

# ASSESSMENT REPORT, 2011 GEOCHEMICAL SAMPLING PROGRAM

## WERG PROPERTY

DAWSON MINING DISTRICT, YUKON, CANADA  
NTS MAP SHEET: 116B/02, 116B/03, NAD83 ZONE 7  
599308 E, 7101979 N (NAD83 zone 7)

### CLAIMS AND OWNER:

Claim Name	Number	Grant Number	Registered Owner
Werg	3-23	YD31133- YD31153	Golden Predator Canada Corp. - 100%
Werg	25-110	YD31155- YD31240	Golden Predator Canada Corp. - 100%
Werg	119-120	YD31249- YD31250	Golden Predator Canada Corp. - 100%
Werg	135-138	YD31265- YD31268	Golden Predator Canada Corp. - 100%
Werg	151	YD31281	Golden Predator Canada Corp. - 100%
Werg	153	YD31283	Golden Predator Canada Corp. - 100%

**PERIOD OF WORK: AUGUST 26 2011**

### OPERATOR:

**GOLDEN PREDATOR CANADA CORP.**

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May 7, 2012

Prepared by:

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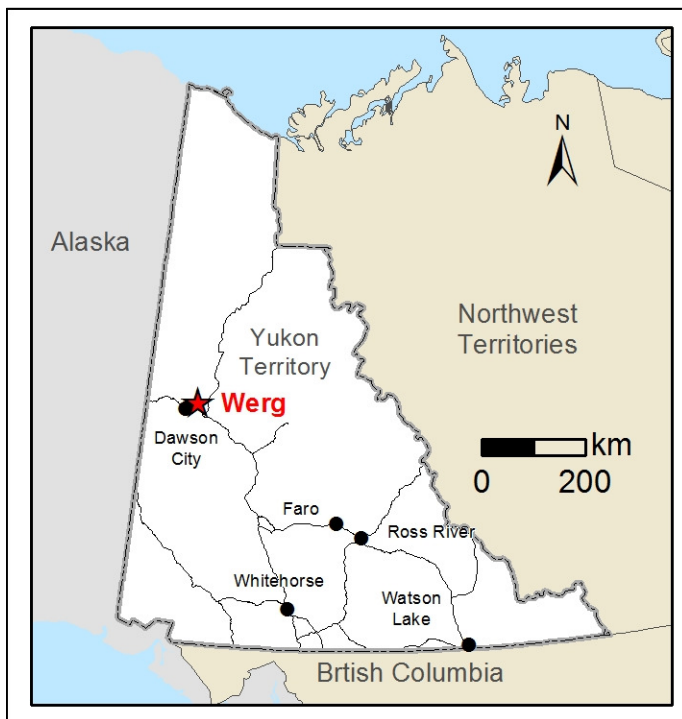
## 1.0 INTRODUCTION

The Werg property consists of 115 contiguous mineral claims covering an area of approximately 24.5km<sup>2</sup>, located in the Klondike Plateau, north-western Yukon. In 2011, Golden Predator Canada Corp. (Golden Predator) staked the claims and owns a 100% unencumbered interest in the property.

This report describes a 1 day, 165 sample, soil program covering a 1.7 x1.6 km grid located in the southern portions of the claim group.

## 2.0 PROPERTY LOCATION AND DESCRIPTION

The property is located in the Klondike Plateau, north-western Yukon. The centre of the property is located at 599308 E, 7101979 N (NAD83 zone 7) on NTS Mapsheet 116B/02 and 116B/03. The nearest settlement is Dawson City, which is located approximately 22 west of the property along North Klondike Highway. (Figure 2-1). It is accessed by 5 minute helicopter trip from Dawson City. The property is located in the Dawson Mining District, and consists of 115 contiguous mineral claims covering an aggregate area of 24.5 km<sup>2</sup> (Table 2-1, Figure 2-2).



**Figure 2.1.** Werg Property Location, Yukon Territory

Table 2.1. Werg claim information

Claim Name	Number	Grant Number	Registered Owner	Expiry Date
Werg	3-23	YD31133- YD31153	Golden Predator Canada Corp. - 100%	17/09/2012
Werg	25-110	YD31155- YD31240	Golden Predator Canada Corp. - 100%	17/09/2012
Werg	119-120	YD31249- YD31250	Golden Predator Canada Corp. - 100%	17/09/2012
Werg	135-138	YD31265- YD31268	Golden Predator Canada Corp. - 100%	17/09/2012
Werg	151	YD31281	Golden Predator Canada Corp. - 100%	17/09/2012
Werg	153	YD31283	Golden Predator Canada Corp. - 100%	17/09/2012

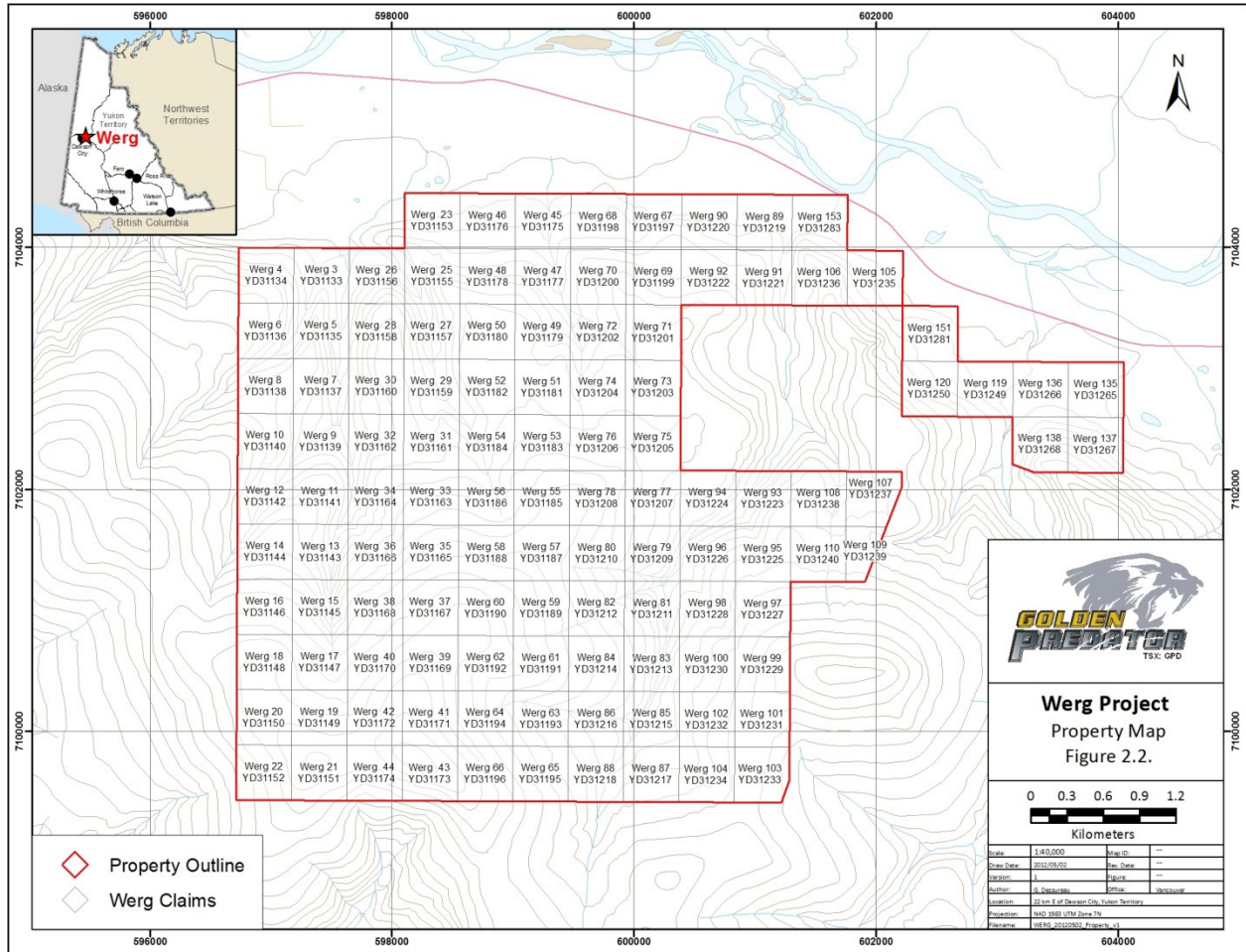


Figure 2.2. Werg Project Claim Map

### 3.0 INFRASTRUCTURE, CLIMATE AND PHYSIOGRAPHY

The Werg Property is located 22 km west of Dawson City Yukon and lies immediately south of the paved, all-weather Klondike highway. Dawson City is serviced daily by air from Whitehorse and is approximately 7 hours driving from Whitehorse.

The property lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. Natural bedrock exposures are rare, and generally restricted to steep slopes, with the effects of surface weathering extending to depths of as much as 80 metres or more. Overburden and regolith material appears to average approximately 1.0 metre in thickness, but is certainly deeper in some spots.

The Werg Property is located at approximately 64° north latitude and is subject to a subarctic climate with average temperatures ranging from 15 °C (60 °F) in July to -26 °C (-16 °F) in

January with temperatures commonly reaching above 30 °C (86 °F) in the summer and below -40 °C (-40 °F) in the winter. Average annual precipitation for Dawson City is approximately 325 mm and annual frost free days is approximately 110 days. South facing slopes are generally snow free from early May, with frost leaving the ground by the middle to end of May. North facing slopes are generally free of snow by mid to end of May, with permafrost often remaining year-round. The property is below tree line, with vegetative cover consisting of variable amounts of spruce, poplar, alder and brush, with brush and stunted spruce trees predominating on north facing slopes, higher elevations and in areas of permafrost or poor drainage, while south facing slopes are generally covered by more mature stands of spruce.

#### **4.0 EXPLORATION HISTORY**

The area currently covered by the Werg claims has seen several generations of relatively small exploration programs beginning in 1976 when Archer Cathro and Associates staked the property for the Ukon Joint Venture (Chevron Canada Ltd. & Kerr Addison Mines Ltd.) who carried out soil geochemical and radiometric surveying later that year. In 1978, the Ukon Joint Venture carried out soil sampling, geological mapping, radiometric surveying, bulldozer trenching and drilled 9 holes (411 m). This early phase of exploration was targeting uranium mineralization associated with the stock, following the discovery of anomalous uranium contents in water of the creeks draining the area.

The area was staked again in 1984 and again in 1988 targeting Au (and Ni) mineralization associated with a mafic-ultramafic intrusion on the northeast portion of the property. Mapping in 1989 outlined an 800 x 700 m quartz-carbonate altered ultramafic body on the northeast part of the property. Rock samples from this unit contained up to 1,336 ppm Ni and 80 ppb Au (Diment R., 1989). The samples with anomalous gold were concentrated along an intensely altered northeast-trending zone.

The property was restaked in 1996 and work focused on the gold potential of the area and Balaclava identified a zone of epithermal style alteration coincident with a vegetative kill zone along the margin of a distinctive aeromagnetic low near the ultramafic body. Geochemical sampling confirmed previous exploration results and returned peak values of 272 ppb Au, 548 ppm As, 6 ppm Bi, 13 ppm Sb and 3 ppm Hg from soil samples although values for gold from rock sampling were generally low (less than 20 ppb).

Results of the 1997 program identified magnetic anomalies and an IP chargeability-resistivity anomaly that is closely coincident with an Au-As-Sb soil anomaly in an area underlain by the ultramafic body near the margin of the Tintina Fault Zone. Extensive and frozen overburden hampered exploration and data interpretation.

Diamond drilling completed in 1998 (seven holes for 375m) showed that low grade gold mineralization is present in the ultramafic rocks.

## **5.0 GEOLOGY**

### **5.1 Regional Geology**

The Werg Property is located in the Yukon-Tanana Terrane and covers layered metamorphic sequences of Permian gneiss, schist, quartzite, with minor metavolcanics. Cretaceous granitic intrusions locally cut the Permian stratigraphy. Tertiary volcanics including rhyolite flows, tuffs, and breccias have also been mapped on the property.

Immediately northeast of the property lies the Tintina Fault zone; a major northwest-trending transverse fault with right-lateral displacement of some 450 kilometers activated during a Jurassic-Cretaceous compressional event.

The Werg Property is located at the eastern margin of the Klondike Gold District, an area that has historically produced over 13,000,000 ounces of gold. While virtually all of this production has come from alluvial placers, no adequate origin has been identified to date for the presumed bedrock source of the gold despite intensive exploration efforts.

### **5.2 Property Geology**

The basement rocks underlying the Werg Property consist of Devonian-Mississippian (Permian) quartz-muscovite-chlorite schist and quartzite with minor graphitic sediments (Mortensen, 1988).

Tertiary (Mid-Eocene) dominantly felsic volcanic rocks have been mapped on the northeastern, and western portion of the property. These volcanics variably altered and brecciated felsic lapilli tuff, volcanic breccia, quartz feldspar porphyry, and intercalated immature siliciclastics.

Mafic-ultramafic units have been mapped on the property and have been interpreted as thrust sheet structurally emplaced on top of the basement rocks (Keyser, 1998). The ultramafics are variably brecciated and altered showing silicification and quartz-calcidony veining. Low grade gold (>200ppb) (arsenic and antimony) is associated with the intensely altered and veined ultramafic rocks.

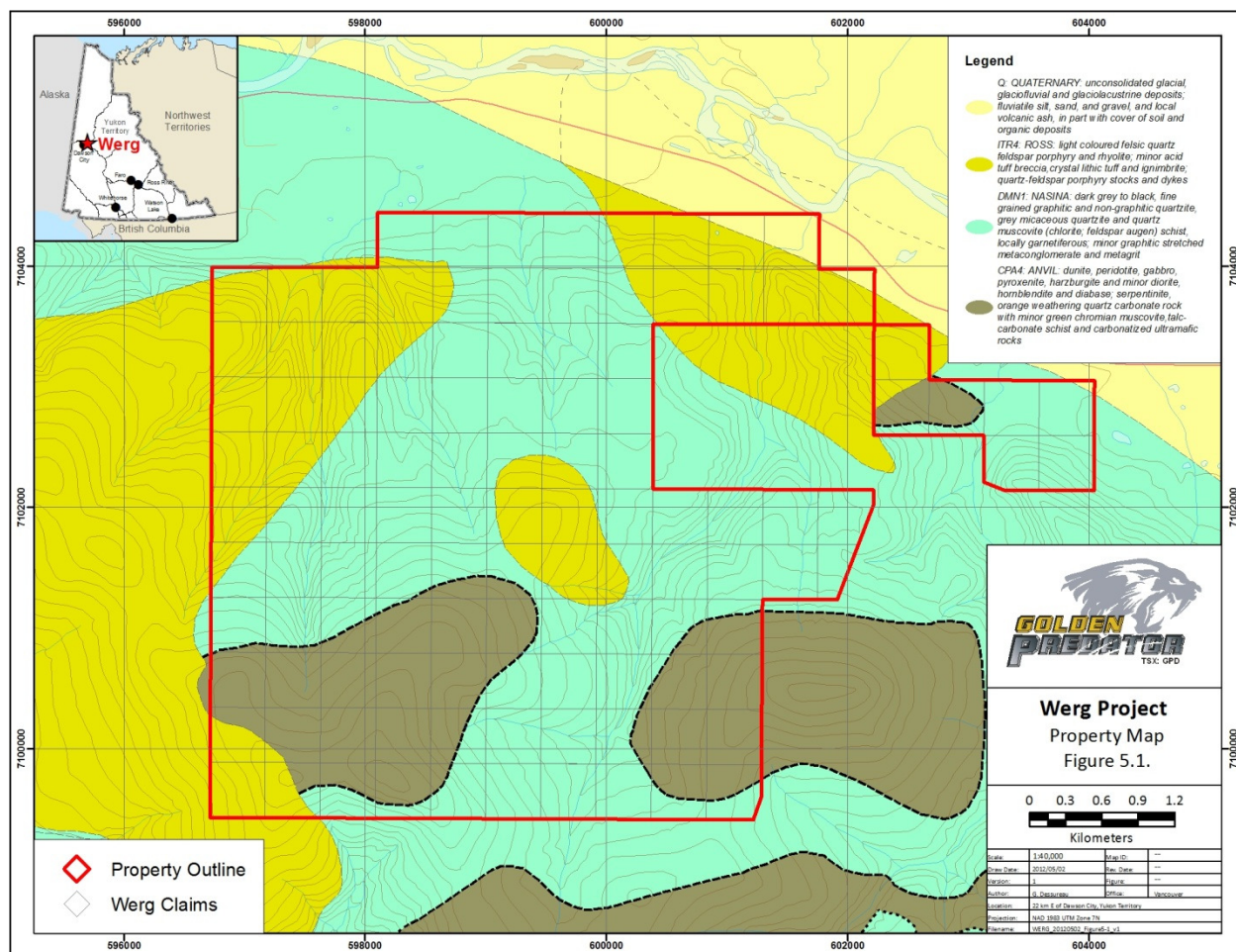


Figure 5.1. Regional Geology Werg Area.

