

CDN Resource Laboratories Ltd.

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REFERENCE MATERIAL: CDN-PGMS-29

Recommended values and the "Between Lab" Two Standard Deviations

<i>Gold</i>	<i>0.088 g/t</i>	\pm	<i>0.014 g/t</i>	<i>Provisional Value</i>	<i>30g FA / ICP or AA</i>
<i>Platinum</i>	<i>0.550 g/t</i>	\pm	<i>0.058 g/t</i>	<i>Certified value</i>	<i>30g FA / ICP or AA</i>
<i>Palladium</i>	<i>0.677 g/t</i>	\pm	<i>0.046 g/t</i>	<i>Certified value</i>	<i>30g FA / ICP or AA</i>
<i>Copper</i>	<i>0.096 %</i>	\pm	<i>0.004 %</i>	<i>Certified value</i>	<i>4-Acid / ICP or AA</i>
<i>Nickel</i>	<i>0.176 %</i>	\pm	<i>0.010 %</i>	<i>Certified value</i>	<i>4-Acid / ICP or AA</i>

PREPARED BY: CDN Resource Laboratories Ltd.

CERTIFIED BY: Duncan Sanderson, B.Sc., Licensed Assayer of British Columbia

INDEPENDENT GEOCHEMIST: Dr. Barry Smee., Ph.D., P. Geo.

DATE OF CERTIFICATION: 9-Oct-15

ORIGIN OF REFERENCE MATERIAL:

The material was sourced from the Drenthe deposit, located on the northern limb of the Bushveld mafic intrusive complex in northern South Africa. The deposit is hosted in the Platreef pyroxenite unit and PGE mineralization is associated with pyrrhotite, chalcopyrite and pentlandite.

METHOD OF PREPARATION:

Reject ore was dried, crushed, pulverized and then passed through a 270 mesh screen. The +270 material was discarded. The -270 material was mixed in a double-cone blender for 5 days. Splits were taken and sent to 15 commercial laboratories for round robin analysis. Round robin results are displayed below:

Approximate chemical composition (by whole rock analysis) is as follows:

	Percent			Percent
SiO ₂	49.2		Na ₂ O	1.1
Al ₂ O ₃	10.6		MgO	16.3
Fe ₂ O ₃	9.7		K ₂ O	0.3
CaO	8.2		TiO ₂	0.2
MnO	0.19		LOI	3.5
Total S	0.5		Total C	0.1

Statistical Procedures:

The final limits were calculated after first determining if all data was compatible within a spread normally expected for similar analytical methods done by reputable laboratories. Data from any one laboratory was removed from further calculations when the mean of all analyses from that laboratory failed a t test of the global means of the other laboratories. The means and standard deviations were calculated using all remaining data. Any analysis that fell outside of the mean ± 2 standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. This method is different from that used by Government agencies in that the actual "between-laboratory" standard deviation is used in the calculations. This produces upper and lower limits that reflect actual individual analyses rather than a grouped set of analyses. The limits can therefore be used to monitor accuracy from individual analyses, unlike the Confidence Limits published on other standards.

Results from round-robin assaying are presented on the following pages:

REFERENCE MATERIAL: CDN-PGMS-29

Assay Procedure: 30g fire assay, AA or ICP finish.

