



ALS Canada Ltd.  
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To: TRIUMPH GOLD CORP.  
1111 MELVILLE STREET  
SUITE 1100  
VANCOUVER BC V6E 3V6

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Plus Appendix Pages  
Finalized Date: 10-SEP-2023  
Account: NOFREG

## CERTIFICATE WH23226490

Project: Tad Toro

This report is for 112 samples of 1/2 Core submitted to our lab in Whitehorse, YT, Canada on 11-AUG-2023.

The following have access to data associated with this certificate:

JESSE HALLE

MARTY HENNING

GRAEME HOPKINS

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION                     |
|----------|---------------------------------|
| LOG-21   | Sample logging - ClientBarCode  |
| CRU-31   | Fine crushing - 70% <2mm        |
| LOG-23   | Pulp Login - Rcvd with Barcode  |
| WEI-21   | Received Sample Weight          |
| CRU-QC   | Crushing QC Test                |
| PUL-QC   | Pulverizing QC Test             |
| SPL-21   | Split sample - riffle splitter  |
| PUL-31   | Pulverize up to 250g 85% <75 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION                    | INSTRUMENT |
|----------|--------------------------------|------------|
| ME-OG62  | Ore Grade Elements - Four Acid | ICP-AES    |
| Zn-OG62  | Ore Grade Zn - Four Acid       |            |
| Au-AA23  | Au 30g FA-AA finish            | AAS        |
| ME-MS61  | 48 element four acid ICP-MS    |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, Director, North Vancouver Operations



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**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Ag      | Al      | As      | Ba      | Be      | Bi      | Ca      | Cd      | Ce      | Co      | Cr      | Cs      | Cu      | Fe      | Ga      |
|                    |                                   | ppm     | %       | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     |
|                    |                                   | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    | 0.05    |
| D864374            |                                   | 0.64    | 7.69    | 33.2    | 1380    | 1.78    | 0.28    | 1.51    | 0.19    | 50.3    | 5.7     | 5       | 2.73    | 17.6    | 1.88    | 19.00   |
| D864375            |                                   | 0.60    | 7.52    | 33.7    | 1290    | 1.90    | 0.36    | 2.22    | 1.29    | 55.8    | 3.9     | 4       | 3.14    | 9.8     | 2.02    | 18.25   |
| D864376            |                                   | 1.49    | 6.98    | 51.7    | 1490    | 1.74    | 1.00    | 2.26    | 5.70    | 39.4    | 4.1     | 4       | 2.25    | 24.9    | 2.50    | 17.55   |
| D864377            |                                   | 1.16    | 7.26    | 64.1    | 1080    | 1.77    | 0.86    | 1.82    | 4.55    | 45.9    | 5.0     | 5       | 2.14    | 17.6    | 2.57    | 16.80   |
| D864378            |                                   | 1.75    | 7.41    | 54.7    | 1100    | 1.99    | 2.84    | 1.92    | 13.45   | 42.5    | 3.7     | 4       | 2.53    | 34.3    | 1.82    | 18.50   |
| D864379            |                                   | 1.05    | 7.34    | 41.3    | 1230    | 2.37    | 2.99    | 2.20    | 4.99    | 44.6    | 3.8     | 5       | 2.69    | 36.5    | 2.30    | 20.1    |
| D864380            |                                   | 2.41    | 7.45    | 33.6    | 1180    | 2.27    | 7.71    | 2.04    | 5.45    | 45.6    | 4.1     | 5       | 2.54    | 23.3    | 2.44    | 20.1    |
| D864381            |                                   | 1.71    | 7.36    | 26.1    | 1080    | 2.36    | 4.86    | 2.46    | 5.36    | 44.1    | 3.8     | 11      | 2.90    | 12.0    | 2.28    | 20.7    |
| D864382            |                                   | 4.71    | 7.16    | 36.3    | 1170    | 2.40    | 10.70   | 2.44    | 2.94    | 45.4    | 4.7     | 5       | 3.13    | 13.4    | 2.75    | 20.4    |
| D864383            |                                   | 2.64    | 7.13    | 62.0    | 1120    | 2.21    | 4.55    | 1.97    | 11.85   | 43.8    | 4.3     | 4       | 3.32    | 22.9    | 2.08    | 19.10   |
| D864384            |                                   | 2.43    | 7.06    | 63.5    | 1140    | 1.96    | 3.51    | 2.96    | 4.99    | 51.7    | 4.9     | 4       | 3.50    | 34.2    | 2.94    | 19.20   |
| D864385            |                                   | 5.19    | 6.46    | 32.1    | 280     | 0.74    | 1.16    | 0.89    | 5.99    | 26.0    | 15.0    | 23      | 7.97    | 5370    | 6.43    | 16.15   |
| D864386            |                                   | 4.26    | 7.24    | 100.5   | 1070    | 2.31    | 4.30    | 2.60    | 15.50   | 50.3    | 5.5     | 4       | 3.82    | 62.3    | 3.05    | 19.25   |
| D864387            |                                   | 2.68    | 7.19    | 100.5   | 1140    | 2.15    | 1.81    | 2.15    | 8.20    | 46.0    | 3.8     | 5       | 3.14    | 66.6    | 2.21    | 19.10   |
| D864388            |                                   | 0.95    | 7.46    | 53.2    | 1160    | 2.28    | 1.15    | 2.38    | 9.09    | 50.9    | 3.9     | 6       | 3.19    | 18.7    | 2.55    | 19.45   |
| D864389            |                                   | 1.08    | 7.08    | 65.0    | 1140    | 2.21    | 0.89    | 2.77    | 8.79    | 47.1    | 4.2     | 7       | 3.36    | 17.6    | 2.46    | 19.65   |
| D864390            |                                   | 1.11    | 7.16    | 61.8    | 1080    | 2.07    | 0.92    | 2.48    | 8.76    | 46.0    | 3.9     | 6       | 3.03    | 9.5     | 2.31    | 19.30   |
| D864391            |                                   | 1.09    | 7.32    | 63.7    | 1090    | 2.01    | 0.80    | 2.03    | 8.71    | 44.1    | 3.9     | 5       | 3.08    | 12.6    | 2.47    | 18.85   |
| D864392            |                                   | 1.01    | 7.37    | 51.7    | 1050    | 2.39    | 0.64    | 2.27    | 7.91    | 47.7    | 4.0     | 5       | 4.10    | 12.3    | 2.55    | 19.75   |
| D864393            |                                   | 0.69    | 7.46    | 47.9    | 1020    | 2.25    | 0.59    | 2.34    | 2.06    | 50.6    | 3.6     | 5       | 4.48    | 7.6     | 2.42    | 18.60   |
| D864394            |                                   | 5.49    | 6.82    | 59.4    | 930     | 2.07    | 1.56    | 2.51    | 22.2    | 43.5    | 4.9     | 5       | 3.58    | 33.6    | 2.38    | 19.25   |
| D864395            |                                   | 1.65    | 7.35    | 49.3    | 1060    | 1.93    | 0.64    | 1.87    | 6.64    | 48.1    | 4.2     | 4       | 3.91    | 37.2    | 2.12    | 18.65   |
| D864396            |                                   | 2.64    | 7.44    | 54.5    | 1170    | 1.95    | 0.64    | 1.92    | 16.55   | 50.4    | 4.3     | 5       | 3.15    | 52.7    | 2.27    | 19.00   |
| D864397            |                                   | 1.81    | 7.00    | 83.0    | 1130    | 1.97    | 0.71    | 2.00    | 16.35   | 45.6    | 5.0     | 4       | 3.71    | 25.9    | 2.80    | 17.90   |
| D864398            |                                   | 1.47    | 7.29    | 58.3    | 1130    | 2.08    | 0.96    | 1.96    | 8.77    | 46.9    | 5.2     | 4       | 3.19    | 31.9    | 2.46    | 19.15   |
| D864399            |                                   | 1.94    | 6.82    | 32.6    | 1160    | 2.00    | 1.24    | 2.46    | 5.10    | 43.3    | 4.2     | 5       | 2.55    | 68.0    | 2.29    | 18.90   |
| D864400            |                                   | 4.94    | 6.18    | 29.3    | 280     | 0.71    | 1.18    | 0.85    | 5.63    | 24.8    | 15.2    | 20      | 7.61    | 5100    | 6.19    | 15.55   |
| D864401            |                                   | 2.25    | 6.77    | 32.3    | 1110    | 1.87    | 2.34    | 2.42    | 27.7    | 39.4    | 3.9     | 4       | 2.94    | 55.7    | 2.23    | 18.45   |
| D864402            |                                   | 4.39    | 7.06    | 51.4    | 970     | 1.89    | 8.02    | 2.03    | 22.9    | 43.6    | 4.2     | 5       | 3.22    | 88.2    | 2.17    | 18.55   |
| D864403            |                                   | 2.45    | 7.09    | 43.4    | 1030    | 1.93    | 9.22    | 1.99    | 12.35   | 42.8    | 4.6     | 4       | 3.41    | 80.4    | 2.25    | 19.75   |
| D864404            |                                   | 7.97    | 6.78    | 44.1    | 780     | 2.03    | 22.1    | 2.81    | 17.25   | 49.2    | 5.1     | 4       | 3.23    | 70.8    | 2.61    | 18.85   |
| D864405            |                                   | 2.72    | 7.53    | 43.4    | 1050    | 1.88    | 6.13    | 1.43    | 10.25   | 51.6    | 4.2     | 4       | 2.65    | 53.5    | 2.32    | 19.50   |
| D864406            |                                   | 6.07    | 7.20    | 53.6    | 950     | 1.97    | 13.00   | 2.07    | 25.7    | 45.9    | 4.8     | 4       | 3.07    | 51.3    | 2.47    | 19.60   |
| D864407            |                                   | 3.10    | 7.12    | 52.8    | 760     | 2.20    | 5.49    | 1.53    | 8.00    | 44.8    | 5.0     | 6       | 5.82    | 53.3    | 2.07    | 18.95   |
| D864408            |                                   | 1.90    | 7.16    | 38.0    | 1080    | 2.28    | 2.28    | 2.25    | 16.10   | 44.5    | 3.9     | 4       | 4.16    | 51.6    | 2.24    | 18.70   |
| D864409            |                                   | 1.58    | 7.05    | 29.7    | 1080    | 2.29    | 1.52    | 2.35    | 13.30   | 41.9    | 4.0     | 5       | 4.71    | 25.9    | 2.16    | 20.0    |
| D864410            |                                   | 1.64    | 7.06    | 33.4    | 1110    | 2.15    | 1.22    | 2.33    | 12.55   | 46.7    | 4.1     | 9       | 3.81    | 32.7    | 2.27    | 18.75   |
| D864411            |                                   | 2.37    | 7.19    | 42.0    | 1090    | 2.25    | 1.44    | 2.43    | 19.30   | 50.5    | 4.6     | 5       | 4.31    | 61.9    | 2.52    | 19.15   |
| D864412            |                                   | 2.58    | 7.02    | 31.7    | 1260    | 2.19    | 3.33    | 2.61    | 16.25   | 42.0    | 4.2     | 6       | 4.48    | 45.7    | 2.27    | 19.00   |
| D864413            |                                   | 6.58    | 6.82    | 37.6    | 1130    | 2.12    | 11.40   | 2.18    | 7.51    | 45.4    | 4.4     | 4       | 5.28    | 30.8    | 2.39    | 18.15   |



