

Table 1. Summary of Analytical Results

| Station Name | CAS Number | Units | Protection of Groundwater Soil Screening Level | Residential Soil Screening Level Concentrations | BS1 | BS1 | SS1 | SS1 | SS2 | SS2 | SS3 | SS3 | SS4 | SS5 | FS1 | FS2 | SW1 |
|------------------------------------|------------|----------|--|---|------------|------------|------------|------------|------------|------------|------------|------------|----------|-----------|-----------|----------|-----------|
| Sample Date | | | | | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/18/22 | 10/20/22 | 10/20/22 | 10/20/22 |
| Sample Depth | | | | | 0 - 0.5 ft | 3 - 3.5 ft | 0 - 0.5 ft | 3 - 3.5 ft | 0 - 0.5 ft | 3 - 3.5 ft | 0 - 0.5 ft | 3 - 3.5 ft | 0.5 ft | 0.5 ft | 8 ft | 8 ft | 7 ft |
| Metals | | | | | | | | | | | | | | | | | |
| ARSENIC | 7440-38-2 | mg/kg | 0.29 | 0.68 | 3.59 | 3.49 | 3.43 | 3.75 | 3.61 | 3.80 | 3.53 | 4.78 | 3.36 | 3.07 | 3.64 | 4.08 | 4.24 |
| BARIUM | 7440-39-3 | mg/kg | 82 | 15,000 | 186 | 215 | 191 | 200 | 145 | 400 | 141 | 211 | 202 | 157 | 400 | 175 | 136 |
| CADMIUM | 7440-43-9 | mg/kg | 0.38 | 71 | 0.157 | 0.134 | 0.173 | 0.127 | 0.147 | 0.127 | 0.139 | 0.116 | 0.112 | 0.155 | <0.0959 | <0.0963 | <0.0994 |
| CALCIUM | 7440-70-2 | mg/l | | | 2.62 | 1.79 | 14.8 | 58.5 | 25.6 | 35.4 | 35 | 60.8 | 32.6 | 17 | 84.3 | 62.3 | 9.28 |
| CHROMIUM | 7440-47-3 | mg/kg | 0.00067 | 0.3 | <1.22 | <0.244 | <1.22 | <0.488 | <0.488 | <0.251 | <1.26 | <0.244 | <0.488 | <2.47 | <0.248 | <0.245 | <0.246 |
| COPPER | 7440-50-8 | mg/kg | 46 | 3,100 | 13.1 | 11.1 | 10.7 | 10.3 | 10.6 | 10.6 | 11.6 | 10.0 | 10.5 | 12.2 | 10.2 | 10.1 | 12.7 |
| LEAD | 7439-92-1 | mg/kg | 14 | 400 | 14.2 | 15.9 | 14.3 | 20.5 | 11.6 | 11.4 | 12.0 | 16.7 | 12.9 | 12.8 | 15.4 | 15.1 | <9.94 |
| MAGNESIUM | 7439-95-4 | mg/l | | | 1.02 | <0.823 | 5.08 | 21.3 | 9.34 | 13.2 | 13.0 | 25.9 | 10.2 | 5.08 | 20.8 | 15.6 | 2.97 |
| NICKEL | 7440-02-0 | mg/kg | 26 | 1,500 | <9.53 | <9.13 | <9.95 | <8.79 | <9.15 | <9.70 | <9.79 | <9.72 | <9.76 | <9.58 | <9.59 | <9.63 | <9.94 |
| SELENIUM | 7782-49-2 | mg/kg | 0.26 | 390 | 0.158 | <0.0913 | 0.115 | 0.112 | 0.137 | <0.0970 | 0.128 | <0.0972 | <0.0976 | 0.187 | <0.0959 | <0.0963 | <0.0994 |
| SILVER | 7440-22-4 | mg/kg | 0.8 | 390 | <0.0953 | <0.0913 | <0.0995 | <0.0879 | <0.0915 | <0.0970 | <0.0979 | <0.0972 | <0.0976 | <0.0958 | <0.0959 | <0.0963 | <0.0994 |
| SODIUM | 7440-23-5 | mg/l | | | 0.812 | 2.76 | 91.8 | 10.7 | 85.9 | 22.1 | 66.4 | 29.0 | 71 | 86.5 | 25.1 | 40.5 | 82.5 |
