



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bvna.com/mining-laboratory-serv

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Ryan Burke**
60 Boswell Crescent
Whitehorse Yukon Y1A 4T3 Canada

Submitted By: Ryan Burke
Receiving Lab: Canada-Whitehorse
Received: October 14, 2021
Analysis Start: November 02, 2021
Report Date: November 16, 2021
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI21000636.1

CLIENT JOB INFORMATION

Project: KT
Shipment ID:
P.O. Number
Number of Samples: 13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Procedure Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|----------------|-------------------|---|--------------|---------------|-----|
| PRP70-250 | 13 | Crush, split and pulverize 250 g rock to 200 mesh | | | WHI |
| AQ201 | 13 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |
| BAT01 | 1 | Batch charge of <50 samples | | | VAN |
| SLBHP | 0 | Sort, label and box pulps | | | WHI |

SAMPLE DISPOSAL

IMM-PLP Return immediately after analysis
IMM-RJT Return immediately after analysis

ADDITIONAL COMMENTS

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Ryan Burke
60 Boswell Crescent
Whitehorse Yukon Y1A 4T3
Canada

CC: Michael Burke



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

WHI21000636.1

| Method | Analyte | WGHT | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---------|---------|------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| | | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca |
| Unit | | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % |
| MDL | | 0.01 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 |
| 3853092 | Rock | 0.57 | 0.7 | 8845.8 | 7.2 | 243 | 8.7 | 19.5 | 108.9 | 1652 | 12.17 | 18.3 | 0.1 | 4375.0 | 0.8 | 7 | 0.6 | 0.2 | 0.2 | 204 | 1.71 |
| 3853093 | Rock | 2.00 | 2.7 | 5213.0 | 2.1 | 323 | 1.0 | 37.1 | 64.2 | 1002 | 4.43 | <0.5 | 0.4 | 84.2 | 0.4 | 42 | 1.5 | <0.1 | <0.1 | 108 | 1.45 |
| 3853094 | Rock | 2.00 | 3.1 | 6700.0 | 3.2 | 270 | 1.5 | 29.8 | 77.9 | 1192 | 4.99 | <0.5 | 0.5 | 100.9 | 0.5 | 45 | 1.1 | 0.1 | <0.1 | 127 | 1.51 |
| 3853095 | Rock | 1.40 | 3.0 | 3498.2 | 4.9 | 218 | 1.4 | 25.4 | 59.4 | 1022 | 6.13 | 3.7 | 0.5 | 161.2 | 1.0 | 31 | 0.7 | 0.2 | <0.1 | 120 | 0.88 |
| 3853096 | Rock | 1.74 | 4.5 | 4780.9 | 5.8 | 286 | 1.7 | 22.4 | 57.1 | 1173 | 5.68 | <0.5 | 0.5 | 214.0 | 0.6 | 41 | 1.0 | 0.1 | 0.1 | 110 | 1.77 |
| 3853097 | Rock | 1.45 | 3.6 | 3700.7 | 2.1 | 145 | 1.0 | 14.6 | 42.0 | 634 | 4.32 | <0.5 | 0.4 | 120.4 | 0.4 | 33 | 0.6 | <0.1 | <0.1 | 66 | 0.74 |
| 3853098 | Rock | 1.57 | 2.1 | 4631.9 | 3.9 | 197 | 0.4 | 36.5 | 88.5 | 1513 | 4.58 | <0.5 | 0.5 | 36.2 | 0.6 | 33 | 0.8 | <0.1 | <0.1 | 145 | 1.38 |
| 3853099 | Rock | 0.69 | 1.5 | 4446.9 | 1.6 | 257 | 0.2 | 21.4 | 54.9 | 2637 | 3.88 | <0.5 | 0.8 | 85.3 | 0.6 | 58 | 1.5 | <0.1 | <0.1 | 236 | 4.63 |
| 3853100 | Rock | 0.44 | 2.3 | 2275.9 | 3.3 | 58 | 0.5 | 63.9 | 140.8 | 584 | 9.00 | <0.5 | 0.6 | 34.5 | 0.5 | 12 | 0.1 | <0.1 | <0.1 | 76 | 0.26 |
| 3853021 | Rock | 0.88 | 14.7 | 1002.6 | 2.9 | 76 | 0.3 | 9.0 | 19.5 | 877 | 8.71 | 4.0 | 0.4 | 18.4 | 0.5 | 23 | 0.2 | 0.2 | 0.1 | 156 | 4.36 |
| 3853022 | Rock | 1.16 | 0.6 | 6366.7 | 11.0 | 771 | 0.3 | 49.4 | 137.9 | 3230 | 5.31 | 4.4 | 1.0 | 19.5 | 0.3 | 12 | 4.7 | 0.1 | <0.1 | 234 | 5.21 |
| 3853105 | Rock | 0.98 | 1.6 | 315.4 | 13.5 | 172 | 0.4 | 15.0 | 32.6 | 1368 | 13.62 | 7.3 | 0.4 | 68.6 | 0.3 | 27 | 0.4 | 0.4 | 0.2 | 200 | 1.42 |
| 3853106 | Rock | 1.01 | 0.5 | 189.0 | 1.0 | 75 | <0.1 | 22.2 | 19.3 | 1372 | 4.71 | 0.9 | 0.1 | 11.7 | 0.2 | 119 | 0.1 | <0.1 | <0.1 | 156 | 4.23 |



