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Lab Control ID: 24H02410

Received: Jul 18, 2024

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Purchase Order No.

None Received

Customer ID: 05795Z
Account ID: Z06229

Lacey Aday
Red River Creek Mining Group
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ANALYTICAL REPORT

*Report may only be copied in its entirety.
Results reported herein relate only to discrete samples
submitted by the client. Hazen Research, Inc. does not warrant
that the results are representative of anything other than the
samples that were received in the laboratory*

Reviewed and approved by:

A handwritten signature in black ink that reads "Roxanne Sullivan". The signature is written in a cursive style with a horizontal line underneath.

Roxanne Sullivan
Analytical Laboratories Director

ANALYTICAL REPORT

Lacey Aday
 Red River Creek Mining Group

Lab Sample ID	Customer Sample ID	Gold mg/L	Silver mg/L	Palladium mg/L	Platinum mg/L	Rhodium mg/L	Ruthenium mg/L	Iridium mg/L	Osmium mg/L
24H02410-001	RRCM-01194	0.0043	< 0.0002	0.0009	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.001
24H02410-002	RRCM-01195	0.0021	0.0758	0.0854	< 0.0002	0.0003	< 0.0002	< 0.0002	< 0.001
24H02410-003	RRCM-01196	0.1171	0.0667	0.0905	< 0.0002	0.0035	0.0015	< 0.0002	< 0.001
24H02410-004	RRCM-01197	0.0462	0.0044	0.0232	< 0.0002	0.0057	0.0025	< 0.0002	< 0.001
24H02410-005	RRCM-01199	0.0379	0.0048	0.0233	< 0.0002	0.0011	0.0004	< 0.0002	< 0.001
24H02410-006	RRCM-01200	0.231	0.0692	0.0785	< 0.0002	0.0046	0.0020	< 0.0002	< 0.001
24H02410-007	RRCM-01201	0.0254	0.0082	0.0167	< 0.0002	0.0015	0.0006	< 0.0002	< 0.001
24H02410-008	RRCM-01202	0.0220	0.0035	0.0205	< 0.0002	0.0013	0.0004	< 0.0002	< 0.001
24H02410-009	RRCM-01203	0.0346	0.0050	0.0186	< 0.0002	0.0012	0.0004	< 0.0002	< 0.001
24H02410-010	RRCM-01204	0.0277	0.0091	0.0307	< 0.0002	0.0050	0.0021	< 0.0002	< 0.001
24H02410-011	RRCM-01205	0.0378	0.1595	0.167	< 0.0002	0.0021	0.0008	< 0.0002	< 0.001
24H02410-012	RRCM-01206	0.0241	0.0369	0.0658	< 0.0002	0.0053	0.0019	< 0.0002	< 0.001
24H02410-013	RRCM-01207	0.0168	0.0047	0.0270	< 0.0002	0.0022	0.0008	< 0.0002	< 0.001
24H02410-014	RRCM-01208	0.346	0.186	0.193	0.0003	0.0034	0.0015	< 0.0002	< 0.001
24H02410-015	RRCM-01209	0.0865	0.0110	0.0004	< 0.0002	0.0019	0.0006	< 0.0002	< 0.001
24H02410-016	RRCM-01210	0.0400	0.0049	0.0202	< 0.0002	0.0012	0.0004	< 0.0002	< 0.001

Codes: (T) = Total (D) = Dissolved (S) = Suspended (R) = Replicate Sample (AR) = As Received < = Less Than