| ZINC | 7440-66-6 | mg/kg | 370 | 23,000 | <95.3 | <91.3 | <99.5 | <87.9 | <91.5 | <97.0 | <97.9 | <97.2 | <97.6 | <95.8 | <95.9 | <96.3 | <99.4 |
| VOCs | | | | | | | | | | | | | | | | | |
| BENZENE | 71-43-2 | mg/kg | 0.0026 | 1.2 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | 0.00374 | <0.00200 | <0.00200 | 0.00522 | 0.0498 | 0.108 | 0.172 | 0.134 | <0.00200 |
| ETHYLBENZENE | 100-41-4 | mg/kg | 0.78 | 5.8 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | 0.00256 | 0.00276 | <0.00200 |
| TOLUENE | 108-88-3 | mg/kg | 0.69 | 490 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | 0.00536 | <0.00200 | <0.00200 | 0.00282 | 0.0159 | <0.00200 | 0.0886 | 0.0390 | <0.00200 |
| XYLENES, TOTAL | 1330-20-7 | mg/kg | 9.9 | 58 | <0.00200 | <0.00200 | 0.00218 | <0.00200 | 0.00316 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | mg/kg | 0.0081 | 30 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 |
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | mg/kg | 0.0087 | 27 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 |
| Semi-VOCs | | | | | | | | | | | | | | | | | |
| 1-METHYLNAPHTHALENE | 90-12-0 | mg/kg | 0.006 | 18 | <0.000364 | <0.000364 | 0.00586 | <0.000364 | <0.00182 | <0.000364 | <0.000364 | <0.00182 | <0.00182 | 0.000465 | 0.00108 | <0.00182 | <0.000364 |
| 2-METHYLNAPHTHALENE | 91-57-6 | mg/kg | 0.019 | 24 | <0.000645 | <0.000645 | <0.00323 | <0.000645 | <0.00323 | <0.000645 | <0.000645 | <0.00323 | <0.00323 | <0.000645 | 0.000726 | <0.00323 | <0.000645 |
| ACENAPHTHENE | 83-32-9 | mg/kg | 0.55 | 360 | <0.000304 | <0.000304 | <0.00152 | <0.000304 | <0.00152 | <0.000304 | <0.000304 | <0.00152 | <0.00152 | <0.000304 | <0.000304 | <0.00152 | <0.000304 |
| ANTHRACENE | 120-12-7 | mg/kg | 5.8 | 1,800 | <0.000334 | <0.000334 | < 0.00167 | <0.000334 | < 0.00167 | <0.000334 | <0.000334 | < 0.00167 | <0.00167 | <0.000334 | <0.000334 | <0.00167 | <0.000334 |
| BENZO(A)ANTHRACENE | 56-55-3 | mg/kg | 0.011 | 1.1 | <0.000493 | <0.000493 | < 0.00247 | <0.000493 | < 0.00247 | <0.000493 | <0.000493 | < 0.00247 | <0.00247 | <0.000493 | <0.000493 | <0.00247 | <0.000493 |
| BENZO(A)PYRENE | 50-32-8 | mg/kg | 0.24 | 0.11 | <0.000468 | <0.000468 | 0.00278 | <0.000468 | 0.00332 | <0.000468 | <0.000468 | <0.00234 | <0.00234 | <0.000468 | <0.000468 | <0.00234 | <0.000468 |
| BENZO(B)FLUORANTHENE | 205-99-2 | mg/kg | 0.3 | 1.1 | <0.000585 | <0.000585 | < 0.00293 | <0.000585 | < 0.00293 | <0.000585 | <0.000585 | < 0.00293 | <0.00293 | <0.000585 | <0.000585 | <0.00293 | <0.000585 |
