150 (148) | 106%       | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LOWER-WALL-PILE-C                     |          | SDG No.:           | Q1938         |           |
| Lab Sample ID:     | Q1938-05                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 96.8          | Decanted: |
| Sample Wt/Vol:     | 30.07                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095555.D        | 1         | 05/05/25 08:35 | 05/05/25 20:43 | PB167854      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |               |
|--------------------|---------------------------------------|--------------------|---------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25      |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25      |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:           | Q1938         |
| Lab Sample ID:     | Q1938-07                              | Matrix:            | SOIL          |
| Analytical Method: | SW8081                                | % Solid:           | 95            |
| Sample Wt/Vol:     | 30.05 Units: g                        | Final Vol:         | 10000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:              | Pesticide-TCL |
| Extraction Type:   |                                       | Injection Volume : |               |
| GPC Factor :       | 1.0                                   | PH :               |               |
| Prep Method :      | SW3541B                               |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095556.D        | 1         | 05/05/25 08:35 | 05/05/25 20:57 | PB167854      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.19  | U         | 0.19                | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.41  | U         | 0.41                | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.30  | U         | 0.30                | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14                | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15                | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.20  | U         | 0.20                | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.39  | U         | 0.39                | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13                | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16                | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.70  | U         | 5.70                | 34.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 17.8  |           | 30 (20) - 150 (144) | 89%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 23.3  |           | 30 (19) - 150 (148) | 117%       | SPK: 20           |

## Report of Analysis

|                    |                                       |          |                    |               |           |
|--------------------|---------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. |          | Date Collected:    | 05/01/25      |           |
| Project:           | Stan Hope                             |          | Date Received:     | 05/01/25      |           |
| Client Sample ID:  | LOWER-WALL-PILE-D                     |          | SDG No.:           | Q1938         |           |
| Lab Sample ID:     | Q1938-07                              |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                |          | % Solid:           | 95            | Decanted: |
| Sample Wt/Vol:     | 30.05                                 | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                       | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                       |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                   | PH :     |                    |               |           |
| Prep Method :      | SW3541B                               |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL095556.D        | 1         | 05/05/25 08:35 | 05/05/25 20:57 | PB167854      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID                 | Matrix       | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1938-01</b> | <b>LOWER-WALL-PILE-A</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-02</b> | <b>LOWER-WALL-PILE-A</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-03</b> | <b>LOWER-WALL-PILE-B</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-04</b> | <b>LOWER-WALL-PILE-B</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-05</b> | <b>LOWER-WALL-PILE-C</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-06</b> | <b>LOWER-WALL-PILE-C</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-07</b> | <b>LOWER-WALL-PILE-D</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-08</b> | <b>LOWER-WALL-PILE-D</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1938

**Order ID:** Q1938

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**Project ID:** Stan Hope

| Sample ID                            | Client ID            | Matrix       | Parameter | Concentration | C    | MDL | RDL  | Units |
|--------------------------------------|----------------------|--------------|-----------|---------------|------|-----|------|-------|
| <b>Client ID : LOWER-WALL-PILE-A</b> |                      |              |           |               |      |     |      |       |
| Q1938-01                             | LOWER-WALL-PILE SOIL | Aroclor-1254 |           | 11.6 J        | 3.40 |     | 18.2 | ug/kg |
| <b>Total Concentration:</b>          |                      |              |           | <b>11.600</b> |      |     |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-01                              | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                               | % Solid:           | 93.1     |
| Sample Wt/Vol:     | 30.02                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | PCB      |
| GPC Factor :       | 1.0                                   | PH :               |          |
| Prep Method :      | SW3541B                               | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071775.D        | 1         | 05/05/25 08:35 | 05/05/25 14:10 | PB167853      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.20  | U         | 4.20                | 18.2       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.30  | U         | 4.30                | 18.2       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.00  | U         | 4.00                | 18.2       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.30  | U         | 4.30                | 18.2       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.40  | U         | 6.40                | 18.2       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 11.6  | J         | 3.40                | 18.2       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.40  | U         | 5.40                | 18.2       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.90  | U         | 3.90                | 18.2       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.50  | U         | 3.50                | 18.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 30 (32) - 150 (144) | 115%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.8  |           | 30 (32) - 150 (175) | 104%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-03                              | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                               | % Solid:           | 96.6     |
| Sample Wt/Vol:     | 30.08                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | PCB      |
| GPC Factor :       | 1.0                                   | PH :               |          |
| Prep Method :      | SW3541B                               | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071776.D        | 1         | 05/05/25 08:35 | 05/05/25 14:26 | PB167853      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.10  | U         | 4.10                | 17.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.20  | U         | 4.20                | 17.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.80  | U         | 3.80                | 17.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.10  | U         | 4.10                | 17.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.10  | U         | 6.10                | 17.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.30  | U         | 3.30                | 17.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.20  | U         | 5.20                | 17.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.70  | U         | 3.70                | 17.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.30  | U         | 3.30                | 17.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.5  |           | 30 (32) - 150 (144) | 107%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |           | 30 (32) - 150 (175) | 101%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-05                              | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                               | % Solid:           | 96.8     |
| Sample Wt/Vol:     | 30.07                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | PCB      |
| GPC Factor :       | 1.0                                   | PH :               |          |
| Prep Method :      | SW3541B                               | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071777.D        | 1         | 05/05/25 08:35 | 05/05/25 14:43 | PB167853      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.10  | U         | 4.10                | 17.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.20  | U         | 4.20                | 17.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.80  | U         | 3.80                | 17.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.10  | U         | 4.10                | 17.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.10  | U         | 6.10                | 17.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.30  | U         | 3.30                | 17.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.20  | U         | 5.20                | 17.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.70  | U         | 3.70                | 17.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.30  | U         | 3.30                | 17.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.9  |           | 30 (32) - 150 (144) | 100%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 18.1  |           | 30 (32) - 150 (175) | 90%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-07                              | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                               | % Solid:           | 95       |
| Sample Wt/Vol:     | 30.05                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | PCB      |
| GPC Factor :       | 1.0                                   | PH :               |          |
| Prep Method :      | SW3541B                               | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071778.D        | 1         | 05/05/25 08:35 | 05/05/25 14:59 | PB167853      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.20  | U         | 4.20                | 17.9       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.20  | U         | 4.20                | 17.9       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.90  | U         | 3.90                | 17.9       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.20  | U         | 4.20                | 17.9       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.20  | U         | 6.20                | 17.9       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.40  | U         | 3.40                | 17.9       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.30  | U         | 5.30                | 17.9       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.80  | U         | 3.80                | 17.9       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.40  | U         | 3.40                | 17.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.4  |           | 30 (32) - 150 (144) | 107%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.0  |           | 30 (32) - 150 (175) | 100%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