## 6.0 EXPLORATION

### 6.1 Exploration Program

A 5 man field crew access the property for 1 day on August 26, 2011. A total of 153 soil samples were collected at 162 stations. Stations were established along ridge top traverses to cover prospective geology. No sample was collected at 9 stations due to permafrost or lack of suitable material (i.e. bedrock or boulders).

### 6.2 Sampling Methodology and Protocols

Most samples were collected at > 0.4 m depth using hand-held Dutch augers except where soils were very shallow or sparse, such as in boulder fields. Maddocks were employed in areas with thin overburden cover. At each sample station, sample descriptions, UTM co-ordinates and photographs were recorded. Location and observational data were recorded when no sample was collected due to ground conditions (i.e., permafrost or boulder field with insufficient fines).

Soil sample descriptions were recorded on waterproof paper with the following information: geographic location, relief, vegetation, depth of sample, soil horizon, sample color, soil texture and moisture.

Samples were freighted to Acme's ISO 9001 certified preparation facility in Whitehorse, YT and the pulps were analyzed at Acme's ISO 9001 certified laboratory in Vancouver. Samples were dissolved in an aqua regia acid solution and then analyzed by ICP-MS methods (package 1DX2-15g). Acme completes quality assurance/ quality control data verification of their assays through internally inserted duplicates, standards and blanks. Assay certificates are compiled in Appendix 3 and the detailed methodology and detection limits are in Appendix 4.

Soil sample gold values were ranked by percentile to determine statistical anomalies for the property. Black circles plot samples ranking in the lower 50<sup>th</sup> percentile (0.0 - 0.3 ppb), blue circles are samples ranking in the 50<sup>th</sup> - 75<sup>th</sup> percentile (3 - 4.22 ppb), green circles represent samples in the 75<sup>th</sup> - 90<sup>th</sup> percentile (4.22 - 6 ppb), yellow circles indicate 90 - 95<sup>th</sup> percentile (6 - 7.55 ppb), orange 95-98<sup>th</sup> (7.55 - 11.12 ppb) and red circles are the upper 2 percentile (11.22 - 15.55 ppb). Arsenic (As) and Antimony were also ranked and are plotted in Appendix 5.

### **6.3 Results**

Results from the 2011 soil sampling program outline a small zone with weakly anomalous gold (three samples that returned values between 11.23 and 15.55 ppb) associated with the tertiary volcanics on the northwestern portion of the property along with a small zone with very weakly anomalous gold and anomalous As, and Sb associated with the ultramafic unit in the central portion of the property (Figure 6.1 and Appendix 5).

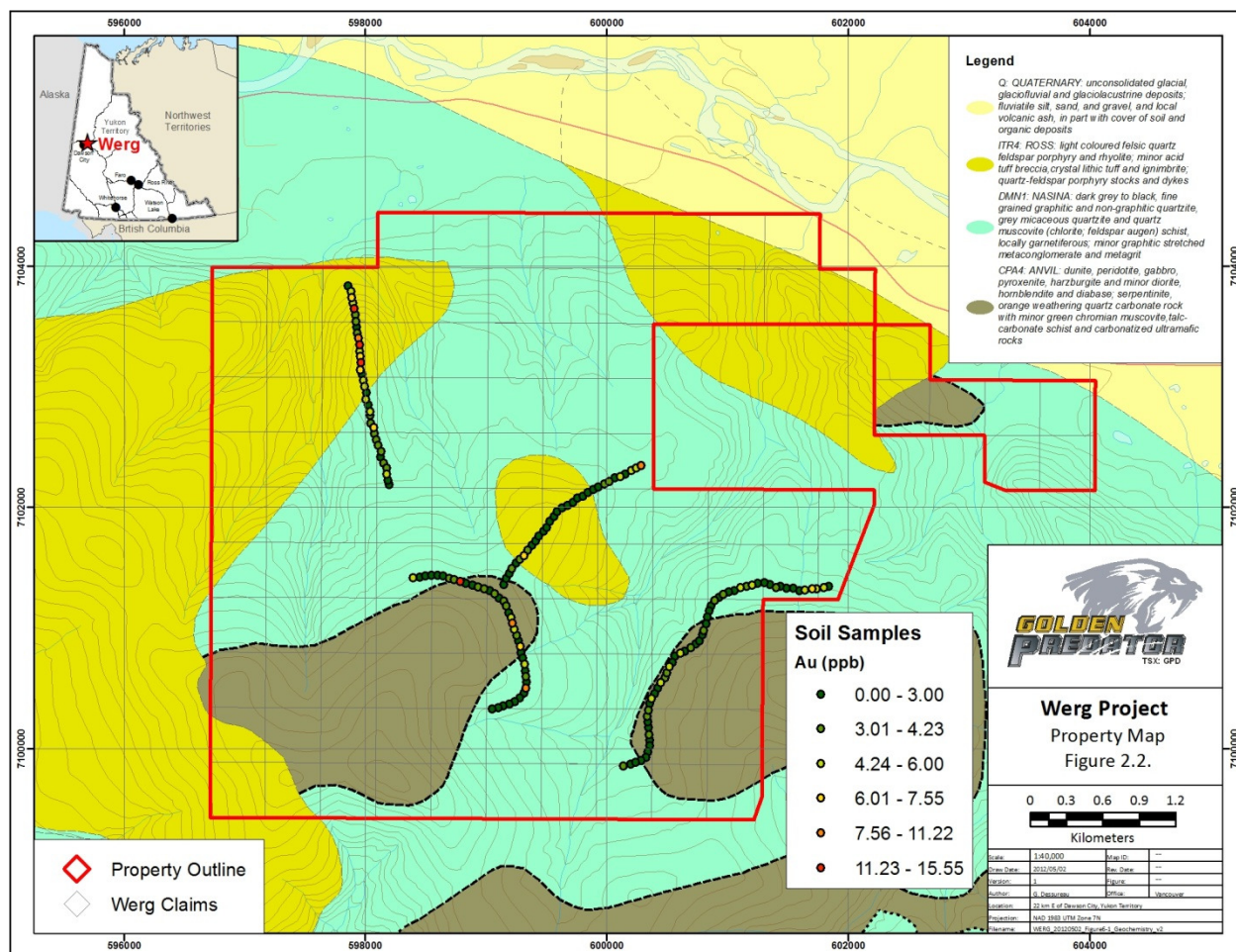


Figure 6.1. Regional Geology of the Werg area showing Au in soils results.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

The Werg property consists of 115 contiguous mineral claims covering an area of approximately 24.5km<sup>2</sup>, located in the Klondike Plateau, north-western Yukon. Golden Predator is exploring the property for structure-hosted, intrusion related gold deposits or epithermal gold deposits.

The 2011 soil program consisted of 153 soil samples collected on several ridgeline traverses southern portion of the claim group. The program identified a small zone of anomalous gold in soils associated with the Tertiary Volcanics on the northwestern portion of the property.

The work completed on the Werg Property for 2011 is insufficient to truly evaluate the property for its gold potential and therefore follow-up work consisting of prospecting and mapping is recommended to investigate the sources of the geochemical anomalies.

## 8.0 2011 EXPENDITURES

Expenditures for the 2011 exploration program were \$11,801.00 as summarized in Table 8-1.

**Table 8-1. 2011 Expenditures**

<b>Expenditure</b>	<b>Cost</b>
<b>Wages</b>	
Fox Exploration	\$ 4,980.00
Report Writing	\$ 2,000.00
<b>Transportation</b>	
Helicopter	\$ 1,485.00
Fuel	\$ 634.50
<b>Samples</b>	
Soil Samples Assay	\$ 2,701.80
<b>Total</b>	<b>\$ 11,801.30</b>
<b>Total Number of Samples</b>	<b>153</b>
<b>Cost Per Sample</b>	<b>\$ 77.13</b>

## **9.0 STATEMENT OF AUTHORSHIP**

This Report titled "Assessment Report, 2011 Geochemical Sampling Program, Werg Project, Dawson City Mining Division, Yukon Territory, Canada", and dated May 2<sup>nd</sup>, 2012 was prepared and signed by the following author:

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Gilles Dessureau, M.Sc., P.Geo.

Dated: May 2<sup>nd</sup>, 2012

Vancouver, British Columbia

## **10.0 REFERENCES**

Diment, R., 1989. Geo-mapping (1:5000) & geochem of rocks for Noranda Exploration. Company Ltd. Yukon Assessment Report #092790

Mortensen, J.K., 1998. Geology of southwestern Dawson map area. 1:250,000 scale mapping. Geological Survey of Canada, Open File 1927

**Appendix 1**  
**Statement of Qualifications**

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### **CERTIFICATE OF AUTHOR**

I, Gilles Dessureau of 11<sup>th</sup> Floor, 888 Dunsmuir, Vancouver, British Columbia, certify that:

1. I graduated from St. Mary's University in Halifax, Nova Scotia with a Bachelor of Science with Honors in Geology in 1998 and I graduated from Laurentian University in Sudbury, Ontario with a Masters of Science in Geology in 2003.
2. I have worked in the mineral exploration industry continuously since 2003, in Ontario, Quebec, British Columbia, and The Yukon Territory, Canada, and intermittently since 1996 in Ontario and Nova Scotia during my education and training.
3. I am a registered member of the Association of Profession Engineers and Geoscientists of British Columbia, since August 2007. Membership number 31462.
4. I have been a full time employee of Golden Predator Canada Corp. since December, 2009.
5. I am author of this Report "Assessment Report, 2011 Geochemical Sampling Program Werg Property, Dawson Mining Division, Yukon, Canada; dated May 7<sup>th</sup>, 2012;" and
6. I have reviewed the geological data and am not aware of any material facts or change in facts at the time this certification is dated.

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Gilles R. Dessureau, M.Sc., P.Geo.

Vancouver, British Columbia  
Dated this 7<sup>th</sup> Day of May, 2012

**Appendix 2**  
**Analytical Summary**

Sample ID	Samp Code	Code Desc	Prog Code	Pref Grid	Pref X	Pref Y	Samp By	Samp Date	Comment	Au (ppm)	Ag (ppm)	Cu (ppm)	As (ppm)	Bi (ppm)	Sb (ppm)
1334489	Soil	Soil	2011	UTM83-7	601839.38	7101346.58	RMtsn	26/08/2011		0.0019	0.1	20.8	8.4	0.1	0.6
1334490	Soil	Soil	2011	UTM83-7	601798.28	7101335.63	RMtsn	26/08/2011		0.0059	0.2	24.1	8.6	0.2	0.7
1334491	Soil	Soil	2011	UTM83-7	601736.91	7101325.62	RMtsn	26/08/2011		0.0049	0.1	20.3	9.2	0.1	0.7
1334492	Soil	Soil	2011	UTM83-7	601700.79	7101324.25	RMtsn	26/08/2011		0.0063	0.05	14.9	6.8	0.1	0.5
1334493	Soil	Soil	2011	UTM83-7	601641.54	7101316.18	RMtsn	26/08/2011		0.0057	0.05	22.4	8.7	0.1	0.7
1334494	Soil	Soil	2011	UTM83-7	601593.29	7101310.65	RMtsn	26/08/2011		0.0012	0.05	16.1	7.7	0.1	0.6
1334495	Soil	Soil	2011	UTM83-7	601544.33	7101331.97	RMtsn	26/08/2011		0.0029	0.1	26	8.5	0.2	0.7
1334496	2-Soil	Duplicate sample	2011	UTM83-7	601544.33	7101331.97	RMtsn	26/08/2011	Duplicate of WP 113	0.0025	0.05	25.8	8.2	0.1	0.7
1334497	Soil	Soil	2011	UTM83-7	601488.48	7101330.27	RMtsn	26/08/2011		0.0022	0.05	14.3	7.6	0.1	0.5
1334498	Soil	Soil	2011	UTM83-7	601437.22	7101346.05	RMtsn	26/08/2011		0.0018	0.05	12.3	6.2	0.1	0.5
1334499	Soil	Soil	2011	UTM83-7	601401.91	7101336.91	RMtsn	26/08/2011		0.004	0.05	15.8	3.7	0.1	0.4
1334500	Soil	Soil	2011	UTM83-7	601350.23	7101360.2	RMtsn	26/08/2011		0.0016	0.05	37.7	4.5	0.1	0.3
1335693	Soil	Soil	2011	UTM83-7	599144.24	7101363.02	NChmb	26/08/2011		0.0024	0.05	61.2	3.5	0.05	0.2
1335694	Soil	Soil	2011	UTM83-7	599164.37	7101409.26	NChmb	26/08/2011		0.0029	0.05	54.7	8.2	0.2	0.3
1335695	Soil	Soil	2011	UTM83-7	599190.68	7101451.5	NChmb	26/08/2011		0.0022	0.05	83.1	2.3	0.1	0.1
1335696	Soil	Soil	2011	UTM83-7	599212.59	7101492.29	NChmb	26/08/2011		0.0035	0.05	31.5	15	0.05	0.3
1335697	Soil	Soil	2011	UTM83-7	599246.98	7101536.97	NChmb	26/08/2011		0.0018	0.05	29.7	1.6	0.05	0.2
1335698	Soil	Soil	2011	UTM83-7	599279.78	7101570.2	NChmb	26/08/2011		0.0037	0.05	330.1	46.6	0.1	0.9
1335699	Soil	Soil	2011	UTM83-7	599314.85	7101602.08	NChmb	26/08/2011		0.0075	0.2	80.3	13.6	0.1	0.3
1335700	Soil	Soil	2011	UTM83-7	599344.86	7101647.19	NChmb	26/08/2011		0.0037	0.05	150.8	11.8	0.1	0.4
1337153	Soil	Soil	2011	UTM83-7	598390.6	7101417	TRead	26/08/2011		0.0049	0.1	33.3	41.4	0.2	0.8
1337154	Soil	Soil	2011	UTM83-7	598447.6	7101423.7	TRead	26/08/2011		0.0015	0.05	48.5	57	0.1	0.4
1337155	Soil	Soil	2011	UTM83-7	598496.36	7101431.16	TRead	26/08/2011		0.0023	0.05	35.6	32.5	0.1	0.4
1337156	Soil	Soil	2011	UTM83-7	598545.6	7101437.17	TRead	26/08/2011		0.0011	0.05	30.8	25.6	0.2	0.5
1337157	Soil	Soil	2011	UTM83-7	598596.6	7101437.34	TRead	26/08/2011		0.0014	0.05	32.7	31.1	0.2	0.5
1337158	Soil	Soil	2011	UTM83-7	598639.99	7101430.46	TRead	26/08/2011		0.0022	0.05	49.5	14.8	0.1	0.4
1337159	Soil	Soil	2011	UTM83-7	598691.05	7101411.68	TRead	26/08/2011		0.0032	0.05	56.7	21.6	0.2	0.4
1337160	Soil	Soil	2011	UTM83-7	598734.5	7101403.13	TRead	26/08/2011		0.0037	0.05	30.1	43.4	0.2	0.6
1337161	Soil	Soil	2011	UTM83-7	598784.46	7101386.65	TRead	26/08/2011		0.0126	0.2	60.1	87.6	0.1	0.3
1337162	Soil	Soil	2011	UTM83-7	598831.35	7101369.63	TRead	26/08/2011		0.0023	0.05	26.7	35.6	0.2	0.5
1337163	Soil	Soil	2011	UTM83-7	598884.62	7101358.28	TRead	26/08/2011		0.0019	0.05	41.3	44.8	0.2	0.6
1337164	Soil	Soil	2011	UTM83-7	598929.95	7101341.32	TRead	26/08/2011		0.0036	0.2	46.5	60	0.2	0.8
1337165	Soil	Soil	2011	UTM83-7	598982.53	7101325.6	TRead	26/08/2011		0.0031	0.05	50	46.1	0.2	0.8

