



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: KAMINAK GOLD CORPORATION  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

Page: 1  
Finalized Date: 17-OCT-2013  
Account: KAMGOL

**CERTIFICATE VA13182643**

**Project:**

P.O. No.: KGC-13-0072

This report is for 250 Pulp samples submitted to our lab in Vancouver, BC, Canada on 8-OCT-2013.

The following have access to data associated with this certificate:

TOM BOKENFOHR

JAMES SCOTT

TIM SMITH

**SAMPLE PREPARATION**

| ALS CODE | DESCRIPTION                  |
|----------|------------------------------|
| WEI-21   | Received Sample Weight       |
| LOG-24   | Pulp Login - Rcd w/o Barcode |

**ANALYTICAL PROCEDURES**

| ALS CODE | DESCRIPTION                 | INSTRUMENT |
|----------|-----------------------------|------------|
| Au-AA13  | Au by cyanide leach and AAS | AAS        |

To: KAMINAK GOLD CORPORATION  
ATTN: TIM SMITH  
1020 - 800 WEST PENDER STREET  
VANCOUVER BC V6C 2V6

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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Page: 2 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2013  
 Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | Au-AA13<br>Au<br>ppm<br>0.03 |
|--------------------|-----------------------------------|-----------------------------------|------------------------------|
| KAM012427          |                                   | 0.20                              | 0.80                         |
| KAM012431          |                                   | 0.20                              | 6.96                         |
| KAM012432          |                                   | 0.18                              | 6.61                         |
| KAM012434          |                                   | 0.20                              | 4.02                         |
| KAM012435          |                                   | 0.18                              | 0.29                         |
| KAM012436          |                                   | 0.18                              | 1.80                         |
| KAM012437          |                                   | 0.20                              | 0.48                         |
| KAM012441          |                                   | 0.16                              | 3.50                         |
| KAM012444          |                                   | 0.22                              | 0.44                         |
| KAM012445          |                                   | 0.18                              | 2.31                         |
| KAM012591          |                                   | 0.08                              | 5.60                         |
| KAM012592          |                                   | 0.02                              | NSS                          |
| KAM012593          |                                   | 0.12                              | 0.43                         |
| KAM012597          |                                   | 0.10                              | 6.25                         |
| KAM012598          |                                   | 0.10                              | 4.84                         |
| KAM012599          |                                   | 0.10                              | 2.39                         |
| KAM012601          |                                   | 0.10                              | 1.93                         |
| KAM044067          |                                   | 0.16                              | 0.90                         |
| KAM044068          |                                   | 0.18                              | 4.22                         |
| KAM044091          |                                   | Not Recvd                         |                              |
| KAM013015          |                                   | 0.16                              | 0.61                         |
| KAM013024          |                                   | 0.20                              | 0.90                         |
| KAM044517          |                                   | 0.20                              | 0.36                         |
| KAM044518          |                                   | 0.14                              | 3.46                         |
| KAM044519          |                                   | 0.18                              | 4.53                         |
| KAM044521          |                                   | 0.16                              | 2.29                         |
| KAM044524          |                                   | 0.18                              | 0.34                         |
| KAM044525          |                                   | 0.18                              | 0.68                         |
| KAM044526          |                                   | 0.16                              | 0.17                         |
| KAM044529          |                                   | 0.18                              | 0.91                         |
| KAM044531          |                                   | Not Recvd                         |                              |
| KAM044534          |                                   | 0.14                              | 0.62                         |
| KAM044535          |                                   | 0.16                              | 1.48                         |
| KAM044536          |                                   | 0.18                              | 2.88                         |
| KAM044545          |                                   | 0.12                              | 14.35                        |
| KAM044546          |                                   | 0.16                              | 4.46                         |
| KAM044555          |                                   | 0.14                              | 0.89                         |
| KAM044556          |                                   | 0.18                              | 0.25                         |
| KAM044559          |                                   | 0.18                              | 0.30                         |
| KAM013301          |                                   | 0.22                              | 0.11                         |