|                                                      |                                       |
|------------------------------------------------------|---------------------------------------|
| <b>OrderID:</b> Q1938                                | <b>OrderDate:</b> 5/1/2025 2:05:00 PM |
| <b>Client:</b> Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b> Stan Hope             |
| <b>Contact:</b> Rich Schindelar                      | <b>Location:</b> L41,VOA Ref. #2 Soil |

| LabID    | ClientID          | Matrix | Test   | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------------|--------|--------|--------|-------------|-----------|-----------|----------|
| Q1938-01 | LOWER-WALL-PILE-A | SOIL   | PCB    | 8082A  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        | TPH GC | 8015D  |             | 05/07/25  | 05/07/25  |          |
| Q1938-02 | LOWER-WALL-PILE-A | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        |        |        |             |           |           |          |
| Q1938-03 | LOWER-WALL-PILE-B | SOIL   | PCB    | 8082A  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        | TPH GC | 8015D  |             | 05/07/25  | 05/07/25  |          |
| Q1938-04 | LOWER-WALL-PILE-B | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        |        |        |             |           |           |          |
| Q1938-05 | LOWER-WALL-PILE-C | SOIL   | PCB    | 8082A  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        | TPH GC | 8015D  |             | 05/07/25  | 05/07/25  |          |
| Q1938-06 | LOWER-WALL-PILE-C | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        |        |        |             |           |           |          |
| Q1938-07 | LOWER-WALL-PILE-D | SOIL   | PCB    | 8082A  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        | TPH GC | 8015D  |             | 05/07/25  | 05/07/25  |          |
| Q1938-08 | LOWER-WALL-PILE-D | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
|          |                   |        |        |        |             |           |           |          |



# SAMPLE DATA

A

B

C

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-01                              | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                             | % Solid:           | 93.1     |
| Sample Wt/Vol:     | 30.02                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | TPH GC   |
| GPC Factor :       |                                       | Injection Volume : |          |
| Prep Method :      | SW3541                                |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG015802.D        | 5         | 05/07/25 09:00 | 05/08/25 10:55 | PB167887      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 70700 |           | 2060     | 15300      | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 1.76  |           | 37 - 130 | 44%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-03                              | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                             | % Solid:           | 96.6     |
| Sample Wt/Vol:     | 30.06                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | TPH GC   |
| GPC Factor :       |                                       | Injection Volume : |          |
| Prep Method :      | SW3541                                |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG015793.D        | 1         | 05/07/25 09:00 | 05/07/25 16:11 | PB167887      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 41000 |           | 397      | 2930       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 9.75  |           | 37 - 130 | 49%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-05                              | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                             | % Solid:           | 96.8     |
| Sample Wt/Vol:     | 30.07 Units: g                        | Final Vol:         | 1 mL     |
| Soil Aliquot Vol:  | uL                                    | Test:              | TPH GC   |
| Extraction Type:   |                                       | Injection Volume : |          |
| GPC Factor :       | PH :                                  |                    |          |
| Prep Method :      | SW3541                                |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG015794.D        | 1         | 05/07/25 09:00 | 05/07/25 16:41 | PB167887      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 35800 |           | 396      | 2920       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 9.79  |           | 37 - 130 | 49%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                                       |                    |          |
|--------------------|---------------------------------------|--------------------|----------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected:    | 05/01/25 |
| Project:           | Stan Hope                             | Date Received:     | 05/01/25 |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:           | Q1938    |
| Lab Sample ID:     | Q1938-07                              | Matrix:            | SOIL     |
| Analytical Method: | 8015D TPH                             | % Solid:           | 95       |
| Sample Wt/Vol:     | 30.05                                 | Units:             | g        |
| Soil Aliquot Vol:  |                                       |                    | uL       |
| Extraction Type:   |                                       | Test:              | TPH GC   |
| GPC Factor :       |                                       | Injection Volume : |          |
| Prep Method :      | SW3541                                |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FG015795.D        | 1         | 05/07/25 09:00 | 05/07/25 17:10 | PB167887      |