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CERTIFICATE OF ANALYSIS

WHI21000636.1

| Method | Analyte | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te |
| Unit | | % | ppm | ppm | % | ppm | % | ppm | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| 3853092 | Rock | 0.040 | 1 | 145 | 2.63 | 18 | 0.089 | 2 | 3.92 | 0.018 | 0.13 | <0.1 | 0.27 | 12.6 | <0.1 | 1.38 | 11 | 18.8 | 2.5 |
| 3853093 | Rock | 0.038 | 1 | 85 | 1.61 | 78 | 0.100 | 4 | 4.00 | 0.172 | 0.13 | <0.1 | 0.11 | 13.6 | <0.1 | 0.09 | 9 | 3.5 | 0.6 |
| 3853094 | Rock | 0.038 | 1 | 72 | 1.60 | 102 | 0.103 | 3 | 4.19 | 0.178 | 0.11 | <0.1 | 0.13 | 15.1 | <0.1 | 0.59 | 9 | 6.2 | 0.8 |
| 3853095 | Rock | 0.055 | 2 | 67 | 1.29 | 70 | 0.091 | 2 | 3.28 | 0.077 | 0.14 | <0.1 | 0.10 | 12.6 | <0.1 | 0.10 | 8 | 3.5 | 0.7 |
| 3853096 | Rock | 0.066 | 2 | 52 | 1.03 | 74 | 0.098 | 4 | 2.86 | 0.120 | 0.12 | <0.1 | 0.23 | 12.8 | <0.1 | 0.16 | 7 | 6.5 | 1.1 |
| 3853097 | Rock | 0.052 | 1 | 49 | 0.71 | 75 | 0.088 | 4 | 2.25 | 0.134 | 0.12 | <0.1 | 0.14 | 6.4 | <0.1 | 0.21 | 5 | 3.7 | 0.9 |
| 3853098 | Rock | 0.035 | 1 | 83 | 1.74 | 56 | 0.099 | 3 | 3.71 | 0.146 | 0.11 | <0.1 | 0.08 | 19.9 | <0.1 | 0.24 | 8 | 2.5 | 0.5 |
| 3853099 | Rock | 0.022 | 1 | 94 | 2.63 | 85 | 0.138 | 3 | 4.44 | 0.247 | 0.06 | <0.1 | 0.06 | 35.6 | <0.1 | 0.07 | 10 | 0.6 | 0.7 |
| 3853100 | Rock | 0.008 | <1 | 146 | 0.71 | 34 | 0.158 | 3 | 2.05 | 0.078 | 0.12 | <0.1 | 0.13 | 2.9 | <0.1 | 3.50 | 6 | 17.3 | 0.8 |
| 3853021 | Rock | 0.025 | 1 | 59 | 1.66 | 48 | 0.036 | 2 | 4.00 | 0.041 | 0.07 | <0.1 | 0.03 | 29.0 | <0.1 | 3.69 | 8 | 7.0 | 0.4 |
| 3853022 | Rock | 0.038 | 6 | 173 | 3.24 | 9 | 0.033 | 1 | 3.88 | 0.033 | 0.05 | <0.1 | 0.01 | 37.2 | <0.1 | 1.41 | 11 | 0.5 | <0.2 |
| 3853105 | Rock | 0.032 | 1 | 108 | 2.55 | 30 | 0.225 | 4 | 4.25 | 0.023 | 0.03 | <0.1 | 0.86 | 21.3 | 0.1 | 0.06 | 13 | 1.3 | 0.3 |
| 3853106 | Rock | 0.038 | 1 | 51 | 2.22 | 269 | 0.185 | 7 | 5.10 | 0.212 | 0.05 | <0.1 | 0.10 | 13.3 | <0.1 | 0.10 | 10 | <0.5 | <0.2 |