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|--------------------|-----------------------------------|-------------|------------|--------------|-----------|------------|------------|-----------|----------|-------------|-----------|------------|------------|-----------|------------|
|                    |                                   | Ge          | Hf         | In           | K         | La         | Li         | Mg        | Mn       | Mo          | Na        | Nb         | Ni         | P         | Pb         |
|                    |                                   | ppm<br>0.05 | ppm<br>0.1 | ppm<br>0.005 | %<br>0.01 | ppm<br>0.5 | ppm<br>0.2 | %<br>0.01 | ppm<br>5 | ppm<br>0.05 | %<br>0.01 | ppm<br>0.1 | ppm<br>0.2 | ppm<br>10 | ppm<br>0.5 |
| D864374            |                                   | 0.08        | 1.4        | 0.031        | 3.12      | 24.5       | 21.9       | 0.40      | 2070     | 8.02        | 1.59      | 11.6       | 2.0        | 740       | 23.9       |
| D864375            |                                   | 0.10        | 1.4        | 0.024        | 2.91      | 28.4       | 20.7       | 0.50      | 2520     | 22.6        | 1.40      | 11.4       | 2.4        | 720       | 69.0       |
| D864376            |                                   | 0.11        | 1.4        | 0.029        | 2.59      | 18.9       | 20.8       | 0.40      | 2380     | 5.29        | 1.71      | 11.0       | 2.1        | 670       | 191.0      |
| D864377            |                                   | 0.10        | 1.4        | 0.019        | 2.28      | 22.0       | 20.2       | 0.37      | 2080     | 12.75       | 1.86      | 11.7       | 2.5        | 700       | 135.5      |
| D864378            |                                   | 0.07        | 1.5        | 0.175        | 2.81      | 20.7       | 19.4       | 0.25      | 1290     | 29.0        | 1.62      | 11.3       | 2.2        | 730       | 159.5      |
| D864379            |                                   | 0.10        | 1.4        | 0.180        | 2.94      | 20.8       | 12.9       | 0.35      | 1190     | 16.65       | 2.08      | 10.7       | 2.1        | 690       | 35.2       |
| D864380            |                                   | 0.11        | 1.4        | 0.158        | 2.72      | 21.7       | 14.6       | 0.39      | 1060     | 9.20        | 2.16      | 10.8       | 2.4        | 710       | 51.8       |
| D864381            |                                   | 0.09        | 1.4        | 0.245        | 2.69      | 21.2       | 12.6       | 0.38      | 1310     | 30.6        | 2.09      | 11.5       | 2.2        | 700       | 39.7       |
| D864382            |                                   | 0.10        | 1.5        | 0.108        | 2.77      | 20.7       | 11.6       | 0.34      | 1505     | 27.9        | 1.92      | 11.2       | 2.8        | 690       | 80.7       |
| D864383            |                                   | 0.10        | 1.4        | 0.093        | 2.84      | 21.0       | 13.6       | 0.32      | 1400     | 40.6        | 1.46      | 10.6       | 1.7        | 670       | 194.5      |
| D864384            |                                   | 0.10        | 1.6        | 0.062        | 2.46      | 26.0       | 14.9       | 0.64      | 1880     | 9.25        | 1.10      | 10.1       | 2.6        | 760       | 121.5      |
| D864385            |                                   | 0.14        | 0.1        | 0.318        | 2.34      | 12.2       | 26.1       | 0.59      | 936      | 137.0       | 0.44      | 3.0        | 18.3       | 550       | 135.0      |
| D864386            |                                   | 0.11        | 1.8        | 0.066        | 2.50      | 23.9       | 14.1       | 0.55      | 1750     | 11.25       | 1.40      | 10.1       | 2.5        | 880       | 249        |
| D864387            |                                   | 0.11        | 1.3        | 0.067        | 2.82      | 22.1       | 12.7       | 0.40      | 1425     | 20.3        | 1.57      | 11.4       | 2.7        | 700       | 234        |
| D864388            |                                   | 0.10        | 1.4        | 0.205        | 2.86      | 24.5       | 11.0       | 0.44      | 1180     | 15.85       | 2.08      | 11.0       | 2.0        | 690       | 46.1       |
| D864389            |                                   | 0.13        | 1.4        | 0.099        | 2.85      | 22.2       | 12.0       | 0.39      | 1390     | 27.0        | 1.90      | 11.4       | 2.8        | 680       | 124.5      |
| D864390            |                                   | 0.10        | 1.4        | 0.077        | 2.75      | 21.3       | 14.1       | 0.34      | 1640     | 5.53        | 1.74      | 11.4       | 2.1        | 680       | 232        |
| D864391            |                                   | 0.10        | 1.4        | 0.059        | 2.71      | 21.1       | 14.7       | 0.36      | 2250     | 16.05       | 1.70      | 11.4       | 2.5        | 690       | 217        |
| D864392            |                                   | 0.12        | 1.4        | 0.058        | 2.71      | 22.8       | 12.2       | 0.45      | 2510     | 28.9        | 1.72      | 11.6       | 2.1        | 690       | 166.0      |
| D864393            |                                   | 0.13        | 1.4        | 0.052        | 2.84      | 25.3       | 13.0       | 0.46      | 2880     | 11.90       | 1.36      | 11.0       | 3.4        | 700       | 70.8       |
| D864394            |                                   | 0.08        | 1.3        | 0.122        | 2.63      | 20.3       | 12.0       | 0.57      | 2250     | 17.10       | 1.11      | 11.3       | 2.2        | 690       | 1045       |
| D864395            |                                   | 0.12        | 1.4        | 0.091        | 2.75      | 23.6       | 14.3       | 0.39      | 2280     | 16.95       | 1.39      | 11.4       | 2.5        | 680       | 107.0      |
| D864396            |                                   | 0.10        | 1.3        | 0.138        | 2.61      | 24.4       | 14.2       | 0.40      | 1975     | 52.8        | 1.68      | 11.5       | 2.2        | 690       | 342        |
| D864397            |                                   | 0.09        | 1.2        | 0.119        | 2.69      | 20.9       | 13.2       | 0.42      | 2140     | 40.3        | 1.42      | 10.8       | 2.6        | 660       | 308        |
| D864398            |                                   | 0.10        | 1.3        | 0.050        | 2.73      | 22.2       | 11.7       | 0.41      | 1670     | 16.70       | 1.71      | 11.4       | 2.0        | 670       | 167.0      |
| D864399            |                                   | 0.09        | 1.3        | 0.040        | 2.60      | 19.5       | 11.7       | 0.39      | 1335     | 24.7        | 1.83      | 10.8       | 2.5        | 660       | 113.5      |
| D864400            |                                   | 0.14        | 0.1        | 0.303        | 2.24      | 11.4       | 25.0       | 0.57      | 889      | 138.0       | 0.42      | 3.1        | 17.6       | 520       | 128.5      |
| D864401            |                                   | 0.07        | 1.2        | 0.116        | 2.52      | 18.3       | 13.6       | 0.52      | 1260     | 2.97        | 1.61      | 10.8       | 1.8        | 650       | 599        |
| D864402            |                                   | 0.09        | 1.3        | 0.155        | 2.49      | 20.0       | 13.2       | 0.38      | 1180     | 6.48        | 1.31      | 11.0       | 2.5        | 670       | 283        |
| D864403            |                                   | 0.09        | 1.3        | 0.311        | 2.37      | 19.5       | 12.2       | 0.33      | 1185     | 23.4        | 1.54      | 11.4       | 1.9        | 680       | 66.2       |
| D864404            |                                   | 0.12        | 1.3        | 0.285        | 2.11      | 24.4       | 10.9       | 0.79      | 1640     | 25.6        | 1.34      | 10.4       | 2.4        | 650       | 155.0      |
| D864405            |                                   | 0.12        | 1.3        | 0.254        | 2.49      | 24.9       | 12.4       | 0.42      | 1150     | 18.60       | 1.52      | 11.4       | 2.1        | 690       | 73.9       |
| D864406            |                                   | 0.12        | 1.3        | 0.507        | 2.25      | 21.6       | 14.2       | 0.61      | 1375     | 26.2        | 1.27      | 11.6       | 2.3        | 670       | 424        |
| D864407            |                                   | 0.10        | 1.4        | 0.113        | 2.05      | 21.3       | 17.9       | 0.58      | 922      | 15.15       | 0.76      | 11.4       | 3.2        | 700       | 282        |
| D864408            |                                   | 0.10        | 1.3        | 0.416        | 2.52      | 20.4       | 9.4        | 0.36      | 1300     | 9.81        | 1.74      | 11.6       | 2.3        | 680       | 203        |
| D864409            |                                   | 0.11        | 1.3        | 0.309        | 2.66      | 18.6       | 8.5        | 0.41      | 1345     | 3.67        | 1.79      | 11.7       | 1.8        | 680       | 140.5      |
| D864410            |                                   | 0.09        | 1.3        | 0.337        | 2.48      | 22.6       | 9.5        | 0.44      | 1225     | 27.0        | 1.97      | 10.9       | 1.9        | 650       | 67.6       |
| D864411            |                                   | 0.11        | 1.3        | 0.692        | 2.41      | 24.5       | 10.5       | 0.50      | 1280     | 14.65       | 1.94      | 11.6       | 1.9        | 670       | 91.3       |
| D864412            |                                   | 0.10        | 1.3        | 0.537        | 2.49      | 20.2       | 10.2       | 0.47      | 1120     | 11.90       | 1.78      | 10.8       | 1.7        | 660       | 81.8       |
| D864413            |                                   | 0.10        | 1.3        | 0.159        | 2.65      | 20.8       | 11.0       | 0.48      | 1285     | 30.4        | 1.57      | 10.7       | 1.9        | 650       | 244        |



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**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Re      | S       | Sb      | Sc      | Se      | Sn      | Sr      | Ta      | Te      | Th      | Ti      | Tl      | U       | V       | W       |
|                    |                                   | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     |
|                    |                                   | 0.002   | 0.01    | 0.05    | 0.1     | 1       | 0.2     | 0.2     | 0.05    | 0.05    | 0.01    | 0.005   | 0.02    | 0.1     | 1       | 0.1     |
| D864374            |                                   | 0.004   | 0.32    | 2.59    | 4.1     | 1       | 1.9     | 399     | 0.80    | <0.05   | 8.84    | 0.213   | 1.46    | 5.0     | 34      | 6.0     |
| D864375            |                                   | 0.013   | 0.34    | 2.48    | 4.2     | 2       | 2.1     | 456     | 0.80    | <0.05   | 8.61    | 0.207   | 1.49    | 5.2     | 33      | 6.3     |
| D864376            |                                   | 0.005   | 0.88    | 2.99    | 4.0     | 3       | 2.1     | 578     | 0.78    | 0.05    | 6.94    | 0.199   | 1.43    | 3.4     | 34      | 6.4     |
| D864377            |                                   | 0.009   | 1.04    | 2.59    | 4.2     | 2       | 2.0     | 505     | 0.82    | 0.05    | 8.19    | 0.212   | 1.28    | 3.6     | 35      | 6.1     |
| D864378            |                                   | 0.033   | 0.67    | 2.52    | 3.9     | 2       | 1.9     | 434     | 0.83    | 0.08    | 7.46    | 0.212   | 1.54    | 3.6     | 34      | 5.9     |
| D864379            |                                   | 0.010   | 0.83    | 2.30    | 4.1     | 3       | 1.7     | 595     | 0.75    | 0.12    | 7.51    | 0.203   | 1.34    | 3.7     | 36      | 2.7     |
| D864380            |                                   | 0.004   | 1.08    | 1.95    | 4.1     | 3       | 1.8     | 594     | 0.76    | 0.15    | 7.62    | 0.204   | 1.20    | 4.1     | 35      | 2.3     |
| D864381            |                                   | 0.037   | 0.71    | 1.84    | 4.3     | 2       | 1.9     | 618     | 0.82    | 0.12    | 7.70    | 0.213   | 1.21    | 4.3     | 36      | 2.1     |
| D864382            |                                   | 0.039   | 1.24    | 2.18    | 4.1     | 2       | 2.0     | 595     | 0.79    | 0.24    | 7.62    | 0.204   | 1.37    | 4.5     | 36      | 2.6     |
| D864383            |                                   | 0.060   | 1.02    | 2.60    | 4.0     | 3       | 2.1     | 430     | 0.75    | 0.16    | 7.45    | 0.195   | 1.66    | 4.4     | 34      | 5.4     |
| D864384            |                                   | 0.006   | 1.48    | 3.96    | 4.8     | 3       | 2.4     | 426     | 0.68    | 0.43    | 7.52    | 0.222   | 1.38    | 5.6     | 42      | 5.6     |
| D864385            |                                   | 0.262   | 4.26    | 3.18    | 7.0     | 8       | 3.2     | 118.0   | 0.22    | 0.71    | 3.25    | 0.139   | 1.49    | 0.5     | 64      | 2.9     |
| D864386            |                                   | 0.010   | 1.12    | 4.35    | 5.2     | 2       | 2.7     | 435     | 0.65    | 0.10    | 6.78    | 0.264   | 1.44    | 5.0     | 52      | 7.4     |
| D864387            |                                   | 0.008   | 0.51    | 3.81    | 4.2     | 1       | 1.9     | 466     | 0.80    | <0.05   | 7.60    | 0.211   | 1.43    | 5.2     | 36      | 4.8     |
| D864388            |                                   | 0.014   | 0.80    | 1.91    | 4.1     | 2       | 1.9     | 584     | 0.79    | <0.05   | 8.40    | 0.205   | 1.32    | 5.4     | 35      | 2.5     |
| D864389            |                                   | 0.018   | 0.64    | 2.18    | 4.1     | 2       | 1.8     | 550     | 0.83    | <0.05   | 7.77    | 0.208   | 1.44    | 5.6     | 35      | 3.2     |
| D864390            |                                   | 0.003   | 0.60    | 2.94    | 4.0     | 3       | 1.9     | 519     | 0.81    | <0.05   | 7.77    | 0.205   | 1.46    | 5.0     | 35      | 4.5     |
| D864391            |                                   | 0.007   | 0.70    | 3.99    | 4.1     | 1       | 2.1     | 457     | 0.82    | 0.05    | 7.36    | 0.208   | 1.49    | 4.7     | 35      | 6.6     |
| D864392            |                                   | 0.009   | 0.55    | 3.91    | 4.2     | 3       | 2.4     | 482     | 0.81    | <0.05   | 7.83    | 0.208   | 1.56    | 6.0     | 34      | 4.0     |
| D864393            |                                   | 0.006   | 0.51    | 3.98    | 4.1     | 3       | 2.2     | 415     | 0.81    | <0.05   | 8.62    | 0.211   | 1.68    | 5.9     | 35      | 4.0     |
| D864394            |                                   | 0.008   | 0.80    | 5.38    | 4.2     | 3       | 2.5     | 373     | 0.72    | <0.05   | 7.13    | 0.202   | 1.45    | 4.9     | 37      | 4.2     |
| D864395            |                                   | 0.008   | 0.51    | 4.30    | 4.2     | 2       | 1.7     | 368     | 0.78    | 0.06    | 8.33    | 0.204   | 1.44    | 5.8     | 35      | 4.3     |
| D864396            |                                   | 0.021   | 0.68    | 4.03    | 4.2     | 2       | 1.1     | 456     | 0.79    | <0.05   | 8.48    | 0.209   | 1.31    | 5.5     | 36      | 3.0     |
| D864397            |                                   | 0.013   | 0.92    | 3.62    | 3.9     | 4       | 1.5     | 404     | 0.72    | <0.05   | 7.56    | 0.196   | 1.45    | 5.1     | 34      | 4.2     |
| D864398            |                                   | 0.007   | 0.78    | 3.51    | 4.2     | 3       | 2.0     | 477     | 0.78    | 0.05    | 8.19    | 0.201   | 1.55    | 5.6     | 35      | 3.9     |
| D864399            |                                   | 0.013   | 0.69    | 3.58    | 4.0     | 4       | 1.4     | 541     | 0.74    | <0.05   | 7.48    | 0.196   | 1.27    | 5.1     | 34      | 3.2     |
| D864400            |                                   | 0.231   | 4.11    | 2.88    | 6.7     | 6       | 2.9     | 116.5   | 0.20    | 0.74    | 3.38    | 0.132   | 1.41    | 0.4     | 62      | 2.8     |
| D864401            |                                   | 0.002   | 0.75    | 4.02    | 3.8     | 1       | 1.5     | 474     | 0.76    | <0.05   | 7.24    | 0.198   | 1.30    | 5.1     | 34      | 3.5     |
| D864402            |                                   | 0.002   | 0.79    | 4.20    | 4.0     | 1       | 1.6     | 369     | 0.76    | 0.07    | 7.61    | 0.204   | 1.46    | 4.8     | 36      | 3.7     |
| D864403            |                                   | 0.013   | 0.89    | 3.46    | 4.1     | 1       | 1.7     | 419     | 0.77    | 0.05    | 7.33    | 0.203   | 1.38    | 4.4     | 35      | 3.7     |
| D864404            |                                   | 0.012   | 0.77    | 6.59    | 3.9     | 2       | 2.0     | 420     | 0.70    | 0.08    | 7.43    | 0.188   | 1.39    | 5.9     | 33      | 5.1     |
| D864405            |                                   | 0.005   | 0.75    | 4.75    | 4.3     | 1       | 1.6     | 377     | 0.79    | 0.07    | 8.35    | 0.209   | 1.29    | 5.1     | 36      | 4.2     |
| D864406            |                                   | 0.029   | 0.78    | 9.25    | 4.2     | 2       | 2.0     | 400     | 0.80    | 0.08    | 7.81    | 0.203   | 1.36    | 6.1     | 34      | 4.8     |
| D864407            |                                   | 0.007   | 0.69    | 10.50   | 4.0     | 2       | 3.3     | 267     | 0.77    | 0.08    | 7.89    | 0.206   | 1.41    | 5.0     | 35      | 7.3     |
| D864408            |                                   | 0.004   | 0.52    | 3.85    | 3.9     | 2       | 1.7     | 517     | 0.80    | 0.05    | 7.57    | 0.208   | 1.28    | 4.9     | 35      | 2.4     |
| D864409            |                                   | <0.002  | 0.44    | 3.23    | 4.0     | 2       | 2.1     | 541     | 0.80    | <0.05   | 7.14    | 0.204   | 1.36    | 4.7     | 36      | 1.9     |
| D864410            |                                   | 0.032   | 0.48    | 2.51    | 4.0     | 2       | 1.7     | 567     | 0.74    | 0.06    | 7.69    | 0.197   | 1.22    | 5.5     | 34      | 1.3     |
| D864411            |                                   | 0.014   | 0.59    | 2.72    | 4.1     | 2       | 1.8     | 551     | 0.80    | <0.05   | 8.22    | 0.206   | 1.26    | 6.1     | 35      | 1.8     |
| D864412            |                                   | 0.012   | 0.55    | 2.51    | 3.8     | 3       | 1.8     | 563     | 0.74    | 0.09    | 7.17    | 0.198   | 1.23    | 5.1     | 35      | 1.6     |
| D864413            |                                   | 0.015   | 0.56    | 3.25    | 3.9     | 4       | 1.9     | 518     | 0.74    | 0.06    | 7.42    | 0.197   | 1.35    | 6.4     | 33      | 2.2     |



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To: TRIUMPH GOLD CORP.  
1111 MELVILLE STREET  
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Plus Appendix Pages  
Finalized Date: 10-SEP-2023  
Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61    | ME-MS61  | ME-MS61    | Zn-OG62    | Au-AA23      | WEI-21     |
|--------------------|-----------------------------------|------------|----------|------------|------------|--------------|------------|
|                    |                                   | Y          | Zn       | Zr         | Zn         | Au           | Recvd Wt.  |
|                    |                                   | ppm<br>0.1 | ppm<br>2 | ppm<br>0.5 | %<br>0.001 | ppm<br>0.005 | kg<br>0.02 |
| D864374            |                                   | 11.4       | 56       | 37.7       |            | 0.046        | 1.01       |
| D864375            |                                   | 13.9       | 135      | 37.3       |            | 0.054        | 1.25       |
| D864376            |                                   | 11.7       | 419      | 35.9       |            | 0.052        | 3.27       |
| D864377            |                                   | 12.1       | 326      | 37.1       |            | 0.029        | 1.60       |
| D864378            |                                   | 10.9       | 898      | 38.0       |            | 0.029        | 1.74       |
| D864379            |                                   | 11.5       | 368      | 34.0       |            | 0.014        | 2.49       |
| D864380            |                                   | 11.1       | 399      | 33.9       |            | 0.018        | 2.52       |
| D864381            |                                   | 11.7       | 401      | 35.3       |            | 0.020        | 3.12       |
| D864382            |                                   | 11.6       | 241      | 36.1       |            | 0.018        | 1.71       |
| D864383            |                                   | 10.9       | 749      | 36.7       |            | 0.029        | 2.42       |
| D864384            |                                   | 13.7       | 332      | 51.8       |            | 0.028        | 2.65       |
| D864385            |                                   | 7.3        | 913      | 4.3        |            | 0.768        | 0.12       |
| D864386            |                                   | 13.8       | 1070     | 61.3       |            | 0.038        | 3.36       |
| D864387            |                                   | 11.7       | 583      | 36.1       |            | 0.033        | 3.32       |
| D864388            |                                   | 12.2       | 661      | 34.7       |            | 0.026        | 3.26       |
| D864389            |                                   | 12.2       | 640      | 34.8       |            | 0.023        | 3.27       |
| D864390            |                                   | 11.9       | 632      | 33.6       |            | 0.024        | 3.68       |
| D864391            |                                   | 11.6       | 674      | 35.0       |            | 0.031        | 3.88       |
| D864392            |                                   | 12.7       | 621      | 35.3       |            | 0.036        | 4.09       |
| D864393            |                                   | 13.0       | 200      | 34.9       |            | 0.045        | 3.29       |
| D864394            |                                   | 11.2       | 1400     | 34.6       |            | 0.042        | 4.11       |
| D864395            |                                   | 12.1       | 475      | 35.0       |            | 0.032        | 3.07       |
| D864396            |                                   | 12.1       | 1045     | 34.2       |            | 0.026        | 3.05       |
| D864397            |                                   | 12.2       | 1055     | 31.9       |            | 0.063        | 3.36       |
| D864398            |                                   | 12.0       | 581      | 33.7       |            | 0.063        | 3.13       |
| D864399            |                                   | 11.4       | 353      | 31.4       |            | 0.022        | 4.31       |
| D864400            |                                   | 7.4        | 873      | 3.7        |            | 0.756        | 0.12       |
| D864401            |                                   | 9.9        | 1685     | 31.6       |            | 0.028        | 3.98       |
| D864402            |                                   | 10.7       | 1385     | 32.8       |            | 0.023        | 3.10       |
| D864403            |                                   | 11.0       | 749      | 33.1       |            | 0.022        | 4.26       |
| D864404            |                                   | 12.0       | 1035     | 34.1       |            | 0.035        | 3.55       |
| D864405            |                                   | 11.7       | 641      | 35.6       |            | 0.028        | 2.74       |
| D864406            |                                   | 11.7       | 1500     | 35.9       |            | 0.027        | 4.51       |
| D864407            |                                   | 11.5       | 562      | 46.3       |            | 0.048        | 1.74       |
| D864408            |                                   | 10.8       | 1050     | 33.3       |            | 0.024        | 4.71       |
| D864409            |                                   | 10.8       | 858      | 33.6       |            | 0.098        | 3.49       |
| D864410            |                                   | 11.8       | 837      | 32.5       |            | 0.026        | 5.34       |
| D864411            |                                   | 12.1       | 1250     | 33.1       |            | 0.040        | 4.80       |
| D864412            |                                   | 10.9       | 1055     | 32.6       |            | 0.017        | 3.52       |
| D864413            |                                   | 11.5       | 547      | 33.4       |            | 0.024        | 3.13       |



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**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Ag      | Al      | As      | Ba      | Be      | Bi      | Ca      | Cd      | Ce      | Co      | Cr      | Cs      | Cu      | Fe      |
|                    |                                   | ppm     | %       | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       |
|                    |                                   | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    |
| D864414            |                                   | 1.54    | 6.78    | 44.1    | 1070    | 2.10    | 0.83    | 2.21    | 7.31    | 43.7    | 4.7     | 4       | 5.23    | 23.0    | 2.44    |
| D864415            |                                   | 2.05    | 7.05    | 50.2    | 1140    | 2.02    | 0.97    | 2.33    | 12.65   | 45.2    | 4.1     | 5       | 4.78    | 41.1    | 2.30    |
| D864416            |                                   | 1.53    | 7.36    | 40.3    | 1210    | 2.35    | 0.55    | 2.14    | 6.75    | 59.5    | 5.0     | 7       | 6.10    | 52.5    | 2.98    |
| D864417            |                                   | 1.28    | 7.25    | 54.4    | 1120    | 2.15    | 0.45    | 1.66    | 5.52    | 48.2    | 4.2     | 5       | 5.89    | 45.2    | 2.31    |
| D864418            |                                   | 1.35    | 7.36    | 46.8    | 1100    | 2.06    | 0.56    | 2.03    | 10.90   | 50.5    | 4.4     | 4       | 4.28    | 58.9    | 2.18    |
| D864419            |                                   | 0.95    | 7.12    | 58.1    | 1160    | 2.09    | 0.48    | 2.47    | 3.51    | 51.4    | 5.0     | 5       | 5.52    | 53.8    | 2.39    |
| D864420            |                                   | 0.02    | 0.07    | 0.6     | 10      | 0.08    | <0.01   | 20.4    | 0.05    | 1.15    | 0.8     | 1       | 0.10    | 3.4     | 0.13    |
| D864421            |                                   | 0.92    | 6.90    | 33.0    | 1230    | 2.24    | 0.33    | 2.34    | 1.10    | 47.3    | 5.0     | 5       | 7.05    | 41.1    | 2.19    |
| D864422            |                                   | 1.76    | 6.99    | 43.6    | 1130    | 2.34    | 0.17    | 2.21    | 2.03    | 47.4    | 4.6     | 5       | 5.93    | 52.9    | 2.24    |
| D864423            |                                   | 2.64    | 7.12    | 31.2    | 1250    | 2.26    | 0.20    | 1.91    | 1.73    | 49.0    | 5.1     | 4       | 5.71    | 84.0    | 2.14    |
| D864424            |                                   | 1.75    | 7.03    | 35.7    | 1150    | 2.27    | 0.20    | 2.32    | 1.86    | 52.8    | 3.4     | 6       | 6.54    | 17.7    | 2.31    |
| D864425            |                                   | 1.26    | 7.14    | 28.6    | 1360    | 2.11    | 0.23    | 2.41    | 1.55    | 50.7    | 4.5     | 4       | 7.80    | 21.7    | 2.96    |
| D864426            |                                   | 1.72    | 7.48    | 33.2    | 1550    | 2.49    | 0.38    | 2.54    | 1.79    | 55.6    | 5.9     | 4       | 10.35   | 46.1    | 3.72    |
| D864427            |                                   | 2.77    | 7.33    | 41.3    | 1310    | 2.50    | 0.56    | 2.35    | 4.61    | 51.2    | 5.2     | 4       | 8.64    | 65.8    | 3.63    |
| D864428            |                                   | 1.04    | 7.70    | 178.5   | 910     | 1.90    | 0.55    | 0.73    | 36.2    | 62.2    | 6.0     | 4       | 11.95   | 19.3    | 2.06    |
| D864429            |                                   | 0.99    | 7.58    | 709     | 950     | 1.76    | 0.52    | 0.39    | 21.5    | 58.4    | 2.9     | 4       | 14.60   | 8.7     | 2.10    |
| D864430            |                                   | 2.33    | 7.56    | 334     | 760     | 2.03    | 1.21    | 0.39    | 2.15    | 50.5    | 0.7     | 4       | 13.05   | 32.1    | 2.06    |
| D864431            |                                   | 1.35    | 8.02    | 121.5   | 810     | 2.47    | 1.15    | 0.89    | 1.53    | 42.0    | 1.5     | 4       | 8.90    | 76.5    | 2.25    |
| D864432            |                                   | 1.30    | 8.51    | 372     | 700     | 2.43    | 1.10    | 0.47    | 2.15    | 59.0    | 0.8     | 5       | 12.35   | 42.3    | 2.51    |
| D864433            |                                   | 1.58    | 8.12    | 275     | 600     | 2.33    | 1.60    | 0.67    | 1.68    | 53.9    | 0.9     | 4       | 14.85   | 45.6    | 2.38    |
| D864434            |                                   | 1.68    | 7.25    | 262     | 370     | 2.68    | 1.69    | 1.42    | 1.55    | 28.3    | 0.7     | 4       | 9.58    | 87.9    | 2.51    |
| D864435            |                                   | 5.21    | 6.36    | 30.9    | 290     | 0.75    | 1.24    | 0.83    | 5.31    | 24.1    | 14.2    | 22      | 7.35    | 5210    | 6.26    |
| D864436            |                                   | 3.13    | 6.55    | 842     | 620     | 1.96    | 4.10    | 1.59    | 4.91    | 37.2    | 0.4     | 7       | 13.85   | 52.5    | 3.32    |
| D864437            |                                   | 6.90    | 6.95    | 1230    | 450     | 1.94    | 9.04    | 0.90    | 9.39    | 55.6    | 0.2     | 4       | 61.1    | 10.5    | 2.16    |
| D864438            |                                   | 2.82    | 6.26    | 1135    | 720     | 1.68    | 3.26    | 1.11    | 7.06    | 41.2    | 0.3     | 4       | 44.0    | 11.6    | 2.52    |
| D864439            |                                   | 2.63    | 6.79    | 339     | 620     | 1.73    | 1.85    | 0.59    | 7.23    | 44.9    | 0.2     | 4       | 26.5    | 15.5    | 1.54    |
| D864440            |                                   | 3.75    | 7.08    | 571     | 610     | 1.91    | 3.41    | 1.09    | 4.86    | 48.0    | 0.3     | 4       | 16.30   | 16.2    | 2.06    |
| D864441            |                                   | 9.36    | 7.00    | 2790    | 460     | 2.61    | 10.95   | 1.42    | 168.5   | 45.0    | 4.5     | 4       | 12.25   | 110.0   | 3.03    |
| D864442            |                                   | 11.80   | 7.05    | 3760    | 450     | 2.23    | 12.85   | 0.96    | 233     | 51.5    | 5.1     | 4       | 12.65   | 132.5   | 3.02    |
| D864443            |                                   | 13.65   | 6.36    | 1910    | 440     | 1.92    | 21.1    | 0.73    | 268     | 40.0    | 4.7     | 4       | 9.31    | 98.2    | 2.83    |
| D864444            |                                   | 2.51    | 7.46    | 330     | 590     | 2.18    | 2.68    | 1.29    | 54.0    | 53.6    | 5.9     | 4       | 12.60   | 17.2    | 3.27    |
| D864445            |                                   | 1.98    | 7.38    | 562     | 870     | 2.04    | 2.43    | 1.70    | 36.6    | 43.3    | 4.5     | 4       | 12.15   | 31.3    | 2.61    |
| D864446            |                                   | 9.72    | 6.67    | 1240    | 300     | 2.14    | 15.35   | 1.80    | 48.2    | 42.9    | 4.7     | 3       | 33.9    | 60.1    | 3.04    |
| D864447            |                                   | 1.12    | 7.19    | 211     | 1080    | 1.88    | 1.73    | 1.68    | 13.65   | 42.0    | 3.6     | 6       | 11.10   | 11.0    | 2.33    |
| D864448            |                                   | 0.96    | 7.08    | 98.7    | 1010    | 1.83    | 1.24    | 1.90    | 9.37    | 42.0    | 3.7     | 4       | 11.30   | 13.1    | 2.30    |
| D864449            |                                   | 0.85    | 7.19    | 47.3    | 1110    | 1.87    | 1.60    | 1.73    | 17.45   | 39.2    | 3.1     | 4       | 11.60   | 13.1    | 2.45    |
| D864450            |                                   | 5.93    | 7.03    | 497     | 510     | 2.17    | 13.80   | 2.69    | 117.5   | 52.0    | 4.0     | 4       | 12.95   | 51.3    | 3.45    |
| D864451            |                                   | 1.97    | 7.23    | 296     | 710     | 2.41    | 3.86    | 1.64    | 17.60   | 46.9    | 4.4     | 4       | 16.85   | 31.9    | 3.09    |
| D864452            |                                   | 2.77    | 6.97    | 100.5   | 860     | 2.04    | 5.15    | 2.42    | 13.55   | 42.3    | 3.8     | 4       | 11.95   | 53.1    | 3.18    |
| D864453            |                                   | 0.02    | 0.09    | 1.2     | 80      | <0.05   | 0.03    | 33.0    | 0.11    | 1.29    | 0.9     | 1       | 0.12    | 4.3     | 0.10    |



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To: TRIUMPH GOLD CORP.  
 1111 MELVILLE STREET  
 SUITE 1100  
 VANCOUVER BC V6E 3V6

Page: 3 - B  
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 Plus Appendix Pages  
 Finalized Date: 10-SEP-2023  
 Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61     | ME-MS61    | ME-MS61      | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   | ME-MS61  | ME-MS61     | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   | ME-MS61    |
|--------------------|-----------------------------------|-------------|------------|--------------|-----------|------------|------------|-----------|----------|-------------|-----------|------------|------------|-----------|------------|
|                    |                                   | Ge          | Hf         | In           | K         | La         | Li         | Mg        | Mn       | Mo          | Na        | Nb         | Ni         | P         | Pb         |
|                    |                                   | ppm<br>0.05 | ppm<br>0.1 | ppm<br>0.005 | %<br>0.01 | ppm<br>0.5 | ppm<br>0.2 | %<br>0.01 | ppm<br>5 | ppm<br>0.05 | %<br>0.01 | ppm<br>0.1 | ppm<br>0.2 | ppm<br>10 | ppm<br>0.5 |
| D864414            |                                   | 0.10        | 1.3        | 0.102        | 2.71      | 19.9       | 10.5       | 0.52      | 1505     | 32.9        | 1.34      | 11.2       | 1.9        | 660       | 248        |
| D864415            |                                   | 0.11        | 1.3        | 0.432        | 2.69      | 20.6       | 12.2       | 0.50      | 1515     | 18.70       | 1.57      | 11.6       | 1.9        | 670       | 271        |
| D864416            |                                   | 0.12        | 1.9        | 0.280        | 2.98      | 29.0       | 13.8       | 0.60      | 1695     | 24.0        | 1.29      | 12.4       | 4.2        | 920       | 163.0      |
| D864417            |                                   | 0.10        | 1.3        | 0.240        | 2.83      | 22.8       | 13.0       | 0.46      | 1320     | 29.1        | 1.44      | 11.6       | 1.9        | 670       | 144.5      |
| D864418            |                                   | 0.11        | 1.3        | 0.218        | 2.67      | 23.5       | 13.8       | 0.47      | 1145     | 12.00       | 1.65      | 11.4       | 1.9        | 690       | 112.5      |
| D864419            |                                   | 0.11        | 1.4        | 0.129        | 2.83      | 25.2       | 13.4       | 0.56      | 1310     | 41.1        | 1.48      | 11.4       | 2.3        | 730       | 26.9       |
| D864420            |                                   | <0.05       | <0.1       | <0.005       | 0.02      | 0.6        | 2.1        | 12.90     | 125      | 0.17        | 0.01      | 0.1        | 0.2        | 10        | 1.0        |
| D864421            |                                   | 0.08        | 1.3        | 0.062        | 2.90      | 22.1       | 10.4       | 0.52      | 1505     | 18.25       | 1.68      | 10.8       | 2.1        | 670       | 61.2       |
| D864422            |                                   | 0.11        | 1.5        | 0.070        | 2.97      | 21.8       | 12.7       | 0.47      | 2120     | 25.9        | 1.43      | 11.4       | 2.1        | 730       | 114.0      |
| D864423            |                                   | 0.11        | 1.3        | 0.087        | 2.99      | 23.8       | 12.5       | 0.46      | 1705     | 9.21        | 1.83      | 11.2       | 1.9        | 660       | 90.2       |
| D864424            |                                   | 0.11        | 1.6        | 0.085        | 2.93      | 26.0       | 11.1       | 0.51      | 2700     | 22.2        | 1.56      | 11.0       | 1.9        | 740       | 204        |
| D864425            |                                   | 0.10        | 1.9        | 0.152        | 3.09      | 23.6       | 14.2       | 0.64      | 2770     | 10.00       | 1.48      | 10.8       | 1.9        | 780       | 165.0      |
| D864426            |                                   | 0.14        | 2.5        | 0.165        | 3.24      | 24.9       | 18.0       | 0.68      | 3280     | 2.84        | 1.01      | 10.6       | 2.3        | 900       | 117.5      |
| D864427            |                                   | 0.09        | 2.4        | 0.097        | 3.31      | 23.0       | 17.6       | 0.65      | 3080     | 6.84        | 0.92      | 10.0       | 2.1        | 860       | 143.5      |
| D864428            |                                   | 0.11        | 1.4        | 0.159        | 3.21      | 30.6       | 13.5       | 0.17      | 5040     | 1.98        | 0.76      | 11.2       | 3.2        | 660       | 214        |
| D864429            |                                   | 0.10        | 1.4        | 0.139        | 3.54      | 29.2       | 11.9       | 0.19      | 3230     | 1.59        | 0.75      | 10.8       | 2.3        | 690       | 124.0      |
| D864430            |                                   | 0.11        | 1.5        | 0.235        | 3.12      | 26.7       | 18.8       | 0.18      | 137      | 2.51        | 0.10      | 11.0       | 1.2        | 610       | 344        |
| D864431            |                                   | 0.11        | 1.7        | 0.212        | 2.45      | 19.6       | 28.4       | 0.10      | 172      | 1.87        | 0.08      | 12.4       | 3.1        | 790       | 168.0      |
| D864432            |                                   | 0.12        | 2.1        | 0.251        | 2.57      | 29.2       | 29.8       | 0.14      | 89       | 2.05        | 0.06      | 12.5       | 1.6        | 980       | 193.5      |
| D864433            |                                   | 0.12        | 1.8        | 0.441        | 2.37      | 27.2       | 28.1       | 0.13      | 116      | 1.83        | 0.06      | 11.6       | 1.9        | 910       | 180.0      |
| D864434            |                                   | 0.09        | 1.6        | 0.553        | 1.88      | 13.4       | 25.4       | 0.13      | 135      | 1.88        | 0.04      | 9.7        | 1.9        | 690       | 198.5      |
| D864435            |                                   | 0.12        | 0.1        | 0.303        | 2.24      | 12.2       | 25.1       | 0.57      | 909      | 139.0       | 0.41      | 3.1        | 23.3       | 550       | 136.0      |
| D864436            |                                   | 0.10        | 1.6        | 2.07         | 2.40      | 16.8       | 17.5       | 0.17      | 201      | 2.12        | 0.06      | 7.9        | 0.9        | 720       | 219        |
| D864437            |                                   | 0.12        | 1.6        | 1.045        | 3.03      | 28.2       | 13.7       | 0.28      | 147      | 1.66        | 0.06      | 10.0       | 0.3        | 650       | 462        |
| D864438            |                                   | 0.11        | 1.5        | 0.782        | 2.71      | 21.1       | 15.2       | 0.22      | 118      | 2.13        | 0.06      | 9.1        | 0.4        | 520       | 316        |
| D864439            |                                   | 0.11        | 1.4        | 0.509        | 3.04      | 25.0       | 16.5       | 0.24      | 132      | 1.69        | 0.05      | 9.5        | 0.4        | 320       | 519        |
| D864440            |                                   | 0.11        | 1.4        | 0.688        | 3.23      | 25.4       | 11.7       | 0.26      | 158      | 1.53        | 0.06      | 10.4       | 0.4        | 480       | 595        |
| D864441            |                                   | 0.13        | 1.2        | 4.35         | 2.95      | 22.2       | 14.2       | 0.24      | 420      | 1.87        | 0.05      | 9.4        | 1.6        | 660       | 1540       |
| D864442            |                                   | 0.14        | 1.2        | 4.97         | 3.05      | 27.4       | 12.5       | 0.28      | 364      | 1.96        | 0.06      | 9.9        | 1.7        | 640       | 2030       |
| D864443            |                                   | 0.11        | 1.0        | 8.50         | 2.90      | 21.3       | 18.0       | 0.26      | 6270     | 1.69        | 0.07      | 7.5        | 1.4        | 560       | 1310       |
| D864444            |                                   | 0.14        | 1.3        | 0.551        | 3.19      | 28.4       | 11.7       | 0.43      | 3910     | 1.91        | 0.04      | 8.3        | 2.3        | 660       | 390        |
| D864445            |                                   | 0.13        | 1.5        | 0.731        | 2.91      | 20.7       | 18.9       | 0.37      | 2130     | 1.49        | 0.06      | 10.6       | 1.7        | 750       | 194.5      |
| D864446            |                                   | 0.13        | 1.3        | 1.570        | 2.68      | 21.5       | 16.4       | 0.47      | 2070     | 1.98        | 0.05      | 9.1        | 1.6        | 630       | 399        |
| D864447            |                                   | 0.11        | 1.4        | 0.395        | 2.86      | 20.6       | 10.4       | 0.43      | 2170     | 2.29        | 1.52      | 11.0       | 1.6        | 670       | 88.6       |
| D864448            |                                   | 0.14        | 1.4        | 0.259        | 2.48      | 20.9       | 14.9       | 0.47      | 1300     | 2.19        | 1.71      | 11.0       | 1.6        | 670       | 82.7       |
| D864449            |                                   | 0.13        | 1.4        | 0.737        | 2.68      | 19.0       | 21.5       | 0.45      | 1350     | 1.96        | 1.41      | 12.0       | 1.6        | 690       | 57.3       |
| D864450            |                                   | 0.14        | 1.3        | 6.76         | 2.74      | 27.2       | 22.2       | 0.46      | 1655     | 1.96        | 0.12      | 10.8       | 1.6        | 650       | 139.0      |
| D864451            |                                   | 0.13        | 1.4        | 0.676        | 2.81      | 23.1       | 24.5       | 0.36      | 1520     | 2.28        | 0.28      | 11.1       | 1.6        | 700       | 120.0      |
| D864452            |                                   | 0.14        | 1.2        | 0.633        | 3.39      | 20.0       | 13.8       | 0.37      | 1710     | 2.53        | 0.49      | 10.2       | 1.6        | 670       | 107.5      |
| D864453            |                                   | 0.09        | <0.1       | 0.005        | 0.04      | 1.4        | 0.7        | 1.13      | 102      | 0.05        | 0.02      | 0.2        | 0.2        | 70        | 1.1        |



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To: TRIUMPH GOLD CORP.  
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Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>Re<br>ppm<br>0.002 | ME-MS61<br>S<br>%<br>0.01 | ME-MS61<br>Sb<br>ppm<br>0.05 | ME-MS61<br>Sc<br>ppm<br>0.1 | ME-MS61<br>Se<br>ppm<br>1 | ME-MS61<br>Sn<br>ppm<br>0.2 | ME-MS61<br>Sr<br>ppm<br>0.2 | ME-MS61<br>Ta<br>ppm<br>0.05 | ME-MS61<br>Te<br>ppm<br>0.05 | ME-MS61<br>Th<br>ppm<br>0.01 | ME-MS61<br>Ti<br>%<br>0.005 | ME-MS61<br>Tl<br>ppm<br>0.02 | ME-MS61<br>U<br>ppm<br>0.1 | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 |
|--------------------|-----------------------------------|-------------------------------|---------------------------|------------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|----------------------------|--------------------------|----------------------------|
| D864414            |                                   | 0.016                         | 0.58                      | 4.02                         | 4.0                         | 2                         | 2.0                         | 455                         | 0.77                         | <0.05                        | 7.16                         | 0.199                       | 1.60                         | 6.7                        | 34                       | 2.8                        |
| D864415            |                                   | 0.015                         | 0.63                      | 3.56                         | 4.0                         | 2                         | 1.6                         | 557                         | 0.79                         | 0.06                         | 7.34                         | 0.206                       | 1.29                         | 5.1                        | 35                       | 2.2                        |
| D864416            |                                   | 0.008                         | 0.59                      | 5.16                         | 5.2                         | 2                         | 2.3                         | 465                         | 0.78                         | <0.05                        | 8.61                         | 0.244                       | 1.79                         | 6.9                        | 45                       | 4.3                        |
| D864417            |                                   | 0.009                         | 0.49                      | 5.34                         | 4.1                         | 2                         | 1.8                         | 445                         | 0.78                         | <0.05                        | 7.84                         | 0.205                       | 1.64                         | 6.2                        | 34                       | 3.5                        |
| D864418            |                                   | 0.004                         | 0.62                      | 2.71                         | 4.3                         | 2                         | 1.5                         | 520                         | 0.76                         | <0.05                        | 8.24                         | 0.206                       | 1.27                         | 6.9                        | 36                       | 1.7                        |
| D864419            |                                   | 0.021                         | 0.56                      | 3.44                         | 4.7                         | 2                         | 2.1                         | 483                         | 0.74                         | <0.05                        | 8.05                         | 0.212                       | 1.58                         | 6.1                        | 39                       | 2.4                        |
| D864420            |                                   | <0.002                        | <0.01                     | 0.11                         | 0.2                         | 1                         | <0.2                        | 48.2                        | <0.05                        | <0.05                        | 0.17                         | <0.005                      | <0.02                        | 0.1                        | 1                        | 0.1                        |
| D864421            |                                   | 0.014                         | 0.35                      | 2.77                         | 4.0                         | 1                         | 1.8                         | 519                         | 0.75                         | <0.05                        | 7.49                         | 0.205                       | 1.53                         | 4.3                        | 34                       | 2.6                        |
| D864422            |                                   | 0.018                         | 0.42                      | 5.57                         | 4.2                         | 2                         | 2.0                         | 445                         | 0.78                         | <0.05                        | 7.55                         | 0.213                       | 1.64                         | 6.1                        | 36                       | 4.5                        |
| D864423            |                                   | 0.010                         | 0.34                      | 3.87                         | 3.9                         | 2                         | 1.7                         | 553                         | 0.76                         | <0.05                        | 7.92                         | 0.202                       | 1.49                         | 4.2                        | 34                       | 3.3                        |
| D864424            |                                   | 0.015                         | 0.30                      | 5.20                         | 4.5                         | 2                         | 2.4                         | 471                         | 0.74                         | <0.05                        | 8.12                         | 0.219                       | 1.84                         | 4.4                        | 39                       | 5.6                        |
| D864425            |                                   | 0.008                         | 0.29                      | 5.71                         | 6.1                         | 2                         | 2.2                         | 490                         | 0.72                         | <0.05                        | 7.48                         | 0.240                       | 1.97                         | 4.1                        | 49                       | 4.1                        |
| D864426            |                                   | <0.002                        | 0.46                      | 8.26                         | 8.5                         | 3                         | 2.3                         | 378                         | 0.69                         | <0.05                        | 7.56                         | 0.286                       | 2.16                         | 8.4                        | 65                       | 6.0                        |
| D864427            |                                   | 0.002                         | 0.52                      | 6.12                         | 7.5                         | 2                         | 2.6                         | 350                         | 0.67                         | <0.05                        | 7.26                         | 0.271                       | 2.11                         | 6.8                        | 62                       | 7.0                        |
| D864428            |                                   | <0.002                        | 0.64                      | 25.3                         | 4.4                         | 1                         | 1.9                         | 184.5                       | 0.76                         | 0.16                         | 8.76                         | 0.197                       | 2.34                         | 3.9                        | 35                       | 4.3                        |
| D864429            |                                   | <0.002                        | 0.43                      | 28.6                         | 4.1                         | 2                         | 2.0                         | 167.0                       | 0.74                         | 0.07                         | 8.68                         | 0.199                       | 3.59                         | 3.7                        | 35                       | 4.1                        |
| D864430            |                                   | <0.002                        | 0.52                      | 56.3                         | 3.7                         | <1                        | 2.5                         | 171.0                       | 0.71                         | 0.33                         | 8.91                         | 0.196                       | 2.61                         | 4.0                        | 35                       | 4.4                        |
| D864431            |                                   | <0.002                        | 0.78                      | 14.70                        | 3.7                         | 1                         | 1.9                         | 239                         | 0.81                         | 0.21                         | 8.68                         | 0.218                       | 1.54                         | 3.7                        | 37                       | 2.9                        |
| D864432            |                                   | <0.002                        | 0.49                      | 21.4                         | 4.4                         | <1                        | 2.1                         | 331                         | 0.81                         | 0.15                         | 10.00                        | 0.237                       | 2.26                         | 9.4                        | 43                       | 3.5                        |
| D864433            |                                   | <0.002                        | 0.65                      | 20.4                         | 3.7                         | <1                        | 2.0                         | 321                         | 0.77                         | 0.21                         | 9.37                         | 0.208                       | 1.95                         | 7.6                        | 36                       | 3.3                        |
| D864434            |                                   | <0.002                        | 1.22                      | 15.90                        | 3.3                         | <1                        | 2.0                         | 168.5                       | 0.64                         | 0.18                         | 6.98                         | 0.179                       | 1.64                         | 7.6                        | 35                       | 2.5                        |
| D864435            |                                   | 0.251                         | 4.22                      | 3.01                         | 6.2                         | 6                         | 3.0                         | 120.0                       | 0.21                         | 0.86                         | 3.11                         | 0.140                       | 1.53                         | 0.5                        | 63                       | 2.7                        |
| D864436            |                                   | <0.002                        | 1.70                      | 30.4                         | 4.2                         | <1                        | 2.9                         | 201                         | 0.50                         | 0.57                         | 7.16                         | 0.175                       | 2.01                         | 7.1                        | 45                       | 3.0                        |
| D864437            |                                   | <0.002                        | 1.23                      | 56.0                         | 3.0                         | <1                        | 3.3                         | 262                         | 0.67                         | 0.86                         | 9.74                         | 0.179                       | 3.51                         | 4.2                        | 33                       | 4.0                        |
| D864438            |                                   | <0.002                        | 1.48                      | 47.6                         | 3.0                         | <1                        | 2.3                         | 220                         | 0.60                         | 0.59                         | 7.34                         | 0.166                       | 2.69                         | 4.9                        | 32                       | 3.6                        |
| D864439            |                                   | <0.002                        | 0.85                      | 73.1                         | 3.1                         | <1                        | 2.3                         | 85.1                        | 0.64                         | 0.25                         | 7.36                         | 0.177                       | 2.92                         | 3.2                        | 32                       | 4.9                        |
| D864440            |                                   | <0.002                        | 1.31                      | 79.2                         | 3.8                         | <1                        | 2.7                         | 107.5                       | 0.68                         | 0.74                         | 7.91                         | 0.186                       | 3.15                         | 4.3                        | 34                       | 5.3                        |
| D864441            |                                   | <0.002                        | 3.26                      | 102.0                        | 3.4                         | 1                         | 4.0                         | 196.5                       | 0.64                         | 0.77                         | 8.22                         | 0.168                       | 3.06                         | 6.8                        | 33                       | 5.5                        |
| D864442            |                                   | <0.002                        | 3.64                      | 135.0                        | 3.3                         | 1                         | 5.6                         | 210                         | 0.64                         | 0.92                         | 7.71                         | 0.172                       | 3.24                         | 6.6                        | 32                       | 5.3                        |
| D864443            |                                   | <0.002                        | 2.95                      | 156.0                        | 3.0                         | <1                        | 5.5                         | 210                         | 0.48                         | 1.22                         | 7.27                         | 0.140                       | 2.75                         | 7.5                        | 29                       | 4.5                        |
| D864444            |                                   | <0.002                        | 2.70                      | 26.1                         | 3.5                         | <1                        | 1.9                         | 94.6                        | 0.54                         | 0.75                         | 9.15                         | 0.148                       | 2.86                         | 4.7                        | 34                       | 2.7                        |
| D864445            |                                   | <0.002                        | 1.74                      | 30.3                         | 3.6                         | <1                        | 2.1                         | 205                         | 0.68                         | 0.36                         | 7.90                         | 0.192                       | 2.30                         | 4.2                        | 37                       | 2.7                        |
| D864446            |                                   | <0.002                        | 2.59                      | 75.9                         | 3.3                         | <1                        | 3.2                         | 213                         | 0.60                         | 2.41                         | 7.89                         | 0.170                       | 2.52                         | 5.1                        | 31                       | 3.2                        |
| D864447            |                                   | <0.002                        | 1.16                      | 9.72                         | 3.6                         | <1                        | 2.3                         | 404                         | 0.74                         | 0.39                         | 8.26                         | 0.196                       | 1.92                         | 4.0                        | 34                       | 1.8                        |
| D864448            |                                   | <0.002                        | 0.84                      | 5.20                         | 3.5                         | <1                        | 2.0                         | 514                         | 0.70                         | 0.30                         | 7.55                         | 0.197                       | 1.38                         | 4.0                        | 33                       | 2.1                        |
| D864449            |                                   | <0.002                        | 0.72                      | 3.52                         | 3.5                         | <1                        | 2.3                         | 424                         | 0.79                         | 0.15                         | 7.86                         | 0.207                       | 1.41                         | 4.4                        | 33                       | 3.1                        |
| D864450            |                                   | <0.002                        | 2.63                      | 13.50                        | 3.7                         | <1                        | 3.6                         | 340                         | 0.71                         | 0.27                         | 9.25                         | 0.193                       | 2.08                         | 5.3                        | 32                       | 3.7                        |
| D864451            |                                   | <0.002                        | 1.69                      | 9.18                         | 3.6                         | <1                        | 3.6                         | 248                         | 0.71                         | 0.42                         | 8.97                         | 0.191                       | 2.13                         | 4.9                        | 34                       | 3.8                        |
| D864452            |                                   | <0.002                        | 1.80                      | 3.93                         | 3.5                         | <1                        | 4.9                         | 256                         | 0.66                         | 0.33                         | 7.96                         | 0.182                       | 2.51                         | 4.3                        | 34                       | 2.3                        |
| D864453            |                                   | <0.002                        | 0.01                      | 0.11                         | 0.3                         | <1                        | <0.2                        | 94.9                        | <0.05                        | <0.05                        | 0.10                         | 0.005                       | 0.03                         | 0.1                        | 1                        | <0.1                       |



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To: TRIUMPH GOLD CORP.  
 1111 MELVILLE STREET  
 SUITE 1100  
 VANCOUVER BC V6E 3V6

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 Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 | Zn-OG62<br>Zn<br>%<br>0.001 | Au-AA23<br>Au<br>ppm<br>0.005 | WEI-21<br>Recvd Wt.<br>kg<br>0.02 |
|--------------------|-----------------------------------|----------------------------|---------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------------|
| D864414            |                                   | 10.9                       | 583                       | 35.1                        |                             | 0.042                         | 4.08                              |
| D864415            |                                   | 11.4                       | 947                       | 34.5                        |                             | 0.036                         | 3.38                              |
| D864416            |                                   | 14.2                       | 617                       | 69.3                        |                             | 0.035                         | 3.37                              |
| D864417            |                                   | 11.7                       | 465                       | 35.1                        |                             | 0.032                         | 3.11                              |
| D864418            |                                   | 12.0                       | 772                       | 36.1                        |                             | 0.029                         | 3.44                              |
| D864419            |                                   | 12.8                       | 292                       | 40.9                        |                             | 0.042                         | 3.72                              |
| D864420            |                                   | 0.4                        | 6                         | 0.6                         |                             | <0.005                        | 0.72                              |
| D864421            |                                   | 11.6                       | 176                       | 33.9                        |                             | 0.040                         | 3.08                              |
| D864422            |                                   | 12.3                       | 284                       | 43.1                        |                             | 0.067                         | 3.57                              |
| D864423            |                                   | 11.0                       | 253                       | 32.2                        |                             | 0.054                         | 3.15                              |
| D864424            |                                   | 12.8                       | 248                       | 47.1                        |                             | 0.076                         | 2.34                              |
| D864425            |                                   | 14.2                       | 234                       | 62.2                        |                             | 0.046                         | 3.27                              |
| D864426            |                                   | 17.9                       | 322                       | 95.2                        |                             | 0.038                         | 3.35                              |
| D864427            |                                   | 15.6                       | 435                       | 86.6                        |                             | 0.056                         | 2.88                              |
| D864428            |                                   | 18.1                       | 1790                      | 35.6                        |                             | 0.061                         | 1.18                              |
| D864429            |                                   | 11.7                       | 1235                      | 35.2                        |                             | 0.110                         | 2.57                              |
| D864430            |                                   | 6.8                        | 456                       | 38.6                        |                             | 0.150                         | 2.66                              |
| D864431            |                                   | 7.5                        | 1035                      | 42.7                        |                             | 0.016                         | 3.17                              |
| D864432            |                                   | 6.8                        | 618                       | 61.8                        |                             | 0.016                         | 3.36                              |
| D864433            |                                   | 5.4                        | 713                       | 42.5                        |                             | 0.057                         | 2.83                              |
| D864434            |                                   | 3.9                        | 946                       | 39.3                        |                             | 0.016                         | 4.33                              |
| D864435            |                                   | 7.0                        | 897                       | 3.4                         |                             | 0.663                         | 0.12                              |
| D864436            |                                   | 4.8                        | 702                       | 41.5                        |                             | 0.069                         | 3.96                              |
| D864437            |                                   | 5.8                        | 194                       | 41.6                        |                             | 0.299                         | 4.68                              |
| D864438            |                                   | 4.5                        | 267                       | 38.1                        |                             | 0.186                         | 3.86                              |
| D864439            |                                   | 4.6                        | 193                       | 33.8                        |                             | 0.278                         | 4.71                              |
| D864440            |                                   | 4.4                        | 291                       | 34.5                        |                             | 0.247                         | 4.64                              |
| D864441            |                                   | 6.9                        | 8860                      | 31.2                        |                             | 0.567                         | 4.35                              |
| D864442            |                                   | 7.5                        | >10000                    | 29.6                        | 1.160                       | 0.568                         | 3.75                              |
| D864443            |                                   | 9.5                        | >10000                    | 26.6                        | 1.120                       | 0.839                         | 3.05                              |
| D864444            |                                   | 14.9                       | 5270                      | 33.4                        |                             | 0.064                         | 3.78                              |
| D864445            |                                   | 10.8                       | 2530                      | 40.6                        |                             | 0.087                         | 3.34                              |
| D864446            |                                   | 10.4                       | 2910                      | 35.2                        |                             | 0.366                         | 3.35                              |
| D864447            |                                   | 11.8                       | 900                       | 34.1                        |                             | 0.055                         | 3.91                              |
| D864448            |                                   | 11.4                       | 619                       | 35.5                        |                             | 0.023                         | 3.22                              |
| D864449            |                                   | 11.2                       | 1040                      | 34.3                        |                             | 0.013                         | 2.93                              |
| D864450            |                                   | 13.3                       | 6420                      | 33.0                        |                             | 0.099                         | 4.06                              |
| D864451            |                                   | 10.8                       | 1055                      | 36.3                        |                             | 0.222                         | 3.41                              |
| D864452            |                                   | 11.0                       | 776                       | 31.8                        |                             | 0.173                         | 4.89                              |
| D864453            |                                   | 2.6                        | 9                         | 1.5                         |                             | <0.005                        | 0.57                              |



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To: TRIUMPH GOLD CORP.  
1111 MELVILLE STREET  
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VANCOUVER BC V6E 3V6

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Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Ag      | Al      | As      | Ba      | Be      | Bi      | Ca      | Cd      | Ce      | Co      | Cr      | Cs      | Cu      | Fe      |
|                    |                                   | ppm     | %       | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       |
|                    |                                   | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    |
| D864454            |                                   | 1.05    | 7.29    | 36.1    | 1030    | 1.94    | 1.91    | 1.99    | 5.64    | 39.4    | 2.8     | 5       | 9.52    | 16.6    | 2.77    |
| D864455            |                                   | 0.60    | 7.40    | 19.4    | 1000    | 1.89    | 1.16    | 1.86    | 6.13    | 41.1    | 3.6     | 5       | 10.45   | 8.8     | 2.58    |
| D864456            |                                   | 0.49    | 7.19    | 58.6    | 970     | 1.82    | 1.03    | 2.06    | 6.24    | 40.4    | 3.2     | 5       | 12.55   | 4.8     | 2.43    |
| D864457            |                                   | 0.52    | 6.89    | 27.9    | 920     | 1.75    | 1.00    | 2.32    | 6.45    | 36.3    | 2.9     | 5       | 10.55   | 7.7     | 2.38    |
| D864458            |                                   | 1.17    | 7.05    | 55.9    | 860     | 2.03    | 2.34    | 2.23    | 18.45   | 40.5    | 3.2     | 4       | 14.05   | 14.6    | 2.77    |
| D864459            |                                   | 0.75    | 6.91    | 34.5    | 930     | 1.93    | 1.40    | 2.16    | 9.56    | 33.1    | 3.3     | 4       | 12.80   | 12.2    | 2.33    |
| D864460            |                                   | 5.22    | 6.54    | 32.5    | 290     | 0.75    | 1.25    | 0.87    | 5.47    | 24.5    | 14.4    | 23      | 7.66    | 5340    | 6.39    |
| D864461            |                                   | 1.15    | 7.14    | 92.1    | 780     | 2.03    | 2.18    | 2.00    | 13.90   | 44.0    | 3.9     | 5       | 11.65   | 26.8    | 2.71    |
| D864462            |                                   | 0.48    | 7.56    | 21.4    | 1210    | 2.04    | 0.91    | 1.89    | 5.54    | 45.7    | 3.8     | 6       | 12.20   | 8.9     | 2.52    |
| D864463            |                                   | 0.39    | 7.48    | 16.6    | 1220    | 2.17    | 0.82    | 1.95    | 4.91    | 42.1    | 3.8     | 9       | 11.00   | 4.8     | 2.69    |
| D864464            |                                   | 0.42    | 7.38    | 14.4    | 1330    | 2.33    | 0.86    | 2.08    | 5.55    | 43.9    | 3.3     | 7       | 11.70   | 5.9     | 2.55    |
| D864465            |                                   | 0.33    | 7.41    | 16.7    | 1390    | 2.21    | 0.57    | 1.95    | 6.04    | 43.3    | 3.3     | 6       | 10.35   | 5.8     | 2.43    |
| D864466            |                                   | 0.50    | 7.41    | 17.6    | 1340    | 2.03    | 0.88    | 1.83    | 7.53    | 45.2    | 4.1     | 8       | 9.92    | 7.8     | 2.41    |
| D864467            |                                   | 0.51    | 7.66    | 18.7    | 1380    | 2.18    | 0.94    | 1.72    | 11.85   | 48.5    | 3.8     | 11      | 12.85   | 8.0     | 2.28    |
| D864468            |                                   | 0.57    | 7.59    | 18.8    | 1260    | 2.25    | 1.08    | 1.84    | 14.85   | 48.1    | 3.7     | 8       | 11.75   | 8.0     | 2.45    |
| D864469            |                                   | 0.36    | 7.86    | 16.2    | 1290    | 2.33    | 0.72    | 2.02    | 9.39    | 48.0    | 4.5     | 9       | 13.00   | 6.7     | 2.46    |
| D864470            |                                   | 0.37    | 7.80    | 17.9    | 1330    | 2.37    | 0.63    | 2.37    | 7.72    | 44.2    | 4.2     | 10      | 12.60   | 13.0    | 2.49    |
| D864471            |                                   | 0.41    | 7.45    | 153.0   | 1460    | 2.34    | 0.69    | 1.98    | 5.61    | 45.2    | 4.1     | 11      | 16.35   | 9.8     | 2.27    |
| D864472            |                                   | 4.33    | 7.54    | 5340    | 600     | 2.58    | 2.13    | 1.77    | 11.05   | 60.9    | 5.6     | 12      | 28.3    | 27.8    | 3.30    |
| D864473            |                                   | 0.87    | 7.54    | 530     | 1040    | 2.12    | 1.99    | 2.01    | 4.63    | 43.9    | 2.3     | 7       | 18.60   | 30.7    | 2.81    |
| D864474            |                                   | 1.44    | 7.52    | 982     | 1150    | 2.00    | 1.48    | 1.84    | 3.07    | 44.2    | 2.7     | 6       | 15.55   | 26.3    | 2.67    |
| D864475            |                                   | 0.22    | 7.82    | 55.0    | 1230    | 1.76    | 0.57    | 1.50    | 1.63    | 54.6    | 3.4     | 6       | 9.63    | 16.6    | 2.56    |
| D864476            |                                   | 0.23    | 7.81    | 44.7    | 1270    | 2.21    | 0.58    | 1.83    | 2.00    | 50.4    | 5.1     | 8       | 11.25   | 18.2    | 2.46    |
| D864477            |                                   | 0.45    | 7.93    | 167.5   | 1200    | 2.20    | 1.20    | 1.55    | 4.62    | 52.6    | 8.0     | 6       | 10.50   | 36.9    | 2.50    |
| D864478            |                                   | 0.27    | 7.85    | 78.4    | 1250    | 1.92    | 0.52    | 1.38    | 2.00    | 55.3    | 2.7     | 7       | 10.35   | 45.1    | 2.38    |
| D864479            |                                   | 0.18    | 7.60    | 63.0    | 1140    | 1.91    | 0.49    | 1.99    | 1.41    | 42.7    | 3.6     | 7       | 9.12    | 17.6    | 2.41    |
| D864480            |                                   | 0.12    | 7.69    | 50.0    | 1010    | 1.98    | 0.31    | 1.84    | 0.69    | 44.9    | 4.4     | 9       | 9.51    | 11.2    | 2.41    |
| D864481            |                                   | 0.50    | 7.09    | 137.0   | 820     | 1.89    | 1.00    | 3.02    | 3.20    | 37.1    | 6.1     | 5       | 9.80    | 18.2    | 2.38    |
| D864482            |                                   | 0.34    | 7.38    | 121.0   | 830     | 2.56    | 0.85    | 2.47    | 0.81    | 46.1    | 4.3     | 5       | 11.00   | 30.6    | 2.60    |
| D864483            |                                   | 0.49    | 7.85    | 210     | 980     | 2.01    | 1.17    | 1.70    | 1.02    | 55.2    | 3.3     | 6       | 8.75    | 37.0    | 3.03    |
| D864484            |                                   | 0.56    | 7.51    | 290     | 940     | 2.03    | 1.00    | 1.61    | 1.03    | 48.8    | 2.5     | 5       | 10.15   | 51.5    | 2.57    |
| D864485            |                                   | 5.41    | 6.46    | 31.4    | 280     | 0.75    | 1.14    | 0.86    | 5.63    | 25.0    | 15.4    | 22      | 8.17    | 5310    | 6.40    |



