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**SCANNING PROBE MICROSCOPY (SPM)
NANOMECHANICAL AND MICROMECHANICAL
ANALYSIS, AND EXTRAPOLATION TESTING
REPORT FOR REGULAR AND MENDEZIZED®
COMMERCIAL GOLD BARS IN TRIPLICATE.**

Date: April 7, 2014

Conducted for:

**Alejandro Mendez, Ph.D.
President & CEO Mendezized
Metals Corporation**

Prepared by:

A handwritten signature in black ink, appearing to read "G. Shekhawat".

**Gajendra Shekhawat, Ph.D.
Research Professor
Department of Material Science and Engineering
Director, NIFTI-NUANCE Center
Northwestern University
Evanston, IL 60208
(Tel. 847-491-3204; g-shekhawat@northwestern.edu)**

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MENDEZIZED® COMMERCIAL 24 KARAT GOLD BARS

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REGULAR 24 KARAT COMMERCIAL GOLD BARS



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SPM MECHANICAL ANALYSIS REPORT

Requester: Mendezized Metals Corporation
Analysis Date: April 7, 2014

Purpose:

The purpose of this analysis was to find with high precision the Nanomechanical and Micromechanical measurements of three UnMendezized One Ounce Commercial Gold bars, manufactured by three different manufacturers; Credit Suisse bearing serial number 656079, Johnson Matthey bearing serial number A743622, and Engelhard bearing serial number 829483 versus three Mendezized® One Ounce Commercial Gold Bars 9999999999,9% pure, manufactured by Mendezized Metals Corporation bearing serial numbers 1001, 1002, and 1003. The secondary purpose of this analysis is to extrapolate the AFM Nanomechanical and Micromechanical measurements of the three UnMendezized commercial one ounce Gold bars versus the three Mendezized® commercial one ounce Gold bars.

Experimental and Practical:

Nanomechanical and Micromechanical analysis using Scanning Probe Microscopy (SPM) was carried out with the Hysitron Triboindenter 950 in air ambient using a berkovitch probe. The system was calibrated with a standard quartz crystal for accuracy. The system is located at Nanoscale Integrated Fabrication and Instrumentation Center (NIFTI) at Northwestern University. NIFTI has fleet of high performance AFM for doing advanced microscopy and has been used every year by more than 400 users coming from various Universities and Industries. The NIFTI Center is considered one of the preeminent AFM and nanopatterning facilities in the nation. The instrument is new, calibrated to its highest performance. The load function waveform was trapezoidal and about 1000 micro-newton of load was used. The depth of indentation was around 60-80 nm.

It will be good to state the following facts about Mechanical measuring units:

1 Tera Pascal = 1,000 Giga Pascals, Symbol TPa

1 Giga Pascal = 1,000 Mega Pascals, Symbol GPa

1 Mega Pascal = 1,000,000 Kilo Pascals, Symbol MPa

1 Kilo Pascal = 1,000,000,000 Hecto Pascals, Symbol Kpa



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Detailed Analysis Report and Comparison:

REGULAR COMMERCIAL GOLD BARS MECHANICAL DATA:

Regular Gold Unmendezized Johnson Matthey serial number

A74362: Hardness (Strength): 112 MPa (0.112 GPa)

Regular Gold Unmendezized Credit Suisse serial number

656079: Hardness (Strength): 108 MPa (0.108 GPa)

Regular Gold Unmendezized Engelhard serial number

829483: Hardness (Strength): 111 MPa (0.111 GPa)

MENDEZIZED® COMMERCIAL GOLD BARS MECHANICAL DATA:

Regular Gold Mendezized® Serial number

1001: Hardness (Strength): 6.98 Gpa

Regular Gold Mendezized® Serial number

1002: Hardness (Strength): 6.99 Gpa

Regular Gold Mendezized® Serial number

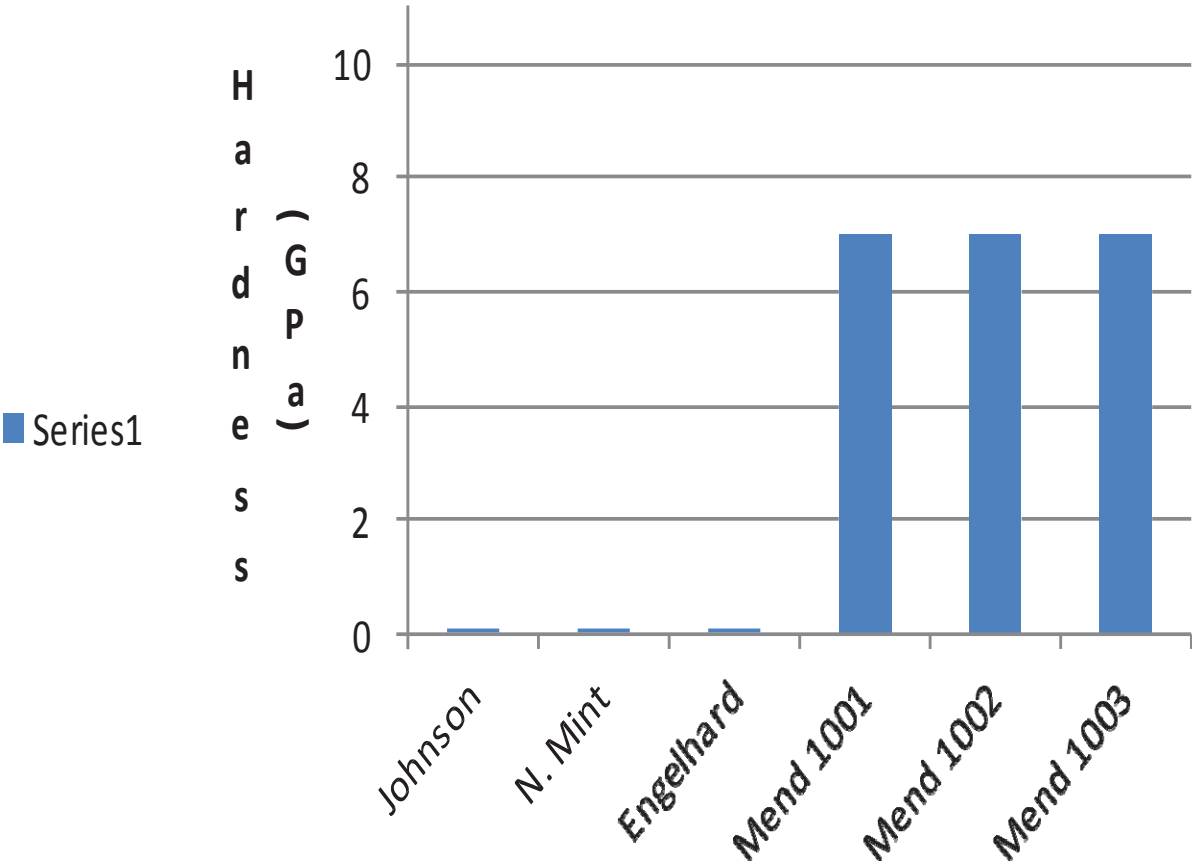
1003: Hardness (Strength): 7.02 Gpa



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SCANNING PROBE MICROSCOPY (SPM) MECHANICAL DATA PLOT FOR REGULAR AND MENDEZIZED® COMMERCIAL GOLD BARS

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EXECUTIVE SUMMARY

We conducted with high precision Nanomechanical and Micromechanical analysis using Scanning Probe Microscopy (SPM) that was carried out with the Hysitron Triboindenter 950 in air ambient using a Berkovich probe. The system was calibrated with a standard quartz crystal for accuracy. The system is located at Nanoscale Integrated Fabrication and Instrumentation Center (NIFTI) at Northwestern University. NIFTI has a fleet of high performance AFM for doing advanced microscopy and has been used every year by more than 400 users coming from various Universities and Industries. The NIFTI Center is considered one of the preeminent AFM and nanopatterning facilities in the nation. The instrument is new, calibrated to its highest performance, and has an ACCURACY of 99.99% In Situ, and is considered one of the best SPM instruments in the world. The load function waveform was trapezoidal and about 1000 micro-newton of load was used. The depth of indentation was around 60-80 nm. Therefore, and after obtaining and carefully reviewing these unheard of incredible MECHANICAL HARDNESS/STRENGTH results in triplicate at the commercial scale we can conclude the following individual scientific statements for these two sets in triplicate of Regular and Mendezized® Gold Bars:

