ALS Canada Ltd.

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

To: **OSISKO HAMMOND REEF GOLD LTD.**
**1100, DE LA GAUCHETIÈRE OUEST, BUREAU 300**
**C.P. 211**
**MONTRÉAL QC H3B 2S2**


**Finalized Date: 31-JUL-2012**
**Account: OSIHRG**

# CERTIFICATE TB12163486

Project: HAMMOND REEF

P.O. No.:

This report is for 141 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUL-2012.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| SERGIO CATTALANI<br>ASSAYS REPOSITORY | ANNE CHARLAND<br>ANDREW STOKES | MIKE FELL<br>BOB WARES |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| SPL-21 | Split sample - riffle splitter |
| PUL-32 | Pulverize 1000g to 85% < 75 um |
| LOG-23 | Pulp Login - Rcvd with Barcode |
| LOG-21d | Sample logging - ClientBarCode Dup |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| SPL-21d | Split sample - duplicate |
| PUL-31d | Pulverize Split - duplicate |
| SPL-34 | Pulp Splitting Charge |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| Au-AA24 | Au 50g FA AA finish | AAS |
| Au-AA24d | Dup - Au 50g FA-AA finish | AAS |
| OA-GRA08 | Specific Gravity - Bulk Sample | WST-SEQ |

To: **OSISKO HAMMOND REEF GOLD LTD.**
**ATTN: ANDREW STOKES**
**101 GOODWIN STREET**
**BOX 2020**
**ATIKOKAN ON P0T 1C0**

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.

**Signature:** Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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# CERTIFICATE OF ANALYSIS TB12163486

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | Au-AA24<br>Au<br>ppm<br>0.005 | Au-AA24d<br>Au<br>ppm<br>0.005 | OA-GRA08<br>S.G.<br>Unity<br>0.01 |
|---|---|---|---|---|---|
| N446788 | | 2.58 | 0.573 | | |
| N446789 | | 3.07 | 0.182 | | |
| N446790 | | 0.17 | 0.526 | | |
| N446791 | | 3.45 | <0.005 | | |
| N446792 | | 3.20 | <0.005 | | |
| N446793 | | 3.37 | 0.013 | | |
| N446794 | | 3.53 | 0.008 | | |
| N446795 | | 3.33 | <0.005 | | |
| N446796 | | 3.33 | 0.006 | | |
| N446797 | | 3.43 | <0.005 | | |
| N446798 | | 3.58 | 0.006 | | |
| N446799 | | 3.41 | <0.005 | | |
| N446800 | | 0.17 | 0.826 | | |
| N446801 | | 3.34 | 0.034 | | |
| N446802 | | 3.28 | <0.005 | | |
| N446803 | | 3.45 | 0.031 | | |
| N446804 | | 3.32 | <0.005 | | |
| N446805 | | 4.57 | <0.005 | | |
| N446806 | | 2.44 | 0.033 | | |
| N446807 | | 3.15 | 0.288 | | 2.70 |
| N446807 CRD | | <0.02 | 0.281 | | |
| N446808 | | 4.06 | 0.071 | 0.061 | |
| N446809 | | 3.34 | <0.005 | | |
| N446810 | | 2.70 | <0.005 | | |
| N446811 | | 3.88 | 0.056 | | |
| N446812 | | 2.80 | 0.150 | | |
| N446813 | | 3.10 | 0.118 | | |
| N446814 | | 3.65 | 0.047 | | |
| N446815 | | 0.17 | 2.42 | | |
| N446816 | | 3.25 | 0.309 | | |
| N446817 | | 3.43 | 0.142 | | |
| N446818 | | 3.49 | 0.279 | | |
| N446819 | | 3.41 | 0.894 | | |
| N446820 | | 3.52 | 0.368 | | |
| N446821 | | 3.27 | 0.177 | | |
| N446822 | | 3.29 | 0.213 | | |
| N446823 | | 3.63 | 0.307 | | |
| N446824 | | 3.46 | 0.704 | | |
| N446825 | | 3.37 | 0.385 | | |
| N446826 | | 3.31 | 0.544 | | |