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
SAMPLE	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t	Au g/t
PGMS-29-1	0.091	0.092	0.088	0.089	0.085	0.093	0.110	0.083	0.078	0.093	0.088	0.076	0.092	0.089	0.089
PGMS-29-2	0.079	0.084	0.095	0.086	0.083	0.102	0.100	0.084	0.095	0.097	0.085	0.081	0.081	0.077	0.076
PGMS-29-3	0.093	0.091	0.095	0.084	0.091	0.096	0.100	0.077	0.105	0.091	0.080	0.099	0.102	0.091	0.087
PGMS-29-4	0.090	0.090	0.092	0.086	0.078	0.099	0.110	0.089	0.076	0.095	0.085	0.099	0.083	0.097	0.092
PGMS-29-5	0.095	0.089	0.082	0.084	0.087	0.107	0.090	0.079	0.081	0.089	0.089	0.091	0.080	0.086	0.083
PGMS-29-6	0.078	0.080	0.096	0.080	0.086	0.106	0.100	0.083	0.093	0.094	0.084	0.088	0.073	0.099	0.082
PGMS-29-7	0.103	0.082	0.082	0.098	0.089	0.103	0.100	0.086	0.090	0.094	0.098	0.078	0.089	0.099	0.070
PGMS-29-8	0.086	0.094	0.092	0.084	0.087	0.106	0.090	0.086	0.095	0.099	0.083	0.095	0.076	0.084	0.083
PGMS-29-9	0.083	0.089	0.086	0.089	0.083	0.101	0.120	0.085	0.078	0.094	0.084	0.101	0.085	0.110	0.074
PGMS-29-10	0.090	0.088	0.082	0.081	0.091	0.097	0.100	0.085	0.079	0.089	0.089	0.096	0.075	0.119	0.083
Mean	0.089	0.088	0.089	0.086	0.086	0.101	0.102	0.084	0.087	0.094	0.087	0.090	0.084	0.095	0.082
Std. Dev'n	0.0076	0.0045	0.0057	0.0051	0.0040	0.0047	0.0092	0.0035	0.0099	0.0032	0.0049	0.0092	0.0088	0.0125	0.0068
%RSD	8.56	5.13	6.44	5.93	4.65	4.67	9.01	4.18	11.37	3.43	5.70	10.22	10.58	13.18	8.35
	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t	Pt g/t
PGMS-29-1	0.544	0.538	0.550	0.521	0.557	0.617	0.530	0.498	0.452		0.560	0.555	0.537	0.556	0.596
PGMS-29-2	0.565	0.539	0.530	0.549	0.557	0.612	0.560	0.508	0.506		0.577	0.516	0.556	0.539	0.588
PGMS-29-3	0.544	0.534	0.560	0.538	0.600	0.588	0.580	0.494	0.483		0.547	0.595	0.532	0.573	0.600
PGMS-29-4	0.551	0.519	0.560	0.544	0.578	0.591	0.560	0.520	0.498		0.542	0.607	0.531	0.575	0.594
PGMS-29-5	0.564	0.514	0.540	0.517	0.562	0.578	0.570	0.495	0.476		0.549	0.559	0.532	0.578	0.598
PGMS-29-6	0.542	0.523	0.560	0.527	0.573	0.609	0.570	0.500	0.541		0.553	0.550	0.493	0.563	0.597
PGMS-29-7	0.550	0.491	0.550	0.546	0.539	0.569	0.560	0.516	0.488		0.563	0.555	0.530	0.627	0.582
PGMS-29-8	0.519	0.533	0.540	0.517	0.586	0.617	0.560	0.516	0.509		0.571	0.544	0.493	0.578	0.557
PGMS-29-9	0.524	0.534	0.550	0.533	0.548	0.640	0.520	0.515	0.493		0.547	0.554	0.506	0.609	0.586
PGMS-29-10	0.542	0.553	0.540	0.534	0.561	0.592	0.520	0.510	0.541		0.528	0.565	0.496	0.573	0.599
Mean	0.545	0.528	0.548	0.533	0.566	0.601	0.553	0.507	0.499		0.554	0.560	0.521	0.577	0.590
Std. Dev'n	0.0147	0.0170	0.0103	0.0118	0.0183	0.0214	0.0216	0.0097	0.0275		0.0144	0.0255	0.0219	0.0250	0.0130
%RSD	2.71	3.23	1.88	2.22	3.23	3.56	3.91	1.91	5.52		2.61	4.55	4.21	4.34	2.20
	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t	Pd g/t
PGMS-29-1	0.685	0.681	0.706	0.662	0.688	0.693	0.630	0.654	0.573		0.685	0.699	0.636	0.674	0.689
PGMS-29-2	0.694	0.664	0.714	0.666	0.670	0.692	0.670	0.658	0.646		0.691	0.655	0.670	0.668	0.672
PGMS-29-3	0.674	0.682	0.702	0.662	0.703	0.676	0.680	0.635	0.605		0.675	0.716	0.656	0.670	0.672
PGMS-29-4	0.676	0.696	0.705	0.651	0.701	0.683	0.680	0.664	0.625		0.670	0.727	0.633	0.708	0.713
PGMS-29-5	0.690	0.677	0.704	0.649	0.692	0.725	0.670	0.643	0.636		0.691	0.696	0.654	0.713	0.701
PGMS-29-6	0.680	0.669	0.701	0.652	0.693	0.735	0.690	0.655	0.673		0.706	0.690	0.621	0.692	0.693
PGMS-29-7	0.671	0.634	0.701	0.660	0.682	0.740	0.680	0.661	0.634		0.686	0.661	0.636	0.698	0.655
PGMS-29-8	0.666	0.680	0.695	0.657	0.696	0.709	0.690	0.662	0.638		0.702	0.674	0.601	0.707	0.684
PGMS-29-9	0.685	0.669	0.712	0.656	0.686	0.711	0.660	0.659	0.654		0.678	0.692	0.627	0.678	0.668
PGMS-29-10	0.698	0.680	0.714	0.643	0.690	0.682	0.640	0.659	0.653		0.691	0.690	0.624	0.700	0.669
Mean	0.682	0.673	0.705	0.656	0.690	0.705	0.669	0.655	0.634		0.688	0.690	0.636	0.691	0.682
Std. Dev'n	0.0103	0.0164	0.0063	0.0071	0.0096	0.0230	0.0202	0.0091	0.0281		0.0113	0.0223	0.0199	0.0170	0.0176
%RSD	1.52	2.44	0.89	1.08	1.39	3.26	3.03	1.40	4.43		1.64	3.24	3.13	2.45	2.58

