

**NEW GOLD RAINY RIVER MINE  
APPENDIX R  
OFFSITE GROUNDWATER  
MONITORING RESULTS**



## **2020 Offsite Groundwater Monitoring Report**

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## **Introduction**

New Gold Inc. (New Gold) is currently operating and will eventually reclaim an open pit and underground gold mine, the Rainy River Mine (RRM). Through the Environmental Assessment process for construction and operation of the RRM, New Gold committed to an offsite well water quality program. The condition states:

*A groundwater level (flow) and quality monitoring program of regular sampling and dipping of dedicated monitoring wells will be implemented to confirm that no area wells are affected by the mine. Furthermore, local well owners will be asked to participate in a well water quality program to monitor water quality in their wells.*

The 2020 offsite groundwater sampling program was completed by the New Gold Environment Team in late October and early November with fifteen local well owners participating.

## **Water Level Measurement**

To date, water level data has not been gathered as a part of the offsite groundwater monitoring program. When the program started in 2017, New Gold asked the monitoring program participants if they would consent to New Gold measuring the water level in their wells. The general response was to decline, due to concern of well contamination. New Gold Rainy River has since invested in a sonic water level meter that uses sound waves to measure well water level, which does not require any equipment to be placed in the well to record the water level. Access to the well will be necessary to complete a water level measurement. New Gold will contact you to obtain your consent for a well water level measurement in 2021.

## **Water Chemistry Summary**

The 15 local wells were sampled and analyzed for the same parameters that New Gold Rainy River Mine analyzes for their Regulatory site groundwater monitoring network. Where possible, samples were collected at a location representative of the water quality directly in the local well (pre-treatment) after 20 liters of water (one pail) was purged from each well/tap.

The 2020 offsite groundwater sample results are compared against 2017, 2018, and 2019 sample results, where available. The results are also compared to the Ontario Provincial Water Quality Objectives (PWQO) and Ontario Drinking Water Standards (ODWS), where a limit exists for the parameters tested. The Ontario PWQO were established to protect aquatic life, water resources, and recreational water users. For more information about the Ontario PWQO, call or visit the website for the Ontario Ministry of Environment, Conservation and Parks (MECP). The ODWS, under Ontario Regulation 169/03, are a set of standards to ensure the safety of drinking water. For more information about the ODWS, call or visit the website for the Ontario MECP.

All groundwater results were within the Ontario PWQO standards apart from elevated results for copper (8), iron (12), lead (3), silver (2) and zinc (7). Results highlighted in yellow exceeded the PWQO. All groundwater results were within the ODWS apart from elevated results for arsenic (4). Results highlighted in red exceeded the ODWS.

Table 1 presents the offsite groundwater well water chemistry results for 2020. Where the dissolved metals value is higher than the total metals value, the value was confirmed by re-analysis. Figures 1 through 6 show each parameter that measured higher than the PWQO or CDWG. Individual well result summaries are available in Table 2.

**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results**

| Client Sample ID                |                        |       |         |         | OF01-1     | OF01-2     | OF01-3     | OF02        | OF03        |
|---------------------------------|------------------------|-------|---------|---------|------------|------------|------------|-------------|-------------|
| Parameter                       | Lowest Detection Limit | Units | PWQO    | ODWS    | 3-Nov-2020 | 3-Nov-2020 | 3-Nov-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Alkalinity, Total (as CaCO3)    | 2                      | mg/L  |         |         | 491        | 476        | 553        | 490         | 480         |
| Ammonia, Total (as N)           | 0.02                   | mg/L  |         |         | 0.474      | 0.4        | 0.128      | 0.728       | 0.056       |
| Chloride (Cl)                   | 0.1                    | mg/L  |         |         | 10.2       | 12.9       | 1.14       | 4.66        | 11.3        |
| Conductivity (EC)               | 1                      | uS/cm |         |         | 962        | 922        | 936        | 894         | 860         |
| Cyanide, Free                   | 0.002                  | mg/L  |         | 0.2     | 0.0003     | 0.0003     | 0.0003     | 0.0003      | 0.0003      |
| Cyanide, Total                  | 0.002                  | mg/L  | 0.005   | 0.2     | <0.0002    | <0.0002    | <0.0002    | <0.0002     | 0.0002      |
| Cyanide, Weak Acid Dissociative | 0.002                  | mg/L  |         |         | <0.0001    | <0.0001    | <0.0001    | <0.0001     | 0.0001      |
| Field Temperature               | NA                     | °C    |         |         | 9          | 10         | 10         | 9           | 12          |
| Hardness (as CaCO3)             | 0.51                   | mg/L  |         |         | 457        | 439        | 498        | 444         | 447         |
| Nitrate (as N)                  | 0.02                   | mg/L  |         | 10      | 0.014      | 0.02       | 0.02       | 0.016       | 0.082       |
| Nitrite (as N)                  | 0.01                   | mg/L  |         | 1       | <0.001     | <0.001     | <0.001     | 0.001       | <0.0002     |
| pH                              | 0.1                    | pH    | 6.5-8.5 | 6.5-8.5 | 8.03       | 8.1        | 8.02       | 8.01        | 7.99        |
| Sulfate (SO4)                   | 0.3                    | mg/L  |         |         | 79.3       | 60.4       | 18         | 40.4        | 18.1        |
| Total Dissolved Solids          | 20                     | mg/L  |         |         | 572        | 546        | 530        | 542         | 506         |
| Aluminum (Al)-Dissolved         | 0.005                  | mg/L  |         | 0.1     | 0.0008     | 0.0002     | 0.0004     | 0.0002      | 0.0004      |
| Aluminum (Al)-Total             | 0.005                  | mg/L  | 0.075   |         | 0.0014     | 0.0006     | 0.0234     | 0.0034      | 0.001       |
| Antimony (Sb)-Dissolved         | 0.0006                 | mg/L  |         | 0.006   | <0.000005  | <0.000005  | <0.000005  | <0.000005   | 0.00003     |
| Antimony (Sb)-Total             | 0.0006                 | mg/L  | 0.02    |         | <0.000005  | <0.000005  | 0.00002    | 0.00002     | 0.00003     |
| Arsenic (As)-Dissolved          | 0.001                  | mg/L  |         | 0.01    | 0.0186     | 0.0186     | 0.0108     | 0.0073      | 0.0009      |
| Arsenic (As)-Total              | 0.001                  | mg/L  | 0.005   |         | 0.0189     | 0.0233     | 0.0117     | 0.0077      | 0.0022      |
| Barium (Ba)-Dissolved           | 0.01                   | mg/L  |         | 1.0     | 0.051      | 0.087      | 0.105      | 0.068       | 0.071       |
| Barium (Ba)-Total               | 0.01                   | mg/L  |         |         | 0.053      | 0.092      | 0.112      | 0.072       | 0.071       |
| Beryllium (Be)-Dissolved        | 0.001                  | mg/L  |         |         | <0.000002  | <0.000002  | <0.000002  | <0.000002   | <0.000002   |
| Beryllium (Be)-Total            | 0.001                  | mg/L  | 0.0011  |         | <0.0000001 | 0.0000078  | 0.000003   | <0.0000001  | <0.0000001  |
| Bismuth (Bi)-Dissolved          | 0.001                  | mg/L  |         |         | <0.000002  | <0.000002  | <0.000002  | <0.000002   | <0.000002   |
| Bismuth (Bi)-Total              | 0.001                  | mg/L  |         |         | <0.000001  | <0.000001  | 0.000001   | <0.000001   | <0.000001   |
| Boron (B)-Dissolved             | 0.05                   | mg/L  |         | 5.0     | 0.166      | 0.161      | 0.055      | 0.173       | 0.042       |
| Boron (B)-Total                 | 0.05                   | mg/L  | 0.2     |         | 0.17       | 0.163      | 0.042      | 0.162       | 0.041       |
| Cadmium (Cd)-Dissolved          | 0.000017               | mg/L  |         | 0.005   | 0.000002   | <0.0000005 | 0.000002   | 0.000002    | <0.0000005  |
| Cadmium (Cd)-Total              | 0.000017               | mg/L  | 0.0001  |         | <0.000001  | 0.000002   | 0.000004   | 0.000004    | <0.000001   |
| Calcium (Ca)-Dissolved          | 0.2                    | mg/L  |         |         | 107        | 103        | 99.2       | 97.8        | 106         |
| Calcium (Ca)-Total              | 0.2                    | mg/L  |         |         | 110        | 107        | 100        | 101         | 108         |
| Cesium (Cs)-Dissolved           | 0.00001                | mg/L  |         |         | 0.000021   | 0.000015   | 0.000008   | 0.000006    | 0.000006    |
| Cesium (Cs)-Total               | 0.00001                | mg/L  |         |         | 0.00002    | 0.000016   | 0.000014   | 0.000006    | 0.000006    |
| Chromium (Cr)-Dissolved         | 0.001                  | mg/L  |         | 0.05    | 0.00003    | 0.00003    | 0.00007    | 0.00004     | 0.00003     |
| Chromium (Cr)-Total             | 0.001                  | mg/L  | 0.001   |         | 0.0001     | 0.00008    | 0.0004     | 0.0001      | 0.0001      |
| Cobalt (Co)-Dissolved           | 0.0005                 | mg/L  |         |         | 0.00006    | 0.00004    | 0.00005    | 0.00004     | 0.00018     |
| Cobalt (Co)-Total               | 0.0005                 | mg/L  | 0.0009  |         | 0.00007    | 0.00005    | 0.00008    | 0.00005     | 0.00021     |
| Copper (Cu)-Dissolved           | 0.001                  | mg/L  |         | 1       | 0.0006     | 0.0011     | 0.00006    | 0.0004      | 0.0007      |
| Copper (Cu)-Total               | 0.001                  | mg/L  | 0.005   |         | <0.00002   | 0.0021     | 0.0012     | 0.0086      | 0.0034      |
| Iron (Fe)-Dissolved             | 0.02                   | mg/L  |         |         | 1.57       | 2.06       | 3.03       | 3.7         | 1.37        |
| Iron (Fe)-Total                 | 0.02                   | mg/L  | 0.3     |         | 1.64       | 2.51       | 3.79       | 4           | 1.26        |
| Lead (Pb)-Dissolved             | 0.00005                | mg/L  |         | 0.01    | <0.00001   | <0.00001   | <0.00001   | <0.00001    | <0.00001    |
| Lead (Pb)-Total                 | 0.00005                | mg/L  | 0.001   |         | <0.00001   | 0.00003    | 0.00005    | 0.00011     | 0.00002     |
| Lithium (Li)-Dissolved          | 0.05                   | mg/L  |         |         | 0.05       | 0.044      | 0.038      | 0.038       | 0.026       |
| Lithium (Li)-Total              | 0.05                   | mg/L  |         |         | 0.053      | 0.046      | 0.038      | 0.041       | 0.028       |

**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID          |                        |       |        |       | OF01-1     | OF01-2     | OF01-3     | OF02        | OF03        |
|---------------------------|------------------------|-------|--------|-------|------------|------------|------------|-------------|-------------|
| Parameter                 | Lowest Detection Limit | Units | PWQO   | ODWS  | 3-Nov-2020 | 3-Nov-2020 | 3-Nov-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Magnesium (Mg)-Dissolved  | 0.02                   | mg/L  |        |       | 46.2       | 43.9       | 60.9       | 48.6        | 44.3        |
| Magnesium (Mg)-Total      | 0.02                   | mg/L  |        |       | 48.7       | 44.5       | 61.6       | 49.5        | 45.6        |
| Manganese (Mn)-Dissolved  | 0.001                  | mg/L  |        |       | 0.335      | 0.376      | 0.365      | 0.219       | 0.231       |
| Manganese (Mn)-Total      | 0.001                  | mg/L  |        |       | 0.347      | 0.39       | 0.377      | 0.223       | 0.238       |
| Mercury (Hg)-Dissolved    | 0.00003                | mg/L  |        | 0.001 | <0.000005  | <0.000005  | <0.000005  | <0.000005   | <0.000005   |
| Mercury (Hg)-Total        | 0.00003                | mg/L  | 0.0002 |       | <0.000005  | <0.000005  | <0.000005  | <0.000005   | <0.000005   |
| Molybdenum (Mo)-Dissolved | 0.001                  | mg/L  |        |       | 0.0033     | 0.0028     | 0.0033     | 0.0019      | 0.0025      |
| Molybdenum (Mo)-Total     | 0.001                  | mg/L  | 0.04   |       | 0.0034     | 0.003      | 0.0035     | 0.002       | 0.0026      |
| Nickel (Ni)-Dissolved     | 0.002                  | mg/L  |        |       | 0.0003     | 0.0004     | 0.0002     | 0.0002      | 0.0008      |
| Nickel (Ni)-Total         | 0.002                  | mg/L  | 0.025  |       | 0.0002     | 0.0002     | 0.0004     | 0.0003      | 0.0008      |
| Phosphorus (P)-Dissolved  | 0.05                   | mg/L  |        |       | <0.005     | 0.01       | 0.035      | 0.035       | <0.005      |
| Phosphorus (P)-Total      | 0.05                   | mg/L  | 0.03   |       | 0.02       | 0.03       | 0.08       | 0.06        | 0.01        |
| Potassium (K)-Dissolved   | 0.5                    | mg/L  |        |       | 5.51       | 5.2        | 4.92       | 5.86        | 3.25        |
| Potassium (K)-Total       | 0.5                    | mg/L  |        |       | 5.63       | 5.33       | 5.13       | 6.28        | 3.38        |
| Rubidium (Rb)-Dissolved   | 0.0002                 | mg/L  |        |       | 0.00146    | 0.00128    | 0.00176    | 0.00133     | 0.0011      |
| Rubidium (Rb)-Total       | 0.0002                 | mg/L  |        |       | 0.00146    | 0.00129    | 0.00181    | 0.00136     | 0.00119     |
| Selenium (Se)-Dissolved   | 0.00005                | mg/L  |        | 0.05  | 0.000015   | 0.00001    | 0.00003    | 0.000005    | 0.00023     |
| Selenium (Se)-Total       | 0.00005                | mg/L  | 0.1    |       | 0.00003    | 0.000035   | 0.000015   | 0.000025    | 0.00029     |
| Silicon (Si)-Dissolved    | 0.05                   | mg/L  |        |       | 10.8       | 11.3       | 13.1       | 10.4        | 12.1        |
| Silicon (Si)-Total        | 0.1                    | mg/L  |        |       | 11.5       | 11.7       | 13         | 11.7        | 12.9        |
| Silver (Ag)-Dissolved     | 0.0001                 | mg/L  |        |       | 0.00001    | 0.000001   | 0.000004   | 0.000003    | <0.0000005  |
| Silver (Ag)-Total         | 0.0001                 | mg/L  | 0.0001 |       | 0.000007   | 0.000001   | 0.000005   | 0.000002    | <0.000001   |
| Sodium (Na)-Dissolved     | 0.1                    | mg/L  |        |       | 29.9       | 28.4       | 11.7       | 30.5        | 13.7        |
| Sodium (Na)-Total         | 0.1                    | mg/L  |        |       | 31.8       | 29.8       | 12.2       | 32          | 14.3        |
| Strontium (Sr)-Dissolved  | 0.001                  | mg/L  |        |       | 1.03       | 0.975      | 0.435      | 0.791       | 0.31        |
| Strontium (Sr)-Total      | 0.001                  | mg/L  |        |       | 1.06       | 1.02       | 0.447      | 0.797       | 0.313       |
| Sulfur (S)-Dissolved      | 0.5                    | mg/L  |        |       | 23.6       | 19         | 6          | 13          | 5.8         |
| Sulfur (S)-Total          | 0.5                    | mg/L  |        |       | 24         | 18.2       | 6          | 14.4        | 6.6         |
| Tellurium (Te)-Dissolved  | 0.001                  | mg/L  |        |       | 0.00002    | 0.00003    | <0.00001   | 0.00001     | 0.00005     |
| Tellurium (Te)-Total      | 0.001                  | mg/L  |        |       | 0.00006    | 0.00008    | <0.00002   | 0.00004     | 0.00002     |
| Thallium (Tl)-Dissolved   | 0.0003                 | mg/L  |        |       | <0.000002  | <0.000002  | <0.000002  | <0.000002   | <0.000002   |
| Thallium (Tl)-Total       | 0.0003                 | mg/L  | 0.0003 |       | <0.000005  | <0.000005  | <0.000005  | <0.000005   | <0.000005   |
| Thorium (Th)-Dissolved    | 0.0001                 | mg/L  |        |       | <0.00001   | <0.00001   | <0.00001   | <0.00001    | <0.00001    |
| Thorium (Th)-Total        | 0.0001                 | mg/L  |        |       | <0.00001   | <0.00001   | 0.00001    | <0.00001    | <0.00001    |
| Tin (Sn)-Dissolved        | 0.001                  | mg/L  |        |       | <0.000005  | 0.000015   | <0.000005  | 0.000005    | <0.000005   |
| Tin (Sn)-Total            | 0.001                  | mg/L  |        |       | 0.00002    | 0.00003    | 0.00005    | 0.00005     | 0.00002     |
| Titanium (Ti)-Dissolved   | 0.002                  | mg/L  |        |       | 0.00002    | <0.00002   | 0.00008    | <0.00002    | <0.00002    |
| Titanium (Ti)-Total       | 0.002                  | mg/L  |        |       | 0.0002     | 0.00006    | 0.0012     | 0.0002      | 0.0002      |
| Tungsten (W)-Dissolved    | 0.01                   | mg/L  |        |       | 0.000072   | 0.000046   | 0.000054   | 0.000066    | 0.000024    |
| Tungsten (W)-Total        | 0.01                   | mg/L  |        |       | 0.00007    | 0.00005    | 0.00006    | 0.00008     | 0.00002     |
| Uranium (U)-Dissolved     | 0.005                  | mg/L  |        | 0.02  | 0.002      | 0.0017     | 0.0011     | 0.0016      | 0.0031      |
| Uranium (U)-Total         | 0.005                  | mg/L  | 0.005  |       | 0.0021     | 0.0017     | 0.0012     | 0.0016      | 0.0033      |
| Vanadium (V)-Dissolved    | 0.001                  | mg/L  |        |       | <0.00002   | <0.00002   | 0.00002    | 0.00004     | 0.00008     |
| Vanadium (V)-Total        | 0.001                  | mg/L  | 0.006  |       | 0.00005    | <0.00005   | 0.0002     | 0.00005     | 0.0002      |
| Zinc (Zn)-Dissolved       | 0.003                  | mg/L  |        |       | 0.0036     | 0.0126     | 0.0008     | 0.0032      | 0.0084      |
| Zinc (Zn)-Total           | 0.003                  | mg/L  | 0.02   |       | <0.0005    | 0.009      | 0.0025     | 0.0035      | 0.009       |
| Zirconium (Zr)-Dissolved  | 0.001                  | mg/L  |        |       | 0.0002     | 0.00007    | 0.0006     | 0.00006     | 0.00009     |
| Zirconium (Zr)-Total      | 0.001                  | mg/L  | 0.004  |       | 0.0002     | 0.0001     | 0.0007     | 0.00008     | 0.0001      |