| CAS Number        | Parameter              | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|------------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                        |       |           |          |            |                   |
| PHC               | Petroleum Hydrocarbons | 18500 |           | 404      | 2980       | ug/kg             |
| <b>SURROGATES</b> |                        |       |           |          |            |                   |
| 16416-32-3        | TETRACOSANE-d50        | 8.34  |           | 37 - 130 | 42%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID                 | Matrix       | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1938-01</b> | <b>LOWER-WALL-PILE-A</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/08/25  |                 |
| <b>Q1938-02</b> | <b>LOWER-WALL-PILE-A</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-03</b> | <b>LOWER-WALL-PILE-B</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-04</b> | <b>LOWER-WALL-PILE-B</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-05</b> | <b>LOWER-WALL-PILE-C</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-06</b> | <b>LOWER-WALL-PILE-C</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |
| <b>Q1938-07</b> | <b>LOWER-WALL-PILE-D</b> | <b>SOIL</b>  |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | PCB           | 8082A  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | Pesticide-TCL | 8081B  |                 | 05/05/25  | 05/05/25  |                 |
|                 |                          |              | TPH GC        | 8015D  |                 | 05/07/25  | 05/07/25  |                 |
| <b>Q1938-08</b> | <b>LOWER-WALL-PILE-D</b> | <b>Solid</b> |               |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |              | EPH_NF        | NJEPH  |                 | 05/05/25  | 05/05/25  |                 |



# SAMPLE DATA

A

B

C

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-02                              | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                                 | % Solid:        | 90.9                         |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF                       |
| Prep Method :      |                                       |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/05/25 09:05 | 05/05/25 17:16  | PB167855      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 18.3  |           | 1        | 1.30 | 2.20       | mg/kg             | FE053647.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.22  | J         | 1        | 1.00 | 4.39       | mg/kg             | FE053647.D |
| Total AliphaticEPH | Total AliphaticEPH | 20.5  |           |          | 2.30 | 6.59       | mg/kg             |            |
| Total EPH          | Total EPH          | 20.5  |           |          | 2.30 | 6.59       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-02                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 90.9                 |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053647.D | 1         | 05/05/25    | 05/05/25        | PB167855      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.22  | J         | 1.00     | 4.39       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 18.3  |           | 1.30     | 2.20       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 21.7  |           | 40 - 140 | 43%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 21.3  |           | 40 - 140 | 43%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |                   |                    |                   |
|-------------------|-------------------|--------------------|-------------------|
| Lab Sample ID:    | Q1938-02          | Acq On:            | 05 May 2025 17:16 |
| Client Sample ID: | LOWER-WALL-PILE-A | Operator:          | YP\AJ             |
| Data file:        | FE053647.D        | Misc:              |                   |
| Instrument:       | FID_E             | ALS Vial:          | 12                |
| Dilution Factor:  | 1                 | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.112  | 6.755  | 447806   | 3.232   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.756  | 10.204 | 613385   | 4.326   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.205 | 13.579 | 892639   | 6.141   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.580 | 17.249 | 2367724  | 16.654  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.250 | 22.140 | 32340925 | 250.609 | 600              | ug/ml |
| Aliphatic EPH             | 3.112  | 22.140 | 36662479 | 280.961 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.864 | 11.864 | 3839115  | 21.29   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.309 | 13.309 | 2928359  | 21.66   |                  | ug/ml |
| Aliphatic C9-C28          | 3.112  | 17.249 | 4321554  | 30.353  | 1200             | ug/ml |

