



ALS Canada Ltd.

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To: **GOLDCORP KAMINAK LTD**
SUITE 3400 - 666 BURRELL STREET
VANCOUVER BC V6C 2X8

Page: 1
Total # Pages: 5 (A)
Plus Appendix Pages
Finalized Date: 24-DEC-2018
Account: KAMGOL

CERTIFICATE WH18308766

Project: Coffee

P.O. No.: KGC-18-1859

This report is for 124 Percussion samples submitted to our lab in Whitehorse, YT, Canada on 4-DEC-2018.

The following have access to data associated with this certificate:

THOMAS BISSIG
IAN HERBRANSON
TIM SMITH

TOM BOKENFOHR
ERIK SCHEEL
MATT ZAGO

CASEY CARDINAL
JAMES SCOTT

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| LOG-21 | Sample logging - ClientBarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32m | Pulverize 500g - 85%<75um |
| BAG-01 | Bulk Master for Storage |
| LOG-23 | Pulp Login - Rcvd with Barcode |

ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------------------------|------------|
| ME-ICP41 | 35 Element Aqua Regia ICP-AES | ICP-AES |
| Au-AA13 | Au by cyanide leach and AAS | AAS |
| Au-ICP21 | Au 30g FA ICP-AES Finish | ICP-AES |

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:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH18308766

| Sample Description | Method Analyte Units LOD | WEI-21 | Au-ICP21 | Au-AA13 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm | As ppm | Hg ppm | Sb ppm |
| | | 0.02 | 0.001 | 0.03 | 2 | 1 | 2 |
| A0030803 | | 1.87 | 0.075 | | 103 | <1 | 2 |
| A0030804 | | 2.04 | 0.046 | | 71 | <1 | 2 |
| A0030805 | | 1.33 | 0.026 | | 49 | <1 | <2 |
| A0030806 | | 1.47 | 0.006 | | 12 | <1 | <2 |
| A0030807 | | 1.83 | <0.001 | | 6 | <1 | <2 |
| A0030808 | | 2.83 | <0.001 | | 4 | <1 | <2 |
| A0030809 | | 1.84 | <0.001 | | 4 | <1 | <2 |
| A0030810 | | 0.06 | 6.33 | 5.73 | 513 | <1 | 5 |
| A0030811 | | 1.54 | <0.001 | | 3 | <1 | <2 |
| A0030812 | | 1.99 | <0.001 | | 5 | <1 | <2 |
| A0030813 | | 1.50 | 0.002 | | 8 | <1 | <2 |
| A0030814 | | 1.72 | 0.001 | | 3 | <1 | <2 |
| A0030815 | | 1.83 | <0.001 | | 4 | <1 | <2 |
| A0030816 | | 1.84 | 0.029 | | 9 | <1 | <2 |
| A0030817 | | 1.86 | <0.001 | | 5 | <1 | <2 |
| A0030818 | | 1.82 | <0.001 | | 6 | <1 | <2 |
| A0030819 | | 1.93 | <0.001 | | 15 | <1 | <2 |
| A0030820 | | 0.07 | <0.001 | | 2 | <1 | <2 |
| A0030821 | | 1.48 | <0.001 | | 3 | <1 | <2 |
| A0030822 | | 1.55 | <0.001 | | 8 | <1 | <2 |
| A0030823 | | 2.07 | <0.001 | | 11 | <1 | <2 |
| A0030824 | | 2.09 | <0.001 | | 5 | <1 | <2 |
| A0030825 | | 2.13 | <0.001 | | 8 | <1 | <2 |
| A0030826 | | 1.95 | <0.001 | | 2 | <1 | <2 |
| A0030827 | | 2.08 | 0.001 | | 3 | <1 | <2 |
| A0030828 | | 1.96 | <0.001 | | 3 | <1 | <2 |
| A0030829 | | 1.93 | <0.001 | | 2 | <1 | <2 |
| A0030830 | | 0.06 | 8.82 | 4.95 | 37 | 1 | 7 |
| A0030831 | | 1.99 | 0.001 | | 2 | <1 | <2 |
| A0030832 | | 1.85 | <0.001 | | 166 | 1 | 24 |
| A0030833 | | 1.93 | <0.001 | | 270 | <1 | 29 |
| A0030834 | | 1.61 | 0.010 | | 574 | <1 | 46 |
| A0030835 | | 1.47 | 0.407 | 0.41 | 1495 | 1 | 98 |
| A0030836 | | 2.06 | 0.034 | | 530 | <1 | 59 |
| A0030837 | | 1.95 | 0.024 | | 954 | <1 | 117 |
| A0030838 | | 1.43 | 0.058 | | 1010 | 1 | 139 |
| A0030839 | | 1.91 | 0.011 | | 400 | <1 | 69 |
| A0030840 | | 0.45 | <0.001 | | 9 | <1 | <2 |
| A0030841 | | 1.83 | 0.006 | | 301 | <1 | 50 |
| A0030842 | | 1.69 | 0.008 | | 308 | <1 | 57 |