**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID                |                        |       |         |         | OF04        | OF05        | OF06        | OF07        |
|---------------------------------|------------------------|-------|---------|---------|-------------|-------------|-------------|-------------|
| Parameter                       | Lowest Detection Limit | Units | PWQO    | ODWS    | 28-Oct-2020 | 28-Oct-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Alkalinity, Total (as CaCO3)    | 2                      | mg/L  |         |         | 549         | 488         | 590         | 514         |
| Ammonia, Total (as N)           | 0.02                   | mg/L  |         |         | 0.096       | 0.082       | 0.048       | 0.2         |
| Chloride (Cl)                   | 0.1                    | mg/L  |         |         | 101         | 4.21        | 13.70       | 9.27        |
| Conductivity (EC)               | 1                      | uS/cm |         |         | 1260        | 860         | 1100        | 992         |
| Cyanide, Free                   | 0.002                  | mg/L  |         | 0.2     | 0.0004      | 0.0002      | <0.0001     | 0.0001      |
| Cyanide, Total                  | 0.002                  | mg/L  | 0.005   | 0.2     | <0.0002     | <0.0002     | <0.0002     | 0.0006      |
| Cyanide, Weak Acid Dissociative | 0.002                  | mg/L  |         |         | <0.0001     | <0.0001     | <0.0001     | 0.0002      |
| Field Temperature               | NA                     | °C    |         |         | 10          | 9           | 12          | 15          |
| Hardness (as CaCO3)             | 0.51                   | mg/L  |         |         | 594         | 449         | 3.26        | 540         |
| Nitrate (as N)                  | 0.02                   | mg/L  |         | 10      | 0.774       | 0.013       | 0.079       | 0.019       |
| Nitrite (as N)                  | 0.01                   | mg/L  |         | 1       | 0.0008      | 0.0002      | 0.004       | 0.002       |
| pH                              | 0.1                    | pH    | 6.5-8.5 | 6.5-8.5 | 7.91        | 7.93        | 8.04        | 8.01        |
| Sulfate (SO4)                   | 0.3                    | mg/L  |         |         | 29.2        | 24          | 15.9        | 77.3        |
| Total Dissolved Solids          | 20                     | mg/L  |         |         | 748         | 498         | 694         | 618         |
| Aluminum (Al)-Dissolved         | 0.005                  | mg/L  |         | 0.1     | 0.001       | <0.0002     | 0.001       | 0.0004      |
| Aluminum (Al)-Total             | 0.005                  | mg/L  | 0.075   |         | 0.0034      | 0.0016      | 0.0076      | 0.0022      |
| Antimony (Sb)-Dissolved         | 0.0006                 | mg/L  |         | 0.006   | 0.00042     | 0.00005     | 0.00004     | 0.00001     |
| Antimony (Sb)-Total             | 0.0006                 | mg/L  | 0.02    |         | 0.00041     | 0.00003     | 0.00008     | 0.00001     |
| Arsenic (As)-Dissolved          | 0.001                  | mg/L  |         | 0.01    | 0.0007      | 0.0019      | 0.0007      | 0.0005      |
| Arsenic (As)-Total              | 0.001                  | mg/L  | 0.005   |         | 0.00098     | 0.0022      | 0.0008      | 0.0007      |
| Barium (Ba)-Dissolved           | 0.01                   | mg/L  |         | 1.0     | 0.11        | 0.093       | 0.0007      | 0.02        |
| Barium (Ba)-Total               | 0.01                   | mg/L  |         |         | 0.11        | 0.095       | 0.0008      | 0.021       |
| Beryllium (Be)-Dissolved        | 0.001                  | mg/L  |         |         | <0.000002   | <0.000002   | <0.000002   | <0.000002   |
| Beryllium (Be)-Total            | 0.001                  | mg/L  | 0.0011  |         | <0.000001   | <0.000001   | <0.000001   | <0.000001   |
| Bismuth (Bi)-Dissolved          | 0.001                  | mg/L  |         |         | <0.000002   | 0.000006    | <0.000002   | <0.000002   |
| Bismuth (Bi)-Total              | 0.001                  | mg/L  |         |         | 0.00001     | <0.00001    | 0.00002     | <0.00001    |
| Boron (B)-Dissolved             | 0.05                   | mg/L  |         | 5.0     | 0.139       | 0.043       | 0.056       | 0.079       |
| Boron (B)-Total                 | 0.05                   | mg/L  | 0.2     |         | 0.141       | 0.043       | 0.046       | 0.082       |
| Cadmium (Cd)-Dissolved          | 0.000017               | mg/L  |         | 0.005   | 0.000004    | 0.000005    | 0.000003    | 0.000054    |
| Cadmium (Cd)-Total              | 0.000017               | mg/L  | 0.0001  |         | 0.000008    | 0.000006    | 0.000005    | 0.000045    |
| Calcium (Ca)-Dissolved          | 0.2                    | mg/L  |         |         | 124         | 102         | 0.85        | 110         |
| Calcium (Ca)-Total              | 0.2                    | mg/L  |         |         | 127         | 104         | 0.84        | 121         |
| Cesium (Cs)-Dissolved           | 0.00001                | mg/L  |         |         | 0.00022     | 0.000023    | 0.000006    | 0.000081    |
| Cesium (Cs)-Total               | 0.00001                | mg/L  |         |         | 0.000223    | 0.000023    | 0.000007    | 0.000087    |
| Chromium (Cr)-Dissolved         | 0.001                  | mg/L  |         | 0.05    | 0.00004     | 0.00004     | 0.00007     | 0.00002     |
| Chromium (Cr)-Total             | 0.001                  | mg/L  | 0.001   |         | 0.0001      | 0.0001      | 0.0002      | 0.0002      |
| Cobalt (Co)-Dissolved           | 0.0005                 | mg/L  |         |         | 0.00025     | 0.00047     | 0.00004     | 0.00247     |
| Cobalt (Co)-Total               | 0.0005                 | mg/L  | 0.0009  |         | 0.00028     | 0.0005      | 0.00005     | 0.00248     |
| Copper (Cu)-Dissolved           | 0.001                  | mg/L  |         | 1       | 0.0273      | 0.0046      | 0.131       | 0.0041      |
| Copper (Cu)-Total               | 0.001                  | mg/L  | 0.005   |         | 0.0314      | 0.0082      | 0.152       | 0.009       |
| Iron (Fe)-Dissolved             | 0.02                   | mg/L  |         |         | 0.04        | 0.731       | 0.011       | 0.273       |
| Iron (Fe)-Total                 | 0.02                   | mg/L  | 0.3     |         | 0.121       | 0.833       | 0.076       | 0.379       |
| Lead (Pb)-Dissolved             | 0.00005                | mg/L  |         | 0.01    | 0.00016     | 0.00002     | 0.00112     | 0.00016     |
| Lead (Pb)-Total                 | 0.00005                | mg/L  | 0.001   |         | 0.00077     | 0.0001      | 0.00306     | 0.0056      |
| Lithium (Li)-Dissolved          | 0.05                   | mg/L  |         |         | 0.014       | 0.029       | 0.001       | 0.051       |
| Lithium (Li)-Total              | 0.05                   | mg/L  |         |         | 0.015       | 0.032       | 0.002       | 0.057       |

**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID          |                        |       |        |       | OF04        | OF05        | OF06        | OF07        |
|---------------------------|------------------------|-------|--------|-------|-------------|-------------|-------------|-------------|
| Parameter                 | Lowest Detection Limit | Units | PWQO   | ODWS  | 28-Oct-2020 | 28-Oct-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Magnesium (Mg)-Dissolved  | 0.02                   | mg/L  |        |       | 69          | 47.2        | 0.274       | 64.6        |
| Magnesium (Mg)-Total      | 0.02                   | mg/L  |        |       | 69.8        | 49.9        | 0.268       | 65.6        |
| Manganese (Mn)-Dissolved  | 0.001                  | mg/L  |        |       | 0.0586      | 0.196       | 0.0011      | 0.981       |
| Manganese (Mn)-Total      | 0.001                  | mg/L  |        |       | 0.0664      | 0.2         | 0.0022      | 1           |
| Mercury (Hg)-Dissolved    | 0.00003                | mg/L  |        | 0.001 | <0.000005   | <0.000005   | <0.000005   | <0.000005   |
| Mercury (Hg)-Total        | 0.00003                | mg/L  | 0.0002 |       | <0.000005   | <0.000005   | <0.000005   | <0.000005   |
| Molybdenum (Mo)-Dissolved | 0.001                  | mg/L  |        |       | 0.003       | 0.0035      | 0.0042      | 0.0013      |
| Molybdenum (Mo)-Total     | 0.001                  | mg/L  | 0.04   |       | 0.0031      | 0.0037      | 0.0045      | 0.0015      |
| Nickel (Ni)-Dissolved     | 0.002                  | mg/L  |        |       | 0.0039      | 0.00096     | 0.0205      | 0.0005      |
| Nickel (Ni)-Total         | 0.002                  | mg/L  | 0.025  |       | 0.0043      | 0.0011      | 0.0213      | 0.0005      |
| Phosphorus (P)-Dissolved  | 0.05                   | mg/L  |        |       | <0.005      | <0.005      | 0.02        | <0.005      |
| Phosphorus (P)-Total      | 0.05                   | mg/L  | 0.03   |       | 0.015       | 0.01        | 0.045       | 0.005       |
| Potassium (K)-Dissolved   | 0.5                    | mg/L  |        |       | 3.29        | 4.45        | 3.69        | 4.94        |
| Potassium (K)-Total       | 0.5                    | mg/L  |        |       | 3.28        | 4.69        | 3.83        | 5.11        |
| Rubidium (Rb)-Dissolved   | 0.0002                 | mg/L  |        |       | 0.00128     | 0.0064      | 0.00128     | 0.00172     |
| Rubidium (Rb)-Total       | 0.0002                 | mg/L  |        |       | 0.0014      | 0.00666     | 0.00124     | 0.00172     |
| Selenium (Se)-Dissolved   | 0.00005                | mg/L  |        | 0.05  | 0.00163     | 0.00005     | 0.00022     | 0.00001     |
| Selenium (Se)-Total       | 0.00005                | mg/L  | 0.1    |       | 0.00151     | 0.00008     | 0.00023     | 0.00003     |
| Silicon (Si)-Dissolved    | 0.05                   | mg/L  |        |       | 9           | 9.45        | 10.3        | 9.94        |
| Silicon (Si)-Total        | 0.1                    | mg/L  |        |       | 9.86        | 10.2        | 10.8        | 10.9        |
| Silver (Ag)-Dissolved     | 0.0001                 | mg/L  |        |       | 0.000005    | 0.000002    | 0.00008     | 0.000001    |
| Silver (Ag)-Total         | 0.0001                 | mg/L  | 0.0001 |       | 0.00001     | 0.000003    | 0.00022     | 0.000005    |
| Sodium (Na)-Dissolved     | 0.1                    | mg/L  |        |       | 40.7        | 11.1        | 263         | 18.6        |
| Sodium (Na)-Total         | 0.1                    | mg/L  |        |       | 42.7        | 11.5        | 273         | 19.2        |
| Strontium (Sr)-Dissolved  | 0.001                  | mg/L  |        |       | 1.07        | 0.334       | 0.0027      | 0.659       |
| Strontium (Sr)-Total      | 0.001                  | mg/L  |        |       | 1.09        | 0.344       | 0.0026      | 0.718       |
| Sulfur (S)-Dissolved      | 0.5                    | mg/L  |        |       | 10.6        | 8           | 5.6         | 26.8        |
| Sulfur (S)-Total          | 0.5                    | mg/L  |        |       | 10.8        | 8.4         | 5.8         | 26          |
| Tellurium (Te)-Dissolved  | 0.001                  | mg/L  |        |       | <0.00001    | <0.00001    | 0.00001     | 0.00002     |
| Tellurium (Te)-Total      | 0.001                  | mg/L  |        |       | 0.00008     | 0.00004     | 0.00002     | 0.00006     |
| Thallium (Tl)-Dissolved   | 0.0003                 | mg/L  |        |       | 0.000002    | 0.00001     | <0.000002   | 0.000002    |
| Thallium (Tl)-Total       | 0.0003                 | mg/L  | 0.0003 |       | <0.000005   | <0.000005   | 0.00001     | <0.000005   |
| Thorium (Th)-Dissolved    | 0.0001                 | mg/L  |        |       | <0.00001    | <0.00001    | <0.00001    | <0.00001    |
| Thorium (Th)-Total        | 0.0001                 | mg/L  |        |       | <0.00001    | <0.00001    | 0.00001     | <0.00001    |
| Tin (Sn)-Dissolved        | 0.001                  | mg/L  |        |       | 0.00006     | 0.000005    | 0.000025    | <0.000005   |
| Tin (Sn)-Total            | 0.001                  | mg/L  |        |       | 0.0003      | 0.0001      | 0.0009      | 0.0002      |
| Titanium (Ti)-Dissolved   | 0.002                  | mg/L  |        |       | 0.00002     | <0.00002    | 0.00004     | <0.00002    |
| Titanium (Ti)-Total       | 0.002                  | mg/L  |        |       | 0.0002      | 0.0001      | 0.0003      | 0.0001      |
| Tungsten (W)-Dissolved    | 0.01                   | mg/L  |        |       | 0.000114    | 0.000014    | 0.00001     | 0.000006    |
| Tungsten (W)-Total        | 0.01                   | mg/L  |        |       | 0.00013     | 0.00001     | 0.00002     | 0.00001     |
| Uranium (U)-Dissolved     | 0.005                  | mg/L  |        | 0.02  | 0.0021      | 0.0044      | 0.0064      | 0.0047      |
| Uranium (U)-Total         | 0.005                  | mg/L  | 0.005  |       | 0.0022      | 0.0046      | 0.0067      | 0.0052      |
| Vanadium (V)-Dissolved    | 0.001                  | mg/L  |        |       | 0.0002      | 0.00006     | 0.0004      | 0.00002     |
| Vanadium (V)-Total        | 0.001                  | mg/L  | 0.006  |       | 0.0003      | 0.00005     | 0.0007      | 0.0001      |
| Zinc (Zn)-Dissolved       | 0.003                  | mg/L  |        |       | 0.0416      | 0.0018      | 0.0642      | 0.0024      |
| Zinc (Zn)-Total           | 0.003                  | mg/L  | 0.02   |       | 0.0615      | 0.002       | 0.0685      | 0.003       |
| Zirconium (Zr)-Dissolved  | 0.001                  | mg/L  |        |       | 0.0005      | 0.0002      | 0.0002      | 0.000024    |
| Zirconium (Zr)-Total      | 0.001                  | mg/L  | 0.004  |       | 0.0006      | 0.0002      | 0.0002      | 0.000044    |

