

ASSESSMENT REPORT, 2011 GEOCHEMICAL SAMPLING PROGRAM

DOW PROPERTY

DAWSON MINING DISTRICT, YUKON, CANADA

NTS MAP SHEET: 116C/02, NAD83 ZONE 7

508840 E, 7113453 N (NAD83)

CLAIMS AND OWNER:

Claim Name	Number	Grant Number	Registered Owner
DOW	1-24	YD09377-YD09400	Bernard Kreft - 100%
DOW	25-28	YD09537-YD09540	Bernard Kreft - 100%
DOW	29-38	YD31649-YD31658	Bernard Kreft - 100%
DOW	39-80	YD31669-YD31710	Bernard Kreft - 100%
DOW	80-106	YE39661-YE39686	Bernard Kreft - 100%

PERIOD OF WORK: AUGUST 26, 27, AND 28, 2011

OPERATOR:

GOLDEN PREDATOR CANADA CORP.

888 Dunsmuir St.

Vancouver, V6C3K4

March 22nd, 2012

Prepared by:

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

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1.0 INTRODUCTION

The DOW property consists of 106 contiguous mineral claims covering an area of approximately 18.91km², located in the Klondike Plateau, north-western Yukon. In 2011, Golden Predator Canada Corp. (Golden Predator) signed an option agreement with Bernard Kreft to acquire a 100% interest in the property and is targeting structurally hosted gold deposits.

This report describes a 3 day, 473 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. It is located approximately 65 km west-northwest of Dawson City, YT (Figure 2-1). It is accessed by 10 minute helicopter trip from Dawson City. The property is also accessible by unmaintained 4x4 roads from Dawson City. The property is located in the Dawson Mining District, and consists of 106 contiguous mineral claims covering an aggregate area of 18.91 km² (Table 2-1, Figure 2-2).

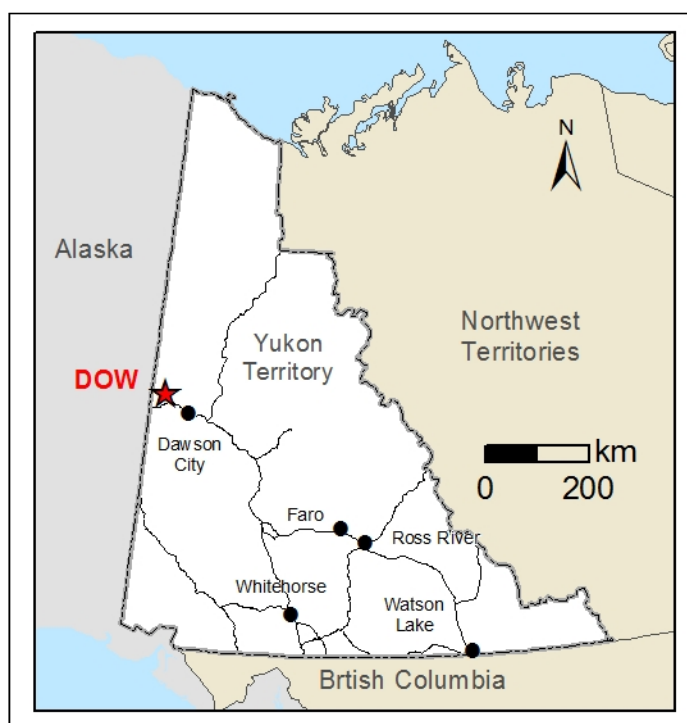


Figure 2-1. DOW Property Location, Yukon Territory

Table 2-1. DOW claim information

Claim Name	Number	Grant Number	Registered Owner	Operator	Expiry Date
DOW	1-24	YD09377-YD09400	Bernard Kreft - 100%	Golden Predator Canada Corp.	26/12/2015
DOW	25-28	YD09537-YD09540	Bernard Kreft - 100%	Golden Predator Canada Corp.	26/12/2015
DOW	29-38	YD31649-YD31658	Bernard Kreft - 100%	Golden Predator Canada Corp.	28/09/2014
DOW	39-80	YD31669-YD31710	Bernard Kreft - 100%	Golden Predator Canada Corp.	28/09/2014
DOW	80-106	YE39661-YE39686	Bernard Kreft - 100%	Golden Predator Canada Corp.	29/04/2015