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Finalized Date: 10-SEP-2023  
Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61     | ME-MS61    | ME-MS61      | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   | ME-MS61  | ME-MS61     | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   | ME-MS61    |
|--------------------|-----------------------------------|-------------|------------|--------------|-----------|------------|------------|-----------|----------|-------------|-----------|------------|------------|-----------|------------|
|                    |                                   | Ge          | Hf         | In           | K         | La         | Li         | Mg        | Mn       | Mo          | Na        | Nb         | Ni         | P         | Pb         |
|                    |                                   | ppm<br>0.05 | ppm<br>0.1 | ppm<br>0.005 | %<br>0.01 | ppm<br>0.5 | ppm<br>0.2 | %<br>0.01 | ppm<br>5 | ppm<br>0.05 | %<br>0.01 | ppm<br>0.1 | ppm<br>0.2 | ppm<br>10 | ppm<br>0.5 |
| D864454            |                                   | 0.12        | 1.3        | 0.404        | 2.98      | 18.6       | 17.2       | 0.41      | 1280     | 1.37        | 1.48      | 11.6       | 1.5        | 700       | 47.1       |
| D864455            |                                   | 0.13        | 1.3        | 0.368        | 2.90      | 20.0       | 14.3       | 0.42      | 1060     | 1.26        | 1.65      | 11.6       | 1.4        | 700       | 38.2       |
| D864456            |                                   | 0.14        | 1.3        | 0.413        | 3.00      | 19.1       | 14.1       | 0.41      | 1085     | 0.84        | 1.45      | 11.7       | 1.6        | 690       | 39.0       |
| D864457            |                                   | 0.13        | 1.3        | 0.443        | 2.90      | 17.2       | 16.0       | 0.43      | 1215     | 0.87        | 1.23      | 11.5       | 1.4        | 670       | 34.9       |
| D864458            |                                   | 0.13        | 1.4        | 1.165        | 3.11      | 20.0       | 14.6       | 0.42      | 1260     | 1.28        | 0.75      | 11.3       | 2.1        | 690       | 62.2       |
| D864459            |                                   | 0.11        | 1.4        | 0.580        | 3.13      | 15.8       | 18.8       | 0.29      | 1095     | 1.10        | 0.79      | 11.4       | 1.7        | 710       | 45.4       |
| D864460            |                                   | 0.13        | 0.2        | 0.296        | 2.34      | 12.3       | 25.6       | 0.58      | 930      | 138.5       | 0.43      | 3.2        | 16.2       | 550       | 141.0      |
| D864461            |                                   | 0.13        | 1.3        | 0.677        | 2.57      | 21.6       | 12.2       | 0.45      | 1005     | 1.42        | 1.44      | 11.4       | 6.1        | 680       | 62.8       |
| D864462            |                                   | 0.13        | 1.2        | 0.355        | 2.73      | 22.6       | 12.6       | 0.43      | 974      | 1.67        | 2.01      | 11.8       | 1.8        | 720       | 42.8       |
| D864463            |                                   | 0.12        | 1.2        | 0.422        | 2.49      | 20.7       | 11.1       | 0.44      | 1065     | 1.20        | 2.35      | 11.3       | 1.8        | 710       | 26.4       |
| D864464            |                                   | 0.13        | 1.2        | 0.453        | 2.61      | 22.1       | 9.3        | 0.43      | 1005     | 1.24        | 2.49      | 11.5       | 1.8        | 690       | 26.6       |
| D864465            |                                   | 0.05        | 1.1        | 0.343        | 2.75      | 21.0       | 11.6       | 0.46      | 962      | 1.48        | 2.40      | 11.2       | 2.1        | 690       | 24.7       |
| D864466            |                                   | 0.11        | 1.2        | 0.441        | 2.60      | 20.5       | 12.3       | 0.54      | 919      | 1.36        | 2.71      | 11.5       | 1.7        | 680       | 31.4       |
| D864467            |                                   | 0.11        | 1.2        | 0.460        | 2.69      | 22.2       | 12.4       | 0.40      | 808      | 1.81        | 2.86      | 12.3       | 1.9        | 710       | 30.0       |
| D864468            |                                   | 0.12        | 1.3        | 0.458        | 2.72      | 22.1       | 12.5       | 0.48      | 883      | 1.60        | 2.84      | 11.8       | 1.8        | 700       | 34.7       |
| D864469            |                                   | 0.11        | 1.2        | 0.328        | 2.72      | 22.8       | 11.4       | 0.45      | 889      | 2.01        | 2.89      | 11.9       | 1.8        | 740       | 30.5       |
| D864470            |                                   | 0.12        | 1.2        | 0.336        | 2.82      | 19.9       | 11.4       | 0.50      | 955      | 1.99        | 2.71      | 11.6       | 2.7        | 730       | 25.6       |
| D864471            |                                   | 0.11        | 1.2        | 0.268        | 2.86      | 21.1       | 9.2        | 0.46      | 1000     | 1.79        | 2.79      | 11.8       | 2.2        | 690       | 25.4       |
| D864472            |                                   | 0.14        | 2.0        | 0.531        | 3.34      | 28.1       | 11.5       | 0.51      | 2520     | 2.63        | 1.12      | 12.2       | 5.0        | 1030      | 36.8       |
| D864473            |                                   | 0.11        | 1.3        | 0.258        | 3.10      | 20.4       | 16.1       | 0.54      | 854      | 1.88        | 1.94      | 11.2       | 2.1        | 730       | 22.3       |
| D864474            |                                   | 0.13        | 1.2        | 0.150        | 3.36      | 20.1       | 13.5       | 0.50      | 1045     | 2.19        | 1.47      | 11.4       | 1.8        | 700       | 18.8       |
| D864475            |                                   | 0.12        | 1.2        | 0.116        | 2.73      | 26.5       | 13.3       | 0.47      | 764      | 2.07        | 2.78      | 12.0       | 1.8        | 720       | 14.4       |
| D864476            |                                   | 0.12        | 1.2        | 0.113        | 2.64      | 23.8       | 11.3       | 0.45      | 629      | 2.02        | 2.98      | 12.0       | 1.9        | 710       | 18.7       |
| D864477            |                                   | 0.13        | 1.3        | 0.157        | 2.82      | 25.9       | 9.4        | 0.48      | 574      | 1.83        | 2.48      | 11.6       | 1.8        | 710       | 20.9       |
| D864478            |                                   | 0.12        | 1.2        | 0.127        | 2.72      | 26.9       | 13.3       | 0.43      | 585      | 1.62        | 2.82      | 11.8       | 1.8        | 690       | 13.6       |
| D864479            |                                   | 0.11        | 1.3        | 0.101        | 2.73      | 19.1       | 15.3       | 0.51      | 659      | 2.64        | 2.41      | 12.4       | 1.8        | 710       | 14.9       |
| D864480            |                                   | 0.11        | 1.2        | 0.080        | 2.62      | 20.4       | 14.8       | 0.47      | 613      | 1.74        | 2.49      | 12.0       | 1.9        | 710       | 12.5       |
| D864481            |                                   | 0.11        | 1.3        | 0.123        | 2.18      | 17.1       | 13.3       | 0.55      | 639      | 2.08        | 2.25      | 11.0       | 1.7        | 680       | 24.4       |
| D864482            |                                   | 0.12        | 1.7        | 0.054        | 1.81      | 20.8       | 17.0       | 0.53      | 560      | 2.10        | 2.37      | 12.0       | 1.9        | 820       | 20.9       |
| D864483            |                                   | 0.12        | 2.0        | 0.111        | 2.20      | 26.8       | 25.8       | 0.56      | 628      | 2.23        | 2.30      | 11.9       | 2.1        | 890       | 25.8       |
| D864484            |                                   | 0.11        | 1.8        | 0.055        | 1.94      | 24.3       | 19.0       | 0.56      | 477      | 14.50       | 2.22      | 11.0       | 1.9        | 810       | 22.0       |
| D864485            |                                   | 0.13        | 0.1        | 0.295        | 2.34      | 11.9       | 25.9       | 0.59      | 921      | 142.0       | 0.43      | 3.0        | 16.9       | 550       | 133.0      |



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To: TRIUMPH GOLD CORP.  
 1111 MELVILLE STREET  
 SUITE 1100  
 VANCOUVER BC V6E 3V6