1337166	Soil	Soil	2011	UTM83-7	599027.14	7101311.29	TRead	26/08/2011		0.0021	0.05	73.1	22.7	0.2	0.4
1337167	Soil	Soil	2011	UTM83-7	599066.79	7101282.56	TRead	26/08/2011		0.0023	0.05	52.6	2.7	0.05	0.2
1337168	2-Soil	Duplicate sample	2011	UTM83-7	599066.79	7101282.56	TRead	26/08/2011	Duplicate of WP 82	0.0031	0.05	56.4	5.3	0.05	0.3
1337169	Soil	Soil	2011	UTM83-7	599104.71	7101251.1	TRead	26/08/2011		0.003	0.05	83.4	15.9	0.05	0.5
1337170	Soil	Soil	2011	UTM83-7	599144.81	7101221.93	TRead	26/08/2011		0.0035	0.05	88.7	9.3	0.05	0.3
1337171	Soil	Soil	2011	UTM83-7	599165.66	7101181.34	TRead	26/08/2011		0.0036	0.2	71.9	85.1	0.1	0.8
1337172	Soil	Soil	2011	UTM83-7	599184.72	7101128.09	TRead	26/08/2011		0.0029	0.1	80.7	183	0.2	1
1337173	Soil	Soil	2011	UTM83-7	599206.1	7101086.4	TRead	26/08/2011		0.0058	0.5	41.1	209.1	0.1	2.4
1337174	Soil	Soil	2011	UTM83-7	599217.74	7101041.73	TRead	26/08/2011		0.0089	0.1	27.3	35.5	0.1	2.3
1337175	Soil	Soil	2011	UTM83-7	599232.67	7100989.02	TRead	26/08/2011		0.0059	0.1	80.1	22.9	0.2	1.1
1337176	Soil	Soil	2011	UTM83-7	599249.89	7100941.51	TRead	26/08/2011		0.0036	0.05	45.2	23.8	0.2	0.6
1337177	Soil	Soil	2011	UTM83-7	599266.89	7100891.54	TRead	26/08/2011		0.0023	0.05	68.1	37.5	0.1	0.7
1337178	Soil	Soil	2011	UTM83-7	599282.74	7100846.88	TRead	26/08/2011		0.0066	0.1	29.5	25.8	0.2	0.8
1337179	Soil	Soil	2011	UTM83-7	599288.75	7100797.9	TRead	26/08/2011		0.0009	0.05	37.6	25.2	0.1	0.4
1337180	Soil	Soil	2011	UTM83-7	599302.43	7100750.84	TRead	26/08/2011		0.0007	0.05	19.1	6.8	0.1	0.7
1337181	Soil	Soil	2011	UTM83-7	599317.37	7100697.91	TRead	26/08/2011		0.0052	0.05	13.8	5.1	0.05	0.4
1337182	Soil	Soil	2011	UTM83-7	599322.88	7100646.46	TRead	26/08/2011		0.002	0.05	18.9	6.7	0.1	0.5
1337183	Soil	Soil	2011	UTM83-7	599330.73	7100601.1	TRead	26/08/2011		0.0032	0.05	16.4	4.6	0.1	0.5
1337184	Soil	Soil	2011	UTM83-7	599335.33	7100554.97	TRead	26/08/2011		0.0006	0.05	15.2	6.6	0.1	0.4
1337185	Soil	Soil	2011	UTM83-7	599327.54	7100503.32	TRead	26/08/2011		0.0077	0.05	27.5	10.1	0.2	0.8
1337186	Soil	Soil	2011	UTM83-7	599314.46	7100459.53	TRead	26/08/2011		0.0012	0.05	11.7	3	0.05	0.3
1337187	Soil	Soil	2011	UTM83-7	599276.67	7100421.98	TRead	26/08/2011		0.00025	0.05	8.2	1.5	0.05	0.2
1337188	Soil	Soil	2011	UTM83-7	599237.04	7100391.5	TRead	26/08/2011		0.0019	0.1	15.3	6.3	0.1	0.5
1337189	Soil	Soil	2011	UTM83-7	599191.84	7100371.66	TRead	26/08/2011		0.0007	0.05	15.7	2.5	0.05	0.3
1337190	Soil	Soil	2011	UTM83-7	599141.06	7100353.65	TRead	26/08/2011		0.00025	0.05	10.7	3.6	0.1	0.3
1337191	Soil	Soil	2011	UTM83-7	599101.6	7100337.79	TRead	26/08/2011		0.0007	0.05	63.6	2.6	0.05	0.3
1337192	Soil	Soil	2011	UTM83-7	599049.73	7100329.11	TRead	26/08/2011		0.0006	0.05	44.5	5.1	0.05	0.6
1337469	Soil	Soil	2011	UTM83-7	597882.07	7103791.8	DCghl	26/08/2011		0.0058	0.4	26.7	6.2	0.3	0.5
1337470	Soil	Soil	2011	UTM83-7	597885.91	7103741.42	DCghl	26/08/2011	quartz rocks in c horizon	0.0064	0.05	5.7	3.2	0.05	0.3
1337471	Soil	Soil	2011	UTM83-7	597895.64	7103693.85	DCghl	26/08/2011		0.0056	0.05	5.2	5.9	0.05	0.3
1337472	Soil	Soil	2011	UTM83-7	597905.16	7103647.62	DCghl	26/08/2011		0.0122	0.05	6.7	5.3	0.1	0.3
1337473	Soil	Soil	2011	UTM83-7	597915.3	7103597.52	DCghl	26/08/2011		0.0041	0.05	21.1	11	0.2	0.6
1337474	Soil	Soil	2011	UTM83-7	597918.53	7103541.98	DCghl	26/08/2011		0.0033	0.05	16.8	8.4	0.1	0.7
1337475	Soil	Soil	2011	UTM83-7	597927.61	7103493.44	DCghl	26/08/2011		0.0023	0.05	16.9	10	0.2	0.7
1337476	Soil	Soil	2011	UTM83-7	597931.98	7103445.75	DCghl	26/08/2011		0.0031	0.1	13.4	10.6	0.2	0.6

1337477	Soil	Soil	2011	UTM83-7	597943.09	7103404.14	DCghl	26/08/2011		0.0083	0.2	32.8	18	0.4	1.3
1337478	Soil	Soil	2011	UTM83-7	597948.73	7103346.42	DCghl	26/08/2011		0.0114	0.1	20.5	10.1	0.2	0.6
1337479	Soil	Soil	2011	UTM83-7	597952.97	7103294.51	DCghl	26/08/2011		0.0054	0.1	32.6	14.1	0.3	1
1337480	Soil	Soil	2011	UTM83-7	597955.1	7103251.37	DCghl	26/08/2011		0.0066	0.05	44.1	16.1	0.2	0.8
1337481	Soil	Soil	2011	UTM83-7	597963.53	7103199.95	DCghl	26/08/2011		0.0155	0.05	44.3	15.3	0.3	0.9
1337482	Soil	Soil	2011	UTM83-7	597954.25	7103137.27	DCghl	26/08/2011		0.0069	0.05	41.6	14.5	0.2	0.8
1337483	Soil	Soil	2011	UTM83-7	597972.4	7103102.25	DCghl	26/08/2011		0.0014	0.05	15.2	8.2	0.1	0.5
1337484	Soil	Soil	2011	UTM83-7	597982.47	7103054.15	DCghl	26/08/2011		0.005	0.05	21	9.2	0.2	0.5
1337485	Soil	Soil	2011	UTM83-7	597992	7103000.35	DCghl	26/08/2011		0.0043	0.05	28.9	11.6	0.2	0.8
1337486	Soil	Soil	2011	UTM83-7	598004.56	7102953.04	DCghl	26/08/2011		0.0021	0.05	28.3	12.5	0.2	0.8
1337487	Soil	Soil	2011	UTM83-7	598001.6	7102894.73	DCghl	26/08/2011		0.006	0.05	26.3	11	0.2	0.6
1337488	Soil	Soil	2011	UTM83-7	598020.18	7102848.77	DCghl	26/08/2011		0.0015	0.05	19.8	9.5	0.2	0.6
1337489	Soil	Soil	2011	UTM83-7	598037.27	7102794.5	DCghl	26/08/2011		0.0052	0.1	24.5	11.5	0.2	0.7
1337490	Soil	Soil	2011	UTM83-7	598036.32	7102762.32	DCghl	26/08/2011		0.0042	0.1	24.7	10	0.2	0.7
1337491	Soil	Soil	2011	UTM83-7	598043.89	7102699.93	DCghl	26/08/2011		0.0032	0.05	19.2	8.7	0.2	0.6
1337492	Soil	Soil	2011	UTM83-7	598066.94	7102660.79	DCghl	26/08/2011		0.0061	0.05	33.5	12.8	0.2	0.9
1337493	Soil	Soil	2011	UTM83-7	598074.68	7102609.6	DCghl	26/08/2011		0.0035	0.05	30.1	13.9	0.2	0.9
1337494	Soil	Soil	2011	UTM83-7	598090.02	7102562.7	DCghl	26/08/2011		0.0041	0.05	14.6	11.5	0.2	0.7
1337495	Soil	Soil	2011	UTM83-7	598102.21	7102514.92	DCghl	26/08/2011		0.0032	0.1	30.6	12.4	0.3	0.9
1337496	Soil	Soil	2011	UTM83-7	598130.98	7102464.17	DCghl	26/08/2011		0.0036	0.05	31.8	11.5	0.2	0.9
1337497	Soil	Soil	2011	UTM83-7	598125.92	7102419.42	DCghl	26/08/2011		0.0026	0.05	25.8	12.7	0.3	0.9
1337498	Soil	Soil	2011	UTM83-7	598147.82	7102367.38	DCghl	26/08/2011		0.0042	0.05	32.4	11.1	0.2	0.9
1337499	Soil	Soil	2011	UTM83-7	598196.78	7102188.98	DCghl	26/08/2011		0.0022	0.05	20.2	9.4	0.2	0.6
1337500	2-Soil	Duplicate sample	2011	UTM83-7	598196.77	7102189	DCghl	26/08/2011	Duplicate of WP 1	0.0023	0.05	17.2	8.8	0.2	0.6
1337534	Soil	Soil	2011	UTM83-7	600134.7	7099856.43	ALane	26/08/2011	First sample of the day	0.0035	0.05	20	9.2	0.1	0.6
1337535	Soil	Soil	2011	UTM83-7	600198.5	7099873.38	ALane	26/08/2011		0.0008	0.05	19.1	4.6	0.1	0.4
1337536	Soil	Soil	2011	UTM83-7	600354.63	7100071.52	ALane	26/08/2011	No sample. Permafrost.	0.0025	0.05	21	8.4	0.1	0.7
1337537	Soil	Soil	2011	UTM83-7	600351.97	7100117.83	ALane	26/08/2011		0.0037	0.1	27.2	8.9	0.1	0.6
1337538	Soil	Soil	2011	UTM83-7	600343.95	7100174.98	ALane	26/08/2011		0.0025	0.05	25.7	8.1	0.4	0.6
1337539	Soil	Soil	2011	UTM83-7	600336.89	7100270.18	ALane	26/08/2011		0.0041	0.1	33	10.3	0.4	0.7
1337540	Soil	Soil	2011	UTM83-7	600343.61	7100317.41	ALane	26/08/2011		0.0032	0.1	29.4	9.7	0.3	0.8
1337541	Soil	Soil	2011	UTM83-7	600354.74	7100376.24	ALane	26/08/2011		0.0025	0.05	23.6	9.1	0.2	0.6
1337542	Soil	Soil	2011	UTM83-7	600371.9	7100417.69	ALane	26/08/2011		0.0045	0.05	17	7.5	0.2	0.5
1337543	Soil	Soil	2011	UTM83-7	600422.31	7100503.74	ALane	26/08/2011		0.0027	0.1	29.2	10.2	0.3	0.8
1337544	Soil	Soil	2011	UTM83-7	600445.42	7100545.33	ALane	26/08/2011		0.0046	0.05	12.4	4.9	0.2	0.4

1337545	Soil	Soil	2011	UTM83-7	600480.86	7100587.46	ALane	26/08/2011		0.0041	0.05	19.2	7.3	0.2	0.5
1337546	Soil	Soil	2011	UTM83-7	600497.14	7100628.76	ALane	26/08/2011		0.0038	0.05	22.3	9.2	0.2	0.6
1337547	Soil	Soil	2011	UTM83-7	600519.2	7100677.61	ALane	26/08/2011		0.0048	0.1	26.9	6.6	0.2	0.6
1337548	Soil	Soil	2011	UTM83-7	600562.22	7100765.96	ALane	26/08/2011		0.0017	0.05	11.9	6.7	0.2	0.4
1337549	Soil	Soil	2011	UTM83-7	600607.1	7100790.35	ALane	26/08/2011		0.0055	0.05	18.3	8	0.2	0.5
1337550	Soil	Soil	2011	UTM83-7	600643.18	7100808.04	ALane	26/08/2011		0.0023	0.1	21.5	7.9	0.2	0.5
1337551	Soil	Soil	2011	UTM83-7	601302.88	7101378.31	RMtsn	26/08/2011		0.002	0.05	18.9	11.8	0.2	0.3
1337552	Soil	Soil	2011	UTM83-7	601251.56	7101373.23	RMtsn	26/08/2011		0.0026	0.05	22.6	6.8	0.1	0.3
1337553	Soil	Soil	2011	UTM83-7	601202.62	7101356.76	RMtsn	26/08/2011		0.0045	0.05	18.2	7	0.1	0.4
1337554	Soil	Soil	2011	UTM83-7	601155.66	7101347.51	RMtsn	26/08/2011		0.0038	0.1	14	4.6	0.1	0.3
1337555	Soil	Soil	2011	UTM83-7	601106.46	7101337.58	RMtsn	26/08/2011		0.0047	0.1	12.5	5.4	0.2	0.3
1337556	Soil	Soil	2011	UTM83-7	601057.69	7101312.02	RMtsn	26/08/2011		0.0028	0.05	15.8	6.6	0.2	0.4
1337557	Soil	Soil	2011	UTM83-7	601012.24	7101300.4	RMtsn	26/08/2011		0.0027	0.05	16.5	6.4	0.1	0.5
1337558	Soil	Soil	2011	UTM83-7	600966.12	7101277.75	RMtsn	26/08/2011		0.0033	0.1	18.1	9.9	0.2	0.6
1337559	Soil	Soil	2011	UTM83-7	600926.82	7101256.01	RMtsn	26/08/2011		0.0016	0.05	11.2	6.8	0.1	0.4
1337560	Soil	Soil	2011	UTM83-7	600893.12	7101227.27	RMtsn	26/08/2011		0.0038	0.05	10.3	6	0.1	0.4
1337561	Soil	Soil	2011	UTM83-7	600862	7101185.13	RMtsn	26/08/2011		0.003	0.05	10.5	5.4	0.1	0.4
1337562	Soil	Soil	2011	UTM83-7	600846.81	7101140.83	RMtsn	26/08/2011		0.0026	0.05	17.3	7.2	0.1	0.5
1337563	Soil	Soil	2011	UTM83-7	600833.26	7101090.67	RMtsn	26/08/2011		0.0013	0.05	18.7	8.9	0.1	0.6
1337564	Soil	Soil	2011	UTM83-7	600823.18	7101037.42	RMtsn	26/08/2011		0.0017	0.05	15.4	7.3	0.1	0.5
1337565	Soil	Soil	2011	UTM83-7	600801.3	7100977.69	RMtsn	26/08/2011		0.0037	0.1	17.8	7.4	0.1	0.6
1337601	Soil	Soil	2011	UTM83-7	600695.65	7100839.3	ALane	26/08/2011		0.0031	0.1	23.5	8.6	0.1	0.8
1337602	Soil	Soil	2011	UTM83-7	600735.89	7100867.58	ALane	26/08/2011		0.0023	0.05	20.5	8.1	0.1	0.6
1337603	Soil	Soil	2011	UTM83-7	600765.54	7100895.84	ALane	26/08/2011		0.002	0.05	21.2	7.7	0.1	0.7
1337604	Soil	Soil	2011	UTM83-7	600789.95	7100944.33	ALane	26/08/2011		0.0018	0.05	24.5	9.5	0.1	0.6
1337651	Soil	Soil	2011	UTM83-7	599380.08	7101684.44	NChmb	26/08/2011		0.0024	0.1	11.4	8.7	0.2	0.4
1337652	Soil	Soil	2011	UTM83-7	599407.66	7101722.43	NChmb	26/08/2011		0.0022	0.2	15.4	9.2	0.3	0.4
1337653	Soil	Soil	2011	UTM83-7	599436.86	7101764.31	NChmb	26/08/2011		0.0006	0.05	2.2	6.7	0.4	0.1
1337654	Soil	Soil	2011	UTM83-7	599473.64	7101801.94	NChmb	26/08/2011		0.0014	0.05	8.7	5.8	0.2	0.3
1337655	Soil	Soil	2011	UTM83-7	599503.4	7101835.97	NChmb	26/08/2011		0.0006	0.05	3.4	3.2	0.3	0.2
1337656	Soil	Soil	2011	UTM83-7	599528.62	7101883.72	NChmb	26/08/2011		0.0023	0.05	7	5.5	0.4	0.3
1337657	Soil	Soil	2011	UTM83-7	599560.95	7101924.53	NChmb	26/08/2011		0.00025	0.05	21	2.8	0.05	0.1
1337658	Soil	Soil	2011	UTM83-7	599587.46	7101966.69	NChmb	26/08/2011	Large quartz outcrop	0.0015	0.05	14.5	36.4	0.05	0.5
1337659	Soil	Soil	2011	UTM83-7	599627.91	7101993.97	NChmb	26/08/2011	More quartz outcrops	0.0011	0.05	32.1	9.8	0.1	0.4
1337660	Soil	Soil	2011	UTM83-7	599674.17	7102017.2	NChmb	26/08/2011		0.0014	0.05	20.2	10.3	0.05	0.3