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Page: 3 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2013  
 Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21                  | Au-AA13           |
|--------------------|-----------------------------------|-------------------------|-------------------|
|                    |                                   | Recvd Wt.<br>kg<br>0.02 | Au<br>ppm<br>0.03 |
| KAM038461          |                                   | 0.18                    | 0.04              |
| KAM038463          |                                   | 0.18                    | 0.03              |
| KAM038464          |                                   | 0.16                    | <0.03             |
| KAM038465          |                                   | 0.18                    | 0.06              |
| KAM038466          |                                   | 0.16                    | 0.05              |
| KAM038468          |                                   | 0.20                    | <0.03             |
| KAM038469          |                                   | 0.18                    | 0.07              |
| KAM038471          |                                   | 0.20                    | 0.05              |
| KAM038472          |                                   | 0.16                    | 0.06              |
| KAM038473          |                                   | 0.20                    | <0.03             |
| KAM038474          |                                   | 0.18                    | <0.03             |
| KAM038475          |                                   | 0.18                    | 0.06              |
| KAM038476          |                                   | 0.18                    | 0.31              |
| KAM038477          |                                   | 0.20                    | 0.21              |
| KAM038478          |                                   | 0.20                    | 0.16              |
| KAM038481          |                                   | 0.24                    | 0.03              |
| KAM013665          |                                   | 0.22                    | 0.03              |
| KAM013666          |                                   | 0.24                    | <0.03             |
| KAM013667          |                                   | 0.22                    | 0.09              |
| KAM013668          |                                   | 0.24                    | 0.74              |
| KAM013669          |                                   | 0.20                    | 0.25              |
| KAM013674          |                                   | 0.20                    | <0.03             |
| KAM013677          |                                   | 0.20                    | 0.07              |
| KAM013678          |                                   | 0.18                    | 0.03              |
| KAM013679          |                                   | 0.22                    | <0.03             |
| KAM013685          |                                   | 0.22                    | 0.11              |
| KAM013686          |                                   | 0.20                    | 0.35              |
| KAM013689          |                                   | 0.24                    | 1.24              |
| KAM013741          |                                   | 0.12                    | 3.05              |
| KAM013742          |                                   | 0.16                    | 5.90              |
| KAM013743          |                                   | 0.20                    | 2.79              |
| KAM013744          |                                   | 0.20                    | 3.49              |
| KAM013745          |                                   | 0.18                    | 7.91              |
| KAM013746          |                                   | 0.16                    | 4.02              |
| KAM013756          |                                   | 0.18                    | 0.30              |
| KAM023311          |                                   | 0.14                    | <0.03             |
| KAM023312          |                                   | 0.16                    | <0.03             |
| KAM023313          |                                   | 0.20                    | 0.03              |
| KAM023314          |                                   | 0.20                    | <0.03             |
| KAM023315          |                                   | 0.20                    | 0.05              |