Original Reported Values from HAZEN										
Lab ID External	Lab ID Internal	DH	Gold mg/L	Silver mg/L	Palladium mg/L	Platinum mg/L	Rhodium mg/L	Ruthenium mg/L	Iridium mg/L	Osmium mg/L
24H02410-001	RRCM-01194	Blank	0.0043	< 0.0002	0.0009	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.001
24H02410-002	RRCM-01195	92 mixed	0.0021	0.0758	0.0854	< 0.0002	0.0003	< 0.0002	< 0.0002	< 0.001
24H02410-003	RRCM-01196	92 mixed	0.1171	0.0667	0.0905	< 0.0002	0.0035	0.0015	< 0.0002	< 0.001
24H02410-004	RRCM-01197	14 mixed	0.0462	0.0044	0.0232	< 0.0002	0.0057	0.0025	< 0.0002	< 0.001
24H02410-005	RRCM-01199	94 mixed	0.0379	0.0048	0.0233	< 0.0002	0.0011	0.0004	< 0.0002	< 0.001
24H02410-006	RRCM-01200	85 mixed	0.231	0.0692	0.0785	< 0.0002	0.0046	0.0020	< 0.0002	< 0.001
24H02410-007	RRCM-01201	90 mixed	0.0254	0.0082	0.0167	< 0.0002	0.0015	0.0006	< 0.0002	< 0.001
24H02410-008	RRCM-01202	128 mixed	0.0220	0.0035	0.0205	< 0.0002	0.0013	0.0004	< 0.0002	< 0.001
24H02410-009	RRCM-01203	71 mixed	0.0346	0.0050	0.0186	< 0.0002	0.0012	0.0004	< 0.0002	< 0.001
24H02410-010	RRCM-01204	113 mixed	0.0277	0.0091	0.0307	< 0.0002	0.0050	0.0021	< 0.0002	< 0.001
24H02410-011	RRCM-01205	97 mixed	0.0378	0.1595	0.167	< 0.0002	0.0021	0.0008	< 0.0002	< 0.001
24H02410-012	RRCM-01206	83 mixed	0.0241	0.0369	0.0658	< 0.0002	0.0053	0.0019	< 0.0002	< 0.001
24H02410-013	RRCM-01207	67 mixed	0.0168	0.0047	0.0270	< 0.0002	0.0022	0.0008	< 0.0002	< 0.001
24H02410-014	RRCM-01208	101 mixed	0.346	0.186	0.193	0.0003	0.0034	0.0015	< 0.0002	< 0.001
24H02410-015	RRCM-01209	51 mixed	0.0865	0.0110	0.0004	< 0.0002	0.0019	0.0006	< 0.0002	< 0.001
24H02410-016	RRCM-01210	79 mixed	0.0400	0.0049	0.0202	< 0.0002	0.0012	0.0004	< 0.0002	< 0.001

Adjusted to PPB and ½ Detection Limit										
Lab ID External	Lab ID Internal		Gold ppb	Silver ppb	Palladium ppb	Platinum ppb	Rhodium ppb	Ruthenium ppb	Iridium ppb	Osmium ppb
24H02410-001	RRCM-01194	Blank	4.3000	0.2000	0.9000	0.2000	0.2000	0.2000	0.2000	1.0
24H02410-002	RRCM-01195	92 mixed	2.1000	75.8000	85.4000	0.2000	0.3	0.2000	0.2000	1.0
24H02410-003	RRCM-01196	92 mixed	117.1000	66.7000	90.5000	0.2000	3.5	0.0015	0.2000	1.0
24H02410-004	RRCM-01197	14 mixed	46.2000	4.4000	23.2000	0.2000	5.7	0.0025	0.2000	1.0
24H02410-005	RRCM-01199	94 mixed	37.9000	4.8000	23.3000	0.2000	1.1	0.0004	0.2000	1.0
24H02410-006	RRCM-01200	85 mixed	231.0000	69.2000	78.5000	0.2000	4.6	0.0020	0.2000	1.0
24H02410-007	RRCM-01201	90 mixed	25.4000	8.2000	16.7000	0.2000	1.5	0.0006	0.2000	1.0
24H02410-008	RRCM-01202	128 mixed	22.0000	3.5000	20.5000	0.2000	1.3	0.0004	0.2000	1.0
24H02410-009	RRCM-01203	71 mixed	34.6000	5.0000	18.6000	0.2000	1.2	0.0004	0.2000	1.0
24H02410-010	RRCM-01204	113 mixed	27.7000	9.1000	30.7000	0.2000	5	0.0021	0.2000	1.0
24H02410-011	RRCM-01205	97 mixed	37.8000	159.5000	167.0000	0.2000	2.1	0.0008	0.2000	1.0
24H02410-012	RRCM-01206	83 mixed	24.1000	36.9000	65.8000	0.2000	5.3	0.0019	0.2000	1.0
24H02410-013	RRCM-01207	67 mixed	16.8000	4.7000	27.0000	0.2000	2.2	0.0008	0.2000	1.0
24H02410-014	RRCM-01208	101 mixed	346.0000	186.0000	193.0000	0.3	3.4	0.0015	0.2000	1.0
24H02410-015	RRCM-01209	51 mixed	86.5000	11.0000	0.4000	0.2000	1.9	0.0006	0.2000	1.0
24H02410-016	RRCM-01210	79 mixed	40.0000	4.9000	20.2000	0.2000	1.2	0.0004	0.2000	1.0