1337661	Soil	Soil	2011	UTM83-7	599717.99	7102044.37	NChmb	26/08/2011	Bedrock at 15cm	0.0009	0.2	15.6	7.3	0.2	0.3
1337662	Soil	Soil	2011	UTM83-7	599757.07	7102075.01	NChmb	26/08/2011		0.001	0.05	16.6	5	0.05	0.2
1337663	Soil	Soil	2011	UTM83-7	599802.92	7102094.02	NChmb	26/08/2011		0.0013	0.05	21.3	3.4	0.05	0.1
1337664	Soil	Soil	2011	UTM83-7	599842.64	7102121.44	NChmb	26/08/2011		0.00025	0.05	74.1	19.6	0.4	0.2
1337665	Soil	Soil	2011	UTM83-7	599889.1	7102149.41	NChmb	26/08/2011		0.001	0.05	9.5	3	0.2	0.1
1337666	Soil	Soil	2011	UTM83-7	599929.82	7102169.34	NChmb	26/08/2011		0.003	0.05	25.1	13.4	0.3	0.7
1337667	Soil	Soil	2011	UTM83-7	599978.7	7102192.97	NChmb	26/08/2011		0.0031	0.05	41.7	11.3	0.2	0.8
1337668	Soil	Soil	2011	UTM83-7	600021.1	7102216.47	NChmb	26/08/2011		0.0034	0.05	38.4	7.7	0.2	0.7
1337669	Soil	Soil	2011	UTM83-7	600064.8	7102242.7	NChmb	26/08/2011		0.0016	0.05	38.7	9.2	0.2	0.8
1337670	2-Soil	Duplicate sample	2011	UTM83-7	600064.84	7102242.71	NChmb	26/08/2011	Duplicate of WP 62	0.0012	0.05	40.9	8.5	0.2	0.6
1337671	Soil	Soil	2011	UTM83-7	600108.67	7102255.9	NChmb	26/08/2011		0.0054	0.1	25.7	8.4	0.2	0.5
1337672	Soil	Soil	2011	UTM83-7	600152.95	7102275.7	NChmb	26/08/2011		0.0022	0.05	26.3	9.7	0.2	1
1337673	Soil	Soil	2011	UTM83-7	600204.25	7102308.28	NChmb	26/08/2011		0.0043	0.05	24.7	9.7	0.1	0.6
1337674	Soil	Soil	2011	UTM83-7	600243.78	7102323.97	NChmb	26/08/2011		0.0051	0.05	23.2	9.8	0.2	0.7
1337675	Soil	Soil	2011	UTM83-7	600283.54	7102347.25	NChmb	26/08/2011		0.0096	0.05	23.2	9.9	0.2	0.6
1337751	Soil	Soil	2011	UTM83-7	598187.19	7102226.67	DCghl	26/08/2011		0.003	0.05	14.4	6.6	0.1	0.4
1337752	Soil	Soil	2011	UTM83-7	598176.09	7102275.51	DCghl	26/08/2011		0.006	0.1	24.1	8.3	0.2	0.8
1337753	Soil	Soil	2011	UTM83-7	598177	7102325.43	DCghl	26/08/2011		0.0037	0.1	30.6	12.3	0.2	1
2258	Obsrv	No sample	2011	UTM83-7	597852.94	7103836.48	DCghl	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2259	Obsrv	No sample	2011	UTM83-7	600541.63	7100717.91	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2260	Obsrv	No sample	2011	UTM83-7	600395.95	7100456.55	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2261	Obsrv	No sample	2011	UTM83-7	600341.42	7100220.13	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2262	Obsrv	No sample	2011	UTM83-7	600355.03	7100022.51	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2263	Obsrv	No sample	2011	UTM83-7	600338.8	7099975.22	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2264	Obsrv	No sample	2011	UTM83-7	600322.57	7099927.93	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2265	Obsrv	No sample	2011	UTM83-7	600285.58	7099902.29	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A
2266	Obsrv	No sample	2011	UTM83-7	600237.64	7099888.08	ALane	26/08/2011	No sample. Permafrost.	N/A	N/A	N/A	N/A	N/A	N/A

**Appendix 3**  
**Assay Certificates**



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

**Client:** Golden Predator Canada Corp.  
11th Floor, 888 Dunsmuir Street  
Vancouver BC V6C 3K4 Canada

Submitted By: Hugh Baker  
Receiving Lab: Canada-Dawson City  
Received: August 30, 2011  
Report Date: September 17, 2011  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

DAW11000244.1

### CLIENT JOB INFORMATION

Project: WERG  
Shipment ID: BRC-4  
P.O. Number  
Number of Samples: 157

### SAMPLE DISPOSAL

RTRN-PLP Return  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Golden Predator Canada Corp.  
11th Floor, 888 Dunsmuir Street  
Vancouver BC V6C 3K4  
Canada

CC: Andrew Caldwell  
Jack Cote

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	157	Dry at 60C			DAW
SS80	157	Dry at 60C sieve 100g to -80 mesh			DAW
iDX2	157	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.  
\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Client: **Golden Predator Canada Corp.**  
11th Floor, 888 Dunsmuir Street  
Vancouver BC V6C 3K4 Canada

Project: WERG  
Report Date: September 17, 2011

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CERTIFICATE OF ANALYSIS

DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1337153	Soil			1.2	33.3	13.2	64	0.1	42.4	11.6	408	2.71	41.4	4.9	4.3	23	0.2	0.8	0.2	49	0.38	0.055	15
1337154	Soil			0.9	48.5	11.8	81	<0.1	53.5	16.0	573	3.17	57.0	1.5	4.7	23	0.1	0.4	0.1	55	0.44	0.072	21
1337155	Soil			0.9	35.6	9.9	55	<0.1	35.9	10.7	352	2.66	32.5	2.3	4.2	21	0.1	0.4	0.1	55	0.30	0.035	17
1337156	Soil			1.1	30.8	10.6	54	<0.1	31.3	10.5	310	2.55	25.6	1.1	4.2	19	0.1	0.5	0.2	53	0.31	0.031	15
1337157	Soil			0.9	32.7	8.3	50	<0.1	30.9	12.0	432	2.76	31.1	1.4	3.6	19	<0.1	0.5	0.2	57	0.32	0.046	13
1337158	Soil			0.8	49.5	4.8	53	<0.1	37.2	14.0	354	3.14	14.8	2.2	2.2	22	<0.1	0.4	0.1	53	0.41	0.061	8
1337159	Soil			0.5	56.7	5.2	69	<0.1	45.5	22.2	775	4.51	21.6	3.2	2.6	23	<0.1	0.4	0.2	81	0.53	0.103	10
1337160	Soil			0.9	30.1	9.6	55	<0.1	36.6	8.6	256	2.51	43.4	3.7	4.6	18	<0.1	0.6	0.2	49	0.22	0.034	15
1337161	Soil			0.5	60.1	5.0	80	0.2	53.6	24.8	1276	4.48	87.6	12.6	2.1	28	0.2	0.3	0.1	69	0.52	0.133	7
1337162	Soil			0.8	26.7	8.4	46	<0.1	34.6	8.5	296	2.25	35.8	2.3	4.4	19	<0.1	0.5	0.2	44	0.24	0.041	16
1337163	Soil			1.2	41.3	11.8	55	<0.1	49.7	11.2	279	2.75	44.8	1.9	4.3	27	<0.1	0.6	0.2	59	0.36	0.050	16
1337164	Soil			1.2	48.5	13.4	64	0.2	73.9	13.5	456	3.05	60.0	3.6	5.2	25	0.1	0.8	0.2	60	0.33	0.059	18
1337165	Soil			1.0	50.0	13.2	61	<0.1	86.2	14.4	596	3.17	46.1	3.1	5.2	22	<0.1	0.8	0.2	62	0.30	0.047	20
1337166	Soil			0.8	73.1	11.4	86	<0.1	69.0	13.4	843	3.26	22.7	2.1	8.4	13	<0.1	0.4	0.2	34	0.18	0.046	29
1337167	Soil			0.4	52.6	2.0	78	<0.1	50.8	31.1	847	5.35	2.7	2.3	0.9	26	<0.1	0.2	<0.1	100	0.61	0.133	4
1337168	Soil			0.6	56.4	4.1	70	<0.1	44.7	23.5	620	4.47	5.3	3.1	1.9	21	<0.1	0.3	<0.1	77	0.42	0.075	7
1337169	Soil			0.8	83.4	6.4	90	<0.1	67.2	25.8	1088	5.86	15.9	3.0	5.7	14	<0.1	0.5	<0.1	52	0.25	0.091	25
1337170	Soil			0.6	88.7	5.5	83	<0.1	102.6	24.6	1037	5.11	9.3	3.5	4.8	15	<0.1	0.3	<0.1	97	0.34	0.085	16
1337171	Soil			0.9	71.9	9.7	84	0.2	81.0	18.2	1220	3.71	85.1	3.6	5.4	20	0.2	0.8	0.1	59	0.38	0.074	23
1337172	Soil			1.0	80.7	14.4	88	0.1	115.8	20.2	1203	3.89	183.0	2.9	7.7	23	0.2	1.0	0.2	54	0.35	0.087	29
1337173	Soil			1.0	41.1	18.4	61	0.5	734.9	49.3	827	4.07	209.1	5.8	2.9	16	0.2	2.4	0.1	64	0.26	0.033	11
1337174	Soil			0.7	27.3	12.5	40	0.1	605.1	34.6	435	3.26	35.5	8.9	3.3	15	0.1	2.3	0.1	48	0.27	0.022	13
1337175	Soil			1.0	80.1	13.3	47	0.1	458.9	32.7	571	3.47	22.9	5.9	3.3	15	<0.1	1.1	0.2	65	0.21	0.023	12
1337176	Soil			0.8	45.2	10.7	46	<0.1	313.6	25.3	631	3.41	23.8	3.6	3.3	16	0.1	0.6	0.2	76	0.24	0.027	12
1337177	Soil			0.6	68.1	8.7	46	<0.1	172.5	20.2	408	2.89	37.5	2.3	3.6	18	0.2	0.7	0.1	58	0.27	0.038	13
1337178	Soil			0.9	29.5	9.6	59	0.1	169.9	18.1	488	2.96	25.8	6.6	4.0	25	0.1	0.8	0.2	55	0.36	0.058	13
1337179	Soil			0.5	37.6	5.5	39	<0.1	150.8	23.2	443	3.79	25.2	0.9	1.2	18	<0.1	0.4	0.1	118	0.36	0.017	3
1337180	Soil			0.8	19.1	8.3	39	<0.1	33.4	13.5	294	2.74	6.8	0.7	3.2	18	<0.1	0.7	0.1	57	0.27	0.030	10
1337181	Soil			0.6	13.8	6.4	31	<0.1	24.8	10.5	190	2.18	5.1	5.2	2.7	14	<0.1	0.4	<0.1	43	0.21	0.017	9
1337182	Soil			0.7	18.9	8.1	36	<0.1	21.0	9.0	214	2.31	6.7	2.0	3.6	14	<0.1	0.5	0.1	48	0.15	0.012	13

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 11th Floor, 888 Dunsmuir Street  
 Vancouver BC V6C 3K4 Canada

Project: WERG  
 Report Date: September 17, 2011

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CERTIFICATE OF ANALYSIS

DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.06	1	0.6	0.2
1337153	Soil			52	0.57	368	0.043	<1	1.43	0.009	0.05	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1337154	Soil			63	0.83	261	0.050	<1	1.77	0.006	0.06	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1337155	Soil			47	0.64	304	0.070	<1	1.62	0.010	0.05	0.2	0.03	4.2	<0.1	<0.05	5	0.8	<0.2
1337156	Soil			46	0.80	329	0.058	1	1.58	0.010	0.04	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1337157	Soil			48	0.65	293	0.050	<1	1.54	0.009	0.04	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1337158	Soil			72	0.84	275	0.102	<1	1.67	0.007	0.08	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1337159	Soil			65	1.12	282	0.070	2	2.10	0.006	0.04	<0.1	<0.01	6.1	<0.1	<0.05	6	<0.5	<0.2
1337160	Soil			49	0.55	293	0.058	<1	1.37	0.009	0.04	0.2	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
1337161	Soil			77	0.92	405	0.071	<1	1.87	0.005	0.30	<0.1	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1337162	Soil			55	0.46	321	0.050	<1	1.26	0.009	0.04	0.1	0.02	3.3	<0.1	<0.05	4	0.8	<0.2
1337163	Soil			74	0.57	345	0.080	<1	1.71	0.013	0.05	0.2	0.03	4.1	<0.1	<0.05	5	0.5	<0.2
1337164	Soil			95	0.70	320	0.053	<1	1.69	0.011	0.06	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1337165	Soil			95	0.76	413	0.050	<1	1.81	0.013	0.05	0.1	0.04	5.2	<0.1	<0.05	5	0.5	<0.2
1337166	Soil			51	0.64	424	0.016	<1	1.38	0.003	0.05	<0.1	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1337167	Soil			57	1.44	175	0.087	<1	2.49	0.005	0.12	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
1337168	Soil			58	1.17	235	0.109	<1	2.33	0.006	0.09	<0.1	0.02	4.5	<0.1	<0.05	5	0.6	<0.2
1337169	Soil			58	0.61	454	0.005	<1	1.34	0.004	0.07	<0.1	0.03	12.4	<0.1	<0.05	4	0.7	<0.2
1337170	Soil			138	1.83	390	0.021	<1	2.62	0.004	0.05	<0.1	0.02	9.1	<0.1	<0.05	8	0.5	<0.2
1337171	Soil			69	0.85	396	0.023	<1	1.64	0.006	0.04	0.1	0.03	5.4	<0.1	<0.05	5	0.8	<0.2
1337172	Soil			91	1.17	391	0.016	<1	1.79	0.005	0.05	0.1	0.03	4.7	<0.1	<0.05	5	1.0	<0.2
1337173	Soil			495	3.07	266	0.030	3	1.59	0.009	0.04	0.2	0.04	7.6	<0.1	<0.05	4	0.5	<0.2
1337174	Soil			302	2.08	299	0.043	5	1.52	0.010	0.04	0.3	0.03	5.0	<0.1	<0.05	4	0.6	<0.2
1337175	Soil			309	2.43	295	0.044	1	1.88	0.010	0.04	0.1	0.03	6.8	<0.1	<0.05	5	0.5	<0.2
1337176	Soil			366	2.35	271	0.044	1	1.95	0.010	0.04	0.1	0.04	7.6	<0.1	<0.05	4	0.9	<0.2
1337177	Soil			261	1.12	298	0.040	<1	1.63	0.008	0.03	0.2	0.07	5.4	<0.1	<0.05	4	1.0	<0.2
1337178	Soil			302	1.09	314	0.046	1	1.56	0.011	0.04	0.2	0.05	5.5	<0.1	<0.05	4	<0.5	<0.2
1337179	Soil			238	2.29	218	0.057	1	2.49	0.006	0.05	<0.1	0.03	13.3	<0.1	<0.05	7	<0.5	<0.2
1337180	Soil			60	1.07	248	0.059	<1	1.76	0.008	0.03	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1337181	Soil			42	0.76	215	0.044	<1	1.47	0.005	0.02	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1337182	Soil			36	0.60	245	0.050	<1	1.50	0.007	0.03	<0.1	0.02	3.6	<0.1	<0.05	4	0.6	<0.2