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Project: Coffee

CERTIFICATE OF ANALYSIS WH18308766

| Sample Description | Method Analyte Units LOD | WEI-21 | Au-ICP21 | Au-AA13 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm | As ppm | Hg ppm | Sb ppm |
| | | 0.02 | 0.001 | 0.03 | 2 | 1 | 2 |
| A0030843 | | 1.84 | 0.007 | | 352 | <1 | 64 |
| A0030844 | | 2.14 | 0.010 | | 390 | <1 | 59 |
| A0030845 | | 1.98 | 0.003 | | 391 | <1 | 88 |
| A0030846 | | 1.64 | <0.001 | | 343 | <1 | 73 |
| A0030847 | | 1.85 | 0.003 | | 438 | <1 | 57 |
| A0030848 | | 1.62 | 0.005 | | 352 | <1 | 32 |
| A0030849 | | 2.15 | 0.001 | | 108 | <1 | 10 |
| A0030850 | | 0.06 | 0.955 | 0.87 | 7 | <1 | <2 |
| A0030851 | | 2.17 | 0.001 | | 132 | <1 | 14 |
| A0030852 | | 1.67 | <0.001 | | 74 | <1 | 6 |
| A0030853 | | 1.92 | 0.001 | | 178 | <1 | 7 |
| A0030854 | | 1.86 | <0.001 | | 30 | <1 | <2 |
| A0030855 | | 2.11 | <0.001 | | 24 | <1 | 3 |
| A0030856 | | 1.83 | <0.001 | | 19 | <1 | <2 |
| A0030857 | | 1.78 | <0.001 | | 14 | <1 | <2 |
| A0030858 | | 1.96 | <0.001 | | 13 | <1 | <2 |
| A0030859 | | 1.49 | 0.005 | | 373 | <1 | 32 |
| A0030860 | | 0.06 | <0.001 | | <2 | <1 | <2 |
| A0030861 | | 1.37 | <0.001 | | 3 | <1 | <2 |
| A0030862 | | 1.16 | 0.134 | | 119 | <1 | 2 |
| A0030863 | | 1.35 | 0.126 | | 123 | <1 | 4 |
| A0030864 | | 2.07 | 0.079 | | 74 | <1 | 2 |
| A0030865 | | 1.41 | 0.014 | | 20 | <1 | <2 |
| A0030866 | | 1.31 | 0.014 | | 19 | <1 | <2 |
| A0030867 | | 2.33 | 0.002 | | 14 | <1 | <2 |
| A0030868 | | 2.52 | <0.001 | | 8 | <1 | <2 |
| A0030869 | | 2.36 | <0.001 | | 7 | <1 | <2 |
| A0030870 | | 0.06 | 6.15 | 5.55 | 481 | 1 | 2 |
| A0030871 | | 2.32 | <0.001 | | 10 | <1 | <2 |
| A0030872 | | 2.38 | <0.001 | | 13 | <1 | <2 |
| A0030873 | | 2.67 | <0.001 | | 15 | <1 | <2 |
| A0030874 | | 2.11 | <0.001 | | 11 | <1 | <2 |
| A0030875 | | 2.39 | <0.001 | | 10 | <1 | <2 |
| A0030876 | | 1.96 | 0.001 | | 26 | 1 | 2 |
| A0030877 | | 1.93 | <0.001 | | 10 | <1 | <2 |
| A0030878 | | 2.36 | <0.001 | | 8 | <1 | <2 |
| A0030879 | | 2.02 | 0.002 | | 25 | <1 | 8 |
| A0030880 | | 0.49 | <0.001 | | 2 | <1 | <2 |
| A0030881 | | 2.03 | 0.013 | | 40 | <1 | 7 |
| A0030882 | | 1.71 | 0.039 | | 267 | <1 | 27 |