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| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21<br>Recvd Wt.<br>kg<br>0.02 | Au-AA24<br>Au<br>ppm<br>0.005 | Au-AA24d<br>Au<br>ppm<br>0.005 | OA-GRA08<br>S.G.<br>Unity<br>0.01 |
|---|---|---|---|---|---|
| N446827 | | 3.65 | 0.255 | | 2.74 |
| N446827 CRD | | <0.02 | 0.299 | | |
| N446828 | | 3.50 | 0.534 | 0.666 | |
| N446829 | | 3.55 | 0.580 | | |
| N446830 | | 0.17 | 0.450 | | |
| N446831 | | 3.39 | 0.348 | | |
| N446832 | | 3.34 | 0.325 | | |
| N446833 | | 3.08 | 0.152 | | |
| N446834 | | 3.93 | 0.294 | | |
| N446835 | | 4.12 | 0.371 | | |
| N446836 | | 4.60 | 0.209 | | |
| N446837 | | 2.86 | 0.010 | | |
| N446838 | | 3.93 | 0.078 | | |
| N446839 | | 3.31 | 0.319 | | |
| N446840 | | 3.55 | 0.109 | | |
| N446841 | | 4.25 | 0.090 | | |
| N446842 | | 2.81 | 0.022 | | |
| N446843 | | 2.54 | 0.044 | | |
| N446844 | | 4.16 | 0.024 | | |
| N446845 | | 1.01 | <0.005 | | |
| N446846 | | 3.33 | <0.005 | | |
| N446847 | | 3.38 | <0.005 | | 2.68 |
| N446847 CRD | | <0.02 | <0.005 | | |
| N446848 | | 3.62 | 0.024 | 0.035 | |
| N446849 | | 2.65 | 0.006 | | |
| N446850 | | 4.36 | 0.008 | | |
| N446851 | | 4.13 | <0.005 | | |
| N446852 | | 3.31 | 0.005 | | |
| N446853 | | 3.21 | 0.010 | | |
| N446854 | | 3.47 | 0.031 | | |
| N446855 | | 3.57 | 0.049 | | |
| N446856 | | 3.50 | 0.027 | | |
| N446857 | | 3.62 | 0.024 | | |
| N446858 | | 4.00 | 0.079 | | |
| N446859 | | 3.01 | 0.027 | | |
| N446860 | | 0.17 | 0.955 | | |
| N446861 | | 3.45 | 0.012 | | |
| N446862 | | 3.34 | 0.007 | | |
| N446863 | | 3.79 | 0.029 | | |
| N446864 | | 3.57 | 0.017 | | |

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| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA24 Au ppm 0.005 | Au-AA24d Au ppm 0.005 | OA-GRA08 S.G. Unity 0.01 |
|---|---|---|---|---|---|
| N446865 | | 4.82 | 0.090 | | |
| N446866 | | 3.43 | 0.184 | | |
| N446867 | | 3.51 | 0.033 | | 2.70 |
| N446867 CRD | | <0.02 | 0.026 | | |
| N446868 | | 3.45 | 0.185 | 0.276 | |
| N446869 | | 3.33 | 0.049 | | |
| N446870 | | 3.61 | 0.022 | | |
| N446871 | | 3.58 | 0.006 | | |
| N446872 | | 3.63 | 0.020 | | |
| N446873 | | 3.66 | 0.109 | | |
| N446874 | | 3.58 | 0.085 | | |
| N446875 | | 0.17 | 2.46 | | |
| N446876 | | 5.02 | 0.040 | | |
| N446877 | | 3.81 | 0.033 | | |
| N446878 | | 3.50 | <0.005 | | |
| N446879 | | 4.48 | <0.005 | | |
| N446880 | | 3.52 | <0.005 | | |
| N446881 | | 3.49 | 0.014 | | |
| N446882 | | 3.49 | 0.042 | | |
| N446883 | | 3.93 | 0.037 | | |
| N446884 | | 3.47 | 0.042 | | |
| N446885 | | 3.42 | 0.009 | | |
| N446886 | | 3.39 | 0.019 | | |
| N446887 | | 3.65 | 0.052 | | 2.76 |
| N446887 CRD | | <0.02 | 0.051 | | |
| N446888 | | 3.56 | 0.101 | 0.038 | |
| N446889 | | 3.51 | <0.005 | | |
| N446890 | | 0.17 | 0.446 | | |
| N446891 | | 3.44 | 0.026 | | |
| N446892 | | 3.41 | <0.005 | | |
| N446893 | | 3.59 | 0.005 | | |
| N446894 | | 3.48 | 0.030 | | |
| N446895 | | 4.23 | 0.005 | | |
| N446896 | | 4.02 | 0.006 | | |
| N446897 | | 3.82 | 0.045 | | |
| N446898 | | 3.46 | 0.228 | | |
| N446899 | | 3.59 | 0.012 | | |
| N446900 | | 0.17 | 0.974 | | |
| N446901 | | 3.67 | 0.052 | | |
| N446902 | | 3.42 | 0.079 | | |

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|---|---|---|---|---|---|
| N446903 | | 3.60 | 0.014 | | |
| N446904 | | 3.65 | 0.025 | | |
| N446905 | | 3.51 | 0.081 | | |
| N446906 | | 3.53 | 0.176 | | |
| N446907 | | 3.53 | 0.019 | | 2.72 |
| N446907 CRD | | <0.02 | 0.032 | | |
| N446908 | | 3.61 | 0.032 | 0.035 | |
| N446909 | | 3.58 | 0.241 | | |
| N446910 | | 3.46 | 0.120 | | |
| N446911 | | 2.74 | 0.019 | | |
| N446912 | | 4.24 | 0.179 | | |
| N446913 | | 3.57 | 0.030 | | |
| N446914 | | 3.59 | 0.060 | | |
| N446915 | | 0.17 | 2.51 | | |
| N446916 | | 3.62 | 0.266 | | |
| N446917 | | 3.75 | 0.007 | | |
| N446918 | | 3.63 | 0.203 | | |
| N446919 | | 3.64 | 0.029 | | |
| N446920 | | 3.55 | 0.192 | | |
| N446921 | | 3.41 | 0.137 | | |
| N446922 | | 3.64 | 0.062 | | |