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CERTIFICATE OF ANALYSIS

DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm			
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1337183	Soil			0.7	18.4	5.9	29	<0.1	24.7	10.6	215	2.23	4.6	3.2	2.9	15	<0.1	0.5	0.1	44	0.22	0.009	10
1337184	Soil			0.8	15.2	8.0	36	<0.1	18.7	8.1	200	2.30	6.6	0.6	3.5	11	<0.1	0.4	0.1	47	0.12	0.011	11
1337185	Soil			1.0	27.5	10.1	43	<0.1	25.0	11.0	304	2.72	10.1	7.7	4.7	16	<0.1	0.8	0.2	56	0.18	0.012	15
1337186	Soil			0.4	11.7	4.1	21	<0.1	43.4	19.7	311	3.14	3.0	1.2	1.2	13	<0.1	0.3	<0.1	58	0.28	0.006	5
1337187	Soil			0.2	8.2	1.8	14	<0.1	33.9	21.8	392	2.99	1.5	<0.5	0.7	7	<0.1	0.2	<0.1	41	0.24	0.004	3
1337188	Soil			0.9	15.3	7.8	35	0.1	26.0	12.7	339	3.27	6.3	1.9	2.6	12	<0.1	0.5	0.1	75	0.15	0.020	9
1337189	Soil			0.3	15.7	2.5	20	<0.1	52.4	23.1	581	3.95	2.5	0.7	1.0	13	<0.1	0.3	<0.1	83	0.25	0.010	3
1337190	Soil			0.8	10.7	6.4	33	<0.1	21.7	9.3	275	2.53	3.6	<0.5	1.7	12	0.1	0.3	0.1	55	0.17	0.023	9
1337191	Soil			0.4	63.6	3.0	49	<0.1	64.2	25.2	607	4.01	2.6	0.7	1.1	14	<0.1	0.3	<0.1	78	0.27	0.008	4
1337192	Soil			0.7	44.5	6.1	40	<0.1	40.0	20.2	430	3.15	5.1	0.6	2.2	20	<0.1	0.6	<0.1	60	0.31	0.020	9
1337551	Soil			0.8	18.9	11.8	46	<0.1	33.6	5.5	180	2.19	11.8	2.0	5.4	9	<0.1	0.3	0.2	37	0.10	0.016	17
1337552	Soil			0.8	22.6	8.4	54	<0.1	24.3	7.4	292	2.83	6.8	2.6	2.3	13	<0.1	0.3	0.1	57	0.18	0.032	14
1337553	Soil			0.8	18.2	10.2	51	<0.1	20.9	7.2	238	2.59	7.0	4.5	3.3	11	<0.1	0.4	0.1	49	0.15	0.023	12
1337554	Soil			0.7	14.0	8.3	39	0.1	16.3	5.8	173	2.06	4.6	3.8	4.5	14	<0.1	0.3	0.1	37	0.18	0.020	14
1337555	Soil			0.9	12.5	9.1	35	0.1	17.7	4.1	100	1.67	5.4	4.7	4.6	14	<0.1	0.3	0.2	30	0.17	0.034	14
1337556	Soil			0.8	15.8	8.7	45	<0.1	27.7	6.6	153	2.05	6.6	2.8	4.3	18	<0.1	0.4	0.2	36	0.26	0.043	15
1337557	Soil			0.8	16.5	8.4	44	<0.1	31.1	6.6	172	1.91	6.4	2.7	3.1	20	0.1	0.5	0.1	33	0.30	0.054	15
1337558	Soil			1.1	18.1	10.0	56	0.1	37.4	13.1	632	2.42	9.9	3.3	3.9	24	0.2	0.6	0.2	37	0.37	0.063	14
1337559	Soil			0.9	11.2	7.4	40	<0.1	13.8	4.7	113	1.90	6.8	1.6	2.7	14	<0.1	0.4	0.1	35	0.20	0.037	9
1337560	Soil			0.8	10.3	6.5	36	<0.1	13.0	4.6	127	1.66	6.0	3.8	2.8	14	<0.1	0.4	0.1	29	0.21	0.040	10
1337561	Soil			0.7	10.5	6.0	34	<0.1	13.9	4.5	129	1.57	5.4	3.0	2.6	18	0.1	0.4	0.1	30	0.28	0.042	10
1337562	Soil			0.9	17.3	7.0	45	<0.1	21.2	7.2	401	1.82	7.2	2.6	3.0	21	0.2	0.5	0.1	29	0.37	0.055	11
1337563	Soil			0.9	18.7	8.0	43	<0.1	20.4	8.0	205	2.07	8.9	1.3	3.1	17	0.2	0.6	0.1	35	0.27	0.050	10
1337564	Soil			0.7	15.4	6.6	37	<0.1	17.4	5.9	203	1.81	7.3	1.7	3.1	16	<0.1	0.5	0.1	32	0.22	0.049	11
1337565	Soil			0.9	17.8	7.2	64	0.1	26.0	7.6	390	1.93	7.4	3.7	3.1	36	0.3	0.6	0.1	34	0.72	0.071	12
1334489	Soil			1.0	20.8	8.9	52	0.1	20.6	8.1	302	2.18	8.4	1.9	3.8	27	<0.1	0.6	0.1	38	0.44	0.053	13
1334490	Soil			1.1	24.1	9.4	60	0.2	23.5	8.6	366	2.18	8.6	5.9	3.3	32	0.3	0.7	0.2	39	0.58	0.063	13
1334491	Soil			0.9	20.3	8.3	55	0.1	47.7	9.9	427	2.23	9.2	4.9	4.2	23	0.1	0.7	0.1	39	0.35	0.065	15
1334492	Soil			1.0	14.9	6.9	40	<0.1	16.5	5.5	149	1.84	6.8	6.3	2.9	18	0.1	0.5	0.1	34	0.30	0.043	11
1334493	Soil			1.0	22.4	7.7	51	<0.1	22.9	7.7	286	2.09	8.7	5.7	4.0	21	0.1	0.7	0.1	33	0.31	0.065	13

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 Vancouver BC V6C 3K4 Canada

Project: WERG  
 Report Date: September 17, 2011

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CERTIFICATE OF ANALYSIS

DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1337183	Soil			39	0.79	200	0.058	<1	1.52	0.006	0.02	<0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1337184	Soil			32	0.52	199	0.046	<1	1.54	0.010	0.03	0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1337185	Soil			37	0.55	293	0.072	<1	1.72	0.009	0.04	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1337186	Soil			67	1.73	114	0.068	<1	2.38	0.004	0.02	<0.1	0.02	5.5	<0.1	<0.05	4	0.6	<0.2
1337187	Soil			32	1.80	67	0.100	<1	2.18	0.003	<0.01	<0.1	<0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1337188	Soil			41	0.83	198	0.058	<1	2.30	0.006	0.03	0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1337189	Soil			82	1.97	140	0.067	<1	2.80	0.004	0.03	<0.1	0.02	8.2	<0.1	<0.05	6	<0.5	<0.2
1337190	Soil			37	0.71	151	0.045	1	1.55	0.006	0.04	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1337191	Soil			123	2.23	140	0.063	<1	2.94	0.003	0.02	<0.1	0.01	7.1	<0.1	<0.05	5	<0.5	<0.2
1337192	Soil			64	1.20	236	0.074	1	2.06	0.008	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1337551	Soil			46	0.44	252	0.025	1	1.37	0.004	0.04	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1337552	Soil			35	0.65	296	0.049	1	1.76	0.006	0.04	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1337553	Soil			31	0.52	240	0.047	1	1.55	0.006	0.03	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1337554	Soil			24	0.45	294	0.037	1	1.34	0.006	0.03	<0.1	0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1337555	Soil			23	0.33	203	0.031	1	1.17	0.005	0.04	0.2	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
1337556	Soil			31	0.46	275	0.036	<1	1.26	0.008	0.03	0.2	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1337557	Soil			32	0.40	296	0.034	1	1.16	0.008	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1337558	Soil			31	0.47	402	0.030	1	1.29	0.012	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1337559	Soil			17	0.31	182	0.031	1	1.07	0.007	0.04	0.2	<0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
1337560	Soil			18	0.28	198	0.028	<1	0.92	0.006	0.04	0.2	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1337561	Soil			17	0.31	247	0.029	1	0.93	0.008	0.04	0.2	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
1337562	Soil			19	0.34	333	0.025	1	0.90	0.009	0.04	0.2	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
1337563	Soil			20	0.38	229	0.031	1	1.17	0.008	0.07	0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1337564	Soil			20	0.34	268	0.034	1	0.99	0.007	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1337565	Soil			22	0.47	313	0.038	2	0.95	0.017	0.05	0.4	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1334489	Soil			22	0.43	358	0.034	1	1.21	0.014	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1334490	Soil			22	0.44	420	0.035	1	1.19	0.016	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1334491	Soil			38	0.50	312	0.044	1	1.17	0.014	0.05	0.3	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
1334492	Soil			18	0.34	272	0.032	1	1.09	0.009	0.04	0.2	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1334493	Soil			20	0.38	287	0.038	2	0.98	0.013	0.05	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
1334494	Soil	0.9	16.1	7.3	49	<0.1	20.9	6.7	205	2.09	7.7	1.2	3.0	28	0.1	0.6	0.1	39	0.51	0.055	11
1334495	Soil	0.8	26.0	7.3	51	0.1	29.1	7.5	266	2.02	8.5	2.9	4.2	22	0.2	0.7	0.2	34	0.34	0.069	13
1334496	Soil	0.8	25.6	7.7	47	<0.1	27.8	7.8	264	2.02	8.2	2.5	4.2	22	<0.1	0.7	0.1	35	0.34	0.066	13
1334497	Soil	1.0	14.3	6.9	40	<0.1	21.1	5.5	171	1.93	7.6	2.2	3.1	21	0.3	0.5	0.1	36	0.31	0.051	12
1334498	Soil	0.7	12.3	7.3	49	<0.1	24.0	5.1	225	1.66	6.2	1.8	2.2	21	0.1	0.5	0.1	28	0.37	0.054	11
1334499	Soil	0.5	15.8	9.4	66	<0.1	35.1	5.7	146	1.73	3.7	4.0	3.2	21	0.1	0.4	0.1	32	0.30	0.048	14
1334500	Soil	0.9	37.7	7.9	97	<0.1	31.8	13.0	625	5.01	4.5	1.6	3.6	27	0.1	0.3	0.1	120	0.47	0.082	15
1337601	Soil	1.0	23.5	8.5	60	0.1	25.1	8.8	287	2.26	8.6	3.1	3.7	31	0.2	0.8	0.1	36	0.58	0.067	13
1337602	Soil	0.7	20.5	6.9	47	<0.1	24.5	6.9	264	1.88	8.1	2.3	3.2	27	0.2	0.6	0.1	35	0.43	0.065	14
1337603	Soil	0.8	21.2	7.4	50	<0.1	25.1	7.8	281	2.05	7.7	2.0	3.9	24	0.1	0.7	0.1	36	0.36	0.065	14
1337604	Soil	0.7	24.5	8.1	57	<0.1	24.5	8.4	373	2.12	9.5	1.8	3.9	34	0.2	0.6	0.1	34	0.86	0.068	13
1337533	Soil	1.7	29.0	8.6	65	0.3	22.4	7.3	229	2.52	5.9	2.2	1.9	13	0.2	0.5	0.1	43	0.14	0.046	12
1337534	Soil	0.8	20.0	7.3	48	<0.1	26.0	8.4	258	1.97	9.2	3.5	3.5	24	0.1	0.6	0.1	33	0.36	0.066	12
1337535	Soil	0.4	19.1	6.6	35	<0.1	62.6	9.9	216	1.95	4.6	0.6	2.7	27	0.1	0.4	0.1	48	0.49	0.047	12
1337536	Soil	1.0	21.0	7.3	50	<0.1	22.4	8.4	313	2.10	8.4	2.5	4.1	29	<0.1	0.7	0.1	40	0.49	0.072	14
1337537	Soil	1.1	27.2	9.2	55	0.1	26.6	9.1	338	2.39	8.9	3.7	3.7	30	0.1	0.6	0.1	46	0.47	0.058	14
1337538	Soil	0.9	25.7	7.4	51	<0.1	22.7	7.7	317	1.87	8.1	2.5	3.8	23	0.3	0.6	0.4	39	0.34	0.064	12
1337539	Soil	1.2	33.0	9.8	65	0.1	27.9	10.1	406	2.33	10.3	4.1	4.0	43	0.3	0.7	0.4	45	1.10	0.083	13
1337540	Soil	1.0	29.4	9.0	64	0.1	26.7	9.1	353	2.21	9.7	3.2	3.9	27	0.3	0.8	0.3	44	0.49	0.069	13
1337541	Soil	0.7	23.6	7.4	43	<0.1	21.4	7.8	299	1.89	9.1	2.5	3.8	20	0.1	0.6	0.2	37	0.27	0.060	12
1337542	Soil	0.8	17.0	7.0	38	<0.1	16.3	6.5	273	1.76	7.5	4.5	2.0	23	0.2	0.5	0.2	36	0.31	0.059	12
1337543	Soil	1.3	29.2	10.6	62	0.1	25.6	9.2	348	2.20	10.2	2.7	4.9	28	0.4	0.8	0.3	39	0.50	0.073	16
1337544	Soil	0.4	12.4	4.9	29	<0.1	12.9	5.1	220	1.19	4.9	4.6	2.2	17	<0.1	0.4	0.2	25	0.26	0.040	9
1337545	Soil	0.6	19.2	6.8	42	<0.1	18.6	6.1	207	1.74	7.3	4.1	3.3	18	0.1	0.5	0.2	34	0.27	0.056	12
1337546	Soil	0.8	22.3	6.9	42	<0.1	20.0	6.9	216	1.84	9.2	3.6	3.6	22	0.1	0.6	0.2	35	0.30	0.065	13
1337547	Soil	0.5	26.9	8.7	56	0.1	22.3	8.8	160	1.79	6.6	4.8	3.8	35	0.1	0.6	0.2	40	0.52	0.072	14
1337548	Soil	0.9	11.9	7.7	35	<0.1	15.4	5.7	149	1.79	6.7	1.7	2.7	14	0.1	0.4	0.2	38	0.19	0.031	11
1337549	Soil	1.0	18.3	8.5	49	<0.1	19.8	8.6	280	2.06	8.0	5.5	3.9	28	<0.1	0.5	0.2	42	0.39	0.061	13
1337550	Soil	0.7	21.5	7.9	46	0.1	21.0	7.4	264	1.96	7.9	2.3	3.5	25	0.2	0.5	0.2	37	0.38	0.080	13
1337651	Soil	1.3	11.4	17.3	27	0.1	9.3	4.3	127	1.73	6.7	2.4	10.5	7	<0.1	0.4	0.2	31	0.05	0.016	31

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Method	Analyte	Unit	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
			Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
			ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1334494	Soil		24	0.42	294	0.042	2	0.99	0.018	0.05	0.2	0.03	1.6	<0.1	<0.05	3	0.5	<0.2
1334495	Soil		24	0.42	355	0.038	1	0.94	0.013	0.05	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1334496	Soil		27	0.40	381	0.038	2	1.00	0.012	0.05	0.3	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1334497	Soil		22	0.36	255	0.034	1	1.06	0.009	0.06	0.2	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
1334498	Soil		22	0.35	229	0.025	<1	0.81	0.009	0.03	0.3	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
1334499	Soil		36	0.50	292	0.040	1	1.35	0.012	0.05	0.1	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
1334500	Soil		41	1.10	666	0.087	<1	2.54	0.009	0.18	<0.1	0.02	7.1	0.1	<0.05	9	<0.5	<0.2
1337601	Soil		22	0.48	360	0.042	1	1.07	0.017	0.05	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
1337602	Soil		22	0.40	327	0.038	1	0.97	0.014	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1337603	Soil		23	0.43	297	0.040	2	1.02	0.014	0.05	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
1337604	Soil		20	0.56	283	0.044	1	0.98	0.017	0.05	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1337533	Soil		29	0.47	210	0.034	<1	1.44	0.006	0.07	0.1	0.04	2.2	0.1	<0.05	4	0.8	<0.2
1337534	Soil		27	0.43	292	0.035	<1	1.01	0.012	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
1337535	Soil		74	0.72	254	0.033	<1	1.29	0.009	0.03	<0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
1337536	Soil		21	0.41	338	0.044	1	1.03	0.017	0.05	0.3	0.03	1.8	<0.1	<0.05	3	0.5	<0.2
1337537	Soil		27	0.48	326	0.044	1	1.39	0.016	0.06	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1337538	Soil		23	0.41	285	0.045	2	0.93	0.013	0.04	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1337539	Soil		26	0.64	372	0.047	1	1.16	0.016	0.05	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1337540	Soil		26	0.53	355	0.046	3	1.11	0.016	0.05	0.2	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
1337541	Soil		22	0.37	234	0.038	1	0.93	0.010	0.04	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
1337542	Soil		20	0.30	219	0.034	<1	0.87	0.010	0.03	0.3	0.03	2.0	<0.1	<0.05	3	0.7	<0.2
1337543	Soil		23	0.43	253	0.047	2	0.98	0.014	0.06	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1337544	Soil		15	0.23	192	0.031	<1	0.66	0.008	0.02	0.1	0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1337545	Soil		19	0.35	233	0.038	<1	0.94	0.010	0.04	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1337546	Soil		20	0.34	263	0.035	<1	0.85	0.010	0.04	0.2	0.03	2.6	<0.1	<0.05	2	<0.5	<0.2
1337547	Soil		22	0.44	358	0.046	2	1.04	0.015	0.04	0.1	0.03	2.7	<0.1	0.06	3	1.0	<0.2
1337548	Soil		23	0.33	207	0.038	<1	1.06	0.007	0.04	0.2	0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1337549	Soil		23	0.41	316	0.041	1	1.17	0.013	0.04	0.2	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
1337550	Soil		22	0.39	320	0.042	1	1.03	0.012	0.04	0.2	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2
1337651	Soil		19	0.23	127	0.030	<1	1.14	0.004	0.07	<0.1	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2