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QUALITY CONTROL REPORT

WHI21000636.1

| Method | WGHT | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|------------------------|------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Analyte | Wgt | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | |
| Unit | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | % | |
| MDL | 0.01 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 3853092 | Rock | 0.57 | 0.7 | 8845.8 | 7.2 | 243 | 8.7 | 19.5 | 108.9 | 1652 | 12.17 | 18.3 | 0.1 | 4375.0 | 0.8 | 7 | 0.6 | 0.2 | 0.2 | 204 | 1.71 |
| REP 3853092 | QC | | 0.8 | 8617.8 | 7.3 | 244 | 8.6 | 19.6 | 111.2 | 1610 | 11.71 | 18.9 | 0.1 | 4649.4 | 0.4 | 7 | 0.6 | 0.2 | 0.2 | 200 | 1.67 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | | | |
| 3853095 | Rock | 1.40 | 3.0 | 3498.2 | 4.9 | 218 | 1.4 | 25.4 | 59.4 | 1022 | 6.13 | 3.7 | 0.5 | 161.2 | 1.0 | 31 | 0.7 | 0.2 | <0.1 | 120 | 0.88 |
| DUP 3853095 | QC | | 3.4 | 3423.5 | 5.0 | 224 | 1.4 | 24.4 | 59.3 | 1011 | 6.07 | 3.8 | 0.5 | 185.9 | 0.7 | 31 | 0.7 | 0.2 | <0.1 | 121 | 0.88 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | | 15.7 | 149.0 | 145.1 | 343 | 1.9 | 83.2 | 14.5 | 1043 | 3.13 | 48.4 | 3.1 | 73.7 | 9.9 | 78 | 3.0 | 9.3 | 13.4 | 49 | 1.08 |
| STD OREAS262 | Standard | | 0.7 | 113.9 | 59.3 | 154 | 0.5 | 66.0 | 27.6 | 540 | 3.20 | 37.9 | 1.4 | 56.7 | 10.8 | 40 | 0.7 | 4.4 | 1.1 | 22 | 2.82 |
| STD DS11 Expected | | | 14.6 | 149 | 138 | 345 | 1.71 | 77.7 | 14.2 | 1055 | 3.1 | 42.8 | 2.59 | 79 | 7.65 | 67.3 | 2.37 | 8.74 | 12.2 | 50 | 1.063 |
| STD OREAS262 Expected | | | 0.68 | 118 | 56 | 154 | 0.45 | 62 | 26.9 | 530 | 3.284 | 35.8 | 1.22 | 65 | 9.33 | 36 | 0.61 | 5.06 | 1.03 | 22.5 | 2.98 |
| BLK | Blank | | <0.1 | 0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 |
| Prep Wash | | | | | | | | | | | | | | | | | | | | | |
| ROCK-WHI | Prep Blank | | 1.6 | 3.6 | 1.1 | 26 | <0.1 | 1.4 | 3.4 | 470 | 1.79 | 1.4 | 0.5 | <0.5 | 2.5 | 20 | <0.1 | <0.1 | <0.1 | 22 | 0.54 |
| ROCK-WHI | Prep Blank | | 1.6 | 3.5 | 1.1 | 27 | <0.1 | 1.7 | 3.5 | 468 | 1.85 | 1.1 | 0.6 | <0.5 | 3.0 | 22 | <0.1 | <0.1 | <0.1 | 23 | 0.56 |