**Notes: Pt data from Lab 9 was excluded for failing the t test.
Lab 10 did not provide data for Pt and Pd.**

REFERENCE MATERIAL: CDN-PGMS-29

Assay Procedure: 4-Acid Digest / AA or ICP finish

	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5	Lab 6	Lab 7	Lab 8	Lab 9	Lab 10	Lab 11	Lab 12	Lab 13	Lab 14	Lab 15
	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %	Cu %
PGMS-29-1	0.097	0.097	0.090	0.093	0.094	0.094	0.098	0.096		0.100	0.097	0.095	0.092	0.094	0.094
PGMS-29-2	0.101	0.096	0.100	0.092	0.093	0.095	0.097	0.093		0.100	0.098	0.092	0.097	0.098	0.094
PGMS-29-3	0.099	0.097	0.090	0.092	0.095	0.094	0.099	0.092		0.100	0.098	0.096	0.098	0.097	0.094
PGMS-29-4	0.098	0.099	0.090	0.093	0.094	0.094	0.099	0.095		0.100	0.098	0.095	0.094	0.098	0.094
PGMS-29-5	0.101	0.096	0.100	0.092	0.093	0.095	0.099	0.095		0.100	0.096	0.093	0.096	0.099	0.094
PGMS-29-6	0.097	0.096	0.090	0.094	0.094	0.094	0.098	0.094		0.100	0.096	0.095	0.095	0.100	0.095
PGMS-29-7	0.098	0.098	0.100	0.092	0.095	0.096	0.100	0.094		0.100	0.095	0.093	0.099	0.098	0.094
PGMS-29-8	0.096	0.098	0.090	0.092	0.095	0.095	0.098	0.093		0.100	0.095	0.095	0.098	0.099	0.094
PGMS-29-9	0.097	0.100	0.100	0.094	0.094	0.095	0.098	0.096		0.100	0.095	0.091	0.089	0.096	0.095
PGMS-29-10	0.097	0.099	0.100	0.093	0.094	0.094	0.097	0.096		0.100	0.097	0.094	0.088	0.095	0.095
Mean	0.098	0.098	0.095	0.093	0.094	0.095	0.098	0.094		0.100	0.096	0.094	0.095	0.097	0.094
Std. Dev'n	0.0017	0.0013	0.0053	0.0008	0.0007	0.0007	0.0010	0.0014		0.0000	0.0011	0.0017	0.0039	0.0020	0.0006
%RSD	1.75	1.29	5.55	0.87	0.78	0.74	1.02	1.49		0.00	1.13	1.85	4.08	2.06	0.59
	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %	Ni %
PGMS-29-1	0.186	0.170	0.170	0.174	0.173	0.172	0.178	0.170		0.180	0.183	0.181	0.167	0.150	0.182
PGMS-29-2	0.189	0.174	0.180	0.172	0.171	0.174	0.177	0.169		0.180	0.184	0.178	0.168	0.161	0.181
PGMS-29-3	0.186	0.172	0.170	0.172	0.173	0.173	0.181	0.167		0.180	0.184	0.180	0.174	0.155	0.182
PGMS-29-4	0.184	0.171	0.170	0.173	0.171	0.171	0.177	0.169		0.180	0.183	0.181	0.167	0.160	0.182
PGMS-29-5	0.188	0.174	0.180	0.174	0.171	0.172	0.179	0.171		0.180	0.181	0.179	0.172	0.167	0.180
PGMS-29-6	0.184	0.175	0.180	0.175	0.172	0.171	0.181	0.167		0.180	0.182	0.182	0.176	0.165	0.180
PGMS-29-7	0.184	0.174	0.170	0.172	0.174	0.173	0.178	0.164		0.170	0.179	0.179	0.173	0.165	0.181
PGMS-29-8	0.182	0.170	0.170	0.172	0.174	0.174	0.178	0.165		0.170	0.182	0.180	0.170	0.166	0.179
PGMS-29-9	0.185	0.169	0.170	0.174	0.171	0.173	0.178	0.171		0.180	0.182	0.176	0.169	0.164	0.178
PGMS-29-10	0.183	0.171	0.170	0.173	0.171	0.173	0.176	0.170		0.180	0.183	0.177	0.165	0.156	0.181
Mean	0.185	0.172	0.173	0.173	0.172	0.173	0.178	0.168		0.178	0.182	0.179	0.170	0.161	0.181
Std. Dev'n	0.0022	0.0021	0.0048	0.0011	0.0013	0.0011	0.0016	0.0024		0.0042	0.0015	0.0019	0.0035	0.0057	0.0012
%RSD	1.18	1.23	2.79	0.65	0.75	0.62	0.92	1.45		2.37	0.82	1.05	2.08	3.55	0.68

Notes: Cu data from Lab 3 was excluded for failing the t test.
Ni data from Lab 14 was excluded for failing the t test.
Lab 9 did not provide Cu, Ni data.

REFERENCE MATERIAL: CDN-PGMS-29

Participating Laboratories:

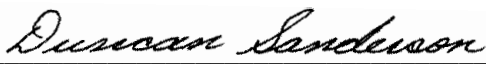
(not in same order as listed in table of results)

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Certified by



Duncan Sanderson, Certified Assayer of B.C.

Geochemist



Barry Smee, Ph.D., P. Geo.