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Method	Analyte	Unit	MDL	1DX15 Mo	1DX15 Cu	1DX15 Pb	1DX15 Zn	1DX15 Ag	1DX15 Ni	1DX15 Co	1DX15 Mn	1DX15 Fe	1DX15 As	1DX15 Au	1DX15 Th	1DX15 Sr	1DX15 Cd	1DX15 Sb	1DX15 Bi	1DX15 V	1DX15 Ca	1DX15 P	1DX15 La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1337652	Soil			1.2	15.4	22.0	32	0.2	12.9	4.7	107	2.27	9.2	2.2	5.3	8	<0.1	0.4	0.3	51	0.07	0.017	16
1337653	Soil			1.2	2.2	43.7	4	<0.1	1.1	0.5	6	0.75	6.7	0.6	17.5	3	<0.1	0.1	0.4	3	<0.01	0.009	18
1337654	Soil			1.3	8.7	29.8	21	<0.1	7.7	3.1	82	1.41	5.8	1.4	10.8	6	<0.1	0.3	0.2	27	0.04	0.010	19
1337655	Soil			1.4	3.4	36.8	6	<0.1	2.4	0.9	17	0.81	3.2	0.6	14.8	10	<0.1	0.2	0.3	8	0.03	0.012	31
1337656	Soil			1.1	7.0	39.2	19	<0.1	6.8	2.7	58	1.22	5.5	2.3	16.6	7	<0.1	0.3	0.4	19	0.04	0.013	30
1337657	Soil			0.5	21.0	10.7	32	<0.1	9.9	2.4	103	1.30	2.8	<0.5	40.4	2	<0.1	0.1	<0.1	6	0.02	0.010	76
1337658	Soil			0.4	14.5	7.3	42	<0.1	68.2	7.9	146	2.11	36.4	1.5	27.3	8	<0.1	0.5	<0.1	29	0.06	0.013	62
1337659	Soil			0.8	32.1	6.9	71	<0.1	33.3	16.1	536	5.25	9.8	1.1	7.7	18	<0.1	0.4	0.1	105	0.26	0.029	20
1337660	Soil			1.7	20.2	6.3	100	<0.1	28.0	24.7	639	7.73	10.3	1.4	4.6	9	<0.1	0.3	<0.1	121	0.10	0.042	20
1337661	Soil			1.0	15.6	9.3	43	0.2	15.2	11.7	455	3.01	7.3	0.9	2.8	12	<0.1	0.3	0.2	70	0.14	0.052	9
1337662	Soil			0.9	16.6	4.3	88	<0.1	13.9	24.0	1308	7.64	5.0	1.0	2.4	16	<0.1	0.2	<0.1	136	0.31	0.131	6
1337663	Soil			0.2	21.3	4.3	60	<0.1	12.1	13.3	530	4.65	3.4	1.3	5.4	18	<0.1	0.1	<0.1	101	0.29	0.079	32
1337664	Soil			0.8	74.1	21.0	71	<0.1	34.8	10.9	667	2.56	19.6	<0.5	6.4	5	<0.1	0.2	0.4	32	0.05	0.023	24
1337665	Soil			0.4	9.5	15.1	33	<0.1	3.1	1.4	72	0.92	3.0	1.0	27.5	3	<0.1	0.1	0.2	6	0.03	0.009	55
1337666	Soil			1.2	25.1	20.3	50	<0.1	12.1	5.3	97	1.85	13.4	3.0	16.2	4	<0.1	0.7	0.3	17	0.04	0.017	39
1337667	Soil			1.0	41.7	13.9	55	<0.1	22.4	7.4	298	2.35	11.3	3.1	7.8	15	<0.1	0.8	0.2	41	0.11	0.015	20
1337668	Soil			1.4	38.4	17.2	54	<0.1	16.6	5.8	266	2.17	7.7	3.4	10.0	12	<0.1	0.7	0.2	35	0.09	0.013	24
1337669	Soil			1.3	38.7	16.7	54	<0.1	20.8	8.0	368	2.30	9.2	1.6	8.1	16	<0.1	0.8	0.2	38	0.14	0.015	22
1337670	Soil			1.2	40.9	18.8	53	<0.1	21.4	7.8	401	2.14	8.5	1.2	9.3	17	<0.1	0.6	0.2	37	0.16	0.015	23
1337671	Soil			0.7	25.7	14.6	44	0.1	20.4	7.2	233	2.16	8.4	5.4	8.5	23	<0.1	0.5	0.2	41	0.24	0.020	21
1337672	Soil			1.2	26.3	10.6	51	<0.1	21.1	6.4	185	2.13	9.7	2.2	5.5	19	<0.1	1.0	0.2	37	0.21	0.026	15
1337673	Soil			0.9	24.7	10.0	48	<0.1	19.4	7.3	201	2.13	9.7	4.3	5.9	18	<0.1	0.6	0.1	38	0.19	0.027	16
1337674	Soil			1.0	23.2	11.5	47	<0.1	19.6	7.2	180	2.29	9.8	5.1	5.9	18	0.1	0.7	0.2	42	0.23	0.031	17
1337675	Soil			1.1	23.2	10.0	49	<0.1	19.7	6.5	175	2.23	9.9	9.6	4.8	19	<0.1	0.6	0.2	41	0.26	0.051	17
1335693	Soil			0.4	61.2	3.3	64	<0.1	49.3	24.5	449	3.78	3.5	2.4	1.3	13	<0.1	0.2	<0.1	74	0.29	0.055	6
1335694	Soil			0.8	54.7	11.3	59	<0.1	30.9	11.5	564	3.69	8.2	2.9	6.0	9	<0.1	0.3	0.2	49	0.13	0.030	25
1335695	Soil			0.9	63.1	7.8	73	<0.1	37.1	11.4	158	2.91	2.3	2.2	4.4	6	<0.1	0.1	0.1	39	0.05	0.025	9
1335696	Soil			0.4	31.5	7.3	63	<0.1	85.7	17.7	486	4.15	15.0	3.5	4.2	14	<0.1	0.3	<0.1	104	0.26	0.038	14
1335697	Soil			0.4	29.7	3.5	45	<0.1	37.6	17.9	379	3.91	1.6	1.8	1.1	15	<0.1	0.2	<0.1	64	0.37	0.053	6
1335698	Soil			1.1	330.1	12.3	45	<0.1	147.7	23.4	259	4.24	46.6	3.7	11.6	9	<0.1	0.9	0.1	46	0.10	0.022	33

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CERTIFICATE OF ANALYSIS

DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1337652	Soil			21	0.23	213	0.045	<1	1.31	0.006	0.05	0.1	0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1337653	Soil			2	0.02	115	0.003	<1	0.31	0.003	0.05	0.2	<0.01	0.4	<0.1	0.07	<1	<0.5	<0.2
1337654	Soil			15	0.19	337	0.027	<1	0.90	0.003	0.03	<0.1	<0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1337655	Soil			5	0.05	1212	0.005	<1	0.59	0.001	0.04	<0.1	<0.01	0.5	<0.1	0.05	2	<0.5	<0.2
1337656	Soil			12	0.15	1203	0.015	<1	0.83	0.002	0.05	0.1	<0.01	0.9	<0.1	<0.05	3	1.0	<0.2
1337657	Soil			5	0.52	168	0.016	<1	0.91	0.002	0.09	<0.1	<0.01	1.0	0.2	<0.05	3	0.5	<0.2
1337658	Soil			77	0.89	221	0.026	<1	1.47	0.005	0.05	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1337659	Soil			48	1.19	433	0.093	<1	2.38	0.009	0.06	<0.1	0.03	9.3	<0.1	<0.05	9	<0.5	<0.2
1337660	Soil			45	1.26	343	0.027	<1	2.98	0.004	0.06	<0.1	0.02	10.4	0.2	<0.05	10	0.6	<0.2
1337661	Soil			28	0.51	213	0.077	<1	1.92	0.006	0.04	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1337662	Soil			16	1.37	344	0.159	<1	3.15	0.004	0.14	<0.1	<0.01	7.2	0.1	<0.05	12	<0.5	<0.2
1337663	Soil			21	1.37	557	0.189	<1	2.30	0.004	0.46	<0.1	0.03	13.0	0.6	<0.05	11	<0.5	<0.2
1337664	Soil			36	0.65	232	0.012	<1	1.71	0.003	0.04	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1337665	Soil			3	0.32	60	0.004	<1	0.73	0.002	0.02	<0.1	<0.01	1.6	<0.1	<0.05	2	<0.5	<0.2
1337666	Soil			10	0.14	177	0.007	<1	0.89	0.003	0.04	0.1	0.02	1.9	<0.1	<0.05	2	0.8	<0.2
1337667	Soil			25	0.42	395	0.043	1	1.30	0.006	0.04	0.2	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1337668	Soil			22	0.44	307	0.033	<1	1.32	0.005	0.03	0.1	0.03	3.0	<0.1	<0.05	4	0.6	<0.2
1337669	Soil			26	0.44	350	0.036	<1	1.42	0.008	0.04	0.1	0.03	3.5	<0.1	<0.05	4	0.5	<0.2
1337670	Soil			23	0.44	341	0.044	<1	1.36	0.006	0.03	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1337671	Soil			26	0.38	449	0.042	<1	1.50	0.009	0.04	<0.1	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1337672	Soil			24	0.33	331	0.033	<1	1.23	0.005	0.04	0.1	0.05	3.4	<0.1	<0.05	3	<0.5	<0.2
1337673	Soil			23	0.34	278	0.046	<1	1.32	0.006	0.04	0.1	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1337674	Soil			26	0.31	332	0.046	1	1.41	0.006	0.05	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1337675	Soil			27	0.33	336	0.046	<1	1.40	0.007	0.05	0.1	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1335693	Soil			97	1.42	244	0.174	<1	2.39	0.004	0.11	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1335694	Soil			22	0.25	388	0.006	<1	1.26	0.004	0.04	<0.1	0.01	5.6	<0.1	<0.05	3	<0.5	<0.2
1335695	Soil			18	0.29	305	0.020	<1	1.26	0.002	0.17	<0.1	<0.01	4.0	0.1	<0.05	3	<0.5	<0.2
1335696	Soil			115	1.93	273	0.031	<1	2.51	0.005	0.02	<0.1	0.02	9.3	<0.1	<0.05	8	<0.5	<0.2
1335697	Soil			55	1.37	264	0.126	<1	2.00	0.005	0.02	<0.1	<0.01	6.1	<0.1	<0.05	4	<0.5	<0.2
1335698	Soil			131	1.00	321	0.004	<1	1.78	0.003	0.06	<0.1	0.03	5.8	<0.1	<0.05	4	<0.5	<0.2

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Project: WERG  
Report Date: September 17, 2011

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**CERTIFICATE OF ANALYSIS**

**DAW11000244.1**

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm			
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1335699	Soil			0.6	80.3	10.3	97	0.2	119.2	28.3	1131	5.09	13.6	7.5	6.8	43	<0.1	0.3	0.1	46	4.29	0.216	37
1335700	Soil			0.2	150.8	7.2	75	<0.1	96.0	23.3	1410	5.11	11.8	3.7	8.2	22	<0.1	0.4	0.1	65	0.56	0.173	46
1337469	Soil			5.7	26.7	20.1	102	0.4	25.9	8.1	269	2.48	6.2	5.8	18.1	17	0.8	0.5	0.3	31	0.45	0.029	28
1337470	Soil			0.9	5.7	21.9	152	<0.1	4.1	1.3	147	1.16	3.2	6.4	41.8	8	<0.1	0.3	<0.1	9	0.12	0.005	12
1337471	Soil			1.0	5.2	14.6	85	<0.1	5.0	2.2	106	1.34	5.9	5.6	15.9	8	<0.1	0.3	<0.1	28	0.09	0.012	7
1337472	Soil			1.0	6.7	14.8	55	<0.1	6.5	4.4	136	1.41	5.3	12.2	21.1	10	<0.1	0.3	0.1	34	0.11	0.018	16
1337473	Soil			1.2	21.1	12.3	51	<0.1	22.7	8.6	172	2.86	11.0	4.1	9.3	14	0.1	0.6	0.2	62	0.13	0.013	16
1337474	Soil			1.2	16.8	10.3	56	<0.1	18.5	7.9	158	2.45	8.4	3.3	4.6	14	<0.1	0.7	0.1	52	0.13	0.019	14
1337475	Soil			1.3	16.9	10.7	63	<0.1	20.9	8.1	287	2.51	10.0	2.3	3.4	14	0.2	0.7	0.2	57	0.13	0.052	11
1337476	Soil			1.1	13.4	10.6	48	0.1	13.9	5.3	130	2.21	10.6	3.1	1.7	12	0.1	0.6	0.2	55	0.13	0.084	12
1337477	Soil			1.9	32.8	19.7	58	0.2	26.3	7.6	122	3.70	18.0	8.3	8.3	10	0.1	1.3	0.4	78	0.07	0.044	13
1337478	Soil			1.1	20.5	12.7	46	0.1	21.8	8.1	123	2.24	10.1	11.4	4.0	15	<0.1	0.6	0.2	53	0.12	0.029	11
1337479	Soil			1.2	32.6	16.9	59	0.1	32.3	10.8	190	3.47	14.1	5.4	6.6	15	<0.1	1.0	0.3	78	0.12	0.023	15
1337480	Soil			1.3	44.1	14.0	64	<0.1	34.2	12.0	186	3.37	16.1	6.6	7.4	16	<0.1	0.8	0.2	71	0.13	0.014	20
1337481	Soil			1.4	44.3	16.3	59	<0.1	34.3	12.2	201	3.55	15.3	15.5	7.1	15	<0.1	0.9	0.3	84	0.14	0.018	22
1337482	Soil			1.3	41.6	12.9	50	<0.1	31.4	9.8	160	3.23	14.5	6.9	6.5	15	<0.1	0.8	0.2	68	0.14	0.015	19
1337483	Soil			1.0	15.2	9.8	38	<0.1	19.4	7.5	140	2.27	8.2	1.4	4.4	12	<0.1	0.5	0.1	53	0.10	0.015	13
1337484	Soil			0.9	21.0	11.2	46	<0.1	23.7	10.3	198	2.54	9.2	5.0	5.1	13	<0.1	0.5	0.2	60	0.11	0.011	16
1337485	Soil			1.0	28.9	10.6	46	<0.1	22.5	7.8	131	2.57	11.6	4.3	8.2	10	<0.1	0.8	0.2	55	0.08	0.015	20
1337486	Soil			1.3	28.3	13.2	53	<0.1	27.5	10.5	180	2.95	12.5	2.1	6.4	9	<0.1	0.8	0.2	66	0.07	0.020	15
1337487	Soil			1.3	26.3	13.9	49	<0.1	23.5	8.3	157	3.00	11.0	6.0	6.9	11	<0.1	0.6	0.2	68	0.09	0.016	19
1337488	Soil			0.9	19.8	12.2	45	<0.1	21.2	7.5	143	2.40	9.5	1.5	5.5	12	<0.1	0.6	0.2	58	0.10	0.014	17
1337489	Soil			1.2	24.5	13.5	47	0.1	24.7	9.1	164	2.82	11.5	5.2	6.4	11	<0.1	0.7	0.2	66	0.10	0.015	17
1337490	Soil			1.2	24.7	13.2	46	0.1	22.4	10.4	320	2.61	10.0	4.2	4.6	20	<0.1	0.7	0.2	59	0.28	0.016	16
1337491	Soil			0.9	19.2	10.7	43	<0.1	20.7	7.0	140	2.33	8.7	3.2	4.7	18	<0.1	0.6	0.2	51	0.23	0.017	14
1337492	Soil			1.5	33.5	13.1	70	<0.1	26.7	10.7	187	2.94	12.8	6.1	6.4	17	0.1	0.9	0.2	59	0.17	0.021	20
1337493	Soil			1.2	30.1	12.7	55	<0.1	26.3	9.7	199	3.21	13.9	3.5	7.0	15	<0.1	0.9	0.2	67	0.13	0.017	18
1337494	Soil			0.9	14.6	11.5	36	<0.1	21.1	9.6	118	2.25	11.5	4.1	3.5	7	<0.1	0.7	0.2	48	0.05	0.023	9
1337495	Soil			1.0	30.6	11.8	52	0.1	22.5	9.1	201	2.86	12.4	3.2	5.2	14	<0.1	0.9	0.3	59	0.10	0.014	18
1337496	Soil			1.0	31.8	11.4	56	<0.1	24.9	9.0	210	2.98	11.5	3.6	5.5	15	<0.1	0.9	0.2	61	0.13	0.015	18