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 Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61<br>Re<br>ppm<br>0.002 | ME-MS61<br>S<br>%<br>0.01 | ME-MS61<br>Sb<br>ppm<br>0.05 | ME-MS61<br>Sc<br>ppm<br>0.1 | ME-MS61<br>Se<br>ppm<br>1 | ME-MS61<br>Sn<br>ppm<br>0.2 | ME-MS61<br>Sr<br>ppm<br>0.2 | ME-MS61<br>Ta<br>ppm<br>0.05 | ME-MS61<br>Te<br>ppm<br>0.05 | ME-MS61<br>Th<br>ppm<br>0.01 | ME-MS61<br>Ti<br>%<br>0.005 | ME-MS61<br>Tl<br>ppm<br>0.02 | ME-MS61<br>U<br>ppm<br>0.1 | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 |
|--------------------|-----------------------------------|-------------------------------|---------------------------|------------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|----------------------------|--------------------------|----------------------------|
| D864454            |                                   | <0.002                        | 0.75                      | 2.31                         | 3.5                         | <1                        | 2.8                         | 350                         | 0.79                         | 0.07                         | 7.69                         | 0.212                       | 1.70                         | 4.2                        | 36                       | 2.1                        |
| D864455            |                                   | <0.002                        | 0.60                      | 2.14                         | 3.6                         | <1                        | 2.4                         | 362                         | 0.75                         | 0.05                         | 8.19                         | 0.208                       | 1.55                         | 4.1                        | 36                       | 2.2                        |
| D864456            |                                   | <0.002                        | 0.53                      | 4.03                         | 3.6                         | <1                        | 2.3                         | 314                         | 0.77                         | <0.05                        | 7.51                         | 0.204                       | 1.81                         | 4.3                        | 35                       | 2.0                        |
| D864457            |                                   | <0.002                        | 0.49                      | 2.54                         | 3.5                         | <1                        | 2.3                         | 336                         | 0.77                         | <0.05                        | 6.82                         | 0.204                       | 1.60                         | 3.9                        | 34                       | 1.7                        |
| D864458            |                                   | <0.002                        | 1.35                      | 4.37                         | 3.6                         | <1                        | 2.8                         | 287                         | 0.75                         | 0.10                         | 8.17                         | 0.201                       | 2.44                         | 4.3                        | 35                       | 2.1                        |
| D864459            |                                   | <0.002                        | 0.87                      | 3.45                         | 3.4                         | <1                        | 2.3                         | 300                         | 0.78                         | 0.07                         | 7.20                         | 0.213                       | 2.24                         | 4.2                        | 36                       | 2.2                        |
| D864460            |                                   | 0.258                         | 4.30                      | 3.03                         | 6.2                         | 7                         | 3.1                         | 121.5                       | 0.22                         | 0.84                         | 3.37                         | 0.147                       | 1.61                         | 0.5                        | 65                       | 3.2                        |
| D864461            |                                   | <0.002                        | 1.17                      | 6.31                         | 3.7                         | <1                        | 3.1                         | 310                         | 0.74                         | 0.11                         | 8.49                         | 0.195                       | 1.90                         | 4.2                        | 35                       | 2.7                        |
| D864462            |                                   | <0.002                        | 0.51                      | 2.52                         | 3.8                         | <1                        | 2.4                         | 459                         | 0.79                         | <0.05                        | 8.17                         | 0.215                       | 1.25                         | 3.5                        | 36                       | 2.7                        |
| D864463            |                                   | <0.002                        | 0.70                      | 1.09                         | 3.7                         | <1                        | 2.6                         | 521                         | 0.73                         | 0.07                         | 8.00                         | 0.210                       | 1.15                         | 3.7                        | 36                       | 1.5                        |
| D864464            |                                   | <0.002                        | 0.56                      | 1.00                         | 3.7                         | <1                        | 2.5                         | 605                         | 0.76                         | 0.06                         | 8.47                         | 0.207                       | 1.17                         | 4.3                        | 36                       | 1.3                        |
| D864465            |                                   | <0.002                        | 0.33                      | 1.17                         | 4.0                         | 2                         | 2.3                         | 649                         | 0.75                         | <0.05                        | 7.18                         | 0.211                       | 1.15                         | 3.5                        | 36                       | 1.9                        |
| D864466            |                                   | <0.002                        | 0.43                      | 1.44                         | 3.9                         | 3                         | 2.4                         | 711                         | 0.79                         | 0.06                         | 7.58                         | 0.206                       | 1.09                         | 4.3                        | 35                       | 1.8                        |
| D864467            |                                   | <0.002                        | 0.40                      | 1.40                         | 4.0                         | 3                         | 2.3                         | 720                         | 0.83                         | <0.05                        | 7.85                         | 0.220                       | 1.06                         | 4.4                        | 36                       | 1.7                        |
| D864468            |                                   | <0.002                        | 0.41                      | 1.16                         | 4.1                         | 4                         | 2.2                         | 732                         | 0.81                         | 0.05                         | 8.07                         | 0.216                       | 1.02                         | 4.2                        | 36                       | 1.4                        |
| D864469            |                                   | <0.002                        | 0.37                      | 1.47                         | 4.2                         | 3                         | 2.0                         | 760                         | 0.84                         | 0.05                         | 8.20                         | 0.226                       | 1.07                         | 4.2                        | 38                       | 1.4                        |
| D864470            |                                   | <0.002                        | 0.36                      | 1.62                         | 4.0                         | 4                         | 2.0                         | 732                         | 0.80                         | 0.06                         | 7.29                         | 0.221                       | 1.24                         | 3.8                        | 37                       | 11.7                       |
| D864471            |                                   | <0.002                        | 0.28                      | 2.55                         | 4.0                         | 3                         | 2.0                         | 787                         | 0.80                         | 0.06                         | 7.48                         | 0.213                       | 1.57                         | 3.6                        | 35                       | 1.5                        |
| D864472            |                                   | <0.002                        | 2.37                      | 82.0                         | 5.0                         | 2                         | 3.5                         | 383                         | 0.78                         | 0.43                         | 8.57                         | 0.239                       | 6.06                         | 5.9                        | 48                       | 7.4                        |
| D864473            |                                   | <0.002                        | 1.59                      | 12.35                        | 4.0                         | 3                         | 3.4                         | 480                         | 0.81                         | 0.18                         | 7.77                         | 0.211                       | 2.71                         | 4.6                        | 37                       | 2.1                        |
| D864474            |                                   | <0.002                        | 1.44                      | 13.70                        | 4.1                         | 2                         | 2.7                         | 399                         | 0.79                         | 0.26                         | 7.59                         | 0.201                       | 2.86                         | 4.8                        | 35                       | 2.4                        |
| D864475            |                                   | <0.002                        | 0.95                      | 2.94                         | 4.3                         | 2                         | 2.3                         | 606                         | 0.84                         | <0.05                        | 8.89                         | 0.217                       | 1.60                         | 5.6                        | 36                       | 2.8                        |
| D864476            |                                   | <0.002                        | 0.93                      | 1.58                         | 4.3                         | 2                         | 2.4                         | 738                         | 0.83                         | <0.05                        | 8.44                         | 0.219                       | 1.19                         | 5.7                        | 36                       | 2.0                        |
| D864477            |                                   | <0.002                        | 1.36                      | 5.14                         | 4.2                         | 2                         | 2.7                         | 488                         | 0.82                         | 0.18                         | 8.50                         | 0.208                       | 1.63                         | 6.2                        | 36                       | 4.5                        |
| D864478            |                                   | <0.002                        | 0.94                      | 3.55                         | 4.2                         | 3                         | 2.3                         | 555                         | 0.86                         | 0.05                         | 8.89                         | 0.213                       | 1.30                         | 6.2                        | 36                       | 3.5                        |
| D864479            |                                   | <0.002                        | 0.77                      | 2.46                         | 4.2                         | 4                         | 2.6                         | 542                         | 0.85                         | <0.05                        | 7.36                         | 0.220                       | 1.26                         | 5.3                        | 37                       | 3.8                        |
| D864480            |                                   | <0.002                        | 0.58                      | 2.28                         | 4.1                         | 2                         | 2.2                         | 532                         | 0.86                         | <0.05                        | 7.50                         | 0.219                       | 1.07                         | 4.6                        | 37                       | 3.3                        |
| D864481            |                                   | <0.002                        | 1.03                      | 4.88                         | 3.8                         | 4                         | 1.8                         | 531                         | 0.80                         | 0.20                         | 6.84                         | 0.203                       | 1.02                         | 5.3                        | 35                       | 3.3                        |
| D864482            |                                   | <0.002                        | 1.03                      | 6.49                         | 4.3                         | 4                         | 2.3                         | 602                         | 0.81                         | 0.10                         | 7.14                         | 0.224                       | 0.90                         | 4.9                        | 40                       | 4.3                        |
| D864483            |                                   | <0.002                        | 0.98                      | 14.15                        | 4.7                         | 1                         | 3.2                         | 421                         | 0.84                         | 0.06                         | 8.38                         | 0.237                       | 1.05                         | 5.5                        | 44                       | 3.7                        |
| D864484            |                                   | 0.002                         | 0.94                      | 27.0                         | 4.4                         | 1                         | 2.7                         | 399                         | 0.77                         | 0.07                         | 8.01                         | 0.215                       | 0.86                         | 4.7                        | 40                       | 3.0                        |
| D864485            |                                   | 0.265                         | 4.32                      | 3.11                         | 6.7                         | 8                         | 3.1                         | 118.5                       | 0.22                         | 0.86                         | 3.57                         | 0.136                       | 1.47                         | 0.5                        | 64                       | 2.9                        |



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To: TRIUMPH GOLD CORP.  
1111 MELVILLE STREET  
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VANCOUVER BC V6E 3V6

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Account: NOFREG

Project: Tad Toro

**CERTIFICATE OF ANALYSIS WH23226490**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61    | ME-MS61  | ME-MS61    | Zn-OG62    | Au-AA23      | WEI-21     |
|--------------------|-----------------------------------|------------|----------|------------|------------|--------------|------------|
|                    |                                   | Y          | Zn       | Zr         | Zn         | Au           | Recvd Wt.  |
|                    |                                   | ppm<br>0.1 | ppm<br>2 | ppm<br>0.5 | %<br>0.001 | ppm<br>0.005 | kg<br>0.02 |
| D864454            |                                   | 10.4       | 361      | 32.1       |            | 0.058        | 4.58       |
| D864455            |                                   | 10.8       | 418      | 33.6       |            | 0.045        | 5.52       |
| D864456            |                                   | 10.4       | 390      | 34.3       |            | 0.014        | 4.04       |
| D864457            |                                   | 10.8       | 414      | 33.8       |            | 0.013        | 4.09       |
| D864458            |                                   | 11.4       | 1020     | 33.4       |            | 0.024        | 3.53       |
| D864459            |                                   | 10.3       | 580      | 34.7       |            | 0.010        | 3.52       |
| D864460            |                                   | 7.4        | 922      | 4.6        |            | 0.723        | 0.12       |
| D864461            |                                   | 11.2       | 749      | 30.7       |            | 0.025        | 3.80       |
| D864462            |                                   | 11.8       | 351      | 31.0       |            | <0.005       | 4.14       |
| D864463            |                                   | 11.7       | 300      | 29.6       |            | 0.007        | 5.52       |
| D864464            |                                   | 11.8       | 341      | 28.9       |            | 0.007        | 5.16       |
| D864465            |                                   | 10.7       | 396      | 27.9       |            | 0.006        | 7.42       |
| D864466            |                                   | 11.0       | 468      | 28.7       |            | 0.031        | 5.25       |
| D864467            |                                   | 11.1       | 721      | 29.8       |            | 0.010        | 3.68       |
| D864468            |                                   | 11.3       | 934      | 31.4       |            | 0.011        | 4.59       |
| D864469            |                                   | 11.3       | 619      | 29.8       |            | 0.009        | 3.96       |
| D864470            |                                   | 11.0       | 516      | 28.7       |            | 0.009        | 4.92       |
| D864471            |                                   | 10.9       | 385      | 28.9       |            | 0.107        | 5.82       |
| D864472            |                                   | 12.2       | 665      | 68.2       |            | 0.330        | 4.75       |
| D864473            |                                   | 10.6       | 265      | 35.3       |            | 0.066        | 3.13       |
| D864474            |                                   | 10.2       | 184      | 33.8       |            | 0.102        | 4.21       |
| D864475            |                                   | 11.5       | 124      | 32.1       |            | <0.005       | 6.19       |
| D864476            |                                   | 11.7       | 153      | 30.1       |            | 0.006        | 3.95       |
| D864477            |                                   | 11.4       | 269      | 32.9       |            | 0.006        | 2.14       |
| D864478            |                                   | 12.1       | 137      | 29.4       |            | <0.005       | 5.13       |
| D864479            |                                   | 10.2       | 119      | 32.7       |            | 0.267        | 7.27       |
| D864480            |                                   | 10.3       | 88       | 30.3       |            | 0.005        | 7.76       |
| D864481            |                                   | 10.0       | 211      | 32.0       |            | 0.006        | 7.61       |
| D864482            |                                   | 9.6        | 88       | 48.8       |            | <0.005       | 6.92       |
| D864483            |                                   | 12.4       | 98       | 54.1       |            | 0.013        | 6.23       |
| D864484            |                                   | 11.6       | 93       | 47.9       |            | 0.006        | 3.74       |
| D864485            |                                   | 6.8        | 887      | 3.9        |            | 0.719        | 0.12       |



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To: TRIUMPH GOLD CORP.  
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**CERTIFICATE OF ANALYSIS WH23226490**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: REEs may not be totally soluble in this method.  
ME-MS61

**LABORATORY ADDRESSES**

|                    |                                                                                        |         |         |         |
|--------------------|----------------------------------------------------------------------------------------|---------|---------|---------|
| Applies to Method: | Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.         |         |         |         |
|                    | CRU-31                                                                                 | CRU-QC  | LOG-21  | LOG-23  |
|                    | PUL-31                                                                                 | PUL-QC  | SPL-21  | WEI-21  |
| Applies to Method: | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. |         |         |         |
|                    | Au-AA23                                                                                | ME-MS61 | ME-OG62 | Zn-OG62 |