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CERTIFICATE OF ANALYSIS WH18308766

| Sample Description | Method Analyte Units LOD | WEI-21 | Au-ICP21 | Au-AA13 | ME-ICP41 | ME-ICP41 | ME-ICP41 |
|--------------------|-----------------------------------|-------------------------|--------------------|-------------------|----------------|----------------|----------------|
| | | Recvd Wt. kg 0.02 | Au ppm 0.001 | Au ppm 0.03 | As ppm 2 | Hg ppm 1 | Sb ppm 2 |
| A0030883 | | 2.53 | 0.017 | | 86 | <1 | 2 |
| A0030884 | | 2.24 | 0.009 | | 19 | <1 | <2 |
| A0030885 | | 2.04 | 0.009 | | 16 | <1 | 2 |
| A0030886 | | 2.51 | <0.001 | | 5 | <1 | <2 |
| A0030887 | | 2.17 | <0.001 | | 9 | <1 | <2 |
| A0030888 | | 2.36 | <0.001 | | 9 | <1 | 2 |
| A0030889 | | 2.69 | <0.001 | | 11 | <1 | 2 |
| A0030890 | | 0.06 | 0.739 | 0.73 | 5 | <1 | 2 |
| A0030891 | | 2.45 | 0.001 | | 9 | <1 | 2 |
| A0030892 | | 2.44 | <0.001 | | 7 | 1 | <2 |
| A0030893 | | 1.90 | <0.001 | | 25 | <1 | 3 |
| A0030894 | | 2.13 | <0.001 | | 14 | <1 | 3 |
| A0030895 | | 2.34 | <0.001 | | 20 | <1 | 2 |
| A0030896 | | 2.65 | <0.001 | | 8 | <1 | <2 |
| A0030897 | | 2.85 | 0.001 | | 8 | <1 | <2 |
| A0030898 | | 2.89 | <0.001 | | 6 | 1 | <2 |
| A0030899 | | 2.79 | 0.001 | | 9 | <1 | <2 |
| A0030900 | | 0.06 | <0.001 | | <2 | <1 | <2 |
| A0030901 | | 2.51 | <0.001 | | 12 | <1 | 3 |
| A0030902 | | 2.22 | <0.001 | | 16 | <1 | 3 |
| A0030903 | | 2.38 | 0.002 | | 188 | 1 | 27 |
| A0030904 | | 2.04 | 0.182 | | 282 | <1 | 42 |
| A0030905 | | 1.98 | 0.661 | 0.62 | 627 | <1 | 70 |
| A0030906 | | 2.02 | 0.118 | | 201 | <1 | 8 |
| A0030907 | | 1.96 | 0.078 | | 174 | <1 | 5 |
| A0030908 | | 2.25 | 0.010 | | 51 | 1 | 2 |
| A0030909 | | 1.91 | <0.001 | | 62 | <1 | 9 |
| A0030910 | | 0.06 | 0.136 | | 79 | <1 | 25 |
| A0030911 | | 2.28 | 0.001 | | 54 | <1 | 7 |
| A0030912 | | 2.82 | 0.001 | | 29 | 1 | 2 |
| A0030913 | | 2.41 | 0.006 | | 36 | <1 | 4 |
| A0030914 | | 2.03 | 0.035 | | 706 | 1 | 72 |
| A0030915 | | 2.14 | 0.012 | | 147 | 1 | 9 |
| A0030916 | | 2.35 | <0.001 | | 32 | <1 | 3 |
| A0030917 | | 2.69 | <0.001 | | 9 | <1 | 2 |
| A0030918 | | 2.49 | <0.001 | | 6 | <1 | 2 |
| A0030919 | | 2.58 | <0.001 | | 98 | <1 | 8 |
| A0030920 | | 0.51 | <0.001 | | <2 | <1 | <2 |
| A0030921 | | 2.42 | <0.001 | | 74 | 1 | 6 |
| A0030922 | | 2.37 | <0.001 | | 47 | <1 | <2 |



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|--------------------|-----------------------------------|-----------|----------|---------|----------|----------|----------|
| | | Recvd Wt. | Au | Au | As | Hg | Sb |
| | | kg | ppm | ppm | ppm | ppm | ppm |
| | | 0.02 | 0.001 | 0.03 | 2 | 1 | 2 |
| A0030923 | | 1.69 | 0.007 | | 792 | 1 | 56 |
| A0030924 | | 1.88 | 0.020 | | 457 | <1 | 21 |
| A0030925 | | 2.10 | 0.012 | | 314 | 2 | 16 |
| A0030926 | | 2.18 | 0.002 | | 357 | <1 | 16 |



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CERTIFICATE OF ANALYSIS WH18308766

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

| | | |
|--------------------|--|----------|
| Applies to Method: | Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. | |
| | BAG-01 | CRU-31 |
| | LOG-23 | SPL-21 |
| | | CRU-QC |
| | | WEI-21 |
| | | LOG-21 |
| Applies to Method: | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. | |
| | Au-AA13 | Au-ICP21 |
| | PUL-QC | ME-ICP41 |
| | | PUL-32m |