| BENZO(K)FLUORANTHENE | 207-08-9 | mg/kg | 2.9 | 11 | <0.000437 | <0.000437 | < 0.00219 | <0.000437 | < 0.00219 | <0.000437 | <0.000437 | < 0.00219 | <0.00219 | <0.000437 | <0.000437 | <0.00219 | <0.000437 |
| CHRYSENE | 218-01-9 | mg/kg | 9 | 110 | <0.000624 | <0.000624 | < 0.00312 | <0.000624 | < 0.00312 | <0.000624 | <0.000624 | < 0.00312 | <0.00312 | <0.000624 | <0.000624 | <0.00312 | <0.000624 |
| DIBENZ(A,H)ANTHRACENE | 53-70-3 | mg/kg | 0.096 | 0.11 | <0.000614 | <0.000614 | <0.00307 | <0.000614 | <0.00307 | <0.000614 | <0.000614 | <0.00307 | <0.00307 | <0.000614 | <0.000614 | <0.00307 | <0.000614 |
| FLUORANTHENE | 206-44-0 | mg/kg | 8.9 | 240 | <0.000394 | <0.000394 | <0.00197 | <0.000394 | <0.00197 | <0.000394 | <0.000394 | <0.00197 | <0.00197 | <0.000394 | <0.000394 | <0.00197 | <0.000394 |
| FLUORENE | 86-73-7 | mg/kg | 0.54 | 240 | <0.000286 | <0.000286 | <0.00143 | <0.000286 | <0.00143 | <0.000286 | <0.000286 | <0.00143 | <0.00143 | <0.000286 | <0.000286 | <0.00143 | 0.000367 |
| INDENO(1,2,3-CD)PYRENE | 193-39-5 | mg/kg | 0.98 | 1.1 | <0.000627 | <0.000627 | <0.00314 | <0.000627 | <0.00314 | <0.000627 | <0.000627 | <0.00314 | <0.00314 | <0.000627 | <0.000627 | <0.00314 | <0.000627 |
| NAPHTHALENE | 91-20-3 | mg/kg | 0.0038 | 2 | <0.000484 | <0.000484 | <0.00242 | <0.000484 | <0.00242 | <0.000484 | <0.000484 | <0.00242 | <0.00242 | 0.00108 | <0.000484 | <0.00242 | <0.000484 |
| PYRENE | 129-00-0 | mg/kg | 1.3 | 180 | <0.000643 | <0.000643 | <0.00322 | <0.000643 | <0.00322 | <0.000643 | <0.000643 | <0.00322 | <0.00322 | <0.000643 | <0.000643 | <0.00322 | <0.000643 |
| TPH** | | | | | | | | | | | | | | | | | |
| Gasoline Range Hydrocarbons | NA | mg/kg | -- | 500 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 | <0.200 |
| C10-C28 DIESEL RANGE | NA | mg/kg | -- | 500 | <25 | <25 | < 25 | < 25 | < 25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 |
| C28-C40 RESIDUAL RANGE ORGANICS | NA | mg/kg | -- | 500 | <100 | <100 | < 100 | < 100 | < 100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| Soil Suitability for Reclamation** | | | | | | | | | | | | | | | | | |
| BORON | 7440-42-8 | mg/l | -- | 2 | 0.889 | 0.915 | 6.93 | 0.685 | 4.33 | 1.49 | 3.27 | 0.669 | 3.23 | 9.04 | 2.49 | 5.58 | 8.47 |
| PH | NA | s.u. | -- | 6 - 8.3 | 8.03 | 8.32 | 7.65 | 7.53 | 7.70 | 7.80 | 7.83 | 7.76 | 7.85 | 7.91 | 7.77 | 7.74 | 8.05 |
| SODIUM ADSORPTION RATIO | NA | NA | -- | 6 | 0.602 | 2.59 | 29.1 | 1.70 | 20.6 | 4.48 | 13.5 | 4.41 | 15.3 | 26 | 3.47 | 6.49 | 33.3 |
| SPECIFIC CONDUCTANCE | NA | mmhos/cm | -- | 4 | 0.536 | 0.458 | 11.8 | 9.29 | 12.6 | 7.46 | 12.1 | 11.8 | 11.7 | 11.9 | 11.0 | 11.8 | 9.43 |

