

### Hit Summary Sheet SW-846

**SDG No.:** Q1194

**Order ID:** Q1194

**Client:** Portal Partners Tri-Venture

**Project ID:** Amtrak Sawtooth Bridges 2025

| Sample ID                     | Client ID  | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|-------------------------------|------------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : B-110-SB01</b> |            |        |           |               |   |        |       |       |
| Q1194-01                      | B-110-SB01 | SOIL   | Aluminum  | 5220          |   | 2.31   | 4.80  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Arsenic   | 1.82          |   | 0.28   | 0.96  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Barium    | 49.5          |   | 0.61   | 4.80  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Beryllium | 0.55          |   | 0.012  | 0.29  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Cadmium   | 0.24          | J | 0.015  | 0.29  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Calcium   | 1530          |   | 2.69   | 96.0  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Chromium  | 14.7          |   | 0.052  | 0.48  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Cobalt    | 5.56          |   | 0.056  | 1.44  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Copper    | 14.8          |   | 0.45   | 0.96  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Iron      | 9370          |   | 2.58   | 4.80  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Lead      | 7.05          |   | 0.14   | 0.58  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Magnesium | 2350          |   | 3.29   | 96.0  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Manganese | 276           |   | 0.068  | 0.96  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Mercury   | 0.027         |   | 0.0070 | 0.015 | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Nickel    | 12.8          |   | 0.086  | 1.92  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Potassium | 867           |   | 27.5   | 96.0  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Sodium    | 140           |   | 34.6   | 96.0  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Thallium  | 0.72          | J | 0.42   | 1.92  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Vanadium  | 8.80          |   | 0.26   | 1.92  | mg/Kg |
| Q1194-01                      | B-110-SB01 | SOIL   | Zinc      | 29.6          |   | 0.11   | 1.92  | mg/Kg |
| <b>Client ID : B-110-SB02</b> |            |        |           |               |   |        |       |       |
| Q1194-02                      | B-110-SB02 | SOIL   | Aluminum  | 9270          |   | 3.52   | 7.31  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Arsenic   | 77.8          |   | 0.42   | 1.46  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Barium    | 80.4          |   | 0.94   | 7.31  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Beryllium | 1.08          |   | 0.018  | 0.44  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Cadmium   | 1.32          |   | 0.023  | 0.44  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Calcium   | 1780          |   | 4.09   | 146   | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Chromium  | 109           |   | 0.079  | 0.73  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Cobalt    | 8.93          |   | 0.085  | 2.19  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Copper    | 229           |   | 0.69   | 1.46  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Iron      | 17400         |   | 3.93   | 7.31  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Lead      | 330           |   | 0.22   | 0.88  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Magnesium | 3340          |   | 5.01   | 146   | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Manganese | 165           |   | 0.10   | 1.46  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Mercury   | 7.52          | D | 0.097  | 0.22  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Nickel    | 28.6          |   | 0.13   | 2.92  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Potassium | 1230          |   | 42.0   | 146   | mg/Kg |

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|-------------------------------|------------|--------|-----------|---------------|---|--------|-------|-------|
| Q1194-02                      | B-110-SB02 | SOIL   | Silver    | 1.15          |   | 0.076  | 0.73  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Sodium    | 649           |   | 52.8   | 146   | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Thallium  | 0.67          | J | 0.64   | 2.92  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Vanadium  | 24.2          |   | 0.40   | 2.92  | mg/Kg |
| Q1194-02                      | B-110-SB02 | SOIL   | Zinc      | 385           |   | 0.16   | 2.92  | mg/Kg |
| <b>Client ID : B-113-SB01</b> |            |        |           |               |   |        |       |       |
| Q1194-03                      | B-113-SB01 | SOIL   | Aluminum  | 4370          |   | 2.44   | 5.07  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Arsenic   | 0.86          | J | 0.29   | 1.01  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Barium    | 31.0          |   | 0.65   | 5.07  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Beryllium | 0.41          |   | 0.012  | 0.30  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Cadmium   | 0.13          | J | 0.016  | 0.30  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Calcium   | 1170          |   | 2.84   | 101   | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Chromium  | 9.71          |   | 0.055  | 0.51  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Cobalt    | 5.67          |   | 0.059  | 1.52  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Copper    | 18.0          |   | 0.48   | 1.01  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Iron      | 6540          |   | 2.73   | 5.07  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Lead      | 4.96          |   | 0.15   | 0.61  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Magnesium | 2630          |   | 3.48   | 101   | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Manganese | 249           |   | 0.072  | 1.01  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Nickel    | 12.6          |   | 0.091  | 2.03  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Potassium | 1250          |   | 29.1   | 101   | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Sodium    | 213           |   | 36.6   | 101   | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Vanadium  | 8.50          |   | 0.27   | 2.03  | mg/Kg |
| Q1194-03                      | B-113-SB01 | SOIL   | Zinc      | 23.9          |   | 0.11   | 2.03  | mg/Kg |
| <b>Client ID : B-113-SB02</b> |            |        |           |               |   |        |       |       |
| Q1194-04                      | B-113-SB02 | SOIL   | Aluminum  | 10400         |   | 3.39   | 7.03  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Arsenic   | 7.87          |   | 0.41   | 1.41  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Barium    | 28.3          |   | 0.90   | 7.03  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Beryllium | 0.89          |   | 0.017  | 0.42  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Cadmium   | 0.40          | J | 0.022  | 0.42  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Calcium   | 1530          |   | 3.93   | 141   | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Chromium  | 24.2          |   | 0.076  | 0.70  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Cobalt    | 12.7          |   | 0.081  | 2.11  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Copper    | 16.0          |   | 0.66   | 1.41  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Iron      | 27100         |   | 3.78   | 7.03  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Lead      | 14.3          |   | 0.21   | 0.84  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Magnesium | 5000          |   | 4.82   | 141   | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Manganese | 330           |   | 0.10   | 1.41  | mg/Kg |
| Q1194-04                      | B-113-SB02 | SOIL   | Mercury   | 0.033         |   | 0.0090 | 0.019 | mg/Kg |

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|-----------|------------|--------|-----------|---------------|---|-------|------|-------|
| Q1194-04  | B-113-SB02 | SOIL   | Nickel    | 26.3          |   | 0.13  | 2.81 | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Potassium | 1980          |   | 40.3  | 141  | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Silver    | 0.15          | J | 0.073 | 0.70 | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Sodium    | 940           |   | 50.7  | 141  | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Thallium  | 0.64          | J | 0.62  | 2.81 | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Vanadium  | 26.2          |   | 0.38  | 2.81 | mg/Kg |
| Q1194-04  | B-113-SB02 | SOIL   | Zinc      | 62.0          |   | 0.16  | 2.81 | mg/Kg |

**Client ID :** EB

|          |    |       |           |      |   |      |      |      |
|----------|----|-------|-----------|------|---|------|------|------|
| Q1194-08 | EB | Water | Manganese | 21.3 |   | 1.46 | 10.0 | ug/L |
| Q1194-08 | EB | Water | Silver    | 0.72 | J | 0.58 | 5.00 | ug/L |