**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID                |                        |       |         |         | OF08        | OF09        | OF10        | OF11        |
|---------------------------------|------------------------|-------|---------|---------|-------------|-------------|-------------|-------------|
| Parameter                       | Lowest Detection Limit | Units | PWQO    | ODWS    | 29-Oct-2020 | 28-Oct-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Alkalinity, Total (as CaCO3)    | 2                      | mg/L  |         |         | 422         | 552         | 441         | 574         |
| Ammonia, Total (as N)           | 0.02                   | mg/L  |         |         | 0.042       | 0.21        | 0.054       | 0.066       |
| Chloride (Cl)                   | 0.1                    | mg/L  |         |         | 46.1        | 1.07        | 42.8        | 8.44        |
| Conductivity (EC)               | 1                      | uS/cm |         |         | 883         | 953         | 924         | 982         |
| Cyanide, Free                   | 0.002                  | mg/L  |         | 0.2     | 0.0004      | 0.0005      | 0.0003      | 0.0003      |
| Cyanide, Total                  | 0.002                  | mg/L  | 0.005   | 0.2     | 0.0006      | <0.0002     | <0.0002     | 0.0006      |
| Cyanide, Weak Acid Dissociative | 0.002                  | mg/L  |         |         | 0.001       | <0.0001     | <0.0001     | 0.0007      |
| Field Temperature               | NA                     | °C    |         |         | 10          | 12          | 10          | 15          |
| Hardness (as CaCO3)             | 0.51                   | mg/L  |         |         | 425         | 524         | 370         | 552         |
| Nitrate (as N)                  | 0.02                   | mg/L  |         | 10      | 0.708       | 0.036       | 2.12        | 0.077       |
| Nitrite (as N)                  | 0.01                   | mg/L  |         | 1       | 0.0008      | 0.001       | 0.0006      | 0.0022      |
| pH                              | 0.1                    | pH    | 6.5-8.5 | 6.5-8.5 | 7.96        | 7.99        | 7.98        | 7.98        |
| Sulfate (SO4)                   | 0.3                    | mg/L  |         |         | 11          | 35.4        | 21.3        | 7.33        |
| Total Dissolved Solids          | 20                     | mg/L  |         |         | 516         | 558         | 532         | 540         |
| Aluminum (Al)-Dissolved         | 0.005                  | mg/L  |         | 0.1     | 0.0004      | 0.0004      | 0.0014      | 0.0002      |
| Aluminum (Al)-Total             | 0.005                  | mg/L  | 0.075   |         | 0.0008      | 0.0042      | 0.0052      | 0.0024      |
| Antimony (Sb)-Dissolved         | 0.0006                 | mg/L  |         | 0.006   | 0.00002     | 0.00001     | 0.0001      | 0.00015     |
| Antimony (Sb)-Total             | 0.0006                 | mg/L  | 0.02    |         | 0.00002     | 0.00002     | 0.00012     | 0.00015     |
| Arsenic (As)-Dissolved          | 0.001                  | mg/L  |         | 0.01    | 0.0003      | 0.0056      | 0.0004      | 0.0014      |
| Arsenic (As)-Total              | 0.001                  | mg/L  | 0.005   |         | 0.0004      | 0.0074      | 0.0004      | 0.0017      |
| Barium (Ba)-Dissolved           | 0.01                   | mg/L  |         | 1.0     | 0.095       | 0.104       | 0.086       | 0.11        |
| Barium (Ba)-Total               | 0.01                   | mg/L  |         |         | 0.098       | 0.11        | 0.085       | 0.11        |
| Beryllium (Be)-Dissolved        | 0.001                  | mg/L  |         |         | <0.000002   | <0.000002   | <0.000002   | <0.000002   |
| Beryllium (Be)-Total            | 0.001                  | mg/L  | 0.0011  |         | <0.000001   | <0.000001   | <0.000001   | <0.000001   |
| Bismuth (Bi)-Dissolved          | 0.001                  | mg/L  |         |         | <0.000002   | <0.000002   | <0.000002   | <0.000002   |
| Bismuth (Bi)-Total              | 0.001                  | mg/L  |         |         | <0.00001    | <0.00001    | <0.00001    | <0.00001    |
| Boron (B)-Dissolved             | 0.05                   | mg/L  |         | 5.0     | 0.031       | 0.068       | 0.082       | 0.032       |
| Boron (B)-Total                 | 0.05                   | mg/L  | 0.2     |         | 0.029       | 0.061       | 0.074       | 0.029       |
| Cadmium (Cd)-Dissolved          | 0.000017               | mg/L  |         | 0.005   | 0.000008    | 0.000004    | 0.00004     | 0.00002     |
| Cadmium (Cd)-Total              | 0.000017               | mg/L  | 0.0001  |         | 0.000025    | 0.000004    | 0.000042    | 0.000027    |
| Calcium (Ca)-Dissolved          | 0.2                    | mg/L  |         |         | 112         | 98.4        | 81.1        | 107         |
| Calcium (Ca)-Total              | 0.2                    | mg/L  |         |         | 116         | 102         | 82.8        | 108         |
| Cesium (Cs)-Dissolved           | 0.00001                | mg/L  |         |         | 0.000056    | 0.000013    | 0.000004    | 0.000006    |
| Cesium (Cs)-Total               | 0.00001                | mg/L  |         |         | 0.000055    | 0.000011    | 0.000002    | 0.000007    |
| Chromium (Cr)-Dissolved         | 0.001                  | mg/L  |         | 0.05    | 0.00004     | 0.00004     | 0.0004      | 0.00006     |
| Chromium (Cr)-Total             | 0.001                  | mg/L  | 0.001   |         | 0.0001      | 0.00006     | 0.0005      | 0.0001      |
| Cobalt (Co)-Dissolved           | 0.0005                 | mg/L  |         |         | 0.00256     | 0.00006     | 0.00065     | 0.0011      |
| Cobalt (Co)-Total               | 0.0005                 | mg/L  | 0.0009  |         | 0.00267     | 0.00006     | 0.00067     | 0.00116     |
| Copper (Cu)-Dissolved           | 0.001                  | mg/L  |         | 1       | 0.0009      | 0.00096     | 0.111       | 0.0086      |
| Copper (Cu)-Total               | 0.001                  | mg/L  | 0.005   |         | 0.0033      | 0.0034      | 0.12        | 0.0147      |
| Iron (Fe)-Dissolved             | 0.02                   | mg/L  |         |         | 1.62        | 2.39        | 0.003       | 0.854       |
| Iron (Fe)-Total                 | 0.02                   | mg/L  | 0.3     |         | 1.61        | 2.87        | 0.034       | 1.1         |
| Lead (Pb)-Dissolved             | 0.00005                | mg/L  |         | 0.01    | 0.00009     | <0.00001    | 0.00122     | 0.0001      |
| Lead (Pb)-Total                 | 0.00005                | mg/L  | 0.001   |         | 0.00018     | 0.00006     | 0.00167     | 0.00081     |
| Lithium (Li)-Dissolved          | 0.05                   | mg/L  |         |         | 0.01        | 0.049       | 0.017       | 0.024       |
| Lithium (Li)-Total              | 0.05                   | mg/L  |         |         | 0.011       | 0.051       | 0.018       | 0.025       |



**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID          |                        |       |        |       | OF08        | OF09        | OF10        | OF11        |
|---------------------------|------------------------|-------|--------|-------|-------------|-------------|-------------|-------------|
| Parameter                 | Lowest Detection Limit | Units | PWQO   | ODWS  | 29-Oct-2020 | 28-Oct-2020 | 28-Oct-2020 | 29-Oct-2020 |
| Magnesium (Mg)-Dissolved  | 0.02                   | mg/L  |        |       | 35.5        | 67.5        | 40.5        | 68.8        |
| Magnesium (Mg)-Total      | 0.02                   | mg/L  |        |       | 37.2        | 68.6        | 41.3        | 70.2        |
| Manganese (Mn)-Dissolved  | 0.001                  | mg/L  |        |       | 0.411       | 0.408       | 0.0046      | 0.199       |
| Manganese (Mn)-Total      | 0.001                  | mg/L  |        |       | 0.422       | 0.421       | 0.0064      | 0.201       |
| Mercury (Hg)-Dissolved    | 0.00003                | mg/L  |        | 0.001 | <0.000005   | <0.000005   | <0.000005   | <0.000005   |
| Mercury (Hg)-Total        | 0.00003                | mg/L  | 0.0002 |       | <0.000005   | <0.000005   | <0.000005   | <0.000005   |
| Molybdenum (Mo)-Dissolved | 0.001                  | mg/L  |        |       | 0.00098     | 0.0053      | 0.003       | 0.0047      |
| Molybdenum (Mo)-Total     | 0.001                  | mg/L  | 0.04   |       | 0.0011      | 0.0056      | 0.0031      | 0.0049      |
| Nickel (Ni)-Dissolved     | 0.002                  | mg/L  |        |       | 0.0019      | 0.0002      | 0.0059      | 0.0029      |
| Nickel (Ni)-Total         | 0.002                  | mg/L  | 0.025  |       | 0.002       | 0.0003      | 0.006       | 0.0031      |
| Phosphorus (P)-Dissolved  | 0.05                   | mg/L  |        |       | <0.005      | <0.005      | <0.005      | <0.005      |
| Phosphorus (P)-Total      | 0.05                   | mg/L  | 0.03   |       | 0.01        | 0.03        | 0.015       | 0.015       |
| Potassium (K)-Dissolved   | 0.5                    | mg/L  |        |       | 3.12        | 5.67        | 3.85        | 1.59        |
| Potassium (K)-Total       | 0.5                    | mg/L  |        |       | 3.34        | 5.75        | 3.91        | 1.64        |
| Rubidium (Rb)-Dissolved   | 0.0002                 | mg/L  |        |       | 0.00314     | 0.00151     | 0.00042     | 0.00188     |
| Rubidium (Rb)-Total       | 0.0002                 | mg/L  |        |       | 0.00327     | 0.00147     | 0.00039     | 0.00193     |
| Selenium (Se)-Dissolved   | 0.00005                | mg/L  |        | 0.05  | 0.00011     | 0.000025    | 0.002       | 0.0003      |
| Selenium (Se)-Total       | 0.00005                | mg/L  | 0.1    |       | 0.000085    | 0.00004     | 0.00166     | 0.0003      |
| Silicon (Si)-Dissolved    | 0.05                   | mg/L  |        |       | 9.39        | 12.1        | 11.6        | 11.6        |
| Silicon (Si)-Total        | 0.1                    | mg/L  |        |       | 10.2        | 13.2        | 12.7        | 12.7        |
| Silver (Ag)-Dissolved     | 0.0001                 | mg/L  |        |       | 0.000009    | 0.000001    | 0.000002    | 0.000002    |
| Silver (Ag)-Total         | 0.0001                 | mg/L  | 0.0001 |       | 0.00001     | 0.00024     | 0.000008    | 0.000005    |
| Sodium (Na)-Dissolved     | 0.1                    | mg/L  |        |       | 12.6        | 15.2        | 51.3        | 6.68        |
| Sodium (Na)-Total         | 0.1                    | mg/L  |        |       | 12.9        | 15.9        | 54.3        | 6.98        |
| Strontium (Sr)-Dissolved  | 0.001                  | mg/L  |        |       | 0.231       | 0.542       | 0.138       | 0.258       |
| Strontium (Sr)-Total      | 0.001                  | mg/L  |        |       | 0.235       | 0.547       | 0.143       | 0.264       |
| Sulfur (S)-Dissolved      | 0.5                    | mg/L  |        |       | 3.6         | 11.8        | 7           | 2.2         |
| Sulfur (S)-Total          | 0.5                    | mg/L  |        |       | 3.6         | 11.4        | 7.2         | 2.8         |
| Tellurium (Te)-Dissolved  | 0.001                  | mg/L  |        |       | <0.00001    | 0.00004     | <0.00001    | 0.00002     |
| Tellurium (Te)-Total      | 0.001                  | mg/L  |        |       | 0.00002     | 0.00004     | 0.00004     | 0.00004     |
| Thallium (Tl)-Dissolved   | 0.0003                 | mg/L  |        |       | 0.000004    | <0.000002   | 0.000006    | 0.000004    |
| Thallium (Tl)-Total       | 0.0003                 | mg/L  | 0.0003 |       | <0.000005   | <0.000005   | 0.000005    | 0.000005    |
| Thorium (Th)-Dissolved    | 0.0001                 | mg/L  |        |       | <0.00001    | <0.00001    | <0.00001    | <0.00001    |
| Thorium (Th)-Total        | 0.0001                 | mg/L  |        |       | <0.00001    | <0.00001    | <0.00001    | <0.00001    |
| Tin (Sn)-Dissolved        | 0.001                  | mg/L  |        |       | <0.000005   | <0.000005   | 0.00001     | 0.00001     |
| Tin (Sn)-Total            | 0.001                  | mg/L  |        |       | 0.00005     | 0.00009     | 0.0001      | 0.0002      |
| Titanium (Ti)-Dissolved   | 0.002                  | mg/L  |        |       | <0.00002    | <0.00002    | <0.00002    | <0.00002    |
| Titanium (Ti)-Total       | 0.002                  | mg/L  |        |       | 0.00006     | 0.0003      | 0.0003      | 0.0002      |
| Tungsten (W)-Dissolved    | 0.01                   | mg/L  |        |       | 0.00002     | 0.000068    | 0.000002    | 0.000002    |
| Tungsten (W)-Total        | 0.01                   | mg/L  |        |       | 0.00002     | 0.00008     | <0.00001    | <0.00001    |
| Uranium (U)-Dissolved     | 0.005                  | mg/L  |        | 0.02  | 0.0011      | 0.0018      | 0.0019      | 0.0027      |
| Uranium (U)-Total         | 0.005                  | mg/L  | 0.005  |       | 0.0012      | 0.0018      | 0.002       | 0.0028      |
| Vanadium (V)-Dissolved    | 0.001                  | mg/L  |        |       | 0.0001      | <0.00002    | 0.0005      | 0.0002      |
| Vanadium (V)-Total        | 0.001                  | mg/L  | 0.006  |       | 0.0001      | 0.0001      | 0.0006      | 0.0003      |
| Zinc (Zn)-Dissolved       | 0.003                  | mg/L  |        |       | 0.0224      | 0.0106      | 0.044       | 0.0682      |
| Zinc (Zn)-Total           | 0.003                  | mg/L  | 0.02   |       | 0.0275      | 0.0105      | 0.052       | 0.0685      |
| Zirconium (Zr)-Dissolved  | 0.001                  | mg/L  |        |       | 0.00001     | 0.0002      | 0.00009     | 0.0002      |
| Zirconium (Zr)-Total      | 0.001                  | mg/L  | 0.004  |       | 0.000014    | 0.0002      | 0.0001      | 0.0002      |

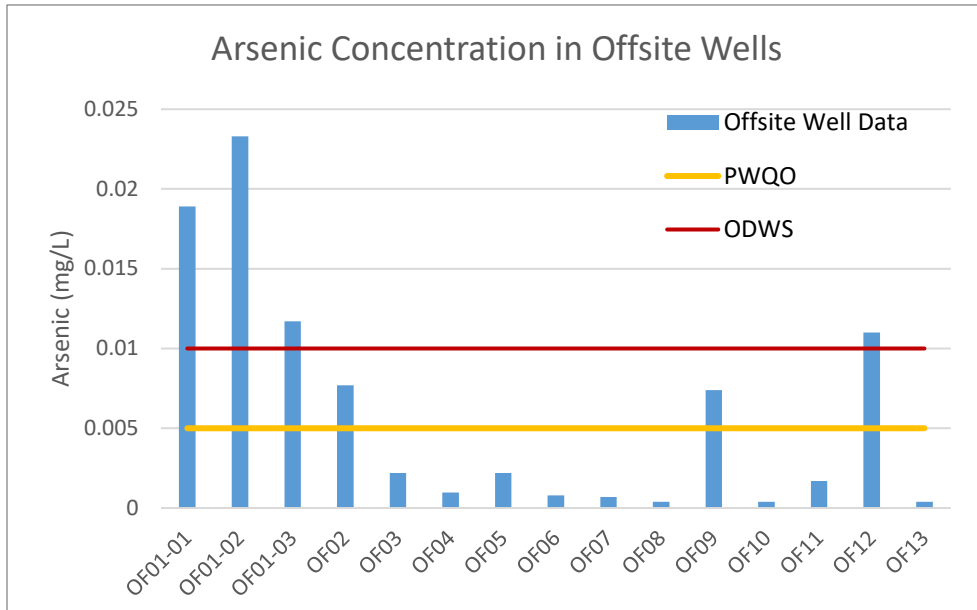
**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID                |                        |       |         |         | OF12        | OF13       |
|---------------------------------|------------------------|-------|---------|---------|-------------|------------|
| Parameter                       | Lowest Detection Limit | Units | PWQO    | ODWS    | 29-Oct-2020 | 2-Nov-2020 |
| Alkalinity, Total (as CaCO3)    | 2                      | mg/L  |         |         | 400         | 575        |
| Ammonia, Total (as N)           | 0.02                   | mg/L  |         |         | 0.24        | 0.044      |
| Chloride (Cl)                   | 0.1                    | mg/L  |         |         | 3.38        | 7.14       |
| Conductivity (EC)               | 1                      | uS/cm |         |         | 728         | 977        |
| Cyanide, Free                   | 0.002                  | mg/L  |         | 0.2     | 0.0002      | 0.0006     |
| Cyanide, Total                  | 0.002                  | mg/L  | 0.005   | 0.2     | <0.0002     | <0.0002    |
| Cyanide, Weak Acid Dissociative | 0.002                  | mg/L  |         |         | <0.0001     | 0.0003     |
| Field Temperature               | NA                     | °C    |         |         | 14          |            |
| Hardness (as CaCO3)             | 0.51                   | mg/L  |         |         | 356         | 523        |
| Nitrate (as N)                  | 0.02                   | mg/L  |         | 10      | 0.041       | 0.096      |
| Nitrite (as N)                  | 0.01                   | mg/L  |         | 1       | <0.0002     | 0.014      |
| pH                              | 0.1                    | pH    | 6.5-8.5 | 6.5-8.5 | 8.21        | 7.63       |
| Sulfate (SO4)                   | 0.3                    | mg/L  |         |         | 23.2        | 19.8       |
| Total Dissolved Solids          | 20                     | mg/L  |         |         | 436         | 548        |
| Aluminum (Al)-Dissolved         | 0.005                  | mg/L  |         | 0.1     | 0.0006      | 0.0004     |
| Aluminum (Al)-Total             | 0.005                  | mg/L  | 0.075   |         | 0.0016      | <0.0002    |
| Antimony (Sb)-Dissolved         | 0.0006                 | mg/L  |         | 0.006   | 0.00002     | 0.00004    |
| Antimony (Sb)-Total             | 0.0006                 | mg/L  | 0.02    |         | 0.00003     | 0.00004    |
| Arsenic (As)-Dissolved          | 0.001                  | mg/L  |         | 0.01    | 0.0111      | 0.0002     |
| Arsenic (As)-Total              | 0.001                  | mg/L  | 0.005   |         | 0.011       | 0.0004     |
| Barium (Ba)-Dissolved           | 0.01                   | mg/L  |         | 1.0     | 0.093       | 0.127      |
| Barium (Ba)-Total               | 0.01                   | mg/L  |         |         | 0.097       | 0.136      |
| Beryllium (Be)-Dissolved        | 0.001                  | mg/L  |         |         | <0.000002   | <0.000002  |
| Beryllium (Be)-Total            | 0.001                  | mg/L  | 0.0011  |         | <0.0000001  | <0.0000001 |
| Bismuth (Bi)-Dissolved          | 0.001                  | mg/L  |         |         | <0.000002   | <0.000002  |
| Bismuth (Bi)-Total              | 0.001                  | mg/L  |         |         | <0.00001    | <0.00001   |
| Boron (B)-Dissolved             | 0.05                   | mg/L  |         | 5.0     | 0.095       | 0.018      |
| Boron (B)-Total                 | 0.05                   | mg/L  | 0.2     |         | 0.09        | 0.014      |
| Cadmium (Cd)-Dissolved          | 0.000017               | mg/L  |         | 0.005   | 0.000015    | 0.000047   |
| Cadmium (Cd)-Total              | 0.000017               | mg/L  | 0.0001  |         | 0.000014    | 0.000063   |
| Calcium (Ca)-Dissolved          | 0.2                    | mg/L  |         |         | 85.4        | 104        |
| Calcium (Ca)-Total              | 0.2                    | mg/L  |         |         | 86.6        | 108        |
| Cesium (Cs)-Dissolved           | 0.00001                | mg/L  |         |         | 0.000012    | 0.000013   |
| Cesium (Cs)-Total               | 0.00001                | mg/L  |         |         | 0.000012    | 0.000012   |
| Chromium (Cr)-Dissolved         | 0.001                  | mg/L  |         | 0.05    | 0.00005     | 0.00004    |
| Chromium (Cr)-Total             | 0.001                  | mg/L  | 0.001   |         | 0.0001      | 0.0001     |
| Cobalt (Co)-Dissolved           | 0.0005                 | mg/L  |         |         | 0.00013     | 0.00064    |
| Cobalt (Co)-Total               | 0.0005                 | mg/L  | 0.0009  |         | 0.00014     | 0.00064    |
| Copper (Cu)-Dissolved           | 0.001                  | mg/L  |         | 1       | 0.0011      | 0.0021     |
| Copper (Cu)-Total               | 0.001                  | mg/L  | 0.005   |         | 0.0099      | 0.0039     |
| Iron (Fe)-Dissolved             | 0.02                   | mg/L  |         |         | 0.582       | 0.587      |
| Iron (Fe)-Total                 | 0.02                   | mg/L  | 0.3     |         | 0.644       | 1.48       |
| Lead (Pb)-Dissolved             | 0.00005                | mg/L  |         | 0.01    | <0.00001    | <0.00001   |
| Lead (Pb)-Total                 | 0.00005                | mg/L  | 0.001   |         | 0.0002      | 0.00004    |
| Lithium (Li)-Dissolved          | 0.05                   | mg/L  |         |         | 0.034       | 0.026      |
| Lithium (Li)-Total              | 0.05                   | mg/L  |         |         | 0.036       | 0.028      |

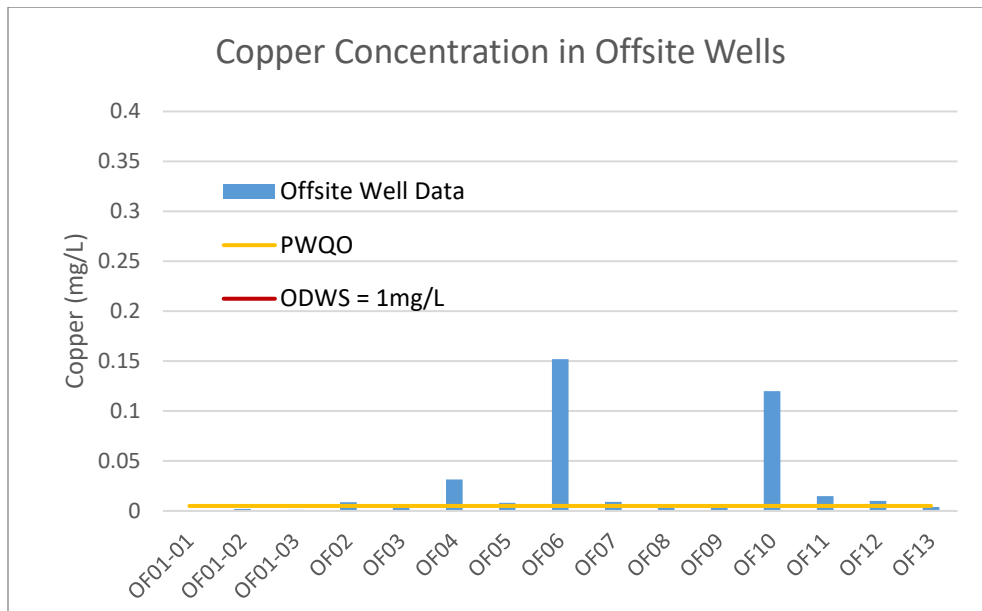
**Table 1: Off Site Groundwater 2020 Water Chemistry Sample Results continued**

| Client Sample ID          |                        |       |               |              | OF12          | OF13         |
|---------------------------|------------------------|-------|---------------|--------------|---------------|--------------|
| Parameter                 | Lowest Detection Limit | Units | PWQO          | ODWS         | 29-Oct-2020   | 2-Nov-2020   |
| Magnesium (Mg)-Dissolved  | 0.02                   | mg/L  |               |              | 34.6          | 64.1         |
| Magnesium (Mg)-Total      | 0.02                   | mg/L  |               |              | 35.1          | 67.1         |
| Manganese (Mn)-Dissolved  | 0.001                  | mg/L  |               |              | 0.342         | 0.449        |
| Manganese (Mn)-Total      | 0.001                  | mg/L  |               |              | 0.358         | 0.468        |
| Mercury (Hg)-Dissolved    | 0.00003                | mg/L  |               | <b>0.001</b> | <0.000005     | <0.000005    |
| Mercury (Hg)-Total        | 0.00003                | mg/L  | <b>0.0002</b> |              | <0.000005     | <0.000005    |
| Molybdenum (Mo)-Dissolved | 0.001                  | mg/L  |               |              | 0.0042        | 0.0071       |
| Molybdenum (Mo)-Total     | 0.001                  | mg/L  | <b>0.04</b>   |              | 0.0045        | 0.0075       |
| Nickel (Ni)-Dissolved     | 0.002                  | mg/L  |               |              | 0.0021        | 0.0059       |
| Nickel (Ni)-Total         | 0.002                  | mg/L  | <b>0.025</b>  |              | 0.0022        | 0.0062       |
| Phosphorus (P)-Dissolved  | 0.05                   | mg/L  |               |              | 0.125         | <0.005       |
| Phosphorus (P)-Total      | 0.05                   | mg/L  | <b>0.03</b>   |              | <b>0.08</b>   | 0.015        |
| Potassium (K)-Dissolved   | 0.5                    | mg/L  |               |              | 5.19          | 3.52         |
| Potassium (K)-Total       | 0.5                    | mg/L  |               |              | 5.21          | 3.76         |
| Rubidium (Rb)-Dissolved   | 0.0002                 | mg/L  |               |              | 0.0015        | 0.00372      |
| Rubidium (Rb)-Total       | 0.0002                 | mg/L  |               |              | 0.00158       | 0.00389      |
| Selenium (Se)-Dissolved   | 0.00005                | mg/L  |               | <b>0.05</b>  | 0.000015      | 0.00022      |
| Selenium (Se)-Total       | 0.00005                | mg/L  | <b>0.1</b>    |              | 0.000025      | 0.000175     |
| Silicon (Si)-Dissolved    | 0.05                   | mg/L  |               |              | 11.1          | 11.3         |
| Silicon (Si)-Total        | 0.1                    | mg/L  |               |              | 12            | 12           |
| Silver (Ag)-Dissolved     | 0.0001                 | mg/L  |               |              | 0.00002       | 0.000001     |
| Silver (Ag)-Total         | 0.0001                 | mg/L  | <b>0.0001</b> |              | 0.00001       | 0.000001     |
| Sodium (Na)-Dissolved     | 0.1                    | mg/L  |               |              | 18.4          | 11           |
| Sodium (Na)-Total         | 0.1                    | mg/L  |               |              | 19.8          | 11.4         |
| Strontium (Sr)-Dissolved  | 0.001                  | mg/L  |               |              | 0.606         | 0.184        |
| Strontium (Sr)-Total      | 0.001                  | mg/L  |               |              | 0.642         | 0.189        |
| Sulfur (S)-Dissolved      | 0.5                    | mg/L  |               |              | 7.6           | 6            |
| Sulfur (S)-Total          | 0.5                    | mg/L  |               |              | 7.4           | 6            |
| Tellurium (Te)-Dissolved  | 0.001                  | mg/L  |               |              | 0.00001       | <0.00001     |
| Tellurium (Te)-Total      | 0.001                  | mg/L  |               |              | 0.00006       | 0.00002      |
| Thallium (Tl)-Dissolved   | 0.0003                 | mg/L  |               |              | <0.000002     | 0.00001      |
| Thallium (Tl)-Total       | 0.0003                 | mg/L  | <b>0.0003</b> |              | <0.000005     | 0.00002      |
| Thorium (Th)-Dissolved    | 0.0001                 | mg/L  |               |              | <0.00001      | <0.00001     |
| Thorium (Th)-Total        | 0.0001                 | mg/L  |               |              | <0.00001      | <0.00001     |
| Tin (Sn)-Dissolved        | 0.001                  | mg/L  |               |              | 0.00001       | 0.000005     |
| Tin (Sn)-Total            | 0.001                  | mg/L  |               |              | 0.00006       | 0.00002      |
| Titanium (Ti)-Dissolved   | 0.002                  | mg/L  |               |              | <0.00002      | <0.00002     |
| Titanium (Ti)-Total       | 0.002                  | mg/L  |               |              | 0.0001        | 0.00007      |
| Tungsten (W)-Dissolved    | 0.01                   | mg/L  |               |              | 0.00007       | 0.00001      |
| Tungsten (W)-Total        | 0.01                   | mg/L  |               |              | 0.00007       | 0.00001      |
| Uranium (U)-Dissolved     | 0.005                  | mg/L  |               | <b>0.02</b>  | 0.0125        | 0.0031       |
| Uranium (U)-Total         | 0.005                  | mg/L  | <b>0.005</b>  |              | <b>0.0131</b> | 0.0033       |
| Vanadium (V)-Dissolved    | 0.001                  | mg/L  |               |              | 0.0002        | 0.00008      |
| Vanadium (V)-Total        | 0.001                  | mg/L  | <b>0.006</b>  |              | 0.0002        | 0.0003       |
| Zinc (Zn)-Dissolved       | 0.003                  | mg/L  |               |              | 0.0236        | 0.0604       |
| Zinc (Zn)-Total           | 0.003                  | mg/L  | <b>0.02</b>   |              | <b>0.027</b>  | <b>0.064</b> |
| Zirconium (Zr)-Dissolved  | 0.001                  | mg/L  |               |              | 0.00009       | 0.00007      |
| Zirconium (Zr)-Total      | 0.001                  | mg/L  | <b>0.004</b>  |              | 0.00008       | 0.0001       |

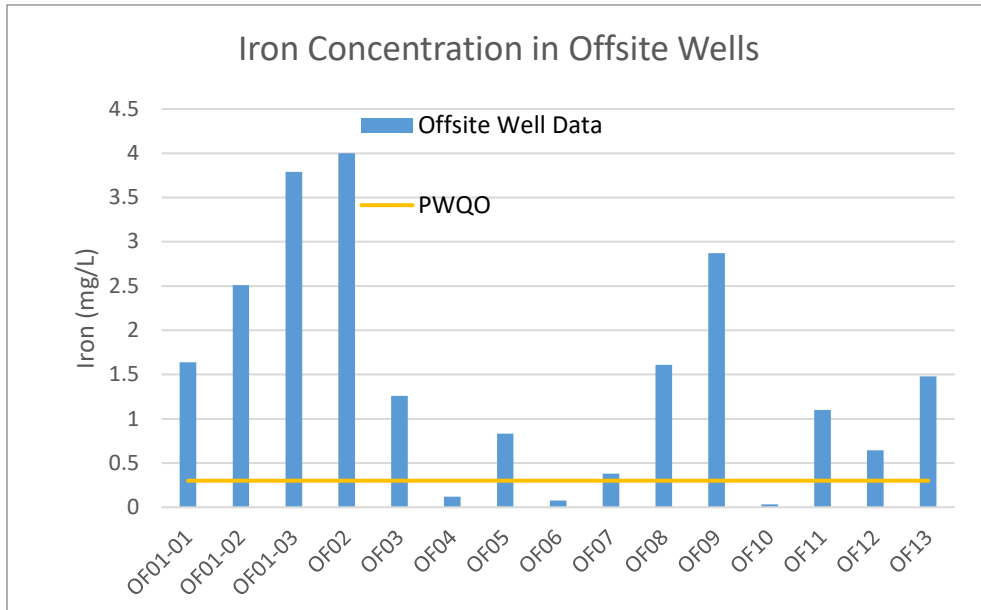
**Figure 1: Arsenic Concentration in Offsite Wells**



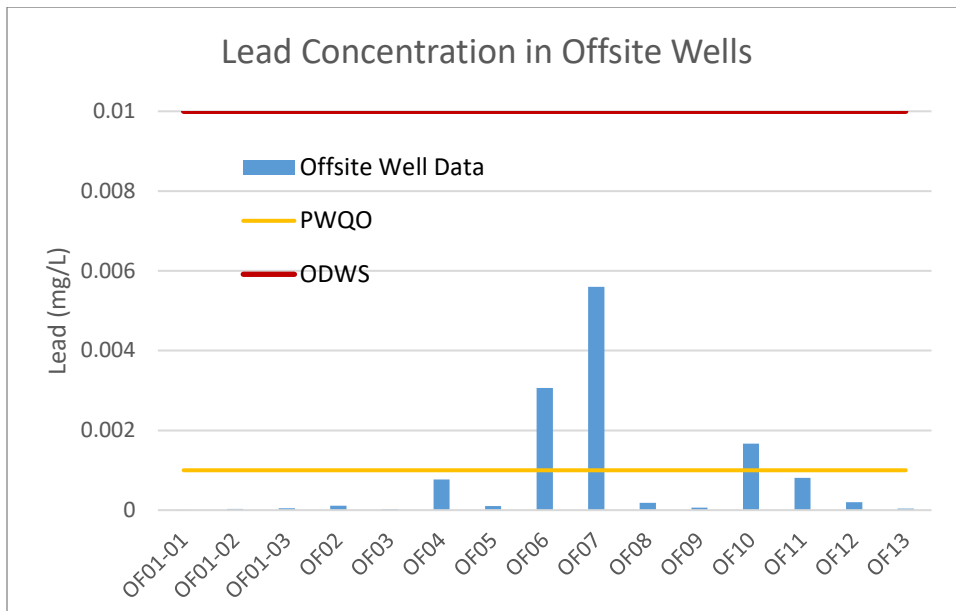
**Figure 2: Copper Concentration in Offsite Wells**



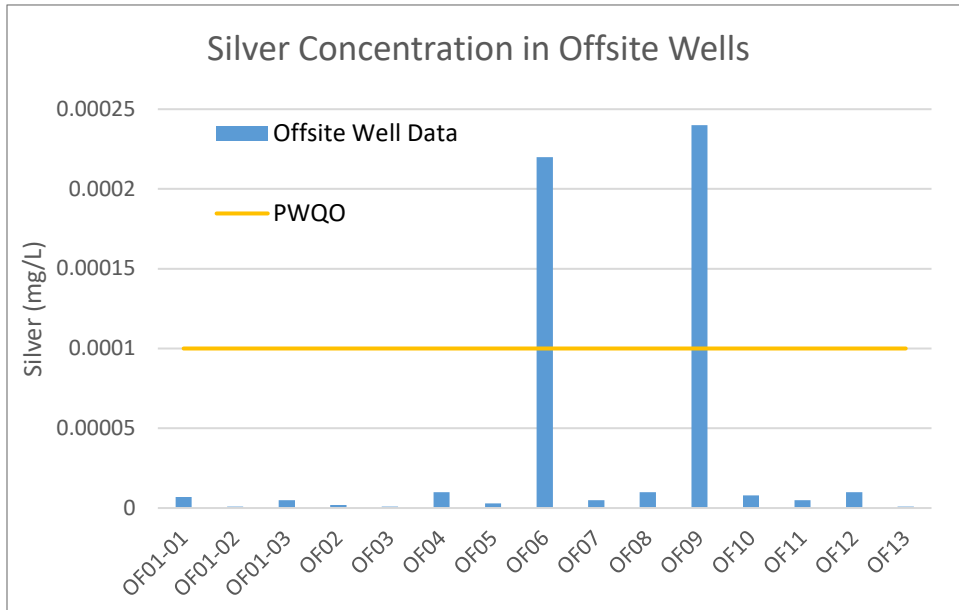
**Figure 3: Iron Concentration in Offsite Wells**



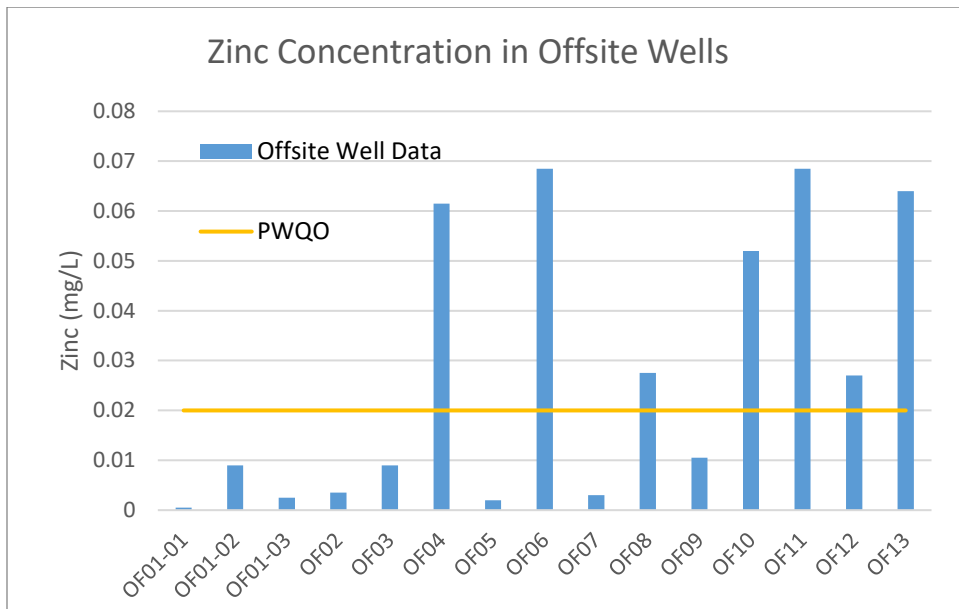
**Figure 4: Lead Concentration in Offsite Wells**