1. The Estimated Average Mechanical Hardness/Strength of the three UnMendezized One Ounce Commercial Gold bars, manufactured by three different manufacturers; Credit Suisse bearing serial number 656079, Johnson Matthey bearing serial number A74362 and Engelhard bearing serial number 829483 WAS 110 Mega Pascals versus the three Mendezized® One Ounce Commercial Gold Bars 9999999999,9% pure, manufactured by Mendezized Metals Corporation bearing serial numbers 1001, 1002, and 1003 WAS 7 GIGA Pascals or 7,000 Mega Pascals. The 7,000 Mega Pascals DIVIDED by 110 Mega Pascals, the average Mechanical Hardness/Strength of the regular commercial Gold Bars, gives us a TOTAL of 64 TIMES MORE HARDNESS/STRENGTH versus the Mendezized Commercial Gold Bars. This is about 5 ORDERS of MAGNITUDE GREATER in favor of the three Mendezized® One Ounce Commercial Gold Bars.

2. The EXTRAPOLATION conducted of the three UnMendezized One Ounce Commercial Gold bars, manufactured by three different manufacturers; Credit Suisse bearing serial number 656079, Johnson Matthey bearing serial number A74362, and Engelhard bearing serial number 829483 versus the three Mendezized® One Ounce Commercial Gold Bars 24 Karats 9999999999,9% pure, manufactured by Mendezized Metals Corporation bearing serial numbers 1001, 1002, and 1003 PROVES conclusively at the ATOMIC, NANO, MICRO and



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MACRO/COMMERCIAL LEVEL that the Three Mendezized® One Ounce Commercial Gold Bars 24 Karats 9999999999,9% pure, manufactured by Mendezized Metals Corporation bearing serial numbers 1001, 1002, and 1003 HAVE 64 TIMES Greater MECHANICAL HARDNESS/STRENGTH. The fact that we used commercial UnMendezized Gold Bars from THREE different MANUFACTURERS of Precious Metals; Credit Suisse, Johnson Matthey and Engelhard to conduct these SPM Mechanical measurements on a BLIND TEST BASIS makes these INCREDIBLE results more VALID because the Mechanical measurements obtained from the Commercial Gold bars manufactured by these three different precious metals manufacturers which produce and refine almost 75% of all precious metals worldwide were within a tight RANGE of less than 1% difference which makes these results statistically VALID. Furthermore, the SPM Mechanical measurements obtained with the Three Mendezized® Commercial Gold Bars produced by Mendezized Metals Corporation were also in a tight RANGE of less than 1% difference which also makes these results statistically VALID, and SUPPORTS conclusively that the INDUSTRIAL APPLICATION of the MENDEZATION® PROCESS with PRECIOUS METALS Produces CONSISTENT RESULTS on a COMMERCIALSCALE BASIS.

3. The Estimated Average Mechanical Hardness/Strength for the three Mendezized® One Ounce Commercial Gold Bars 9999999999,9% pure, manufactured by Mendezized Metals Corporation bearing serial numbers 1001, 1002, and 1003 was 7 GIGA Pascals or 7,000 Mega Pascals. The 7,000 Mega Pascals DIVIDED by 400 Mega Pascals, the average Mechanical Hardness/Strength of Commercial Structural ASTM A36 Steel, gives the three Mendezized® Commercial Gold Bars on average a TOTAL of 18 TIMES MORE HARDNESS/STRENGTH than the average COMMERCIAL Structural ASTM A36 Steel with a Hardness/Strength of 400 Mega Pascals; we have included pictures with this report of a commercial sample that complies with ASTM 36 standards.