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-04                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 96                   |
| Sample Wt/Vol:     | 30.08      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/05/25 09:05 | 05/05/25 17:46  | PB167855      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 12.2  |           | 1        | 1.23 | 2.08       | mg/kg             | FE053648.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 1.86  | J         | 1        | 0.95 | 4.16       | mg/kg             | FE053648.D |
| Total AliphaticEPH | Total AliphaticEPH | 14.1  |           |          | 2.17 | 6.24       | mg/kg             |            |
| Total EPH          | Total EPH          | 14.1  |           |          | 2.17 | 6.24       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-04                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 96                   |
| Sample Wt/Vol:     | 30.08      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053648.D | 1         | 05/05/25    | 05/05/25        | PB167855      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 1.86  | J         | 0.95     | 4.16       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 12.2  |           | 1.23     | 2.08       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 26.3  |           | 40 - 140 | 53%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 25.4  |           | 40 - 140 | 51%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |                   |                    |                   |
|-------------------|-------------------|--------------------|-------------------|
| Lab Sample ID:    | Q1938-04          | Acq On:            | 05 May 2025 17:46 |
| Client Sample ID: | LOWER-WALL-PILE-B | Operator:          | YP\AJ             |
| Data file:        | FE053648.D        | Misc:              |                   |
| Instrument:       | FID_E             | ALS Vial:          | 13                |
| Dilution Factor:  | 1                 | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.112  | 6.755  | 235842   | 1.702   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.756  | 10.204 | 623527   | 4.397   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.205 | 13.579 | 836553   | 5.755   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.580 | 17.249 | 2391438  | 16.82   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.250 | 22.140 | 22651517 | 175.526 | 600              | ug/ml |
| Aliphatic EPH             | 3.112  | 22.140 | 26738877 | 204.201 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.864 | 11.864 | 4578716  | 25.39   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.309 | 13.309 | 3551166  | 26.27   |                  | ug/ml |
| Aliphatic C9-C28          | 3.112  | 17.249 | 4087360  | 28.674  | 1200             | ug/ml |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-06                              | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                                 | % Solid:        | 97.6                         |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF                       |
| Prep Method :      |                                       |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/05/25 09:05 | 05/05/25 18:16  | PB167855      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 8.07  |           | 1        | 1.21 | 2.05       | mg/kg             | FE053649.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.93  | U         | 1        | 0.93 | 4.08       | mg/kg             | FE053649.D |
| Total AliphaticEPH | Total AliphaticEPH | 8.07  |           |          | 2.14 | 6.13       | mg/kg             |            |
| Total EPH          | Total EPH          | 8.07  |           |          | 2.14 | 6.13       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-06                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 97.6                 |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053649.D | 1         | 05/05/25    | 05/05/25        | PB167855      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.93  | U         | 0.93     | 4.08       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 8.07  |           | 1.21     | 2.05       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 29.5  |           | 40 - 140 | 59%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 30.1  |           | 40 - 140 | 60%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |                   |                    |                   |
|-------------------|-------------------|--------------------|-------------------|
| Lab Sample ID:    | Q1938-06          | Acq On:            | 05 May 2025 18:16 |
| Client Sample ID: | LOWER-WALL-PILE-C | Operator:          | YP\AJ             |
| Data file:        | FE053649.D        | Misc:              |                   |
| Instrument:       | FID_E             | ALS Vial:          | 14                |
| Dilution Factor:  | 1                 | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.112  | 6.755  | 250346   | 1.807   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.756  | 10.204 | 659968   | 4.654   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.205 | 13.579 | 464130   | 3.193   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.580 | 17.249 | 1128241  | 7.936   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.250 | 22.140 | 15284852 | 118.442 | 600              | ug/ml |
| Aliphatic EPH             | 3.112  | 22.140 | 17787537 | 136.031 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.865 | 11.865 | 5422784  | 30.07   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.310 | 13.310 | 3983700  | 29.47   |                  | ug/ml |
| Aliphatic C9-C28          | 3.112  | 17.249 | 2502685  | 17.59   | 1200             | ug/ml |

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                        |
| Lab Sample ID:     | Q1938-08                              | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                                 | % Solid:        | 94.7                         |
| Sample Wt/Vol:     | 30.02      Units:    g                | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF                       |
| Prep Method :      |                                       |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/05/25 09:05 | 05/05/25 18:46  | PB167855      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 5.80  |           | 1        | 1.25 | 2.11       | mg/kg             | FE053650.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.96  | U         | 1        | 0.96 | 4.23       | mg/kg             | FE053650.D |
| Total AliphaticEPH | Total AliphaticEPH | 5.80  | J         |          | 2.21 | 6.34       | mg/kg             |            |
| Total EPH          | Total EPH          | 5.80  | J         |          | 2.21 | 6.34       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938                |
| Lab Sample ID:     | Q1938-08                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 94.7                 |
| Sample Wt/Vol:     | 30.02      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053650.D | 1         | 05/05/25    | 05/05/25        | PB167855      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.96  | U         | 0.96     | 4.23       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 5.80  |           | 1.25     | 2.11       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 33.7  |           | 40 - 140 | 67%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 33.6  |           | 40 - 140 | 67%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |                   |                    |                   |
|-------------------|-------------------|--------------------|-------------------|
| Lab Sample ID:    | Q1938-08          | Acq On:            | 05 May 2025 18:46 |
| Client Sample ID: | LOWER-WALL-PILE-D | Operator:          | YP\AJ             |
| Data file:        | FE053650.D        | Misc:              |                   |
| Instrument:       | FID_E             | ALS Vial:          | 15                |
| Dilution Factor:  | 1                 | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aliphatic C9-C12          | 3.112  | 6.755  | 237373   | 1.713  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.756  | 10.204 | 737932   | 5.204  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.205 | 13.579 | 465027   | 3.199  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.580 | 17.249 | 904045   | 6.359  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.250 | 22.140 | 10638233 | 82.435 | 600              | ug/ml |
| Aliphatic EPH             | 3.112  | 22.140 | 12982610 | 98.91  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.865 | 11.865 | 6066208  | 33.63  |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.310 | 13.310 | 4555624  | 33.7   |                  | ug/ml |
| Aliphatic C9-C28          | 3.112  | 17.249 | 2344377  | 16.475 | 1200             | ug/ml |

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID    | ClientID          | Matrix | Test   | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------------|--------|--------|--------|-------------|-----------|-----------|----------|
| Q1938-01 | LOWER-WALL-PILE-A | SOIL   | TPH GC | 8015D  | 05/01/25    | 05/07/25  | 05/07/25  | 05/01/25 |
| Q1938-02 | LOWER-WALL-PILE-A | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
| Q1938-03 | LOWER-WALL-PILE-B | SOIL   | TPH GC | 8015D  | 05/01/25    | 05/07/25  | 05/07/25  | 05/01/25 |
| Q1938-04 | LOWER-WALL-PILE-B | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
| Q1938-05 | LOWER-WALL-PILE-C | SOIL   | TPH GC | 8015D  | 05/01/25    | 05/07/25  | 05/07/25  | 05/01/25 |
| Q1938-06 | LOWER-WALL-PILE-C | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |
| Q1938-07 | LOWER-WALL-PILE-D | SOIL   | TPH GC | 8015D  | 05/01/25    | 05/07/25  | 05/07/25  | 05/01/25 |
| Q1938-08 | LOWER-WALL-PILE-D | Solid  | EPH_NF | NJEPH  | 05/01/25    | 05/05/25  | 05/05/25  | 05/01/25 |