Grades Adjusted for 50 g sample to grams/tonne Dilfactor is 2000 for grams per 50 grams										
Lab ID External	Lab ID Internal		Gold g/tonne	Silver g/tonne	Palladium g/tonne	Platinum g/tonne	Rhodium g/tonne	Ruthenium g/tonne	Iridium g/tonne	Osmium g/tonne
24H02410-001	RRCM-01194	Blank	0.172	0.008	0.036	0.008	0.008	0.008	0.008	0.04
24H02410-002	RRCM-01195	92 mixed	0.084	3.032	3.416	0.008	0.012	0.008	0.008	0.04
24H02410-003	RRCM-01196	92 mixed	4.684	2.668	3.62	0.008	0.14	0.00006	0.008	0.04
24H02410-004	RRCM-01197	14 mixed	1.848	0.176	0.928	0.008	0.228	0.0001	0.008	0.04
24H02410-005	RRCM-01199	94 mixed	1.516	0.192	0.932	0.008	0.044	0.000016	0.008	0.04
24H02410-006	RRCM-01200	85 mixed	9.24	2.768	3.14	0.008	0.184	0.00008	0.008	0.04
24H02410-007	RRCM-01201	90 mixed	1.016	0.328	0.668	0.008	0.06	0.000024	0.008	0.04
24H02410-008	RRCM-01202	128 mixed	0.88	0.14	0.82	0.008	0.052	0.000016	0.008	0.04
24H02410-009	RRCM-01203	71 mixed	1.384	0.2	0.744	0.008	0.048	0.000016	0.008	0.04
24H02410-010	RRCM-01204	113 mixed	1.108	0.364	1.228	0.008	0.2	0.000084	0.008	0.04
24H02410-011	RRCM-01205	97 mixed	1.512	6.38	6.68	0.008	0.084	0.000032	0.008	0.04
24H02410-012	RRCM-01206	83 mixed	0.964	1.476	2.632	0.008	0.212	0.000076	0.008	0.04
24H02410-013	RRCM-01207	67 mixed	0.672	0.188	1.08	0.008	0.088	0.000032	0.008	0.04
24H02410-014	RRCM-01208	101 mixed	13.84	7.44	7.72	0.012	0.136	0.00006	0.008	0.04
24H02410-015	RRCM-01209	51 mixed	3.46	0.44	0.016	0.008	0.076	0.000024	0.008	0.04
24H02410-016	RRCM-01210	79 mixed	1.6	0.196	0.808	0.008	0.048	0.000016	0.008	0.04

Final Adjusted Grades as grams/per tonne assuming homogeneity. Orange cells are assumed as ½ DL

Represents ½ value below reported detection limit.

NEXUS Geos LLC certifies the final calculations based on the following:

1. For Hazen, convert reported results to ppb. PPB = 1000 * mg/L.
 2. Calculate the dilution factor used for the AR extraction. We used 500 ml AR to elute the sample. Then this pregnant solution was further diluted 4-fold. So the DF = 500*4 -> 2000.
 3. Convert the reported results to ppm. PPM = ppb/1000
 4. Adjust the result in ppm by dilution factor. Adj = value from step 4 * DF.
- This number now represents ug/50g, so divide by 50 to get ug/g.
- Since g/tonne is equivalent to ug/g, the estimate of what should be available in a tonne sample is a 1:1 relationship.
- Simplified conversion formula then is:
- Grade (g/tonne) = (ppb result * DL/1000)/extracted sample mass
- Grade (g/tonne) = 2*ppb result/50.

This is to certify that the procedures and calculations utilized are in compliance with industry standards and to the best of my knowledge are correct.

Dr. David M. Richers
Qualified Person
NEXUS Geos LLC
Golden, CO 80401

David M. Richers

SME
Society for
Mining, Metallurgy
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Signature: *David M. Richers*
Date Signed: 12/11/24
Expiration date: 12/25