**Figure 5: Silver Concentration in Offsite Wells**



**Figure 6: Zinc Concentration in Offsite Wells**



**Table 2: Off Site Groundwater Water Chemistry Sample Results Summary by Well**

| Client Sample ID | Date Sampled   | Alkalinity, Total (as CaCO3) | Ammonia, Total (as N) | Chloride (Cl) | Conductivity (EC) | Cyanide, Free | Cyanide, Total | Cyanide, Weak Acid Dissolved | Hardness (as CaCO3) | Nitrate (as N) | Nitrite (as N) | pH          | Sulfate (SO4) | Total Dissolved Solids | Aluminum (Al)-Dissolved | Aluminum (Al)-Total | Antimony (Sb)-Dissolved | Antimony (Sb)-Total | Arsenic (As)-Dissolved | Arsenic (As)-Total | Barium (Ba)-Dissolved | Barium (Ba)-Total | Beryllium (Be)-Dissolved | Beryllium (Be)-Total | Bismuth (Bi)-Dissolved | Bismuth (Bi)-Total | Boron (B)-Dissolved | Boron (B)-Total |
|------------------|----------------|------------------------------|-----------------------|---------------|-------------------|---------------|----------------|------------------------------|---------------------|----------------|----------------|-------------|---------------|------------------------|-------------------------|---------------------|-------------------------|---------------------|------------------------|--------------------|-----------------------|-------------------|--------------------------|----------------------|------------------------|--------------------|---------------------|-----------------|
| Unit             |                | mg/L                         | mg/L                  | mg/L          | uS/cm             | mg/L          | mg/L           | mg/L                         | mg/L                | mg/L           | mg/L           | pH          | mg/L          | mg/L                   | mg/L                    | mg/L                | mg/L                    | mg/L                | mg/L                   | mg/L               | mg/L                  | mg/L              | mg/L                     | mg/L                 | mg/L                   | mg/L               | mg/L                | mg/L            |
|                  | PWQO           |                              |                       |               |                   |               | 0.0050         |                              |                     |                |                | 6.5-8.5     |               |                        | 0.0750                  |                     | 0.020                   |                     |                        | 0.005              |                       |                   | 0.0011                   |                      |                        |                    |                     | 0.20            |
|                  | ODWG           |                              |                       |               |                   | 0.20          | 0.20           |                              |                     | 10             | 1.00           | 6.5-8.5     |               |                        | 0.100                   |                     | 0.006                   |                     | 0.01                   |                    | 1.00                  |                   |                          |                      |                        |                    | 5.00                |                 |
| OF01(-01)        | 11-Oct-2017    | 506                          | 0.658                 | 9.37          | 958               | 0.0001        | 0.0002         | 0.0001                       | 476                 | 0.005          |                | 7.87        | 70.4          | 555                    | 0.001                   | 0.0010              | 0.00001                 | 0.00001             | 0.0188                 | 0.0192             | 0.050                 | 0.052             | 0.00001                  | 0.00001              | 0.00002                | 0.00002            | 0.171               | 0.202           |
| OF01(-01)        | 26-Sep-2018    | 476                          | 0.022                 | 9.43          | 1060              | 0.0002        | 0.0002         | 0.0001                       | 11.6                | 0.015          | 0.002          | 7.94        | 72.1          | 666                    | 0.0018                  | 0.0012              | 0.00064                 | 0.00078             | 0.0107                 | 0.0099             | 0.004                 | 0.004             | 0.000002                 | 0.00001              | 0.00002                | 0.00004            | 0.213               | 0.187           |
| OF01-01          | 3-Oct-2019     | 473                          | 0.496                 | 8.18          | 950               | 0.0001        | 0.0006         | 0.0001                       | 478                 | 0.001          | 0.002          | 7.66        | 62.6          | 552                    | 0.0006                  | 0.0002              | 0.00001                 | 0.00002             | 0.0186                 | 0.0182             | 0.051                 | 0.05              | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.142               | 0.165           |
| OF01-01          | 3-Nov-2020     | 491                          | 0.474                 | 10.2          | 962               | 0.0003        | 0.0002         | 0.0001                       | 457                 | 0.014          | 0.001          | 8.03        | 79.3          | 572                    | 0.0008                  | 0.0014              | 0.000005                | 0.000005            | 0.0186                 | 0.0189             | 0.051                 | 0.053             | 0.000002                 | 0.000001             | 0.00002                | 0.00001            | 0.166               | 0.17            |
| OF01-01          | <b>Average</b> | <b>487</b>                   | <b>0.413</b>          | <b>9.30</b>   | <b>983</b>        | <b>0.0002</b> | <b>0.0003</b>  | <b>0.0001</b>                | <b>356</b>          | <b>0.009</b>   | <b>0.002</b>   | <b>7.88</b> | <b>71.1</b>   | <b>586</b>             | <b>0.0011</b>           | <b>0.0010</b>       | <b>0.00017</b>          | <b>0.00020</b>      | <b>0.016675</b>        | <b>0.0166</b>      | <b>0.039</b>          | <b>0.040</b>      | <b>0.000004</b>          | <b>0.000003</b>      | <b>0.000007</b>        | <b>0.000009</b>    | <b>0.173</b>        | <b>0.181</b>    |
| OF01-2           | 3-Oct-2019     | 470                          | 0.482                 | 9.79          | 921               | 0.0001        | 0.0002         | 0.0001                       | 451                 | 0.001          | 0.001          | 7.60        | 47.9          | 526                    | 0.0004                  | 0.001               | 0.00001                 | 0.00002             | 0.0211                 | 0.0217             | 0.088                 | 0.087             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.136               | 0.154           |
| OF01-2           | 3-Nov-2020     | 476                          | 0.4                   | 12.9          | 922               | 0.0003        | 0.0002         | 0.0001                       | 439                 | 0.02           | 0.001          | 8.1         | 60.4          | 546                    | 0.0002                  | 0.0006              | 0.000005                | 0.000005            | 0.0186                 | 0.0233             | 0.087                 | 0.092             | 0.000002                 | 0.0000078            | 0.00002                | 0.00001            | 0.161               | 0.163           |
| OF01-2           | <b>Average</b> | <b>473</b>                   | <b>0.441</b>          | <b>11.35</b>  | <b>922</b>        | <b>0.0002</b> | <b>0.0002</b>  | <b>0.0001</b>                | <b>445</b>          | <b>0.011</b>   | <b>0.0010</b>  | <b>7.85</b> | <b>54.2</b>   | <b>536</b>             | <b>0.0003</b>           | <b>0.00080</b>      | <b>0.00001</b>          | <b>0.00001</b>      | <b>0.0199</b>          | <b>0.0225</b>      | <b>0.088</b>          | <b>0.089500</b>   | <b>0.000002</b>          | <b>0.000004</b>      | <b>0.000002</b>        | <b>0.000006</b>    | <b>0.149</b>        | <b>0.159</b>    |
| OF01-3           | 3-Oct-2019     | 470                          | 0.482                 | 9.79          | 921               | 0.0001        | 0.0002         | 0.0001                       | 451                 | 0.001          | 0.001          | 7.60        | 47.9          | 526                    | 0.0004                  | 0.001               | 0.00001                 | 0.00002             | 0.0211                 | 0.0217             | 0.088                 | 0.087             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.136               | 0.154           |
| OF01-3           | 3-Nov-2020     | 553                          | 0.128                 | 1.14          | 936               | 0.0003        | 0.0002         | 0.0001                       | 498                 | 0.02           | 0.001          | 8.02        | 18            | 530                    | 0.0004                  | 0.0234              | 0.000005                | 0.00002             | 0.0108                 | 0.0117             | 0.105                 | 0.112             | 0.000002                 | 0.000003             | 0.00002                | 0.00001            | 0.055               | 0.042           |
| OF01-3           | <b>Average</b> | <b>512</b>                   | <b>0.305</b>          | <b>5.47</b>   | <b>929</b>        | <b>0.0002</b> | <b>0.0002</b>  | <b>0.0001</b>                | <b>475</b>          | <b>0.011</b>   | <b>0.0010</b>  | <b>7.81</b> | <b>33.0</b>   | <b>528</b>             | <b>0.0004</b>           | <b>0.01220</b>      | <b>0.00001</b>          | <b>0.00002</b>      | <b>0.0160</b>          | <b>0.0167</b>      | <b>0.097</b>          | <b>0.099500</b>   | <b>0.000002</b>          | <b>0.000002</b>      | <b>0.000002</b>        | <b>0.000006</b>    | <b>0.096</b>        | <b>0.098</b>    |
| OF02             | 11-Oct-2017    | 526                          | 0.674                 | 3.77          | 905               | 0.0001        | 0.0002         | 0.0001                       | 474                 | 0.005          |                | 8.10        | 35.7          | 525                    | 0.001                   | 0.0015              | 0.00001                 | 0.00002             | 0.00490                | 0.0052             | 0.071                 | 0.070             | 0.00001                  | 0.00001              | 0.00002                | 0.00002            | 0.192               | 0.210           |
| OF02             | 25-Sep-2018    | 481                          | 0.762                 | 4.27          | 909               | 0.0002        | 0.0002         | 0.0001                       | 450                 | 0.020          | 0.004          | 7.62        | 39.3          | 524                    | 0.0006                  | 0.0008              | 0.000005                | 0.00006             | 0.0076                 | 0.0072             | 0.067                 | 0.068             | 0.000002                 | 0.00002              | 0.00002                | 0.00003            | 0.174               | 0.159           |
| OF02             | 4-Oct-2019     | 537                          | 0.090                 | 3.65          | 917               | 0.0001        | 0.0006         | 0.0001                       | 498                 | 0.024          | 0.009          | 8.05        | 18.1          | 498                    | 0.001                   | 0.005               | 0.00013                 | 0.00012             | 0.0011                 | 0.0018             | 0.074                 | 0.077             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.113               | 0.127           |
| OF02             | 28-Oct-2020    | 490                          | 0.728                 | 4.66          | 894               | 0.0003        | 0.0002         | 0.0001                       | 444                 | 0.016          | 0.001          | 8.01        | 40.4          | 542                    | 0.0002                  | 0.0034              | 0.000005                | 0.00002             | 0.0073                 | 0.0077             | 0.068                 | 0.072             | 0.000002                 | 0.000001             | 0.00002                | 0.00001            | 0.173               | 0.162           |
| OF02             | <b>Average</b> | <b>509</b>                   | <b>0.564</b>          | <b>4.09</b>   | <b>906</b>        | <b>0.0002</b> | <b>0.0003</b>  | <b>0.0001</b>                | <b>467</b>          | <b>0.016</b>   | <b>0.005</b>   | <b>7.95</b> | <b>33.4</b>   | <b>522</b>             | <b>0.0007</b>           | <b>0.0027</b>       | <b>0.00004</b>          | <b>0.00006</b>      | <b>0.00523</b>         | <b>0.0055</b>      | <b>0.070</b>          | <b>0.072</b>      | <b>0.000004</b>          | <b>0.000003</b>      | <b>0.000007</b>        | <b>0.000016</b>    | <b>0.163</b>        | <b>0.165</b>    |
| OF03             | 11-Oct-2017    | 460                          | 0.256                 | 7.67          | 796               | 0.0002        | 0.0002         | 0.0001                       | 424                 | 0.005          |                | 7.85        | 17.3          | 455                    | 0.001                   | 0.0020              | 0.00005                 | 0.00006             | 0.00190                | 0.0024             | 0.077                 | 0.081             | 0.00001                  | 0.00001              | 0.00002                | 0.00002            | 0.049               | 0.047           |
| OF03             | 27-Sep-2018    | 318                          | 0.086                 | 18.9          | 615               | 0.0003        | 0.0002         | 0.0001                       | 320                 | 0.045          | 0.003          | 7.78        | 6.12          | 346                    | 0.0014                  | 0.0362              | 0.00002                 | 0.00026             | 0.0007                 | 0.0014             | 0.054                 | 0.053             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.033               | 0.030           |
| OF03             | 3-Oct-2019     | 464                          | 0.06                  | 7.63          | 832               | 0.0001        | 0.0006         | 0.0002                       | 445                 | 0.049          | 0.001          | 7.43        | 14.3          | 470                    | 0.002                   | 0.0074              | 0.00011                 | 0.0001              | 0.0009                 | 0.0019             | 0.075                 | 0.076             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.034               | 0.038           |
| OF03             | 29-Oct-2020    | 480                          | 0.056                 | 11.3          | 860               | 0.0003        | 0.0002         | 0.0001                       | 447                 | 0.082          | 0.0002         | 7.99        | 18.1          | 506                    | 0.0004                  | 0.001               | 0.00003                 | 0.00003             | 0.0009                 | 0.0022             | 0.071                 | 0.071             | 0.000002                 | 0.000001             | 0.00002                | 0.00001            | 0.042               | 0.041           |
| OF03             | <b>Average</b> | <b>431</b>                   | <b>0.115</b>          | <b>11.38</b>  | <b>776</b>        | <b>0.0002</b> | <b>0.0003</b>  | <b>0.0001</b>                | <b>409</b>          | <b>0.045</b>   | <b>0.001</b>   | <b>7.76</b> | <b>14.0</b>   | <b>444</b>             | <b>0.0012</b>           | <b>0.0117</b>       | <b>0.00010</b>          | <b>0.00011</b>      | <b>0.00110</b>         | <b>0.0020</b>      | <b>0.069</b>          | <b>0.070</b>      | <b>0.000004</b>          | <b>0.000003</b>      | <b>0.000007</b>        | <b>0.000009</b>    | <b>0.040</b>        | <b>0.039</b>    |
| OF04             | 11-Oct-2017    | 541                          | 0.054                 | 103           | 1270              | 0.0001        | 0.0002         | 0.0001                       | 612                 | 0.760          |                | 7.42        | 36.6          | 825                    | 0.001                   | 0.0015              | 0.00043                 | 0.00049             | 0.00070                | 0.0009             | 0.116                 | 0.120             | 0.00001                  | 0.00001              | 0.00002                | 0.00002            | 0.167               | 0.197           |
| OF04             | 26-Sep-2018    | 521                          | 0.234                 | 107           | 1310              | 0.0001        | 0.0002         | 0.0001                       | 617                 | 0.65           | 0.004          | 7.80        | 37.7          | 754                    | 0.0014                  | 0.0002              | 0.00038                 | 0.00042             | 0.0007                 | 0.0007             | 0.12                  | 0.118             | 0.000002                 | 0.00001              | 0.00006                | 0.00002            | 0.162               | 0.151           |
| OF04             | 3-Oct-2019     | 515                          | 0.06                  | 55.9          | 1100              | 0.0004        | 0.001          | 0.0009                       | 530                 | 0.515          | 0.003          | 7.46        | 19.9          | 602                    | 0.001                   | 0.001               | 0.00072                 | 0.0007              | 0.001                  | 0.0024             | 0.086                 | 0.088             | 0.000002                 | 0.00001              | 0.00004                | 0.00002            | 0.12                | 0.14            |
| OF04             | 28-Oct-2020    | 549                          | 0.096                 | 101           | 1260              | 0.0004        | 0.0002         | 0.0001                       | 594                 | 0.774          | 0.001          | 7.91        | 29.2          | 748                    | 0.001                   | 0.0034              | 0.00042                 | 0.00041             | 0.0007                 | 0.00098            | 0.11                  | 0.11              | 0.000002                 | 0.000001             | 0.00002                | 0.00001            | 0.139               | 0.141           |
| OF04             | <b>Average</b> | <b>532</b>                   | <b>0.111</b>          | <b>91.7</b>   | <b>1235</b>       | <b>0.0003</b> | <b>0.0004</b>  | <b>0.0003</b>                | <b>588.3</b>        | <b>0.675</b>   | <b>0.003</b>   | <b>7.65</b> | <b>30.9</b>   | <b>732</b>             | <b>0.0011</b>           | <b>0.0015</b>       | <b>0.00049</b>          | <b>0.00051</b>      | <b>0.00078</b>         | <b>0.0012</b>      | <b>0.108</b>          | <b>0.109</b>      | <b>0.000004</b>          | <b>0.000003</b>      | <b>0.000008</b>        | <b>0.000009</b>    | <b>0.147</b>        | <b>0.157</b>    |
| OF05             | 12-Oct-2017    | 498                          | 0.086                 | 5.74          | 865               | 0.0002        | 0.0002         | 0.0001                       | 484                 | 0.005          |                | 7.65        | 23.4          | 490                    | 0.0030                  | 0.0010              | 0.00001                 | 0.00003             | 0.00190                | 0.0019             | 0.096                 | 0.098             | 0.00001                  | 0.00001              | 0.00002                | 0.00002            | 0.046               | 0.056           |
| OF05             | 27-Sep-2018    | 466                          | 0.098                 | 3.62          | 883               | 0.0003        | 0.0002         | 0.0001                       | 479                 | 0.015          | 0.003          | 7.70        | 22.9          | 492                    | 0.0008                  | 0.0012              | 0.00002                 | 0.00006             | 0.00027                | 0.0023             | 0.092                 | 0.095             | 0.000002                 | 0.00001              | 0.00002                | 0.00002            | 0.049               | 0.043           |
| OF05             | 3-Oct-2019     | 484                          | 0.064                 | 4.03          | 862               | 0.0006        | 0.001          | 0.0005                       | 467                 | 0.001          | 0.004          | 7.38        | 21.7          | 474                    | 0.0002                  | 0.0032              | 0.00009                 | 0.00002             | 0.001                  | 0.002              | 0.087                 | 0.086             | 0.000002                 | 0.00001              | 0.00006                | 0.00002            | 0.036               | 0.044           |
| OF05             | 28-Oct-2020    | 488                          | 0.082                 | 4.21          | 860               | 0.0002        | 0.0002         | 0.0001                       | 449                 | 0.013          | 0.000          | 7.93        | 24            | 498                    | 0.0002                  | 0.0016              | 0.00005                 | 0.00003             | 0.0019                 | 0.0022             | 0.093                 | 0.095             | 0.000002                 | 0.000001             | 0.00006                | 0.00001            | 0.043               | 0.043           |
| OF05             | <b>Average</b> | <b>484</b>                   | <b>0.083</b>          | <b>4.40</b>   | <b>868</b>        | <b>0.0003</b> | <b>0.0004</b>  | <b>0.0002</b>                | <b>470</b>          | <b>0.009</b>   | <b>0.002</b>   | <b>7.67</b> | <b>23.0</b>   | <b>489</b>             | <b>0.0011</b>           | <b>0.0018</b>       | <b>0.00004</b>          | <b>0.00004</b>      | <b>0.00188</b>         | <b>0.0021</b>      | <b>0.092</b>          | <b>0.094</b>      | <b>0.000004</b>          | <b>0.000003</b>      | <b>0.000009</b>        | <b>0.000013</b>    | <b>0.044</b>        | <b>0.047</b>    |
| OF06             | 12-Oct-2017    | 598                          | 0.116                 | 3.47          | 977               | 0.0001        | 0.0002         | 0.0001                       | 549                 | 0.155          | </             |             |               |                        |                         |                     |                         |                     |                        |                    |                       |                   |                          |                      |                        |                    |                     |                 |

**Table 2: Off Site Groundwater Water Chemistry Sample Results Summary by Well Continued**

| Client Sample ID | Date Sampled   | Cadmium (Cd)-Dissolved | Cadmium (Cd)-Total | Calcium (Ca)-Dissolved | Calcium (Ca)-Total | Cesium (Cs)-Dissolved | Cesium (Cs)-Total | Chromium (Cr)-Dissolved | Chromium (Cr)-Total | Cobalt (Co)-Dissolved | Cobalt (Co)-Total | Copper (Cu)-Dissolved | Copper (Cu)-Total | Iron (Fe)-Dissolved | Iron (Fe)-Total | Lead (Pb)-Dissolved | Lead (Pb)-Total | Lithium (Li)-Dissolved | Lithium (Li)-Total | Magnesium (Mg)-Dissolved | Magnesium (Mg)-Total | Manganese (Mn)-Dissolved | Manganese (Mn)-Total | Mercury (Hg)-Dissolved | Mercury (Hg)-Total | Molybdenum (Mo)-Dissolved | Molybdenum (Mo)-Total |
|------------------|----------------|------------------------|--------------------|------------------------|--------------------|-----------------------|-------------------|-------------------------|---------------------|-----------------------|-------------------|-----------------------|-------------------|---------------------|-----------------|---------------------|-----------------|------------------------|--------------------|--------------------------|----------------------|--------------------------|----------------------|------------------------|--------------------|---------------------------|-----------------------|
| Unit             |                | mg/L                   | mg/L               | mg/L                   | mg/L               | mg/L                  | mg/L              | mg/L                    | mg/L                | mg/L                  | mg/L              | mg/L                  | mg/L              | mg/L                | mg/L            | mg/L                | mg/L            | mg/L                   | mg/L               | mg/L                     | mg/L                 | mg/L                     | mg/L                 | mg/L                   | mg/L               | mg/L                      | mg/L                  |
|                  | PWQO           |                        | 0.0001             |                        |                    |                       |                   | 0.0010                  |                     | 0.0009                |                   | 0.0050                |                   | 0.30                |                 |                     | 0.0010          |                        |                    |                          |                      |                          |                      | 0.00020                |                    | 0.040                     |                       |
|                  | ODWG           | 0.0050                 |                    |                        |                    |                       |                   | 0.050                   |                     |                       |                   | 1.00                  |                   |                     |                 | 0.010               |                 |                        |                    |                          |                      |                          |                      | 0.0010                 |                    |                           |                       |
| OF01(-01)        | 11-Oct-2017    | 0.000005               | 0.000005           | 113                    | 111                |                       |                   | 0.0001                  | 0.0001              | 0.00007               | 0.00007           | 0.0001                | 0.0001            | 1.54                | 1.79            | 0.00001             | 0.00001         | 0.051                  | 0.059              | 47.2                     | 46.9                 | 0.337                    | 0.357                | 0.000002               | 0.000002           | 0.0029                    | 0.0032                |
| OF01(-01)        | 26-Sep-2018    | 0.000103               | 0.000122           | 3.88                   | 3.92               | 0.000002              | 0.000002          | 0.0001                  | 0.00008             | 0.00002               | 0.00002           | 0.0289                | 0.0441            | 0.047               | 0.065           | 0.0314              | 0.0365          | 0.015                  | 0.015              | 0.5                      | 0.4                  | 0.0116                   | 0.0115               | 0.000001               | 0.000001           | 0.0031                    | 0.0028                |
| OF01-01          | 3-Oct-2019     | 0.0000005              | 0.000001           | 113                    | 111                | 0.000018              | 0.000015          | 0.00002                 | 0.00002             | 0.00007               | 0.00007           | 0.0003                | 0.00002           | 1.62                | 1.64            | 0.000005            | 0.000005        | 0.053                  | 0.05               | 47.3                     | 47                   | 0.341                    | 0.324                | 0.000005               | 0.000005           | 0.0028                    | 0.0031                |
| OF01-01          | 3-Nov-2020     | 0.000002               | 0.000001           | 107                    | 110                | 0.000021              | 0.00002           | 0.00003                 | 0.0001              | 0.00006               | 0.00007           | 0.0006                | 0.00002           | 1.57                | 1.64            | 0.00001             | 0.00001         | 0.05                   | 0.053              | 46.2                     | 48.7                 | 0.335                    | 0.347                | 0.000005               | 0.000005           | 0.0033                    | 0.0034                |
| <b>OF01-01</b>   | <b>Average</b> | <b>0.000028</b>        | <b>0.000032</b>    | <b>84</b>              | <b>84</b>          | <b>0.000012</b>       | <b>0.000012</b>   | <b>0.00006</b>          | <b>0.00012</b>      | <b>0.00006</b>        | <b>0.00006</b>    | <b>0.00075</b>        | <b>0.0111</b>     | <b>1.19</b>         | <b>1.28</b>     | <b>0.000786</b>     | <b>0.0091</b>   | <b>0.042</b>           | <b>0.044</b>       | <b>35.3</b>              | <b>35.8</b>          | <b>0.256</b>             | <b>0.260</b>         | <b>0.000003</b>        | <b>0.000003</b>    | <b>0.0030</b>             | <b>0.0031</b>         |
| OF01-2           | 3-Oct-2019     | 0.0000005              | 0.000001           | 109                    | 109                | 0.000016              | 0.000015          | 0.0001                  | 0.0006              | 0.00004               | 0.00004           | 0.0001                | 0.0011            | 1.51                | 1.54            | 0.000005            | 0.000005        | 0.045                  | 0.045              | 43.8                     | 42.3                 | 0.366                    | 0.351                | 0.000005               | 0.000005           | 0.0027                    | 0.0028                |
| OF01-2           | 3-Nov-2020     | 0.0000005              | 0.000002           | 103                    | 107                | 0.000015              | 0.000016          | 0.00003                 | 0.00008             | 0.00004               | 0.00005           | 0.0011                | 0.0021            | 2.06                | 2.51            | 0.00001             | 0.00003         | 0.044                  | 0.046              | 43.9                     | 44.5                 | 0.376                    | 0.39                 | 0.000005               | 0.000005           | 0.0028                    | 0.003                 |
| <b>OF01-02</b>   | <b>Average</b> | <b>0.000001</b>        | <b>0.000002</b>    | <b>106</b>             | <b>108</b>         | <b>0.000016</b>       | <b>0.00002</b>    | <b>0.00007</b>          | <b>0.00034</b>      | <b>0.00004</b>        | <b>0.00005</b>    | <b>0.0006</b>         | <b>0.002</b>      | <b>1.79</b>         | <b>2.03</b>     | <b>0.00001</b>      | <b>0.00002</b>  | <b>0.045</b>           | <b>0.05</b>        | <b>43.9</b>              | <b>43.4</b>          | <b>0.37</b>              | <b>0.37</b>          | <b>0.000005</b>        | <b>0.000005</b>    | <b>0.0028</b>             | <b>0.0029</b>         |
| OF01-3           | 3-Oct-2019     | 0.0000005              | 0.000001           | 109                    | 109                | 0.000016              | 0.000015          | 0.0001                  | 0.0006              | 0.00004               | 0.00004           | 0.0001                | 0.0011            | 1.51                | 1.54            | 0.000005            | 0.000005        | 0.045                  | 0.045              | 43.8                     | 42.3                 | 0.366                    | 0.351                | 0.000005               | 0.000005           | 0.0027                    | 0.0028                |
| OF01-3           | 3-Nov-2020     | 0.000002               | 0.000004           | 99.2                   | 100                | 0.000008              | 0.000014          | 0.00007                 | 0.0004              | 0.00005               | 0.00008           | 0.0006                | 0.0012            | 3.03                | 3.79            | 0.00001             | 0.00005         | 0.038                  | 0.038              | 60.9                     | 61.6                 | 0.365                    | 0.377                | 0.000005               | 0.000005           | 0.0033                    | 0.0035                |
| <b>OF01-03</b>   | <b>Average</b> | <b>0.000001</b>        | <b>0.000003</b>    | <b>104</b>             | <b>105</b>         | <b>0.000012</b>       | <b>0.00001</b>    | <b>0.00009</b>          | <b>0.00050</b>      | <b>0.00005</b>        | <b>0.00006</b>    | <b>0.0001</b>         | <b>0.001</b>      | <b>2.27</b>         | <b>2.67</b>     | <b>0.00001</b>      | <b>0.00003</b>  | <b>0.042</b>           | <b>0.04</b>        | <b>52.4</b>              | <b>52.0</b>          | <b>0.37</b>              | <b>0.36</b>          | <b>0.000005</b>        | <b>0.000005</b>    | <b>0.0030</b>             | <b>0.0032</b>         |
| OF02             | 11-Oct-2017    | 0.000005               | 0.000005           | 98.9                   | 97.3               |                       |                   | 0.0003                  | 0.0006              | 0.00004               | 0.00004           | 0.0001                | 0.0035            | 2.81                | 3.35            | 0.00001             | 0.00001         | 0.051                  | 0.053              | 55.1                     | 51.4                 | 0.193                    | 0.192                | 0.000002               | 0.000002           | 0.0023                    | 0.0023                |
| OF02             | 25-Sep-2018    | 0.0000005              | 0.000002           | 101                    | 101                | 0.000004              | 0.000007          | 0.00002                 | 0.00006             | 0.00003               | 0.00003           | 0.00002               | 0.0047            | 4.27                | 4.37            | 0.000005            | 0.00002         | 0.036                  | 0.041              | 48.2                     | 47.2                 | 0.231                    | 0.224                | 0.000001               | 0.000001           | 0.0018                    | 0.0017                |
| OF02             | 4-Oct-2019     | 0.000004               | 0.000004           | 92.3                   | 91.4               | 0.000009              | 0.00001           | 0.00006                 | 0.0001              | 0.00011               | 0.00012           | 0.005                 | 0.01              | 3.303               | 1.17            | 0.000005            | 0.000105        | 0.049                  | 0.048              | 64.9                     | 62.9                 | 0.0892                   | 0.0842               | 0.000005               | 0.000005           | 0.0024                    | 0.0027                |
| OF02             | 28-Oct-2020    | 0.000002               | 0.000004           | 97.8                   | 101.0              | 0.000006              | 0.000006          | 0.00004                 | 0.0001              | 0.00004               | 0.00005           | 0.0004                | 0.0086            | 3.7                 | 4               | 0.00001             | 0.00011         | 0.038                  | 0.041              | 48.6                     | 49.5                 | 0.219                    | 0.223                | 0.000005               | 0.000005           | 0.0019                    | 0.002                 |
| <b>OF02</b>      | <b>Average</b> | <b>0.000003</b>        | <b>0.000004</b>    | <b>98</b>              | <b>98</b>          | <b>0.000006</b>       | <b>0.000008</b>   | <b>0.00011</b>          | <b>0.00022</b>      | <b>0.00006</b>        | <b>0.00006</b>    | <b>0.0014</b>         | <b>0.0067</b>     | <b>2.771</b>        | <b>3.22</b>     | <b>0.00001</b>      | <b>0.00011</b>  | <b>0.044</b>           | <b>0.046</b>       | <b>54.2</b>              | <b>52.8</b>          | <b>0.183</b>             | <b>0.181</b>         | <b>0.000003</b>        | <b>0.000003</b>    | <b>0.0021</b>             | <b>0.0022</b>         |
| OF03             | 11-Oct-2017    | 0.000005               | 0.000005           | 102                    | 102                |                       |                   | 0.0001                  | 0.0001              | 0.00024               | 0.00024           | 0.0063                | 0.0212            | 2.04                | 2.72            | 0.00001             | 0.00006         | 0.025                  | 0.024              | 40.9                     | 39.2                 | 0.349                    | 0.350                | 0.000002               | 0.000002           | 0.0022                    | 0.0024                |
| OF03             | 27-Sep-2018    | 0.000002               | 0.000007           | 75.2                   | 74.7               | 0.000002              | 0.000005          | 0.0001                  | 0.0002              | 0.00009               | 0.00014           | 0.0191                | 0.0565            | 0.363               | 0.93            | 0.00001             | 0.00010         | 0.017                  | 0.016              | 32.0                     | 31.4                 | 0.0583                   | 0.0639               | 0.000001               | 0.000002           | 0.0038                    | 0.0035                |
| OF03             | 3-Oct-2019     | 0.000004               | 0.000001           | 107                    | 105                | 0.000005              | 0.000007          | 0.00006                 | 0.0002              | 0.00011               | 0.00012           | 0.037                 | 0.0426            | 0.459               | 1.06            | 0.000005            | 0.00003         | 0.026                  | 0.025              | 43.1                     | 42.2                 | 0.105                    | 0.102                | 0.000005               | 0.000005           | 0.002                     | 0.0021                |
| OF03             | 29-Oct-2020    | 0.0000005              | 0.000001           | 106                    | 108                | 0.000006              | 0.000006          | 0.00003                 | 0.0001              | 0.00018               | 0.00021           | 0.0007                | 0.0034            | 1.37                | 1.26            | 0.00001             | 0.00002         | 0.026                  | 0.028              | 44.3                     | 45.6                 | 0.231                    | 0.238                | 0.000005               | 0.000005           | 0.0025                    | 0.0026                |
| <b>OF03</b>      | <b>Average</b> | <b>0.000003</b>        | <b>0.000004</b>    | <b>98</b>              | <b>97</b>          | <b>0.000006</b>       | <b>0.000006</b>   | <b>0.00007</b>          | <b>0.00015</b>      | <b>0.00016</b>        | <b>0.00018</b>    | <b>0.0158</b>         | <b>0.0309</b>     | <b>1.058</b>        | <b>1.49</b>     | <b>0.00001</b>      | <b>0.00005</b>  | <b>0.024</b>           | <b>0.023</b>       | <b>40.1</b>              | <b>39.6</b>          | <b>0.186</b>             | <b>0.188</b>         | <b>0.000003</b>        | <b>0.000004</b>    | <b>0.0026</b>             | <b>0.0027</b>         |
| OF04             | 11-Oct-2017    | 0.000005               | 0.000010           | 131                    | 136                |                       |                   | 0.0001                  | 0.0002              | 0.00036               | 0.00044           | 0.0257                | 0.0297            | 0.020               | 0.080           | 0.0002              | 0.0004          | 0.013                  | 0.016              | 69.3                     | 69.4                 | 0.0451                   | 0.0619               | 0.000002               | 0.000002           | 0.0034                    | 0.0039                |
| OF04             | 26-Sep-2018    | 0.000006               | 0.000008           | 129                    | 133                | 0.000156              | 0.000166          | 0.0001                  | 0.0002              | 0.00033               | 0.00037           | 0.0446                | 0.0448            | 0.024               | 0.037           | 0.00096             | 0.0011          | 0.013                  | 0.015              | 71.7                     | 71.1                 | 0.046                    | 0.0477               | 0.000001               | 0.000001           | 0.0035                    | 0.0035                |
| OF04             | 3-Oct-2019     | 0.000006               | 0.000011           | 112                    | 116                | 0.000157              | 0.000155          | 0.0001                  | 0.0002              | 0.00014               | 0.00035           | 0.0325                | 0.0453            | 0.005               | 0.304           | 0.000175            | 0.00079         | 0.013                  | 0.013              | 60.6                     | 60.5                 | 0.0288                   | 0.0693               | 0.000005               | 0.000005           | 0.0028                    | 0.0027                |
| OF04             | 28-Oct-2020    | 0.000004               | 0.000008           | 124                    | 127                | 0.00022               | 0.000223          | 0.00004                 | 0.0001              | 0.00025               | 0.00028           | 0.0273                | 0.0314            | 0.04                | 0.121           | 0.00016             | 0.00077         | 0.014                  | 0.015              | 69                       | 69.8                 | 0.0586                   | 0.0664               | 0.000005               | 0.000005           | 0.003                     | 0.0031                |
| <b>OF04</b>      | <b>Average</b> | <b>0.000005</b>        | <b>0.000009</b>    | <b>124</b>             | <b>128</b>         | <b>0.000178</b>       | <b>0.000181</b>   | <b>0.00009</b>          | <b>0.00018</b>      | <b>0.00027</b>        | <b>0.00036</b>    | <b>0.0325</b>         | <b>0.0378</b>     | <b>0.022</b>        | <b>0.136</b>    | <b>0.00037</b>      | <b>0.00076</b>  | <b>0.013</b>           | <b>0.015</b>       | <b>67.7</b>              | <b>67.7</b>          | <b>0.045</b>             | <b>0.061</b>         | <b>0.000003</b>        | <b>0.000003</b>    | <b>0.0032</b>             | <b>0.0033</b>         |
| OF05             | 12-Oct-2017    | 0.000005               | 0.000005           | 111                    | 108                |                       |                   | 0.0001                  | 0.0002              | 0.00047               | 0.00049           | 0.0003                | 0.0024            | 0.680               | 0.72            | 0.00001             | 0.00003         | 0.030                  | 0.032              | 50.0                     | 49.3                 | 0.226                    | 0.235                | 0.000002               | 0.000002           | 0.0029                    | 0.0033                |
| OF05             | 27-Sep-2018    | 0.000005               | 0.000008           | 107                    | 109                | 0.000019              | 0.00002           | 0.0001                  | 0.0003              | 0.00049               | 0.00052           | 0.0117                | 0.0613            | 0.785               | 0.743           | 0.0002              | 0.00027         | 0.029                  | 0.031              | 51.3                     | 48.7                 | 0.22                     | 0.217                | 0.000001               | 0.000001           | 0.0034                    | 0.0032                |
| OF05             | 3-Oct-2019     | 0.000003               | 0.000005           | 109                    | 104                | 0.000021              | 0.000017          | 0.00004                 | 0.00006             | 0.00043               | 0.00047           | 0.0057                | 0.0154            | 0.166               | 0.723           | 0.000005            | 0.00039         | 0.032                  | 0.029              | 47.4                     | 47.5                 | 0.198                    | 0.194                | 0.000005               | 0.000005           | 0.0034                    | 0.0032                |
| OF05             | 28-Oct-2020    | 0.000005               | 0.000006           | 102                    | 104                | 0.000023              | 0.000023          | 0.00004                 | 0.0001              | 0.00047               | 0.0005            | 0.0046                | 0.0082            | 0.731               | 0.833           | 0.00002             | 0.00010         | 0.029                  | 0.032              | 47.2                     | 49.9                 | 0.196                    | 0.2                  | 0.000005               | 0.000005           | 0.0035                    | 0.0037                |
| <b>OF05</b>      | <b>Average</b> | <b>0.000005</b>        | <b>0.000006</b>    | <b>107</b>             | <b>106</b>         | <b>0.000021</b>       | <b>0.000020</b>   | <b>0.00007</b>          | <b>0.00017</b>      | <b>0.00047</b>        | <b>0.00050</b>    | <b>0.0056</b>         | <b>0.0218</b>     | <b>0.591</b>        | <b>0.75</b>     | <b>0.00006</b>      | <b>0.00080</b>  | <b>0.030</b>           | <b>0.031</b>       | <b>49.0</b>              | <b>48.9</b>          | <b>0.210</b>             | <b>0.212</b>         | <b>0.000003</b>        | <b>0.000003</b>    | <b>0.0033</b>             | <b>0.0034</b>         |
| OF06             | 12-Oct-2017    | 0.000010               | 0.000010           | 114                    |                    |                       |                   |                         |                     |                       |                   |                       |                   |                     |                 |                     |                 |                        |                    |                          |                      |                          |                      |                        |                    |                           |                       |



Table 2: Off Site Groundwater Water Chemistry Sample Results Summary by Well Continued

| Client Sample ID | Date Sampled | Nickel (Ni)-Dissolved | Nickel (Ni)-Total | Phosphorus (P)-Dissolved | Phosphorus (P)-Total | Potassium (K)-Dissolved | Potassium (K)-Total | Rubidium (Rb)-Dissolved | Rubidium (Rb)-Total | Selenium (Se)-Dissolved | Selenium (Se)-Total | Silicon (Si)-Dissolved | Silicon (Si)-Total | Silver (Ag)-Dissolved | Silver (Ag)-Total | Sodium (Na)-Dissolved | Sodium (Na)-Total | Strontium (Sr)-Dissolved | Strontium (Sr)-Total | Sulfur (S)-Dissolved | Sulfur (S)-Total | Tellurium (Te)-Dissolved | Tellurium (Te)-Total | Thallium (Tl)-Dissolved | Thallium (Tl)-Total | Thorium (Th)-Dissolved | Thorium (Th)-Total |          |
|------------------|--------------|-----------------------|-------------------|--------------------------|----------------------|-------------------------|---------------------|-------------------------|---------------------|-------------------------|---------------------|------------------------|--------------------|-----------------------|-------------------|-----------------------|-------------------|--------------------------|----------------------|----------------------|------------------|--------------------------|----------------------|-------------------------|---------------------|------------------------|--------------------|----------|
| Unit             | PWQO         | mg/L                  | 0.025             | mg/L                     | 0.03                 | mg/L                    | mg/L                | mg/L                    | mg/L                | mg/L                    | 0.10                | mg/L                   | mg/L               | mg/L                  | 0.00010           | mg/L                  | mg/L              | mg/L                     | mg/L                 | mg/L                 | mg/L             | mg/L                     | mg/L                 | mg/L                    | mg/L                | mg/L                   | 0.00030            | mg/L     |
|                  | ODWG         |                       |                   |                          |                      |                         |                     |                         |                     | 0.050                   |                     |                        |                    |                       |                   |                       |                   |                          |                      |                      |                  |                          |                      |                         |                     |                        |                    |          |
| OF01(-01)        | 11-Oct-2017  | 0.0002                | 0.0003            |                          | 0.0083               | 5.26                    | 5.25                |                         |                     | 0.0002                  | 0.0002              |                        |                    | 0.00001               | 0.00001           | 29.5                  | 28.6              | 0.972                    | 1.05                 |                      |                  | 0.00003                  | 0.0001               | 0.000002                | 0.000002            | 0.000002               | 0.000002           | 0.000002 |
| OF01(-01)        | 26-Sep-2018  | 0.0005                | 0.0005            |                          | 0.139                | 1.73                    | 1.67                | 0.00051                 | 0.00048             | 0.000025                | 0.00004             | 10.3                   | 10.3               | 0.000005              | 0.000007          | 252                   | 260               | 0.0162                   | 0.0144               | 23.3                 | 25.3             | 0.000005                 | 0.00002              | 0.0000001               | 0.0000002           | 0.0000002              | 0.000002           | 0.000002 |
| OF01-01          | 3-Oct-2019   | 0.0002                | 0.0002            | 0.004                    | 0.005                | 5.49                    | 5.31                | 0.00145                 | 0.0015              | 0.00007                 | 0.000015            | 10.5                   | 10.4               | 0.0000005             | 0.000001          | 31.3                  | 30.7              | 1.01                     | 1                    | 24                   | 23.3             | 0.000045                 | 0.0001               | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           | 0.000001 |
| OF01-01          | 3-Nov-2020   | 0.0003                | 0.0002            | 0.005                    | 0.02                 | 5.51                    | 5.63                | 0.00146                 | 0.00146             | 0.000015                | 0.00003             | 10.8                   | 11.5               | 0.00001               | 0.000007          | 29.9                  | 31.8              | 1.03                     | 1.06                 | 23.6                 | 24               | 0.00002                  | 0.00006              | 0.000002                | 0.000005            | 0.00001                | 0.00001            | 0.00001  |
| OF01-01          | Average      | 0.0003                | 0.0003            | 0.0045                   | 0.043                | 4.50                    | 4.47                | 0.00114                 | 0.00115             | 0.00008                 | 0.00007             | 10.53                  | 10.73              | 0.000005              | 0.000006          | 85.7                  | 87.8              | 0.757                    | 0.781                | 23.6                 | 24.2             | 0.00003                  | 0.00007              | 0.0000011               | 0.0000019           | 0.000005               | 0.000004           |          |
| OF01-2           | 3-Oct-2019   | 0.0002                | 0.0003            | 0.014                    | 0.01                 | 5.35                    | 5.17                | 0.00123                 | 0.0013              | 0.00021                 | 0.00004             | 11                     | 11                 | 0.0000005             | 0.000001          | 28.8                  | 29.1              | 0.959                    | 0.962                | 17.9                 | 17.4             | 0.00007                  | 0.00004              | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           | 0.000001 |
| OF01-2           | 3-Nov-2020   | 0.0004                | 0.0002            | 0.01                     | 0.03                 | 5.2                     | 5.33                | 0.00128                 | 0.00129             | 0.00001                 | 0.000035            | 11.3                   | 11.7               | 0.000001              | 0.000001          | 28.4                  | 29.8              | 0.975                    | 1.02                 | 19                   | 18.2             | 0.00003                  | 0.00008              | 0.000002                | 0.000005            | 0.00001                | 0.00001            | 0.00001  |
| OF01-02          | Average      | 0.0003                | 0.0003            | 0.0120                   | 0.020                | 5.28                    | 5.25                | 0.00126                 | 0.00130             | 0.00011                 | 0.00004             | 11.15                  | 11.35              | 0.000001              | 0.000001          | 28.6                  | 29.5              | 0.967                    | 0.991                | 18.5                 | 17.80            | 0.00005                  | 0.0000600            | 0.0000011               | 0.0000026           | 0.000006               | 0.000006           |          |
| OF01-3           | 3-Oct-2019   | 0.0002                | 0.0003            | 0.014                    | 0.01                 | 5.35                    | 5.17                | 0.00123                 | 0.0013              | 0.00021                 | 0.00004             | 11                     | 11                 | 0.0000005             | 0.000001          | 28.8                  | 29.1              | 0.959                    | 0.962                | 17.9                 | 17.4             | 0.00007                  | 0.00004              | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           | 0.000001 |
| OF01-3           | 3-Nov-2020   | 0.0002                | 0.0004            | 0.035                    | 0.08                 | 4.92                    | 5.13                | 0.00176                 | 0.00181             | 0.00003                 | 0.000015            | 13.1                   | 13                 | 0.000004              | 0.000005          | 11.7                  | 12.2              | 0.435                    | 0.447                | 6                    | 6                | 0.00001                  | 0.00002              | 0.000002                | 0.000005            | 0.00001                | 0.00001            |          |
| OF01-03          | Average      | 0.0002                | 0.0004            | 0.0245                   | 0.045                | 5.14                    | 5.15                | 0.00150                 | 0.00156             | 0.00012                 | 0.00003             | 12.05                  | 12.00              | 0.000002              | 0.000003          | 20.3                  | 20.7              | 0.697                    | 0.705                | 12.0                 | 11.70            | 0.00004                  | 0.0000300            | 0.0000011               | 0.0000026           | 0.000006               | 0.000006           |          |
| OF02             | 11-Oct-2017  | 0.0004                | 0.0004            |                          | 0.03                 | 5.52                    | 5.28                |                         |                     | 0.0002                  | 0.0002              |                        |                    | 0.00001               | 0.00001           | 30.9                  | 26.6              | 0.713                    | 0.701                |                      |                  | 0.00002                  | 0.00007              | 0.000002                | 0.000002            |                        |                    |          |
| OF02             | 25-Sep-2018  | 0.0002                | 0.0002            |                          | 0.0645               | 6.05                    | 5.7                 | 0.00113                 | 0.00111             | 0.00003                 | 0.00006             | 10.7                   | 10.6               | 0.0000005             | 0.000003          | 30.5                  | 31.9              | 0.821                    | 0.752                | 12.4                 | 13.7             | 0.00004                  | 0.00008              | 0.0000001               | 0.000003            | 0.000002               | 0.000002           | 0.000002 |
| OF02             | 4-Oct-2019   | 0.0014                | 0.0015            | 0.002                    | 0.01                 | 4.64                    | 4.33                | 0.00288                 | 0.00268             | 0.000385                | 0.00031             | 9.91                   | 9.82               | 0.000001              | 0.000001          | 20.3                  | 19.8              | 0.543                    | 0.536                | 7.1                  | 6.9              | 0.000005                 | 0.00002              | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           |          |
| OF02             | 28-Oct-2020  | 0.0002                | 0.0003            | 0.035                    | 0.06                 | 5.86                    | 6.28                | 0.00133                 | 0.00136             | 0.000005                | 0.000025            | 10.4                   | 11.7               | 0.000003              | 0.000002          | 30.5                  | 32                | 0.791                    | 0.797                | 13                   | 14.4             | 0.00001                  | 0.00004              | 0.000002                | 0.000005            | 0.00001                | 0.00001            |          |
| OF02             | Average      | 0.0006                | 0.0006            | 0.0185                   | 0.041                | 5.52                    | 5.40                | 0.00178                 | 0.00172             | 0.00016                 | 0.00015             | 10.34                  | 10.71              | 0.000004              | 0.000004          | 28.1                  | 27.6              | 0.717                    | 0.697                | 10.8                 | 11.7             | 0.00002                  | 0.00005              | 0.0000011               | 0.0000093           | 0.000005               | 0.000010           |          |
| OF03             | 11-Oct-2017  | 0.0008                | 0.0008            |                          | 0.0081               | 3.15                    | 3.18                |                         |                     | 0.0002                  | 0.0002              |                        |                    | 0.00001               | 0.00001           | 13.7                  | 12.3              | 0.276                    | 0.306                |                      |                  | 0.00001                  | 0.00003              | 0.000002                | 0.000002            |                        |                    |          |
| OF03             | 27-Sep-2018  | 0.0016                | 0.0019            |                          | 0.009                | 1.57                    | 1.54                | 0.00057                 | 0.0006              | 0.00003                 | 0.00003             | 8.92                   | 8.85               | 0.0000005             | 0.000001          | 7.74                  | 8.25              | 0.233                    | 0.22                 | 2.1                  | 2.1              | 0.000005                 | 0.00006              | 0.0000002               | 0.0000014           | 0.000002               | 0.00001            |          |
| OF03             | 3-Oct-2019   | 0.0012                | 0.001             | 0.002                    | 0.005                | 3.06                    | 2.89                | 0.00099                 | 0.00103             | 0.000135                | 0.00012             | 11.6                   | 11.6               | 0.0000005             | 0.000001          | 13.4                  | 13.2              | 0.307                    | 0.308                | 5.5                  | 5.5              | 0.00002                  | 0.00001              | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           |          |
| OF03             | 29-Oct-2020  | 0.0008                | 0.0008            | 0.005                    | 0.01                 | 3.25                    | 3.38                | 0.0011                  | 0.00119             | 0.00023                 | 0.00029             | 12.1                   | 12.9               | 0.0000005             | 0.000001          | 13.7                  | 14.3              | 0.31                     | 0.313                | 5.8                  | 6.6              | 0.00005                  | 0.00002              | 0.000002                | 0.000005            | 0.00001                | 0.00001            |          |
| OF03             | Average      | 0.0011                | 0.0011            | 0.0035                   | 0.0080               | 2.76                    | 2.75                | 0.00089                 | 0.00094             | 0.00022                 | 0.00023             | 10.87                  | 11.12              | 0.000003              | 0.000003          | 12.1                  | 12.0              | 0.282                    | 0.287                | 4.5                  | 4.7              | 0.00002                  | 0.00003              | 0.0000011               | 0.0000022           | 0.000005               | 0.000007           |          |
| OF04             | 11-Oct-2017  | 0.0052                | 0.0058            |                          | 0.0018               | 3.33                    | 3.40                |                         |                     | 0.0018                  | 0.0016              |                        |                    | 0.00001               | 0.00001           | 48.3                  | 45.9              | 0.934                    | 1.05                 |                      |                  | 0.00002                  | 0.0001               | 0.000002                | 0.000002            |                        |                    |          |
| OF04             | 26-Sep-2018  | 0.0055                | 0.0059            |                          | 0.0030               | 3.53                    | 3.44                | 0.00121                 | 0.00115             | 0.0018                  | 0.0017              | 8.45                   | 8.81               | 0.0000015             | 0.000003          | 46.6                  | 48.3              | 0.983                    | 0.959                | 12.3                 | 13.7             | 0.00003                  | 0.0001               | 0.0000013               | 0.0000016           | 0.000002               | 0.000001           |          |
| OF04             | 3-Oct-2019   | 0.0046                | 0.0059            | 0.002                    | 0.005                | 2.82                    | 2.6                 | 0.00122                 | 0.00115             | 0.00244                 | 0.00197             | 8.6                    | 8.61               | 0.0000005             | 0.000001          | 37.8                  | 37.2              | 0.866                    | 0.879                | 8.5                  | 8.3              | 0.000035                 | 0.00005              | 0.0000001               | 0.0000002           | 0.000006               | 0.000001           |          |
| OF04             | 28-Oct-2020  | 0.0039                | 0.0043            | 0.005                    | 0.015                | 3.29                    | 3.28                | 0.00128                 | 0.0014              | 0.00163                 | 0.00151             | 9                      | 9.86               | 0.0000005             | 0.000001          | 40.7                  | 42.7              | 1.07                     | 1.09                 | 10.6                 | 10.8             | 0.00001                  | 0.00008              | 0.000002                | 0.000005            | 0.00001                | 0.00001            |          |
| OF04             | Average      | 0.0048                | 0.0055            | 0.0035                   | 0.0062               | 3.24                    | 3.18                | 0.00124                 | 0.00123             | 0.00192                 | 0.00170             | 8.68                   | 9.09               | 0.000004              | 0.000006          | 43.4                  | 43.5              | 0.963                    | 0.995                | 10.5                 | 10.9             | 0.00002                  | 0.00008              | 0.0000014               | 0.0000022           | 0.000024               | 0.000004           |          |
| OF05             | 12-Oct-2017  | 0.0010                | 0.0011            |                          | 0.0085               | 4.52                    | 4.66                |                         |                     | 0.0002                  | 0.0002              |                        |                    | 0.00001               | 0.00001           | 13.6                  | 12.7              | 0.345                    | 0.368                |                      |                  | 0.00001                  | 0.00004              | 0.000002                | 0.000008            |                        |                    |          |
| OF05             | 27-Sep-2018  | 0.0012                | 0.0015            |                          | 0.0035               | 4.8                     | 4.28                | 0.00631                 | 0.00612             | 0.00005                 | 0.000045            | 9.71                   | 9.82               | 0.0000005             | 0.000002          | 11.4                  | 11.5              | 0.364                    | 0.341                | 7.5                  | 8.5              | 0.000025                 | 0.00004              | 0.0000043               | 0.0000036           | 0.000002               | 0.000001           |          |
| OF05             | 3-Oct-2019   | 0.00096               | 0.0011            | 0.002                    | 0.005                | 4.32                    | 4.26                | 0.00642                 | 0.00631             | 0.00008                 | 0.00007             | 9.39                   | 9.16               | 0.0000015             | 0.000004          | 12                    | 11.5              | 0.347                    | 0.332                | 8.1                  | 7.9              | 0.00001                  | 0.00001              | 0.0000025               | 0.0000002           | 0.000008               | 0.000001           |          |
| OF05             | 28-Oct-2020  | 0.00096               | 0.0011            | 0.005                    | 0.01                 | 4.45                    | 4.69                | 0.0064                  | 0.00666             | 0.00005                 | 0.00008             | 9.45                   | 10.2               | 0.000002              | 0.000003          | 11.1                  | 11.5              | 0.334                    | 0.344                | 8                    | 8.4              | 0.00001                  | 0.00004              | 0.00001                 | 0.000005            | 0.00001                | 0.00001            |          |
| OF05             | Average      | 0.0010                | 0.0012            | 0.0035                   | 0.0068               | 4.44                    | 4.47                | 0.00638                 | 0.00636             | 0.00010                 | 0.00010             | 9.52                   | 9.73               | 0.000004              | 0.000009          | 12.0                  | 11.8              | 0.348                    | 0.346                | 7.9                  | 8.3              | 0.00001                  | 0.00003              | 0.0000047               | 0.0000042           | 0.000007               | 0.000004           |          |
| OF06             | 12-Oct-2017  | 0.0032                | 0.0033            |                          | 0.0458               | 4.70                    | 4.88                |                         |                     | 0.0002                  | 0.0002              |                        |                    | 0.00008               | 0.00027           | 12.0                  | 12.1              | 0.384                    | 0.393                |                      |                  | 0.00002                  | 0.00004              | 0.000006                | 0.000008            |                        |                    |          |
| OF06             | 2018         |                       |                   |                          |                      |                         |                     |                         |                     |                         |                     |                        |                    |                       |                   |                       |                   |                          |                      |                      |                  |                          |                      |                         |                     |                        |                    |          |
| OF06             | 3-Oct-2019   | 0.0045                | 0.0037            | 0.036                    | 0.025                | 0.63                    | 0.59                | 0.00078                 | 0.00071             | 0.0011                  | 0.00106             | 7.75                   | 7.78               | 0.000006              | 0.00011           | 243                   | 242               | 0.0011                   | 0.0009               | 3.4                  | 3.5              | 0.000005                 | 0.00001              | 0.0000001               | 0.0000002           | 0.000002               | 0.000001           |          |
| OF06             | 28-Oct-2020  | 0.0205                | 0.0213            | 0.02                     | 0.0450               | 3.69                    | 3.83                | 0.00128                 | 0.00124             | 0.00022                 | 0.00023             | 10.3                   | 10.8               | 0.00008               | 0.00022           | 263                   | 273               | 0.0027                   | 0.0026               | 5.6                  | 5.8              | 0.00001                  | 0.00002              | 0.000002                | 0.00001             | 0.00001                | 0.00001            |          |
| OF06             | Average      | 0.0119                | 0.0123            | 0.0200                   | 0.045                | 4.20                    | 4.36                | 0.00128                 | 0.00124             | 0.00021                 |                     |                        |                    |                       |                   |                       |                   |                          |                      |                      |                  |                          |                      |                         |                     |                        |                    |          |

Table 2: Off Site Groundwater Water Chemistry Sample Results Summary by Well Continued

| Client Sample ID | Date Sampled | Tin (Sn)-Dissolved | Tin (Sn)-Total | Titanium (Ti)-Dissolved | Titanium (Ti)-Total | Tungsten (W)-Dissolved | Tungsten (W)-Total | Uranium (U)-Dissolved | Uranium (U)-Total | Vanadium (V)-Dissolved | Vanadium (V)-Total | Zinc (Zn)-Dissolved | Zinc (Zn)-Total | Zirconium (Zr)-Dissolved | Zirconium (Zr)-Total |
|------------------|--------------|--------------------|----------------|-------------------------|---------------------|------------------------|--------------------|-----------------------|-------------------|------------------------|--------------------|---------------------|-----------------|--------------------------|----------------------|
| Unit             |              | mg/L               | mg/L           | mg/L                    | mg/L                | mg/L                   | mg/L               | mg/L                  | mg/L              | mg/L                   | mg/L               | mg/L                | mg/L            | mg/L                     | mg/L                 |
|                  | PWQO         |                    |                |                         |                     |                        |                    | 0.0050                |                   | 0.0060                 |                    | 0.020               |                 |                          |                      |
|                  | ODWG         |                    |                |                         |                     |                        |                    | 0.020                 |                   |                        |                    |                     |                 |                          |                      |
| OF01(-01)        | 11-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.0001              | 0.00006000             | 0.00007            | 0.0019                | 0.0021            | 0.00005                | 0.00005            | 0.0005              | 0.0005          | 0.0002                   | 0.0002               |
| OF01(-01)        | 26-Sep-2018  | 0.0054             | 0.0038         | 0.00002                 | 0.00006             | 0.000022               | 0.000032           | 0.0021                | 0.002             | 0.0001                 | 0.0001             | 0.134               | 0.130           | 0.00009                  | 0.00006              |
| OF01-01          | 3-Oct-2019   | 0.000005           | 0.00001        | 0.00002                 | 0.00002             | 0.000064               | 0.000064           | 0.0014                | 0.0019            | 0.00004                | 0.00005            | 0.0172              | 0.0004          | 0.0002                   | 0.0002               |
| OF01-01          | 3-Nov-2020   | 0.000005           | 0.00002        | 0.00002                 | 0.00002             | 0.000072               | 0.00007            | 0.002                 | 0.0021            | 0.00002                | 0.00005            | 0.0036              | 0.0005          | 0.0002                   | 0.0002               |
| OF01-01          | Average      | 0.00136            | 0.00096        | 0.00003                 | 0.00010             | 0.00005                | 0.00006            | 0.0019                | 0.0020            | 0.00005                | 0.00006            | 0.0388              | 0.033           | 0.00017                  | 0.00017              |
| OF01-2           | 3-Oct-2019   | 0.000005           | 0.00001        | 0.00002                 | 0.00008             | 0.000068               | 0.000064           | 0.0015                | 0.0016            | 0.00004                | 0.00005            | 0.0106              | 0.0104          | 0.0002                   | 0.0002               |
| OF01-2           | 3-Nov-2020   | 0.000015           | 0.00003        | 0.00002                 | 0.00006             | 0.000046               | 0.00005            | 0.0017                | 0.0017            | 0.00002                | 0.00005            | 0.0126              | 0.009           | 0.00007                  | 0.0001               |
| OF01-02          | Average      | 0.000010           | 0.00002        | 0.00002                 | 0.00007             | 0.00006                | 0.0001             | 0.0016                | 0.00165           | 0.00003                | 0.0001             | 0.0116              | 0.0097          | 0.00014                  | 0.00015              |
| OF01-3           | 3-Oct-2019   | 0.000005           | 0.00001        | 0.00002                 | 0.00008             | 0.000068               | 0.000064           | 0.0015                | 0.0016            | 0.00004                | 0.00005            | 0.0106              | 0.0104          | 0.0002                   | 0.0002               |
| OF01-3           | 3-Nov-2020   | 0.000005           | 0.00005        | 0.00008                 | 0.0012              | 0.000054               | 0.00006            | 0.0011                | 0.0012            | 0.00002                | 0.0002             | 0.0008              | 0.0025          | 0.0006                   | 0.0007               |
| OF01-03          | Average      | 0.000005           | 0.00003        | 0.00005                 | 0.00064             | 0.00006                | 0.0001             | 0.0013                | 0.00140           | 0.00003                | 0.0001             | 0.0057              | 0.0065          | 0.00040                  | 0.00045              |
| OF02             | 11-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.0001              | 0.00006000             | 0.000060           | 0.0024                | 0.0023            | 0.00005                | 0.0002             | 0.0035              | 0.0055          | 0.00006                  | 0.00006              |
| OF02             | 25-Sep-2018  | 0.000005           | 0.00009        | 0.00002                 | 0.00008             | 0.00007                | 0.000072           | 0.0012                | 0.0011            | 0.0001                 | 0.0002             | 0.0024              | 0.0044          | 0.00006                  | 0.00008              |
| OF02             | 4-Oct-2019   | 0.000005           | 0.0022         | 0.00002                 | 0.0002              | 0.00002                | 0.000014           | 0.0043                | 0.0049            | 0.0003                 | 0.0003             | 0.177               | 0.017           | 0.0002                   | 0.0002               |
| OF02             | 28-Oct-2020  | 0.000005           | 0.00005        | 0.00002                 | 0.0002              | 0.000066               | 0.00008            | 0.0016                | 0.0016            | 0.00004                | 0.00005            | 0.0032              | 0.0035          | 0.00006                  | 0.00008              |
| OF02             | Average      | 0.00001            | 0.00059        | 0.00003                 | 0.00015             | 0.00005                | 0.00006            | 0.0024                | 0.0025            | 0.00012                | 0.00019            | 0.0465              | 0.0076          | 0.00010                  | 0.00011              |
| OF03             | 11-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.0002              | 0.00002000             | 0.00003            | 0.0025                | 0.0027            | 0.0001                 | 0.0002             | 0.0220              | 0.02            | 0.00008                  | 0.0001               |
| OF03             | 27-Sep-2018  | 0.00002            | 0.0002         | 0.0003                  | 0.0015              | 0.000012               | 0.000014           | 0.0034                | 0.0036            | 0.0003                 | 0.0005             | 0.0364              | 0.143           | 0.0002                   | 0.0002               |
| OF03             | 3-Oct-2019   | 0.00001            | 0.00001        | 0.00002                 | 0.0003              | 0.000018               | 0.000012           | 0.0031                | 0.0034            | 0.0015                 | 0.0003             | 0.904               | 0.0586          | 0.0001                   | 0.0002               |
| OF03             | 29-Oct-2020  | 0.000005           | 0.00002        | 0.00002                 | 0.0002              | 0.000024               | 0.00002            | 0.0031                | 0.0033            | 0.00008                | 0.0002             | 0.0084              | 0.009           | 0.00009                  | 0.0001               |
| OF03             | Average      | 0.00001            | 0.00006        | 0.00010                 | 0.00055             | 0.00002                | 0.00002            | 0.0030                | 0.0033            | 0.00050                | 0.00030            | 0.2427              | 0.0577          | 0.00012                  | 0.00015              |
| OF04             | 11-Oct-2017  | 0.00002            | 0.00004        | 0.00005                 | 0.0001              | 0.00009000             | 0.0001200          | 0.0026                | 0.0028            | 0.0003                 | 0.0004             | 0.0200              | 0.019           | 0.0003                   | 0.0005               |
| OF04             | 26-Sep-2018  | 0.00008            | 0.00004        | 0.00002                 | 0.0001              | 0.00009                | 0.000088           | 0.0024                | 0.0023            | 0.0003                 | 0.0005             | 0.0314              | 0.03            | 0.0004                   | 0.0004               |
| OF04             | 3-Oct-2019   | 0.000015           | 0.00003        | 0.00004                 | 0.00002             | 0.000286               | 0.000112           | 0.0017                | 0.0019            | 0.0003                 | 0.0006             | 0.0312              | 0.049           | 0.0005                   | 0.0004               |
| OF04             | 28-Oct-2020  | 0.00006            | 0.0003         | 0.00002                 | 0.0002              | 0.000114               | 0.00013            | 0.0021                | 0.0022            | 0.0002                 | 0.0003             | 0.0416              | 0.0615          | 0.0005                   | 0.0006               |
| OF04             | Average      | 0.00004            | 0.00010        | 0.00003                 | 0.00011             | 0.00015                | 0.00011            | 0.0022                | 0.0023            | 0.00028                | 0.00045            | 0.0311              | 0.040           | 0.00043                  | 0.00048              |
| OF05             | 12-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.0001              | 0.00001000             | 0.00002            | 0.0041                | 0.0044            | 0.00005                | 0.00005            | 0.0030              | 0.0025          | 0.0002                   | 0.0002               |
| OF05             | 27-Sep-2018  | 0.000015           | 0.00099        | 0.00002                 | 0.00004             | 0.000016               | 0.000012           | 0.0043                | 0.004             | 0.0001                 | 0.0003             | 0.0138              | 0.0198          | 0.0002                   | 0.0002               |
| OF05             | 3-Oct-2019   | 0.000005           | 0.0002         | 0.00002                 | 0.00002             | 0.000122               | 0.00001            | 0.004                 | 0.004             | 0.00004                | 0.0001             | 0.0066              | 0.0066          | 0.0002                   | 0.0002               |
| OF05             | 28-Oct-2020  | 0.000005           | 0.0001         | 0.00002                 | 0.0001              | 0.000014               | 0.00001            | 0.0044                | 0.0046            | 0.00006                | 0.00005            | 0.0018              | 0.0020          | 0.0002                   | 0.0002               |
| OF05             | Average      | 0.00001            | 0.00033        | 0.00003                 | 0.00007             | 0.00004                | 0.00001            | 0.0042                | 0.0043            | 0.00006                | 0.00013            | 0.0063              | 0.0077          | 0.00020                  | 0.00020              |
| OF06             | 12-Oct-2017  | 0.00002            | 0.00002        | 0.0001                  | 0.0002              | 0.00001                | 0.00001            | 0.0058                | 0.0060            | 0.0005                 | 0.0005             | 0.0790              | 0.08            | 0.0002                   | 0.0002               |
| OF06             | 2018         |                    |                |                         |                     |                        |                    |                       |                   |                        |                    |                     |                 |                          |                      |
| OF06             | 3-Oct-2019   | 0.0002             | 0.0022         | 0.0002                  | 0.0005              | 0.000008               | 0.000002           | 0.0064                | 0.0070            | 0.0013                 | 0.0007             | 0.3970              | 0.107           | 0.0003                   | 0.0002               |
| OF06             | 28-Oct-2020  | 0.000025           | 0.0009         | 0.00004                 | 0.0003              | 0.00001                | 0.00002            | 0.0064                | 0.0067            | 0.0004                 | 0.0007             | 0.0642              | 0.0685          | 0.0002                   | 0.0002               |
| OF06             | Average      | 0.00002            | 0.00046        | 0.00007                 | 0.00025             | 0.00001                | 0.00002            | 0.0061                | 0.0064            | 0.00045                | 0.00060            | 0.0716              | 0.074           | 0.00020                  | 0.00020              |
| OF07             | 12-Oct-2017  | 0.00002            | 0.00002        | 0.0001                  | 0.00005             | 0.00001                | 0.00001            | 0.0047                | 0.0049            | 0.0001                 | 0.0001             | 0.0040              | 0.0050          | 0.00004                  | 0.00004              |
| OF07             | 19-Oct-2018  | 0.000005           | 0.00001        | 0.00002                 | 0.0001              | 0.00001                | 0.000012           | 0.0047                | 0.0050            | 0.0001                 | 0.0003             | 0.0206              | 0.0224          | 0.00003                  | 0.000038             |
| OF07             | 2-Oct-2019   | 0.0001             | 0.0004         | 0.00002                 | 0.0002              | 0.00001                | 0.0000             | 0.0039                | 0.0044            | 0.00008                | 0.0001             | 0.0068              | 0.0126          | 0.00004                  | 0.00005              |
| OF07             | 29-Oct-2020  | 0.000005           | 0.0002         | 0.00002                 | 0.0001              | 0.000006               | 0.0000             | 0.0047                | 0.0052            | 0.00002                | 0.0001             | 0.0024              | 0.0030          | 0.00002                  | 0.00004              |
| OF07             | Average      | 0.00003            | 0.00016        | 0.00004                 | 0.00011             | 0.00001                | 0.00001            | 0.0045                | 0.0049            | 0.00008                | 0.00015            | 0.0085              | 0.0108          | 0.00003                  | 0.00004              |
| OF08             | 13-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.00005             | 0.00002000             | 0.00003            | 0.0009                | 0.00099           | 0.0001                 | 0.00005            | 0.0350              | 0.0355          | 0.00002                  | 0.00002              |
| OF08             | 19-Oct-2018  | 0.000005           | 0.00001        | 0.00002                 | 0.00006             | 0.000026               | 0.000034           | 0.001                 | 0.001             | 0.0002                 | 0.0002             | 0.06                | 0.0386          | 0.000014                 | 0.000016             |
| OF08             | 2-Oct-2019   | 0.000005           | 0.0001         | 0.00002                 | 0.00002             | 0.000028               | 0.0000             | 0.0008                | 0.0009            | 0.00008                | 0.0001             | 0.0114              | 0.0134          | 0.00001                  | 0.00003              |
| OF08             | 29-Oct-2020  | 0.000005           | 0.00005        | 0.00002                 | 0.00006             | 0.00002                | 0.0000             | 0.0011                | 0.0012            | 0.0001                 | 0.0001             | 0.0224              | 0.0275          | 0.00001                  | 0.00001              |
| OF08             | Average      | 0.00001            | 0.00005        | 0.00003                 | 0.00005             | 0.00002                | 0.00003            | 0.0010                | 0.0010            | 0.00012                | 0.00010            | 0.032               | 0.029           | 0.00001                  | 0.00002              |
| OF09             | 13-Oct-2017  | 0.00002            | 0.00002        | 0.00005                 | 0.0009              | 0.00006000             | 0.00009            | 0.0021                | 0.0023            | 0.00005                | 0.00005            | 0.0055              | 0.0060          | 0.0002                   | 0.0002               |
| OF09             | 26-Sep-2018  | 0.000005           | 0.00001        | 0.00002                 | 0.0002              | 0.000076               | 0.00007            | 0.0015                | 0.0014            | 0.00008                | 0.0003             | 0.0076              | 0.0074          | 0.0002                   | 0.0002               |
| OF09             | 4-Oct-2019   | 0.000005           | 0.0002         | 0.00002                 | 0.0001              | 0.000066               | 0.0001             | 0.0043                | 0.0047            | 0.0001                 | 0.0002             | 0.0138              | 0.0138          | 0.00020                  | 0.00020              |
| OF09             | 28-Oct-2020  | 0.000005           | 0.00009        | 0.00002                 | 0.0003              | 0.000068               | 0.0001             | 0.0018                | 0.0018            | 0.00002                | 0.0001             | 0.0106              | 0.0105          | 0.00020                  | 0.00020              |
| OF09             | Average      | 0.00001            | 0.00008        | 0.00003                 | 0.00038             | 0.00007                | 0.00008            | 0.0024                | 0.0026            | 0.00006                | 0.00016            | 0.009               | 0.0094          | 0.00020                  | 0.00020              |
| OF10             | 14-Oct-2017  | 0.00002            | 0.00004        | 0.00005                 | 0.0005              | 0.00001                | 0.00001            | 0.0019                | 0.0021            | 0.0007                 | 0.0008             | 0.0335              | 0.0335          | 0.0001                   | 0.0001               |
| OF10             | 2018         |                    |                |                         |                     |                        |                    |                       |                   |                        |                    |                     |                 |                          |                      |
| OF10             | 4-Oct-2019   | 0.000005           | 0.00007        | 0.00002                 | 0.0003              | 0.000006               | 0.0000             | 0.0016                | 0.0017            | 0.0007                 | 0.0008             | 0.0614              | 0.0616          | 0.00010                  | 0.00010              |
| OF10             | 28-Oct-2020  | 0.00001            | 0.0001         | 0.00002                 | 0.0003              | 0.000002               | 0.0000             | 0.0019                | 0.0020            | 0.0005                 | 0.0006             | 0.0440              | 0.052           | 0.00009                  | 0.00010              |
| OF10             | Average      | 0.00002            | 0.00007        | 0.00004                 | 0.00040             | 0.00001                | 0.00001            | 0.0019                | 0.0021            | 0.00060                | 0.00070            | 0.0388              | 0.043           | 0.00010                  | 0.00010              |
| OF11             | 2017         |                    |                |                         |                     |                        |                    |                       |                   |                        |                    |                     |                 |                          |                      |
| OF11             | 4-Oct-2018   | 0.00001            | 0.00002        | 0.00006                 | 0.0003              | 0.000002               | 0.000002           | 0.0025                | 0.0025            | 0.0004                 | 0.0005             | 0.414               | 0.22            | 0.0002                   | 0.0002               |
| OF11             | 2-Oct-2019   | 0.000005           | 0.00004        | 0.00006                 | 0.0004              | 0.000002               | 0.0000             | 0.0019                | 0.0021            | 0.0005                 | 0.0005             | 0.2440              | 0.336           | 0.00030                  | 0.                   |