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 VANCOUVER BC V6C 2V6

Page: 4 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2013  
 Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | Au-AA13<br>Au<br>ppm<br>0.03 |
|--------------------|-----------------------------------|-----------------------------------|------------------------------|
| KAM023319          |                                   | 0.22                              | <0.03                        |
| KAM023321          |                                   | 0.18                              | 0.06                         |
| KAM023322          |                                   | 0.22                              | <0.03                        |
| KAM023326          |                                   | 0.20                              | <0.03                        |
| KAM023382          |                                   | 0.22                              | <0.03                        |
| KAM023241          |                                   | 0.22                              | 0.03                         |
| KAM023242          |                                   | 0.22                              | 0.19                         |
| KAM023243          |                                   | 0.22                              | 0.12                         |
| KAM023288          |                                   | 0.22                              | 0.31                         |
| KAM023289          |                                   | 0.16                              | 0.66                         |
| KAM023291          |                                   | 0.20                              | 5.53                         |
| KAM023292          |                                   | 0.22                              | 0.49                         |
| KAM023294          |                                   | 0.14                              | 0.04                         |
| KAM023296          |                                   | 0.18                              | 0.11                         |
| KAM023297          |                                   | 0.20                              | 0.03                         |
| KAM023299          |                                   | 0.20                              | 0.29                         |
| KAM023301          |                                   | 0.20                              | 0.31                         |
| KAM023302          |                                   | 0.22                              | 0.16                         |
| KAM023303          |                                   | 0.18                              | 0.14                         |
| KAM023304          |                                   | 0.22                              | 0.22                         |
| KAM023305          |                                   | 0.20                              | 0.05                         |
| KAM023306          |                                   | 0.20                              | 0.03                         |
| KAM023307          |                                   | 0.18                              | 0.04                         |
| KAM023308          |                                   | 0.22                              | <0.03                        |
| KAM023309          |                                   | 0.18                              | 0.03                         |
| KAM014397          |                                   | 0.18                              | 0.67                         |
| KAM014398          |                                   | 0.18                              | 2.59                         |
| KAM014399          |                                   | 0.20                              | 5.10                         |
| KAM014401          |                                   | 0.16                              | 2.97                         |
| KAM014402          |                                   | 0.20                              | 1.80                         |
| KAM014403          |                                   | 0.20                              | 1.97                         |
| KAM014405          |                                   | 0.20                              | 1.74                         |
| KAM014406          |                                   | 0.22                              | 1.11                         |
| KAM015491          |                                   | 0.22                              | 1.02                         |
| KAM015499          |                                   | 0.20                              | 2.02                         |
| KAM015501          |                                   | 0.16                              | 2.58                         |
| KAM015502          |                                   | 0.20                              | 1.89                         |
| KAM015503          |                                   | 0.20                              | 0.25                         |
| KAM047359          |                                   | 0.16                              | 0.81                         |
| KAM047361          |                                   | 0.18                              | 1.63                         |



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Page: 5 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2013  
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| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | Au-AA13<br>Au<br>ppm<br>0.03 |
|--------------------|-----------------------------------|-----------------------------------|------------------------------|
| KAM047362          |                                   | 0.18                              | 1.33                         |
| KAM047363          |                                   | 0.20                              | 0.90                         |
| KAM047364          |                                   | 0.12                              | 1.61                         |
| KAM047368          |                                   | 0.14                              | 1.16                         |
| KAM047369          |                                   | 0.18                              | 0.32                         |
| KAM047371          |                                   | 0.08                              | 11.65                        |
| KAM047372          |                                   | 0.14                              | 2.72                         |
| KAM047373          |                                   | 0.14                              | 0.76                         |
| KAM047381          |                                   | 0.20                              | 0.31                         |
| KAM047382          |                                   | 0.10                              | 1.21                         |
| KAM049987          |                                   | 0.22                              | 1.21                         |
| KAM050009          |                                   | 0.24                              | 0.77                         |
| KAM050011          |                                   | 0.22                              | 1.05                         |
| KAM050012          |                                   | 0.24                              | 1.47                         |
| KAM050013          |                                   | 0.22                              | 2.31                         |
| KAM050014          |                                   | 0.22                              | 6.70                         |
| KAM050015          |                                   | 0.22                              | 1.02                         |
| KAM050023          |                                   | 0.22                              | 4.02                         |
| KAM050024          |                                   | 0.22                              | 2.27                         |
| KAM050025          |                                   | 0.22                              | 0.88                         |
| KAM050029          |                                   | 0.22                              | 2.93                         |
| KAM050427          |                                   | 0.24                              | 0.83                         |
| KAM050428          |                                   | 0.22                              | 3.55                         |
| KAM050429          |                                   | 0.20                              | 2.94                         |
| KAM050431          |                                   | 0.22                              | 0.60                         |
| KAM050435          |                                   | 0.24                              | 0.36                         |
| KAM050437          |                                   | 0.20                              | 0.34                         |
| KAM000333          |                                   | 0.18                              | 3.20                         |
| KAM000334          |                                   | 0.20                              | 2.73                         |
| KAM000337          |                                   | 0.16                              | 2.45                         |
| KAM000338          |                                   | 0.24                              | 5.12                         |
| KAM000339          |                                   | 0.22                              | 4.94                         |
| KAM000341          |                                   | 0.20                              | 1.38                         |
| KAM000342          |                                   | 0.18                              | 2.95                         |
| KAM000343          |                                   | 0.22                              | 1.49                         |
| KAM000346          |                                   | 0.20                              | 0.16                         |
| KAM000347          |                                   | 0.20                              | 5.44                         |
| KAM000348          |                                   | 0.20                              | 1.29                         |
| KAM000349          |                                   | 0.24                              | 0.16                         |
| KAM000351          |                                   | 0.26                              | 0.50                         |