NOTES:

Boldface type indicates the analyte was detected above the reporting limit.

Highlighted text indicates an exceedance of either the protection of groundwater soil screening level or residential soil screening level.

** Where RSSL or protection of groundwater screening level is not present, Table 915-1 Cleanup Concentrations are used.

-- No standard established.

NA Not applicable.

NS Not sampled.

BS indicates a background sample collected from unaffected soil nearby.

FS indicates a sample collected from the floor of an excavation.

SS indicates a surface sample collected from the area of shallow excavation with limited impact from produced water.

SW indicates a sample collected from the sidewall of an excavation.

SB indicates a soil boring completed by Geoprobe investigation

| Station Name | Protection of Groundwater Soil Screening Level | Residential Soil Screening Level Concentrations | SW2 | SW3 | SW4 | SW5 | SB1-5 | SB1-8 | SB1-13 | SB2-4 | SB2-8 | SB3-5 | SB3-9 | SB4-8 | SB5-7 | SB5-11 | SB6-6 | SB6-10 | SB7-5 | SB7-9 | SB8-5 | SB8-8 | SB9-5 | SB9-11 | SB10-4 | |
|------------------------------------|--|---|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Sample Date | | | 10/20/22 | 10/20/22 | 10/20/22 | 10/20/22 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | 2/9/23 | |
| Sample Depth | | | 7 ft | 7 ft | 7 ft | 7 ft | 5' | 8' | 13' | 4' | 8' | 5' | 9' | 8' | 7' | 11' | 6' | 10' | 5' | 9' | 5' | 8' | 5' | 11' | 4' | |
| Metals | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARSENIC | 0.29 | 0.68 | 3.67 | 3.57 | 4.16 | 4.09 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| BARIUM | 82 | 15,000 | 173 | 123 | 257 | 180 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| CADMIUM | 0.38 | 71 | 0.122 | <0.0987 | <0.0974 | 0.126 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| CALCIUM | | | 5.43 | 43.8 | 10.4 | 21.9 | 2.77 | 54.5 | 5.14 | 6.39 | 28.3 | 2.32 | 3.17 | 8.43 | 57.1 | 37.7 | 11.1 | 2.07 | 4.12 | 6.21 | 18.4 | 7.12 | 3.87 | 2.67 | 2.07 | |
| CHROMIUM | 0.00067 | 0.3 | <0.248 | <0.244 | <0.244 | <0.25 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| COPPER | 46 | 3,100 | 10.7 | 10.7 | 11.2 | 11.4 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| LEAD | 14 | 400 | 11.4 | <9.87 | 14.8 | 13.4 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| MAGNESIUM | | | 1.91 | 10.9 | <8.23 | <8.23 | 0.886 | 12.6 | 1.41 | 2.12 | 7.06 | ND | ND | 2.29 | 16.4 | 9.94 | 3.5 | ND | 1.2 | 1.74 | 5.24 | 2.03 | 1.34 | ND | ND | |
| NICKEL | 26 | 1,500 | <9.48 | <9.87 | <9.74 | <9.78 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| SELENIUM | 0.26 | 390 | 0.107 | <0.0987 | <0.0974 | <0.0978 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| SILVER | 0.8 | 390 | <0.0948 | <0.0987 | <0.0974 | <0.0978 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| SODIUM | | | 6.10 | 19.2 | 107 | 97.9 | 4.47 | 16.4 | 5.52 | 6.11 | 10.8 | 2.91 | 3.98 | 7.13 | 19.3 | 13.5 | 9 | 4.37 | 6.43 | 7.64 | 12 | 7.51 | 5.41 | 4.22 | 2.43 | |
| ZINC | 370 | 23,000 | <94.8 | <98.7 | <97.4 | <97.8 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENZENE | 0.0026 | 1.2 | <0.00200 | <0.00200 | 0.00842 | 0.0742 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| ETHYLBENZENE | 0.78 | 5.8 | <0.00200 | <0.00200 | <0.00200 | 0.00444 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| TOLUENE | 0.69 | 490 | <0.00200 | <0.00200 | 0.00200 | <0.00200 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| XYLENES, TOTAL | 9.9 | 58 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| 1,2,4-TRIMETHYLBENZENE | 0.0081 | 30 | <0.00200 | <0.00200 | <0.00200 | 0.00478 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| 1,3,5-TRIMETHYLBENZENE | 0.0087 | 27 | <0.00200 | <0.00200 | <0.00200 | <0.00200 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| Semi-VOCs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-METHYLNAPHTHALENE | 0.006 | 18 | <0.000364 | <0.000364 | <0.00182 | 