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QUALITY CONTROL REPORT

WHI21000636.1

| Method | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 | AQ201 |
|------------------------|------------|--------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| Analyte | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | |
| Unit | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | |
| MDL | 0.001 | 1 | 1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | |
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | |
| 3853092 | Rock | 0.040 | 1 | 145 | 2.63 | 18 | 0.089 | 2 | 3.92 | 0.018 | 0.13 | <0.1 | 0.27 | 12.6 | <0.1 | 1.38 | 11 | 18.8 | 2.5 |
| REP 3853092 | QC | 0.043 | 1 | 149 | 2.58 | 18 | 0.087 | 3 | 3.87 | 0.016 | 0.12 | <0.1 | 0.30 | 11.6 | <0.1 | 1.32 | 11 | 18.8 | 2.7 |
| Core Reject Duplicates | | | | | | | | | | | | | | | | | | | |
| 3853095 | Rock | 0.055 | 2 | 67 | 1.29 | 70 | 0.091 | 2 | 3.28 | 0.077 | 0.14 | <0.1 | 0.10 | 12.6 | <0.1 | 0.10 | 8 | 3.5 | 0.7 |
| DUP 3853095 | QC | 0.057 | 2 | 66 | 1.29 | 74 | 0.100 | 4 | 3.30 | 0.084 | 0.15 | <0.1 | 0.09 | 13.0 | <0.1 | 0.10 | 8 | 3.7 | 1.0 |
| Reference Materials | | | | | | | | | | | | | | | | | | | |
| STD DS11 | Standard | 0.080 | 21 | 64 | 0.86 | 390 | 0.109 | 7 | 1.19 | 0.078 | 0.40 | 3.1 | 0.27 | 3.4 | 5.3 | 0.28 | 5 | 2.6 | 5.2 |
| STD OREAS262 | Standard | 0.044 | 18 | 44 | 1.19 | 259 | 0.003 | 5 | 1.34 | 0.069 | 0.31 | 0.1 | 0.14 | 3.5 | 0.5 | 0.26 | 4 | <0.5 | 0.3 |
| STD DS11 Expected | | 0.0701 | 18.6 | 61.5 | 0.85 | 385 | 0.0976 | | 1.1795 | 0.0762 | 0.4 | 2.9 | 0.26 | 3.4 | 4.9 | 0.2835 | 5.1 | 2.2 | 4.56 |
| STD OREAS262 Expected | | 0.04 | 15.9 | 41.7 | 1.17 | 248 | 0.0027 | 4 | 1.3 | 0.071 | 0.312 | 0.2 | 0.17 | 3.24 | 0.47 | 0.253 | 4.1 | 0.4 | 0.23 |
| BLK | Blank | <0.001 | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 |
| Prep Wash | | | | | | | | | | | | | | | | | | | |
| ROCK-WHI | Prep Blank | 0.041 | 7 | 7 | 0.42 | 48 | 0.085 | 2 | 0.77 | 0.088 | 0.08 | <0.1 | <0.01 | 2.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| ROCK-WHI | Prep Blank | 0.038 | 7 | 8 | 0.44 | 51 | 0.095 | 2 | 0.80 | 0.093 | 0.08 | <0.1 | <0.01 | 2.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |