

# CDN Resource Laboratories Ltd.

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## GOLD ORE REFERENCE STANDARD: CDN-GS-1P5B

Recommended value and the "Between Lab" Two Standard Deviations

*Gold concentration: 1.46 ± 0.12 g/t*

**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:** June 1, 2007

### **ORIGIN OF REFERENCE MATERIAL:**

Standard CDN-GS-1P5B was prepared using reject ore material supplied by the Hunter Dickinson Group from the Specogna deposit. The Specogna deposit is a low sulphidation epithermal gold deposit of Miocene age and is localized along the Sandspit fault. Gold bearing breccia, vein and stockwork development occurs along the fault and subsidiary dilational structures extending upward into a thick hanging wall sequence of clastic sediments. Mineralization at Specogna is dominated by pyrite and marcasite which typically comprise 1 to 4% of the host rocks. Gold and silver occur as electrum

### **METHOD OF PREPARATION:**

Reject ore material was dried, crushed, pulverized and then passed through a 200 mesh screen. The +200 material was discarded. The -200 material was mixed for 6 days in a double cone blender. Splits were taken and sent to 12 commercial laboratories for round robin assaying. Round robin results are displayed below:

|           | Lab 1  | Lab 2  | Lab 3  | Lab 4  | Lab 5  | Lab 6  | Lab 7  | Lab 8  | Lab 9  | Lab 10 | Lab 11 | Lab 12 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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 |
| GS1P5B-1  | 1.32   | 1.47   | 1.52   | 1.57   | 1.54   | 1.36   | 1.41   | 1.47   | 1.51   | 1.41   | 1.48   | 1.50   |
| GS1P5B-2  | 1.39   | 1.52   | 1.42   | 1.58   | 1.42   | 1.44   | 1.51   | 1.53   | 1.44   | 1.49   | 1.50   | 1.53   |
| GS1P5B-3  | 1.35   | 1.52   | 1.41   | 1.50   | 1.52   | 1.32   | 1.42   | 1.48   | 1.44   | 1.38   | 1.48   | 1.45   |
| GS1P5B-4  | 1.37   | 1.54   | 1.41   | 1.59   | 1.45   | 1.54   | 1.54   | 1.48   | 1.42   | 1.42   | 1.47   | 1.41   |
| GS1P5B-5  | 1.34   | 1.48   | 1.40   | 1.63   | 1.50   | 1.35   | 1.52   | 1.54   | 1.40   | 1.46   | 1.51   | 1.29   |
| GS1P5B-6  | 1.41   | 1.55   | 1.45   | 1.61   | 1.53   | 1.37   | 1.53   | 1.43   | 1.50   | 1.47   | 1.50   | 1.46   |
| GS1P5B-7  | 1.42   | 1.60   | 1.52   | 1.49   | 1.54   | 1.38   | 1.53   | 1.44   | 1.40   | 1.39   | 1.51   | 1.32   |
| GS1P5B-8  | 1.34   | 1.40   | 1.45   | 1.53   | 1.47   | 1.35   | 1.44   | 1.49   | 1.47   | 1.41   | 1.49   | 1.46   |
| GS1P5B-9  | 1.39   | 1.49   | 1.40   | 1.58   | 1.58   | 1.34   | 1.52   | 1.48   | 1.44   | 1.49   | 1.48   | 1.38   |
| GS1P5B-10 | 1.44   | 1.42   | 1.43   | 1.49   | 1.54   | 1.39   | 1.53   | 1.49   | 1.43   | 1.49   | 1.51   | 1.39   |
| Mean      | 1.38   | 1.50   | 1.44   | 1.56   | 1.51   | 1.38   | 1.50   | 1.48   | 1.45   | 1.44   | 1.49   | 1.42   |
| Std. Dev. | 0.039  | 0.060  | 0.045  | 0.052  | 0.049  | 0.064  | 0.051  | 0.034  | 0.037  | 0.042  | 0.014  | 0.076  |
| %RSD      | 2.87   | 4.02   | 3.12   | 3.33   | 3.24   | 4.61   | 3.39   | 2.29   | 2.56   | 2.90   | 0.92   | 5.36   |

**Note:** results from Lab. 4 were removed as a result of failing the "t" test.

*Assay Procedure: assays were fire assay, AA or ICP finish on 30g samples.*

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### APPROXIMATE CHEMICAL COMPOSITION:

|                                | Percent |                   | Percent |
|--------------------------------|---------|-------------------|---------|
| SiO <sub>2</sub>               | 55.5    | Na <sub>2</sub> O | 2.2     |
| Al <sub>2</sub> O <sub>3</sub> | 15.3    | MgO               | 2.7     |
| Fe <sub>2</sub> O <sub>3</sub> | 8.1     | K <sub>2</sub> O  | 3.1     |
| CaO                            | 4.7     | TiO <sub>2</sub>  | 0.7     |
| MnO                            | 0.1     | LOI               | 5.9     |
| S                              | 1.4     | C                 | 0.9     |

### 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  $\pm 2$  standard deviations was removed from the ensuing data base. The mean and standard deviations were again calculated using the remaining data. Outliers were defined as samples beyond the mean  $\pm 2$  Standard Deviations from all data. These outliers were removed from the data and a new mean and standard deviation was determined. 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.

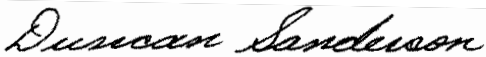
### Participating Laboratories: (not in same order as table of assays)

Acme Analytical Laboratories Ltd., Vancouver  
Assayers Canada Ltd., Vancouver  
ALS Chemex Laboratories, North Vancouver  
Alex Stewart (Assayers) Argentina Ltd.  
Alaska Assay Laboratory, USA  
Genalysis Laboratory Services Pty. Ltd., Australia  
GTK Laboratory, (Geological Survey of Finland)  
OMAC Laboratories Ltd., Ireland  
Skyline Laboratory, Arizona, USA  
TeckCominco (Global Discovery Lab), Vancouver  
TSL Laboratories, Saskatoon  
Ultra Trace Pty. Ltd., Australia


### Legal Notice:

This certificate and the reference material described in it have been prepared with due care and attention. However CDN Resource Laboratories Ltd. nor Barry Smee accept any liability for any decisions or actions taken following the use of the reference material. Our liability is limited solely to the cost of the reference material.

Certified by

  
Duncan Sanderson, Certified Assayer of B.C.

Geochemist

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