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Page: 6 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
 Finalized Date: 17-OCT-2013  
 Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21                  | Au-AA13           |
|--------------------|-----------------------------------|-------------------------|-------------------|
|                    |                                   | Recvd Wt.<br>kg<br>0.02 | Au<br>ppm<br>0.03 |
| KAM001203          |                                   | 0.12                    | 0.54              |
| KAM001204          |                                   | Not Recvd               |                   |
| KAM001205          |                                   | Not Recvd               |                   |
| KAM001206          |                                   | Not Recvd               |                   |
| KAM001207          |                                   | Not Recvd               |                   |
| KAM001208          |                                   | Not Recvd               |                   |
| KAM001211          |                                   | 0.06                    | 1.03              |
| KAM001212          |                                   | 0.14                    | 0.83              |
| KAM001213          |                                   | 0.06                    | 0.42              |
| KAM001217          |                                   | 0.10                    | 0.40              |
| KAM001218          |                                   | 0.12                    | 0.53              |
| KAM001219          |                                   | 0.14                    | 1.13              |
| KAM009564          |                                   | 0.12                    | 5.27              |
| KAM009565          |                                   | 0.16                    | 2.77              |
| KAM009566          |                                   | 0.22                    | 0.42              |
| KAM009567          |                                   | 0.12                    | 1.69              |
| KAM009568          |                                   | 0.24                    | 0.33              |
| KAM009569          |                                   | 0.20                    | 0.64              |
| KAM009571          |                                   | 0.16                    | 1.21              |
| KAM009572          |                                   | 0.06                    | 1.84              |
| KAM009574          |                                   | 0.16                    | 0.44              |
| KAM009578          |                                   | 0.16                    | 1.08              |
| KAM009579          |                                   | 0.16                    | 0.75              |
| KAM009581          |                                   | 0.14                    | 1.17              |
| KAM009582          |                                   | 0.16                    | 2.13              |
| KAM009583          |                                   | 0.16                    | 0.62              |
| KAM009584          |                                   | 0.16                    | 5.29              |
| KAM009585          |                                   | 0.18                    | 2.17              |
| KAM009587          |                                   | 0.16                    | 2.69              |
| KAM009588          |                                   | 0.16                    | 1.28              |
| KAM009591          |                                   | 0.18                    | 1.82              |
| KAM009592          |                                   | 0.14                    | 2.02              |
| KAM010988          |                                   | 0.20                    | 0.96              |
| KAM010989          |                                   | 0.16                    | 1.70              |
| KAM010991          |                                   | 0.16                    | 12.65             |
| KAM010992          |                                   | 0.22                    | 8.21              |
| KAM010993          |                                   | 0.24                    | 5.24              |
| KAM010994          |                                   | 0.24                    | 0.69              |
| KAM010997          |                                   | 0.20                    | 0.79              |
| KAM011003          |                                   | 0.24                    | 0.45              |



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 VANCOUVER BC V6C 2V6

Page: 7 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
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 Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

