

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Saxton Falls Sand and Gravel Co. Inc. **Level:** LOW **SDG No.:** Q1937  
**Contract:** SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937  
**Matrix:** Solid **Sample ID:** Q1936-01 **Client ID:** SMALL-PILE-ADUP  
**Percent Solids for Sample:** 90.8 **Duplicate ID** Q1936-01DUP **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.014            | U | 0.013               | U |     |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Saxton Falls Sand and Gravel Co. Inc. **Level:** LOW **SDG No.:** Q1937  
**Contract:** SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937  
**Matrix:** Solid **Sample ID:** Q1936-01MS **Client ID:** SMALL-PILE-AMSD  
**Percent Solids for Sample:** 90.8 **Duplicate ID** Q1936-01MSD **Percent Solids for Spike Sample:** 90.8

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.28             |   | 0.28                |   | 1   |      | CV |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Saxton Falls Sand and Gravel Co. Inc. **Level:** LOW **SDG No.:** Q1937  
**Contract:** SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937  
**Matrix:** Solid **Sample ID:** Q1952-01 **Client ID:** CLEAN-FILLDUP  
**Percent Solids for Sample:** 74.4 **Duplicate ID** Q1952-01DUP **Percent Solids for Spike Sample:** 74.4

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD   | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-------|------|---|
| Aluminum  | mg/Kg | 20               | 3470          |   | 3290             |   | 5     |      | P |
| Antimony  | mg/Kg | 20               | 2.71          | U | 3.10             | U |       |      | P |
| Arsenic   | mg/Kg | 20               | 5.84          |   | 5.03             |   | 15    |      | P |
| Barium    | mg/Kg | 20               | 21.8          |   | 22.9             |   | 5     |      | P |
| Beryllium | mg/Kg | 20               | 0.45          |   | 0.38             |   | 16    |      | P |
| Cadmium   | mg/Kg | 20               | 0.33          | U | 0.37             | U |       |      | P |
| Calcium   | mg/Kg | 20               | 1930          |   | 1630             |   | 17    |      | P |
| Chromium  | mg/Kg | 20               | 16.0          |   | 13.9             |   | 14    |      | P |
| Cobalt    | mg/Kg | 20               | 1.65          |   | 1.56             | J | 6     |      | P |
| Copper    | mg/Kg | 20               | 38.3          |   | 39.4             |   | 3     |      | P |
| Iron      | mg/Kg | 20               | 9340          |   | 8370             |   | 11    |      | P |
| Lead      | mg/Kg | 20               | 31.5          |   | 30.5             |   | 3     |      | P |
| Magnesium | mg/Kg | 20               | 560           |   | 496              |   | 12    |      | P |
| Manganese | mg/Kg | 20               | 78.8          |   | 69.7             |   | 12    |      | P |
| Nickel    | mg/Kg | 20               | 5.54          |   | 5.54             |   | 0     |      | P |
| Potassium | mg/Kg | 20               | 638           |   | 638              |   | 0     |      | P |
| Selenium  | mg/Kg | 20               | 1.08          | U | 1.24             | U |       |      | P |
| Silver    | mg/Kg | 20               | 0.54          | U | 0.16             | J | 200.0 |      | P |
| Sodium    | mg/Kg | 20               | 108           | U | 124              | U |       |      | P |
| Thallium  | mg/Kg | 20               | 0.37          | J | 2.48             | U | 200.0 |      | P |
| Vanadium  | mg/Kg | 20               | 15.9          |   | 14.2             |   | 11    |      | P |
| Zinc      | mg/Kg | 20               | 126           |   | 129              |   | 2     |      | P |

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Saxton Falls Sand and Gravel Co. Inc. **Level:** LOW **SDG No.:** Q1937  
**Contract:** SAXT01 **Lab Code:** CHEM **Case No.:** Q1937 **SAS No.:** Q1937  
**Matrix:** Solid **Sample ID:** Q1952-01MS **Client ID:** CLEAN-FILLMSD  
**Percent Solids for Sample:** 74.4 **Duplicate ID** Q1952-01MSD **Percent Solids for Spike Sample:** 74.4

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 4250          |   | 4450             |   | 5   |      | P |
| Antimony  | mg/Kg | 20               | 26.5          |   | 26.1             |   | 2   |      | P |
| Arsenic   | mg/Kg | 20               | 51.4          |   | 52.2             |   | 2   |      | P |
| Barium    | mg/Kg | 20               | 37.9          |   | 37.8             |   | 0   |      | P |
| Beryllium | mg/Kg | 20               | 10.8          |   | 10.9             |   | 0   |      | P |
| Cadmium   | mg/Kg | 20               | 11.8          |   | 11.7             |   | 1   |      | P |
| Calcium   | mg/Kg | 20               | 1760          |   | 2960             |   | 51  | *    | P |
| Chromium  | mg/Kg | 20               | 39.5          |   | 39.4             |   | 0   |      | P |
| Cobalt    | mg/Kg | 20               | 13.7          |   | 13.6             |   | 1   |      | P |
| Copper    | mg/Kg | 20               | 58.1          |   | 60.3             |   | 4   |      | P |
| Iron      | mg/Kg | 20               | 10600         |   | 10900            |   | 3   |      | P |
| Lead      | mg/Kg | 20               | 91.7          |   | 90.9             |   | 1   |      | P |
| Magnesium | mg/Kg | 20               | 754           |   | 893              |   | 17  |      | P |
| Manganese | mg/Kg | 20               | 86.4          |   | 97.4             |   | 12  |      | P |
| Nickel    | mg/Kg | 20               | 36.1          |   | 36.1             |   | 0   |      | P |
| Potassium | mg/Kg | 20               | 1550          |   | 1580             |   | 2   |      | P |
| Selenium  | mg/Kg | 20               | 110           |   | 109              |   | 1   |      | P |
| Silver    | mg/Kg | 20               | 4.56          |   | 4.46             |   | 2   |      | P |
| Sodium    | mg/Kg | 20               | 191           |   | 186              |   | 3   |      | P |
| Thallium  | mg/Kg | 20               | 121           |   | 116              |   | 4   |      | P |
| Vanadium  | mg/Kg | 20               | 33.1          |   | 32.9             |   | 1   |      | P |
| Zinc      | mg/Kg | 20               | 148           |   | 148              |   | 0   |      | P |