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Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1335699	Soil			102	1.37	690	0.005	<1	2.24	0.005	0.09	<0.1	0.02	6.3	<0.1	<0.05	5	0.7	<0.2
1335700	Soil			98	2.27	323	0.008	<1	2.92	0.003	0.04	<0.1	0.04	5.0	<0.1	<0.05	7	<0.5	<0.2
1337469	Soil			20	0.23	166	0.015	<1	1.26	0.009	0.06	0.6	0.02	2.0	0.2	<0.05	5	1.2	<0.2
1337470	Soil			8	0.14	67	0.010	<1	1.37	0.010	0.14	2.4	<0.01	1.3	0.4	<0.05	10	<0.5	<0.2
1337471	Soil			12	0.11	77	0.022	<1	1.25	0.006	0.05	0.8	0.02	1.1	0.1	<0.05	8	<0.5	<0.2
1337472	Soil			15	0.15	134	0.036	<1	1.25	0.006	0.07	0.7	<0.01	1.5	0.2	<0.05	7	<0.5	<0.2
1337473	Soil			35	0.39	265	0.046	<1	2.22	0.007	0.05	0.2	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1337474	Soil			29	0.39	244	0.044	1	1.65	0.007	0.04	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1337475	Soil			30	0.37	312	0.036	<1	1.68	0.005	0.06	0.2	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1337476	Soil			22	0.29	242	0.033	<1	1.54	0.006	0.06	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1337477	Soil			46	0.23	243	0.059	<1	3.20	0.006	0.08	<0.1	0.04	5.7	0.1	<0.05	8	<0.5	<0.2
1337478	Soil			28	0.28	350	0.032	<1	2.09	0.005	0.05	<0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1337479	Soil			45	0.41	404	0.055	<1	3.07	0.007	0.06	<0.1	0.03	4.4	0.1	<0.05	8	<0.5	<0.2
1337480	Soil			42	0.47	479	0.043	<1	2.72	0.007	0.06	0.1	0.04	6.4	<0.1	<0.05	7	<0.5	<0.2
1337481	Soil			45	0.45	498	0.048	<1	2.94	0.007	0.05	<0.1	0.07	7.8	0.1	<0.05	7	<0.5	<0.2
1337482	Soil			40	0.41	396	0.060	<1	2.59	0.007	0.05	<0.1	0.03	6.5	0.1	<0.05	6	<0.5	<0.2
1337483	Soil			30	0.34	309	0.043	<1	1.74	0.005	0.03	0.1	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1337484	Soil			33	0.39	373	0.047	<1	2.14	0.006	0.03	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1337485	Soil			34	0.36	276	0.043	<1	2.02	0.006	0.05	<0.1	<0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1337486	Soil			37	0.34	291	0.050	<1	2.43	0.006	0.05	<0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1337487	Soil			41	0.39	296	0.058	<1	2.59	0.006	0.05	<0.1	0.02	4.9	0.1	<0.05	6	<0.5	<0.2
1337488	Soil			31	0.35	283	0.049	<1	2.07	0.006	0.03	<0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1337489	Soil			39	0.34	323	0.050	<1	2.43	0.006	0.04	<0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1337490	Soil			31	0.37	498	0.041	<1	1.75	0.009	0.04	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1337491	Soil			28	0.39	390	0.043	1	1.82	0.009	0.05	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1337492	Soil			33	0.44	383	0.044	<1	1.81	0.010	0.05	0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1337493	Soil			41	0.41	305	0.053	<1	2.35	0.007	0.05	<0.1	0.03	5.4	<0.1	<0.05	6	<0.5	<0.2
1337494	Soil			25	0.18	198	0.029	<1	1.75	0.003	0.03	<0.1	0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1337495	Soil			36	0.44	324	0.052	<1	1.97	0.008	0.05	<0.1	0.04	5.9	<0.1	<0.05	6	<0.5	<0.2
1337496	Soil			37	0.49	393	0.052	<1	1.98	0.008	0.05	0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval. preliminary reports are unsigned and should be used for reference only.



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Project: WERG  
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**CERTIFICATE OF ANALYSIS**

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
1337497	Soil	1.2	25.8	13.8	46	<0.1	24.7	9.0	149	2.64	12.7	2.6	5.7	12	<0.1	0.9	0.3	62	0.09	0.016	16
1337498	Soil	1.2	32.4	10.4	57	<0.1	24.2	9.7	216	2.74	11.1	4.2	4.5	18	<0.1	0.9	0.2	55	0.15	0.016	16
1337499	Soil	0.8	20.2	8.0	58	<0.1	18.2	7.5	230	2.07	9.4	2.2	3.3	24	0.1	0.6	0.2	39	0.30	0.067	14
1337500	Soil	0.7	17.2	7.8	55	<0.1	17.8	7.1	202	2.06	8.8	2.3	3.2	23	0.1	0.6	0.2	41	0.31	0.064	16
1337751	Soil	0.5	14.4	6.4	41	<0.1	14.9	5.8	163	1.64	6.6	3.0	3.1	21	<0.1	0.4	0.1	34	0.28	0.057	15
1337752	Soil	0.8	24.1	9.2	62	0.1	20.0	6.9	234	2.07	8.3	6.0	4.3	27	0.1	0.8	0.2	41	0.31	0.065	17
1337753	Soil	0.9	30.6	10.5	62	0.1	26.1	10.2	418	2.42	12.3	3.7	4.2	29	0.1	1.0	0.2	43	0.45	0.058	15



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**CERTIFICATE OF ANALYSIS**

DAW11000244.1

Method	Analyte	1DX15	1DX16	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1337497	Soil	34	0.34	331	0.039	<1	2.11	0.006	0.04	<0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1337498	Soil	33	0.47	367	0.050	<1	1.67	0.008	0.04	0.1	0.04	5.4	<0.1	<0.05	5	<0.5	<0.2
1337499	Soil	25	0.43	273	0.038	<1	1.20	0.011	0.04	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1337500	Soil	27	0.43	268	0.042	<1	1.28	0.010	0.04	0.2	0.03	2.4	<0.1	<0.05	4	<0.5	<0.2
1337751	Soil	20	0.33	244	0.038	<1	0.99	0.009	0.03	0.2	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
1337752	Soil	25	0.40	317	0.050	<1	1.23	0.011	0.05	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1337753	Soil	24	0.50	408	0.039	<1	1.32	0.018	0.05	0.2	0.05	3.3	<0.1	<0.05	4	<0.5	<0.2



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**QUALITY CONTROL REPORT** DAW11000244.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15			
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
<b>Pulp Duplicates</b>																							
1337156	Soil			1.1	30.8	10.6	54	<0.1	31.3	10.5	310	2.55	25.6	1.1	4.2	19	0.1	0.5	0.2	53	0.31	0.031	15
REP 1337156	QC			0.9	32.0	10.3	53	<0.1	33.1	10.6	318	2.58	25.7	2.8	4.2	19	0.1	0.5	0.2	53	0.31	0.030	15
1337165	Soil			1.0	50.0	13.2	61	<0.1	86.2	14.4	596	3.17	46.1	3.1	5.2	22	<0.1	0.8	0.2	62	0.30	0.047	20
REP 1337165	QC			0.9	46.7	12.6	59	<0.1	80.6	13.6	552	2.99	43.7	2.9	5.0	22	0.1	0.7	0.2	58	0.27	0.044	19
1337186	Soil			0.4	11.7	4.1	21	<0.1	43.4	19.7	311	3.14	3.0	1.2	1.2	13	<0.1	0.3	<0.1	58	0.28	0.006	5
REP 1337186	QC			0.4	11.3	4.1	20	<0.1	44.0	20.0	310	3.05	2.7	2.0	1.1	13	<0.1	0.4	<0.1	60	0.29	0.007	5
1334491	Soil			0.9	20.3	8.3	55	0.1	47.7	9.9	427	2.23	9.2	4.9	4.2	23	0.1	0.7	0.1	39	0.35	0.065	15
REP 1334491	QC			1.0	21.1	8.8	55	0.1	49.7	9.9	454	2.28	9.5	12.8	4.6	24	0.1	0.7	0.1	41	0.38	0.066	16
1337537	Soil			1.1	27.2	9.2	55	0.1	26.6	9.1	338	2.39	8.9	3.7	3.7	30	0.1	0.6	0.1	46	0.47	0.058	14
REP 1337537	QC			1.1	28.1	9.2	55	0.1	26.8	9.3	357	2.49	9.3	3.0	3.9	30	0.1	0.7	0.2	46	0.50	0.059	14
1337539	Soil			1.2	33.0	9.8	65	0.1	27.9	10.1	406	2.33	10.3	4.1	4.0	43	0.3	0.7	0.4	45	1.10	0.063	13
REP 1337539	QC			1.2	33.4	10.2	66	0.2	30.0	10.3	420	2.39	10.9	2.8	4.2	44	0.2	0.8	0.3	47	1.17	0.085	14
1337660	Soil			1.7	20.2	6.3	100	<0.1	28.0	24.7	639	7.73	10.3	1.4	4.6	9	<0.1	0.3	<0.1	121	0.10	0.042	20
REP 1337660	QC			1.6	20.1	6.0	103	<0.1	27.7	25.1	630	7.69	9.8	1.1	3.9	9	<0.1	0.4	<0.1	118	0.11	0.043	20
1335700	Soil			0.2	150.8	7.2	75	<0.1	96.0	23.3	1410	5.11	11.8	3.7	8.2	22	<0.1	0.4	0.1	65	0.56	0.173	46
REP 1335700	QC			0.2	151.6	7.4	76	<0.1	102.0	23.4	1429	5.07	11.5	5.4	8.3	21	<0.1	0.4	<0.1	65	0.57	0.173	46
1337486	Soil			1.3	28.3	13.2	53	<0.1	27.5	10.5	180	2.95	12.5	2.1	6.4	9	<0.1	0.8	0.2	66	0.07	0.020	15
REP 1337486	QC			1.2	29.0	13.9	48	<0.1	28.0	10.2	180	2.94	12.2	2.8	6.6	10	<0.1	0.7	0.2	66	0.08	0.018	15
<b>Reference Materials</b>																							
STD DS8	Standard			12.1	104.3	125.2	313	1.8	36.8	7.4	598	2.40	24.6	110.8	6.6	63	2.1	5.5	6.1	41	0.66	0.076	15
STD DS8	Standard			12.3	110.6	125.5	319	1.9	38.0	7.6	627	2.53	25.5	117.0	6.6	67	2.3	5.8	6.4	42	0.70	0.084	14
STD DS8	Standard			12.5	96.5	117.0	290	1.8	33.6	7.0	588	2.31	24.9	113.2	6.5	67	2.5	5.7	6.3	41	0.69	0.078	16
STD DS8	Standard			12.0	102.3	121.3	303	1.7	34.8	7.1	565	2.33	25.7	111.0	6.1	61	2.3	4.6	6.1	40	0.67	0.077	14
STD DS8	Standard			14.9	107.1	121.5	314	1.8	40.2	7.5	644	2.54	23.4	112.1	7.0	72	2.2	5.1	6.2	40	0.75	0.079	16
STD DS8	Standard			13.9	106.1	127.7	313	2.0	38.4	7.7	665	2.55	26.4	117.2	7.4	65	2.5	4.9	6.6	44	0.73	0.084	16
STD DS8	Standard			12.6	104.8	115.7	293	1.7	35.6	7.2	582	2.29	24.0	112.9	6.5	64	2.1	4.7	6.2	41	0.66	0.075	15
STD DS8	Standard			11.9	91.0	107.7	289	1.6	37.2	6.4	582	2.32	20.4	102.1	5.2	59	1.9	4.3	5.2	36	0.64	0.065	12
STD DS8	Standard			12.3	108.3	124.0	306	1.8	37.5	7.7	589	2.41	24.9	116.6	6.2	63	2.2	5.5	6.4	41	0.63	0.079	13



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QUALITY CONTROL REPORT

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Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
<b>Pulp Duplicates</b>																	
1337156	Soil	46	0.60	329	0.058	1	1.58	0.010	0.04	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
REP 1337156	QC	47	0.60	328	0.063	1	1.54	0.010	0.04	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1337165	Soil	95	0.76	413	0.050	<1	1.81	0.013	0.05	0.1	0.04	5.2	<0.1	<0.05	5	0.5	<0.2
REP 1337165	QC	89	0.72	397	0.044	<1	1.74	0.009	0.04	0.2	0.04	4.9	<0.1	<0.05	5	0.7	<0.2
1337186	Soil	67	1.73	114	0.068	<1	2.38	0.004	0.02	<0.1	0.02	5.5	<0.1	<0.05	4	0.6	<0.2
REP 1337186	QC	67	1.77	119	0.070	<1	2.40	0.008	0.02	<0.1	0.01	5.2	<0.1	<0.05	4	<0.5	<0.2
1334491	Soil	38	0.50	312	0.044	1	1.17	0.014	0.05	0.3	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
REP 1334491	QC	41	0.49	326	0.045	1	1.22	0.014	0.06	0.3	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1337537	Soil	27	0.48	326	0.044	1	1.39	0.016	0.06	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
REP 1337537	QC	28	0.49	330	0.047	1	1.39	0.017	0.06	0.2	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
1337539	Soil	26	0.64	372	0.047	1	1.16	0.016	0.05	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
REP 1337539	QC	27	0.66	390	0.051	3	1.24	0.017	0.05	0.2	0.03	3.2	<0.1	<0.05	4	0.6	<0.2
1337660	Soil	45	1.26	343	0.027	<1	2.98	0.004	0.06	<0.1	0.02	10.4	0.2	<0.05	10	0.6	<0.2
REP 1337660	QC	44	1.28	345	0.024	<1	2.96	0.004	0.07	<0.1	0.02	10.3	0.1	<0.05	11	0.6	<0.2
1335700	Soil	98	2.27	323	0.008	<1	2.92	0.003	0.04	<0.1	0.04	5.0	<0.1	<0.05	7	<0.5	<0.2
REP 1335700	QC	97	2.23	311	0.008	<1	2.83	0.003	0.04	<0.1	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
1337486	Soil	37	0.34	291	0.050	<1	2.43	0.006	0.05	<0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1337486	QC	37	0.34	298	0.051	<1	2.46	0.006	0.05	0.1	0.01	3.5	0.1	<0.05	6	<0.5	<0.2
<b>Reference Materials</b>																	
STD DS8	Standard	114	0.61	257	0.110	2	0.91	0.090	0.40	2.9	0.19	2.2	5.6	0.15	5	5.2	4.7
STD DS8	Standard	117	0.63	285	0.113	3	0.96	0.105	0.43	2.8	0.21	3.0	5.6	0.16	5	5.3	4.7
STD DS8	Standard	111	0.59	285	0.116	2	0.90	0.089	0.41	2.6	0.19	2.1	5.3	0.12	4	5.0	4.8
STD DS8	Standard	108	0.58	260	0.100	3	0.86	0.082	0.40	2.9	0.20	2.2	5.1	0.17	4	4.7	4.8
STD DS8	Standard	128	0.63	288	0.128	3	0.97	0.088	0.42	3.1	0.19	1.6	5.5	0.17	5	5.2	5.1
STD DS8	Standard	121	0.65	285	0.122	2	0.97	0.098	0.43	3.2	0.20	2.2	5.7	0.12	5	4.9	5.1
STD DS8	Standard	112	0.58	258	0.115	3	0.88	0.078	0.38	2.7	0.19	2.1	5.0	0.18	4	4.5	4.4
STD DS8	Standard	118	0.59	227	0.091	2	0.83	0.083	0.38	2.7	0.20	1.4	5.3	0.14	4	5.0	4.8
STD DS8	Standard	115	0.58	254	0.106	3	0.87	0.081	0.40	3.1	0.21	2.2	5.3	0.16	5	5.6	5.2