### Hit Summary Sheet SW-846

**SDG No.:** Q1938 **Order ID:** Q1938  
**Client:** Saxton Falls Sand and Gravel Co. Inc. **Project ID:** Stan Hope

| Sample ID                            | Client ID         | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|--------------------------------------|-------------------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : LOWER-WALL-PILE-A</b> |                   |        |           |               |   |        |       |       |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Aluminum  | 7060          |   | 0.76   | 4.51  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Arsenic   | 2.94          |   | 0.17   | 0.90  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Barium    | 37.8          |   | 0.66   | 4.51  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Beryllium | 0.73          |   | 0.023  | 0.27  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Cadmium   | 0.32          |   | 0.022  | 0.27  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Calcium   | 4060          |   | 10.0   | 90.3  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Chromium  | 7.96          |   | 0.042  | 0.45  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Cobalt    | 5.97          |   | 0.090  | 1.35  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Copper    | 22.1          |   | 0.20   | 0.90  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Iron      | 13600         |   | 3.60   | 4.51  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Lead      | 23.1          |   | 0.12   | 0.54  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Magnesium | 1950          |   | 10.8   | 90.3  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Manganese | 289           |   | 0.13   | 0.90  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Mercury   | 0.042         |   | 0.0070 | 0.013 | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Nickel    | 9.91          |   | 0.12   | 1.81  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Potassium | 499           |   | 25.0   | 90.3  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Sodium    | 75.7          | J | 16.1   | 90.3  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Thallium  | 0.35          | J | 0.21   | 1.81  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Vanadium  | 16.4          |   | 0.23   | 1.81  | mg/Kg |
| Q1938-01                             | LOWER-WALL-PILE-A | SOIL   | Zinc      | 71.2          |   | 0.21   | 1.81  | mg/Kg |
| <b>Client ID : LOWER-WALL-PILE-B</b> |                   |        |           |               |   |        |       |       |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Aluminum  | 5480          |   | 0.82   | 4.86  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Arsenic   | 2.47          |   | 0.19   | 0.97  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Barium    | 33.8          |   | 0.71   | 4.86  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Beryllium | 0.78          |   | 0.024  | 0.29  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Cadmium   | 0.43          |   | 0.023  | 0.29  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Calcium   | 10300         |   | 10.8   | 97.2  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Chromium  | 5.52          |   | 0.046  | 0.49  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Cobalt    | 7.73          |   | 0.097  | 1.46  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Copper    | 25.7          |   | 0.21   | 0.97  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Iron      | 15900         |   | 3.88   | 4.86  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Lead      | 7.56          |   | 0.13   | 0.58  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Magnesium | 2490          |   | 11.7   | 97.2  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Manganese | 285           |   | 0.14   | 0.97  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Mercury   | 0.034         |   | 0.0070 | 0.013 | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Nickel    | 9.15          |   | 0.13   | 1.94  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Potassium | 594           |   | 26.9   | 97.2  | mg/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1938

**Order ID:** Q1938

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**Project ID:** Stan Hope

| Sample ID                            | Client ID         | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|--------------------------------------|-------------------|--------|-----------|---------------|---|--------|-------|-------|
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Sodium    | 98.5          |   | 17.3   | 97.2  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Vanadium  | 11.9          |   | 0.24   | 1.94  | mg/Kg |
| Q1938-03                             | LOWER-WALL-PILE-B | SOIL   | Zinc      | 40.8          |   | 0.22   | 1.94  | mg/Kg |
| <b>Client ID : LOWER-WALL-PILE-C</b> |                   |        |           |               |   |        |       |       |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Aluminum  | 10700         |   | 0.74   | 4.41  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Arsenic   | 3.90          |   | 0.17   | 0.88  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Barium    | 51.0          |   | 0.65   | 4.41  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Beryllium | 0.83          |   | 0.022  | 0.27  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Cadmium   | 0.27          |   | 0.021  | 0.27  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Calcium   | 1900          |   | 9.80   | 88.3  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Chromium  | 8.93          |   | 0.041  | 0.44  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Cobalt    | 7.65          |   | 0.088  | 1.32  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Copper    | 22.7          |   | 0.19   | 0.88  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Iron      | 16300         |   | 3.52   | 4.41  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Lead      | 22.9          |   | 0.12   | 0.53  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Magnesium | 1690          |   | 10.6   | 88.3  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Manganese | 345           |   | 0.12   | 0.88  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Mercury   | 0.064         |   | 0.0080 | 0.014 | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Nickel    | 9.97          |   | 0.12   | 1.77  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Potassium | 359           |   | 24.5   | 88.3  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Sodium    | 44.4          | J | 15.7   | 88.3  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Thallium  | 0.48          | J | 0.20   | 1.77  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Vanadium  | 19.3          |   | 0.22   | 1.77  | mg/Kg |
| Q1938-05                             | LOWER-WALL-PILE-C | SOIL   | Zinc      | 47.7          |   | 0.20   | 1.77  | mg/Kg |
| <b>Client ID : LOWER-WALL-PILE-D</b> |                   |        |           |               |   |        |       |       |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Aluminum  | 4730          |   | 0.73   | 4.33  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Arsenic   | 2.11          |   | 0.17   | 0.87  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Barium    | 29.3          |   | 0.63   | 4.33  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Beryllium | 0.67          |   | 0.022  | 0.26  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Cadmium   | 0.26          |   | 0.021  | 0.26  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Calcium   | 9570          |   | 9.62   | 86.6  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Chromium  | 4.19          |   | 0.041  | 0.43  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Cobalt    | 8.21          |   | 0.087  | 1.30  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Copper    | 25.1          |   | 0.19   | 0.87  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Iron      | 16800         |   | 3.46   | 4.33  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Lead      | 7.57          |   | 0.11   | 0.52  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Magnesium | 1780          |   | 10.4   | 86.6  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Manganese | 262           |   | 0.12   | 0.87  | mg/Kg |
| Q1938-07                             | LOWER-WALL-PILE-D | SOIL   | Mercury   | 0.031         |   | 0.0080 | 0.014 | mg/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1938