0.00348 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| 2-METHYLNAPHTHALENE | 0.019 | 24 | <0.000645 | <0.000645 | <0.00323 | <0.00323 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| ACENAPHTHENE | 0.55 | 360 | <0.000304 | <0.000304 | <0.00152 | <0.00152 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| ANTHRACENE | 5.8 | 1,800 | <0.000334 | <0.000334 | <0.00167 | <0.00167 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| BENZO(A)ANTHRACENE | 0.011 | 1.1 | <0.000493 | <0.000493 | <0.00247 | <0.00247 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| BENZO(A)PYRENE | 0.24 | 0.11 | <0.000468 | <0.000468 | <0.00234 | <0.00234 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| BENZO(B)FLUORANTHENE | 0.3 | 1.1 | <0.000585 | <0.000585 | <0.00293 | <0.00293 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| BENZO(K)FLUORANTHENE | 2.9 | 11 | <0.000437 | <0.000437 | <0.00219 | <0.00219 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| CHRYSENE | 9 | 110 | <0.000624 | <0.000624 | <0.00312 | <0.00312 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| DIBENZ(A,H)ANTHRACENE | 0.096 | 0.11 | <0.000614 | <0.000614 | <0.00307 | <0.00307 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| FLUORANTHENE | 8.9 | 240 | <0.000394 | <0.000394 | <0.00197 | <0.00197 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| FLUORENE | 0.54 | 240 | <0.000286 | <0.000286 | <0.00143 | <0.00143 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| INDENO(1,2,3-CD)PYRENE | 0.98 | 1.1 | <0.000627 | <0.000627 | <0.00314 | <0.00314 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| NAPHTHALENE | 0.0038 | 2 | <0.000484 | <0.000484 | <0.00242 | <0.00242 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| PYRENE | 1.3 | 180 | <0.000643 | <0.000643 | <0.00322 | <0.00322 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| TPH** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GASOLINE RANGE HYDROCARBONS | NA | 500 | <0.200 | <0.200 | <0.200 | <0.200 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| C10-C28 DIESEL RANGE | -- | 500 | <25 | <25 | <25 | <25 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| C28-C40 RESIDUAL RANGE ORGANICS | -- | 500 | <100 | <100 | <100 | <100 | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | NS | |
| Soil Suitability for Reclamation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BORON | -- | 2 | 1.92 | 2.10 | 11.4 | 9.35 | 0.709 | 0.848 | <0.0992 | 0.864 | 2.03 | 1.76 | 0.548 | 2.03 | 2.44 | 0.762 | 1.64 | 1.58 | 0.315 | 0.926 | 1.51 | 0.332 | 1.73 | 0.133 | 1.53 | |
| PH | -- | 6 - 8.3 | 8.12 | 7.74 | 7.97 | 8.02 | 8.30 | 7.71 | 8.05 | 7.74 | 7.88 | 8.25 | 7.96 | 8.07 | 7.67 | 7.67 | 7.94 | 8.17 | 7.73 | 8.04 | 7.97 | 7.75 | 8.16 | 7.95 | 8.38 | |
| SODIUM ADSORPTION RATIO | -- | 6 | 3.18 | 3.67 | 41.7 | 25.9 | 3.31 | 2.83 | 3.05 | 2.96 | 2.57 | 2.38 | 2.82 | 3.08 | 3.18 | 2.77 | 3.33 | 3.79 | 3.94 | 3.83 | 3.49 | 3.51 | 3.35 | 3.22 | 2.03 | |
| SPECIFIC CONDUCTANCE | -- | 4 | 1.51 | 7.63 | 11.4 | 11.9 | 0.507 | 4.34 | 0.834 | 0.958 | 2.11 | 0.628 | 0.847 | 1.04 | 9.37 | 5.62 | 2.66 | 0.780 | 1.32 | 1.63 | 2.95 | 1.69 | 1.11 | 0.876 | 0.573 | |

NOTES:

- Boldface type indicates the analyte was detected above the reporting limit.
- Highlighted text indicates an exceedance of either the protection of groundwater soil screening level or residential soil screening level.
- ** Where RSSL or protection of groundwater screening level is not present, Table 915-1 Cleanup Concentrations are used.
- No standard established.
- NA Not applicable.
- NS Not sampled.
- BS indicates a background sample collected from unaffected soil nearby.
- FS indicates a sample collected from the floor of an excavation.
- SS indicates a surface sample collected from the area of shallow excavation with limited impact from produced water.
- SW indicates a sample collected from the sidewall of an excavation.
- SB indicates a soil boring completed by Geoprobe investigation