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Project: WERG  
 Report Date: September 17, 2011

Page: 2 of 2 Part 1

QUALITY CONTROL REPORT

DAW11000244.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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Project: WERG  
 Report Date: September 17, 2011

Page: 2 of 2 Part 2

QUALITY CONTROL REPORT

DAW11000244.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

**Appendix 4**  
**Analytical Methods and**  
**Detection Limits**

## METHOD SPECIFICATIONS

### GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

<b>Package Codes:</b>	1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
<b>Sample Digestion:</b>	HNO <sub>3</sub> -HCl acid digestion
<b>Instrumentation Method:</b>	ICP-ES (1D), ICP-MS (1DX, 1F)
<b>Applicability:</b>	Sediment, Soil, Non-mineralized Rock and Drill Core

#### Method Description:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO<sub>3</sub> and DI H<sub>2</sub>O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

For 1F07, Lead isotopes ( $Pb_{204}$ ,  $Pb_{206}$ ,  $Pb_{207}$ ,  $Pb_{208}$ ) are suitable for geochemical exploration of U and other commodities where gross differences in natural to radiogenic Pb ratios, is a benefit. Isotope values can be reported in both concentrations and intensities. Sample splits of 0.25g, 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb <sub>204</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>206</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>207</sub>	-	-	0.01 ppm	10000 ppm
Pb <sub>208</sub>	-	-	0.01 ppm	10000 ppm

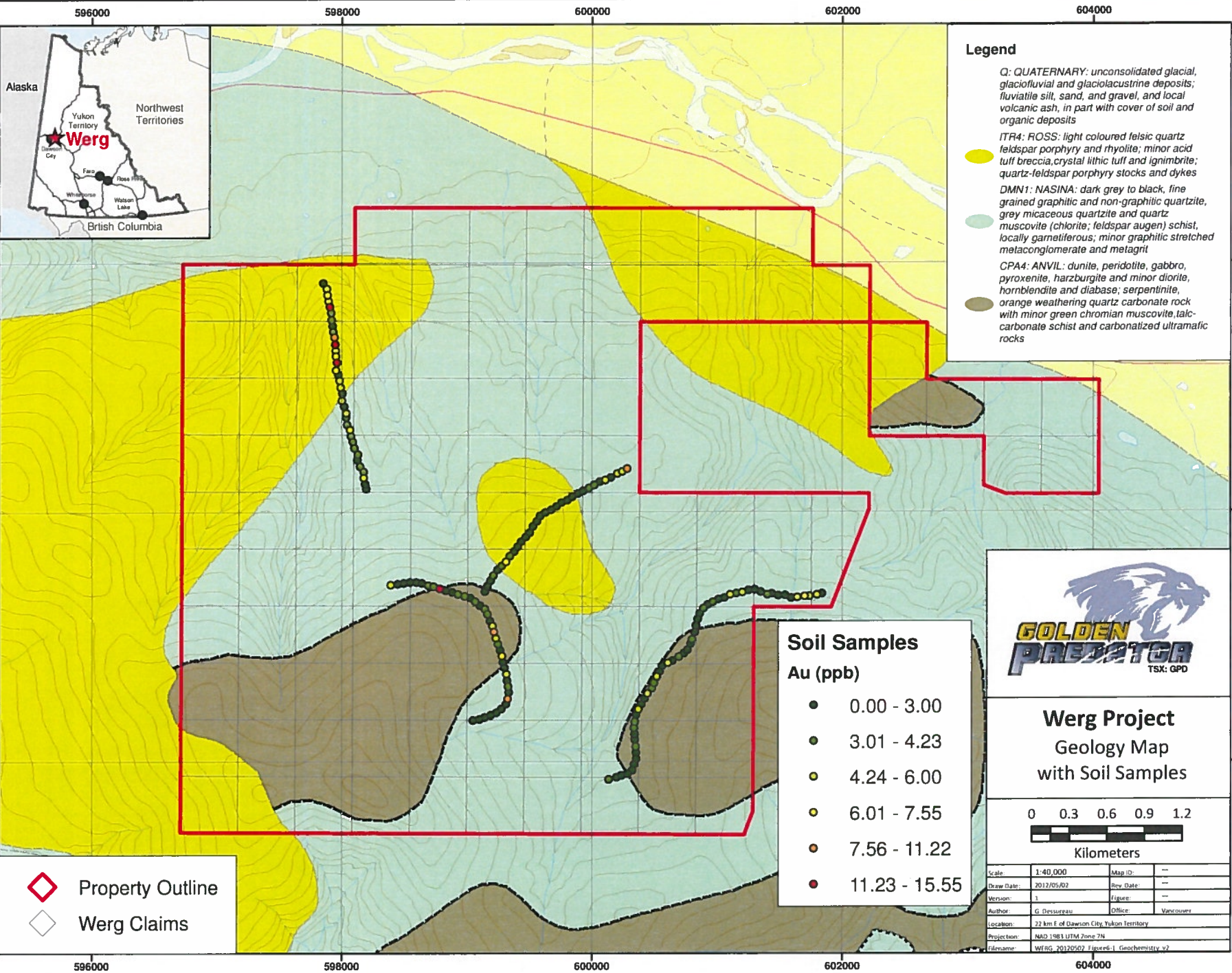
\* Solubility of some elements will be limited by mineral species present.

<sup>^</sup>Detection limit = 1 ppm for 15g / 30g analysis.

**Limitations:**

Au solubility can be limited by refractory and graphitic samples.

**Appendix 5**  
**Soil Geochemical Plots**  
**for Select Elements**



**Legend**

**Q:** QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

**ITR4:** ROSS: light coloured felsic quartz feldspar porphyry and rhyolite; minor acid tuff breccia, crystal lithic tuff and ignimbrite; quartz-feldspar porphyry stocks and dykes

**DMN1:** NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite); feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit

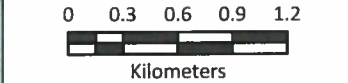
**CPA4:** ANVIL: dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks

**Soil Samples**  
**Au (ppb)**

- 0.00 - 3.00
- 3.01 - 4.23
- 4.24 - 6.00
- 6.01 - 7.55
- 7.56 - 11.22
- 11.23 - 15.55

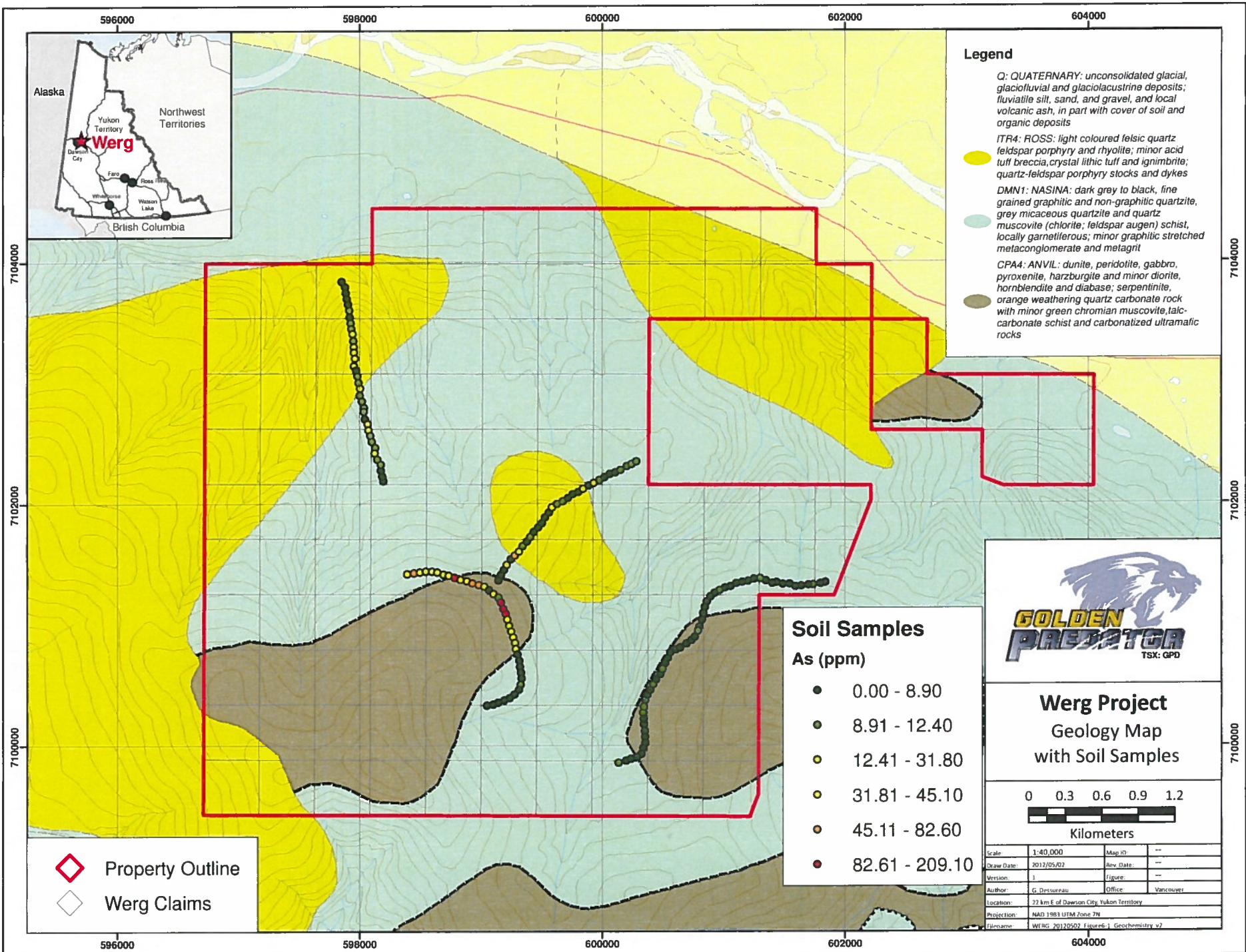


**Werg Project**  
**Geology Map**  
**with Soil Samples**



Scale:	1:40,000	Map ID:	--
Draw Date:	2012/05/02	Rev. Date:	--
Version:	1	Figure:	--
Author:	G. Desrosiers	Office:	Vancouver
Location:	22 km E of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	WERG_20120502_Figure6-1_Geologymap_v2		

◇ Property Outline  
 ◇ Werg Claims



**Legend**

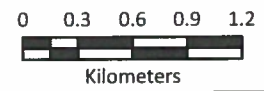
- Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits*
- ITR4: ROSS: light coloured felsic quartz feldspar porphyry and rhyolite; minor acid tuff breccia, crystal lithic tuff and ignimbrite; quartz-feldspar porphyry stocks and dykes*
- DMN1: NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit*
- CPA4: ANVIL: dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks*

**Soil Samples**

- As (ppm)**
- 0.00 - 8.90
  - 8.91 - 12.40
  - 12.41 - 31.80
  - 31.81 - 45.10
  - 45.11 - 82.60
  - 82.61 - 209.10

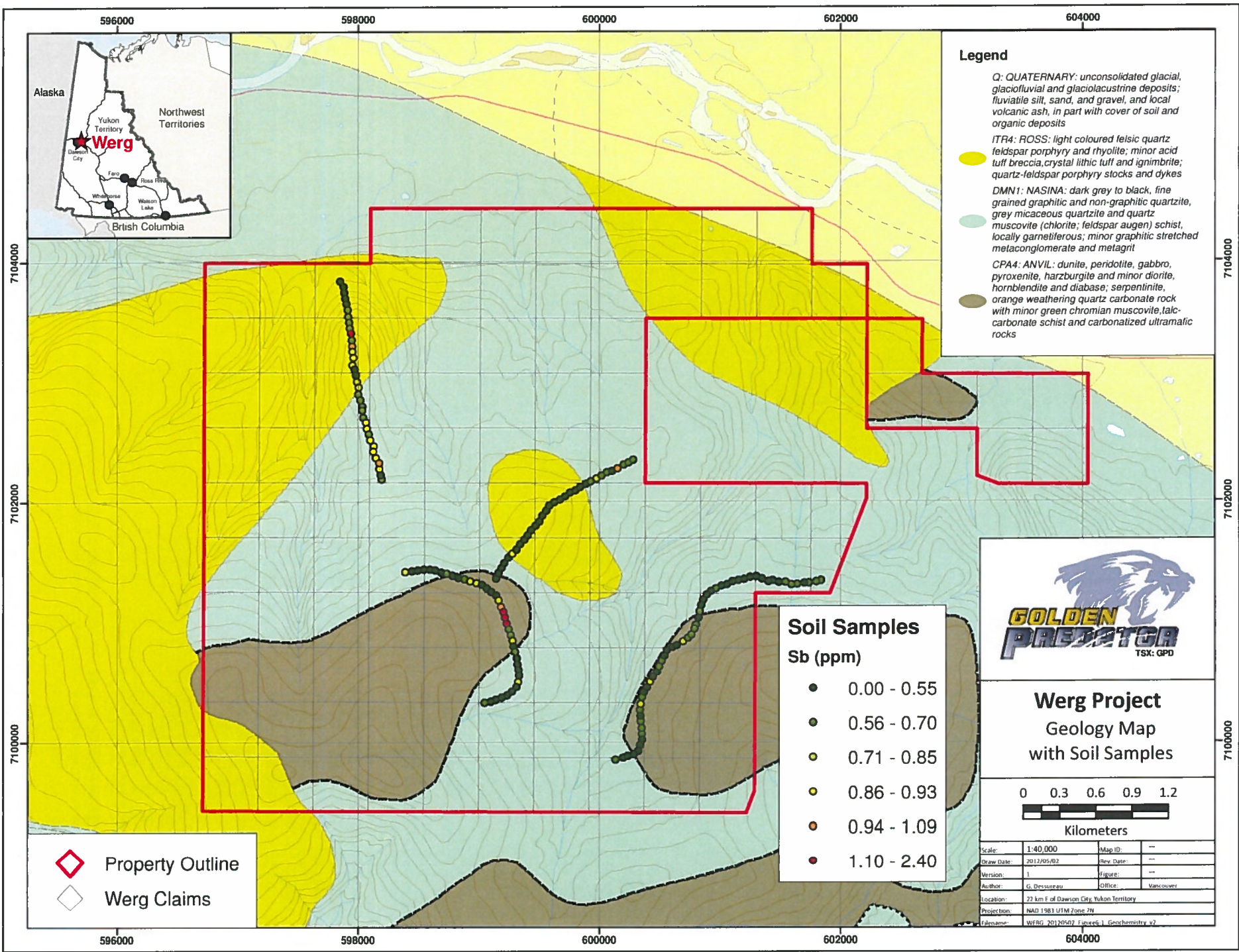


**Werg Project  
Geology Map  
with Soil Samples**



Scale:	1:40,000	Map ID:	--
Draw Date:	2012/05/02	Rev. Date:	--
Version:	1	Figure:	--
Author:	G. Desjardins	Office:	Vancouver
Location:	22 km E of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	WERG_20120502_Figure1_Geochemistry.v7		

- ◊ Property Outline
- ◊ Werg Claims



**Legend**

**Q:** QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvialite silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

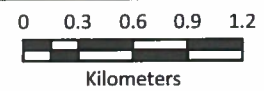
**ITR4:** ROSS: light coloured felsic quartz feldspar porphyry and rhyolite; minor acid tuff breccia, crystal lithic tuff and ignimbrite; quartz-feldspar porphyry stocks and dykes

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**CPA4:** ANVIL: dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblendite and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks



**Werg Project  
Geology Map  
with Soil Samples**



Scale:	1:40,000	Map ID:	--
Draw Date:	2012/05/02	Rev. Date:	--
Version:	1	Figure:	--
Author:	G. Desrosiers	Office:	Vancouver
Location:	22 km E of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	WERG_20120502_Figure6_1_Geochemistry_v2		

**Soil Samples  
Sb (ppm)**

- 0.00 - 0.55
- 0.56 - 0.70
- 0.71 - 0.85
- 0.86 - 0.93
- 0.94 - 1.09
- 1.10 - 2.40

- ◊ Property Outline
- ◊ Werg Claims