**Order ID:** Q1938

**Client:** Saxton Falls Sand and Gravel Co. Inc.

**Project ID:** Stan Hope

| Sample ID | Client ID         | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-----------|-------------------|--------|-----------|---------------|---|------|------|-------|
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Nickel    | 8.93          |   | 0.11 | 1.73 | mg/Kg |
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Potassium | 542           |   | 24.0 | 86.6 | mg/Kg |
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Sodium    | 80.2          | J | 15.4 | 86.6 | mg/Kg |
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Thallium  | 0.22          | J | 0.20 | 1.73 | mg/Kg |
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Vanadium  | 8.80          |   | 0.22 | 1.73 | mg/Kg |
| Q1938-07  | LOWER-WALL-PILE-D | SOIL   | Zinc      | 33.9          |   | 0.20 | 1.73 | mg/Kg |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25 |
| Client Sample ID: | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938    |
| Lab Sample ID:    | Q1938-01                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 93.1     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 7060  |      | 1  | 0.76   | 4.51       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.20  | UN   | 1  | 0.20   | 2.26       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 2.94  |      | 1  | 0.17   | 0.90       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 37.8  | N    | 1  | 0.66   | 4.51       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.73  |      | 1  | 0.023  | 0.27       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.32  |      | 1  | 0.022  | 0.27       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 4060  | *    | 1  | 10.0   | 90.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 7.96  |      | 1  | 0.042  | 0.45       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 5.97  |      | 1  | 0.090  | 1.35       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 22.1  | N    | 1  | 0.20   | 0.90       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 13600 |      | 1  | 3.60   | 4.51       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 23.1  |      | 1  | 0.12   | 0.54       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1950  |      | 1  | 10.8   | 90.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 289   |      | 1  | 0.13   | 0.90       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.042 |      | 1  | 0.0070 | 0.013      | mg/Kg             | 05/05/25 14:40 | 05/06/25 11:25 | SW7471B  |           |
| 7440-02-0 | Nickel    | 9.91  |      | 1  | 0.12   | 1.81       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 499   | N    | 1  | 25.0   | 90.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.24  | U    | 1  | 0.24   | 0.90       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.11  | U    | 1  | 0.11   | 0.45       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 75.7  | J    | 1  | 16.1   | 90.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.35  | J    | 1  | 0.21   | 1.81       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 16.4  |      | 1  | 0.23   | 1.81       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 71.2  |      | 1  | 0.21   | 1.81       | mg/Kg             | 05/05/25 10:15 | 05/09/25 16:57 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | TCL+30/TAL |                 |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25 |
| Client Sample ID: | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938    |
| Lab Sample ID:    | Q1938-03                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 96.6     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 5480  |      | 1  | 0.82   | 4.86       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.21  | UN   | 1  | 0.21   | 2.43       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 2.47  |      | 1  | 0.19   | 0.97       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 33.8  | N    | 1  | 0.71   | 4.86       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.78  |      | 1  | 0.024  | 0.29       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.43  |      | 1  | 0.023  | 0.29       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 10300 | *    | 1  | 10.8   | 97.2       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 5.52  |      | 1  | 0.046  | 0.49       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 7.73  |      | 1  | 0.097  | 1.46       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 25.7  | N    | 1  | 0.21   | 0.97       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 15900 |      | 1  | 3.88   | 4.86       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 7.56  |      | 1  | 0.13   | 0.58       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 2490  |      | 1  | 11.7   | 97.2       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 285   |      | 1  | 0.14   | 0.97       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.034 |      | 1  | 0.0070 | 0.013      | mg/Kg             | 05/05/25 14:40 | 05/06/25 11:28 | SW7471B  |           |
| 7440-02-0 | Nickel    | 9.15  |      | 1  | 0.13   | 1.94       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 594   | N    | 1  | 26.9   | 97.2       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.25  | U    | 1  | 0.25   | 0.97       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.12  | U    | 1  | 0.12   | 0.49       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 98.5  |      | 1  | 17.3   | 97.2       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.22  | U    | 1  | 0.22   | 1.94       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 11.9  |      | 1  | 0.24   | 1.94       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 40.8  |      | 1  | 0.22   | 1.94       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:01 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | TCL+30/TAL |                 |            |        |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25 |
| Client Sample ID: | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938    |
| Lab Sample ID:    | Q1938-05                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 96.8     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 10700 |      | 1  | 0.74   | 4.41       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.19  | UN   | 1  | 0.19   | 2.21       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 3.90  |      | 1  | 0.17   | 0.88       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 51.0  | N    | 1  | 0.65   | 4.41       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.83  |      | 1  | 0.022  | 0.27       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.27  |      | 1  | 0.021  | 0.27       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 1900  | *    | 1  | 9.80   | 88.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 8.93  |      | 1  | 0.041  | 0.44       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 7.65  |      | 1  | 0.088  | 1.32       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 22.7  | N    | 1  | 0.19   | 0.88       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 16300 |      | 1  | 3.52   | 4.41       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 22.9  |      | 1  | 0.12   | 0.53       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1690  |      | 1  | 10.6   | 88.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 345   |      | 1  | 0.12   | 0.88       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.064 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 05/05/25 14:40 | 05/06/25 11:35 | SW7471B  |           |