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|--------------------|-----------------------------------|-----------------------------------|------------------------------|
|                    |                                   |                                   |                              |
| KAM011006          |                                   | 0.20                              | 3.38                         |
| KAM038085          |                                   | 0.20                              | 0.46                         |
| KAM038086          |                                   | 0.20                              | 0.97                         |
| KAM038087          |                                   | 0.16                              | 0.75                         |
| KAM038088          |                                   | 0.18                              | 0.37                         |
| KAM038092          |                                   | 0.20                              | 0.22                         |
| KAM038093          |                                   | 0.22                              | 0.21                         |
| KAM038161          |                                   | 0.22                              | <0.03                        |
| KAM038167          |                                   | 0.20                              | <0.03                        |
| KAM038168          |                                   | 0.18                              | 0.10                         |
| KAM038169          |                                   | 0.20                              | <0.03                        |
| KAM044283          |                                   | 0.18                              | 1.31                         |
| KAM013149          |                                   | Not Recvd                         |                              |
| KAM012986          |                                   | 0.22                              | 1.89                         |
| KAM012987          |                                   | 0.22                              | 9.71                         |
| KAM012988          |                                   | 0.16                              | 22.0                         |
| KAM012989          |                                   | 0.18                              | 48.2                         |
| KAM012991          |                                   | 0.20                              | 1.03                         |
| KAM012992          |                                   | 0.18                              | 0.66                         |
| KAM012993          |                                   | 0.20                              | 0.43                         |
| KAM012994          |                                   | 0.22                              | 0.59                         |
| KAM012995          |                                   | 0.22                              | 1.15                         |
| KAM012996          |                                   | 0.22                              | 0.29                         |
| KAM012997          |                                   | 0.22                              | 0.52                         |
| KAM012998          |                                   | 0.20                              | 0.21                         |
| KAM012999          |                                   | 0.22                              | 0.41                         |
| KAM021772          |                                   | 0.18                              | >50                          |
| KAM022349          |                                   | 0.22                              | 0.42                         |
| KAM022351          |                                   | 0.24                              | 3.12                         |
| KAM022352          |                                   | 0.24                              | 5.38                         |
| KAM022355          |                                   | 0.22                              | 0.91                         |
| KAM022356          |                                   | 0.24                              | 0.53                         |
| KAM013407          |                                   | 0.14                              | 1.48                         |
| KAM013408          |                                   | 0.16                              | 1.75                         |
| KAM013409          |                                   | 0.12                              | 0.66                         |
| KAM013411          |                                   | 0.16                              | 0.28                         |
| KAM013412          |                                   | 0.18                              | 0.75                         |
| KAM013413          |                                   | 0.16                              | 0.73                         |
| KAM013414          |                                   | 0.16                              | 0.80                         |
| KAM013415          |                                   | 0.10                              | 0.83                         |



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Page: 8 - A  
 Total # Pages: 8 (A)  
 Plus Appendix Pages  
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|--------------------|-----------------------------------|-------------------------|-------------------|
|                    |                                   | Recvd Wt.<br>kg<br>0.02 | Au<br>ppm<br>0.03 |
| KAM013422          |                                   | 0.16                    | 1.41              |
| KAM013423          |                                   | 0.12                    | 2.11              |
| KAM013428          |                                   | 0.14                    | 0.52              |
| KAM013436          |                                   | 0.12                    | 0.68              |
| KAM013445          |                                   | 0.12                    | 0.49              |
| KAM022606          |                                   | Not Recvd               |                   |
| KAM013606          |                                   | 0.22                    | 0.52              |
| KAM013553          |                                   | 0.22                    | 3.62              |
| KAM013554          |                                   | 0.22                    | 5.51              |
| KAM013555          |                                   | 0.24                    | 4.45              |
|                    |                                   |                         |                   |





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Page: Appendix 1  
Total # Appendix Pages: 1  
Finalized Date: 17-OCT-2013  
Account: KAMGOL

**CERTIFICATE OF ANALYSIS VA13182643**

**CERTIFICATE COMMENTS**

**ANALYTICAL COMMENTS**

Applies to Method: NSS is non-sufficient sample.  
ALL METHODS

**LABORATORY ADDRESSES**

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
Au-AA13 LOG-24 WEI-21