| 7440-02-0 | Nickel    | 9.97  |      | 1  | 0.12   | 1.77       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 359   | N    | 1  | 24.5   | 88.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.23  | U    | 1  | 0.23   | 0.88       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.11  | U    | 1  | 0.11   | 0.44       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 44.4  | J    | 1  | 15.7   | 88.3       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.48  | J    | 1  | 0.20   | 1.77       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 19.3  |      | 1  | 0.22   | 1.77       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 47.7  |      | 1  | 0.20   | 1.77       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:05 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | TCL+30/TAL |                 |            |        |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25 |
| Client Sample ID: | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938    |
| Lab Sample ID:    | Q1938-07                              | Matrix:         | SOIL     |
| Level (low/med):  | low                                   | % Solid:        | 95       |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 4730  |      | 1  | 0.73   | 4.33       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-36-0 | Antimony  | 0.19  | UN   | 1  | 0.19   | 2.17       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic   | 2.11  |      | 1  | 0.17   | 0.87       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 29.3  | N    | 1  | 0.63   | 4.33       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium | 0.67  |      | 1  | 0.022  | 0.26       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 0.26  |      | 1  | 0.021  | 0.26       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-70-2 | Calcium   | 9570  | *    | 1  | 9.62   | 86.6       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 4.19  |      | 1  | 0.041  | 0.43       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt    | 8.21  |      | 1  | 0.087  | 1.30       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-50-8 | Copper    | 25.1  | N    | 1  | 0.19   | 0.87       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7439-89-6 | Iron      | 16800 |      | 1  | 3.46   | 4.33       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 7.57  |      | 1  | 0.11   | 0.52       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7439-95-4 | Magnesium | 1780  |      | 1  | 10.4   | 86.6       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7439-96-5 | Manganese | 262   |      | 1  | 0.12   | 0.87       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.031 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 05/05/25 14:40 | 05/06/25 11:37 | SW7471B  |           |
| 7440-02-0 | Nickel    | 8.93  |      | 1  | 0.11   | 1.73       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-09-7 | Potassium | 542   | N    | 1  | 24.0   | 86.6       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7782-49-2 | Selenium  | 0.23  | U    | 1  | 0.23   | 0.87       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 0.10  | U    | 1  | 0.10   | 0.43       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-23-5 | Sodium    | 80.2  | J    | 1  | 15.4   | 86.6       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-28-0 | Thallium  | 0.22  | J    | 1  | 0.20   | 1.73       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium  | 8.80  |      | 1  | 0.22   | 1.73       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |
| 7440-66-6 | Zinc      | 33.9  |      | 1  | 0.20   | 1.73       | mg/Kg             | 05/05/25 10:15 | 05/09/25 17:09 | SW6010   | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | TCL+30/TAL |                 |            |        |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID                 | Matrix      | Test           | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------------|-------------|----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1938-01</b> | <b>LOWER-WALL-PILE-A</b> | <b>SOIL</b> |                |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |             | Mercury        | 7471B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |             | Metals ICP-TAL | 6010D  |                 | 05/05/25  | 05/09/25  |                 |
| <b>Q1938-03</b> | <b>LOWER-WALL-PILE-B</b> | <b>SOIL</b> |                |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |             | Mercury        | 7471B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |             | Metals ICP-TAL | 6010D  |                 | 05/05/25  | 05/09/25  |                 |
| <b>Q1938-05</b> | <b>LOWER-WALL-PILE-C</b> | <b>SOIL</b> |                |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |             | Mercury        | 7471B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |             | Metals ICP-TAL | 6010D  |                 | 05/05/25  | 05/09/25  |                 |
| <b>Q1938-07</b> | <b>LOWER-WALL-PILE-D</b> | <b>SOIL</b> |                |        | <b>05/01/25</b> |           |           | <b>05/01/25</b> |
|                 |                          |             | Mercury        | 7471B  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                          |             | Metals ICP-TAL | 6010D  |                 | 05/05/25  | 05/09/25  |                 |



# SAMPLE DATA

A

B

C

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 12:50 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25       |
| Client Sample ID: | LOWER-WALL-PILE-A                     | SDG No.:        | Q1938          |
| Lab Sample ID:    | Q1938-01                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 93.1           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|
| Cyanide             | 0.059 | J    | 1  | 0.043 | 0.26       | mg/Kg             | 05/06/25 11:00 | 05/07/25 11:22 | 9012B    |
| Hexavalent Chromium | 0.073 | U    | 1  | 0.073 | 0.42       | mg/Kg             | 05/06/25 09:00 | 05/06/25 12:14 | 7196A    |
| Trivalent Chromium  | 7.96  |      | 1  | 0.54  | 0.54       | mg/Kg             |                | 05/09/25 16:57 | 6010D    |

Comments: \_\_\_\_\_

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 13:00 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25       |
| Client Sample ID: | LOWER-WALL-PILE-B                     | SDG No.:        | Q1938          |
| Lab Sample ID:    | Q1938-03                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 96.6           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|
| Cyanide             | 0.17  | J    | 1  | 0.043 | 0.26       | mg/Kg             | 05/06/25 11:00 | 05/07/25 11:22 | 9012B    |
| Hexavalent Chromium | 0.071 | U    | 1  | 0.071 | 0.41       | mg/Kg             | 05/06/25 09:00 | 05/06/25 12:15 | 7196A    |
| Trivalent Chromium  | 5.52  |      | 1  | 0.52  | 0.52       | mg/Kg             |                | 05/09/25 17:01 | 6010D    |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 13:12 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25       |
| Client Sample ID: | LOWER-WALL-PILE-C                     | SDG No.:        | Q1938          |
| Lab Sample ID:    | Q1938-05                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 96.8           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|
| Cyanide             | 0.11  | J    | 1  | 0.042 | 0.25       | mg/Kg             | 05/06/25 11:00 | 05/07/25 11:22 | 9012B    |
| Hexavalent Chromium | 0.070 | U    | 1  | 0.070 | 0.40       | mg/Kg             | 05/06/25 09:00 | 05/06/25 12:16 | 7196A    |
| Trivalent Chromium  | 8.93  |      | 1  | 0.52  | 0.52       | mg/Kg             |                | 05/09/25 17:05 | 6010D    |

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25 13:20 |
| Project:          | Stan Hope                             | Date Received:  | 05/01/25       |
| Client Sample ID: | LOWER-WALL-PILE-D                     | SDG No.:        | Q1938          |
| Lab Sample ID:    | Q1938-07                              | Matrix:         | SOIL           |
|                   |                                       | % Solid:        | 95             |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------|
| Cyanide             | 0.074 | J    | 1  | 0.044 | 0.26       | mg/Kg             | 05/06/25 11:00 | 05/07/25 11:29 | 9012B    |
| Hexavalent Chromium | 0.073 | U    | 1  | 0.073 | 0.42       | mg/Kg             | 05/06/25 09:00 | 05/06/25 12:17 | 7196A    |
| Trivalent Chromium  | 4.19  |      | 1  | 0.53  | 0.53       | mg/Kg             |                | 05/09/25 17:09 | 6010D    |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                                       |                   |                      |
|-----------------|---------------------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1938                                 | <b>OrderDate:</b> | 5/1/2025 2:05:00 PM  |
| <b>Client:</b>  | Saxton Falls Sand and Gravel Co. Inc. | <b>Project:</b>   | Stan Hope            |
| <b>Contact:</b> | Rich Schindelar                       | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID                 | Matrix      | Test                | Method | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|--------------------------|-------------|---------------------|--------|---------------------------|-----------|-------------------|-----------------|
| <b>Q1938-01</b> | <b>LOWER-WALL-PILE-A</b> | <b>SOIL</b> |                     |        | <b>05/01/25<br/>12:50</b> |           |                   | <b>05/01/25</b> |
|                 |                          |             | Cyanide             | 9012B  |                           | 05/06/25  | 05/07/25<br>11:22 |                 |
|                 |                          |             | Hexavalent Chromium | 7196A  |                           | 05/06/25  | 05/06/25<br>12:14 |                 |
|                 |                          |             | Trivalent Chromium  | 6010D  |                           |           | 05/09/25<br>16:57 |                 |
| <b>Q1938-03</b> | <b>LOWER-WALL-PILE-B</b> | <b>SOIL</b> |                     |        | <b>05/01/25<br/>13:00</b> |           |                   | <b>05/01/25</b> |
|                 |                          |             | Cyanide             | 9012B  |                           | 05/06/25  | 05/07/25<br>11:22 |                 |
|                 |                          |             | Hexavalent Chromium | 7196A  |                           | 05/06/25  | 05/06/25<br>12:15 |                 |
|                 |                          |             | Trivalent Chromium  | 6010D  |                           |           | 05/09/25<br>17:01 |                 |
| <b>Q1938-05</b> | <b>LOWER-WALL-PILE-C</b> | <b>SOIL</b> |                     |        | <b>05/01/25<br/>13:12</b> |           |                   | <b>05/01/25</b> |
|                 |                          |             | Cyanide             | 9012B  |                           | 05/06/25  | 05/07/25<br>11:22 |                 |
|                 |                          |             | Hexavalent Chromium | 7196A  |                           | 05/06/25  | 05/06/25<br>12:16 |                 |
|                 |                          |             | Trivalent Chromium  | 6010D  |                           |           | 05/09/25<br>17:05 |                 |
| <b>Q1938-07</b> | <b>LOWER-WALL-PILE-D</b> | <b>SOIL</b> |                     |        | <b>05/01/25<br/>13:20</b> |           |                   | <b>05/01/25</b> |
|                 |                          |             | Cyanide             | 9012B  |                           | 05/06/25  | 05/07/25<br>11:29 |                 |
|                 |                          |             | Hexavalent Chromium | 7196A  |                           | 05/06/25  | 05/06/25<br>12:17 |                 |

---

**LAB CHRONICLE**

Trivalent Chromium

6010D

05/09/25  
17:09

A

C