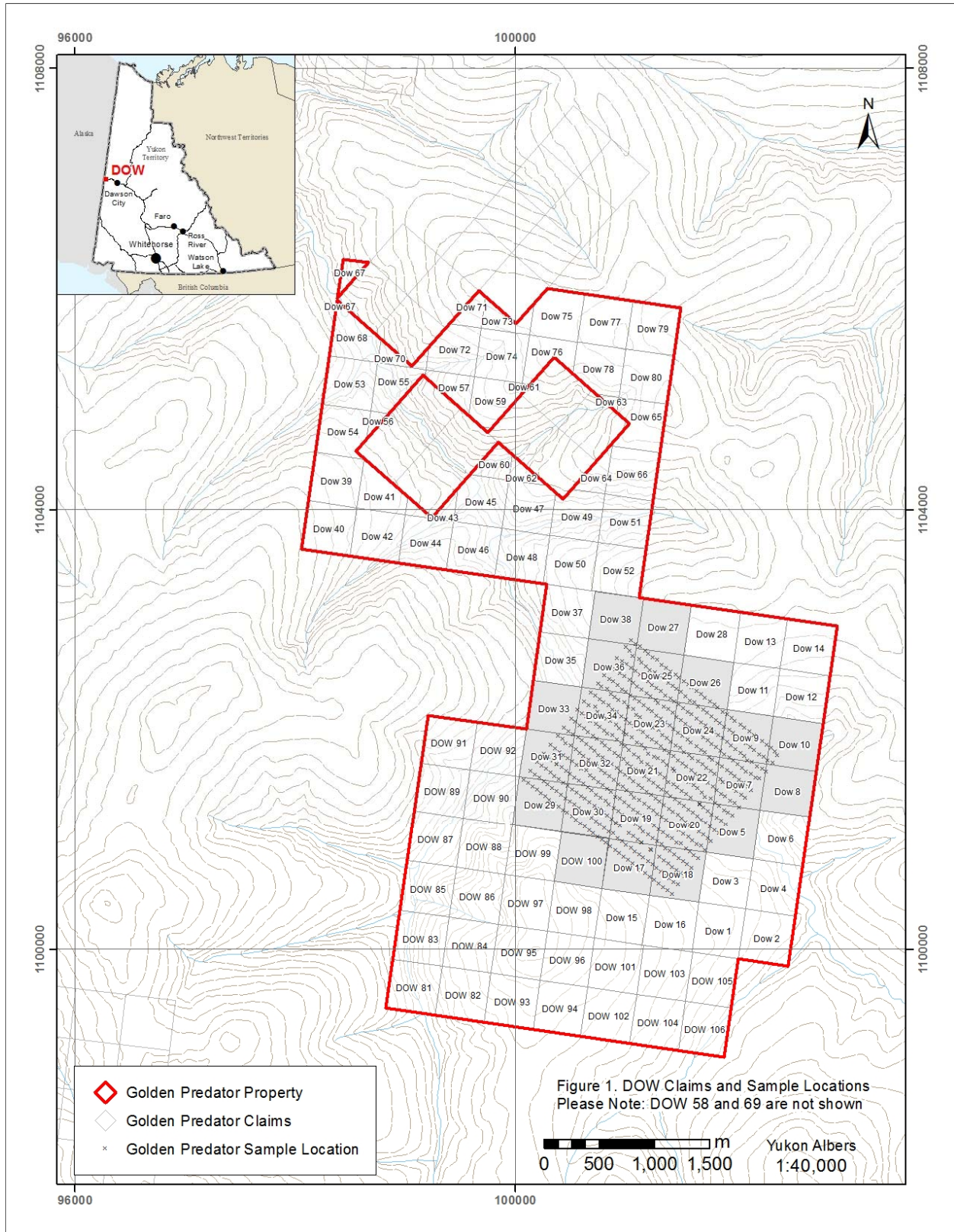


Figure 2-2. Dow Project Claim Map



3.0 INFRASTRUCTURE, CLIMATE AND PHYSIOGRAPHY

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. 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. Several recent forest fires have swept through the area, leaving large areas devoid of moss and vegetative cover resulting in more rock exposure and better soil sampling conditions due to at least partial destruction of permafrost in these areas, but also resulting in increased difficulties for ground traversing due to wind-fall.

The centre of the property is located at 508840 E, 7113453 N (NAD83, zone 8) on NTS Mapsheet 116C02. The nearest settlement is Dawson City, which is located approximately 65 east-southeast along Top Of The World Highway.

4.0 EXPLORATION HISTORY

The DOW property is located in the historical Klondike region Northeast of Dawson City, and aside from the significant placer mining activity in the area very little historical hard rock exploration work has been completed in the area. Previous exploration work has been limited to either to the northeast or to the southwest of this Property. Twelve mineral occurrences are clustered in two areas, either a few to ten more kilometers away to the northeast or a few to ten more kilometers away to the southwest of the Property.

To the northeast side of the Property there are a sedimentary exhalative (sedex) Zn-Pb-Ag drilled prospect, Mickey (two occurrences, north and south); a Kuroko massive sulphide Cu-Pb-Zn showing, Mort; a sedex Zn-Pb-Ag drilled prospect, Clip; and a Kuroko massive sulphide Cu-Pb-Zn prospect, Top of the World (two occurrences, west and east). To the southwest side of the Property blocks there are a Kuroko massive sulphide Cu-Pb-Zn mineral showing, Pub (it lies within the boundary of the DOW Property); a polymetallic veins Ag-Pb-Zn+/-Au showing, Cholach; a coal drilled prospect, Hungry (two occurrences); an Au-quartz veins showing, Glasmacher; a Besshi massive sulphide Cu-Zn showing, Baldy; a polymetallic veins Ag-Pb-Zn+/-Au showing, Miller; an Au-quartz veins showing, Bedrock; and a polymetallic veins Ag-Pb-Zn+/-Au drilled prospect, Per.



5.0 GEOLOGY

5.1 Regional Geology

The Dow Property is located on the Southwest side of the Tintina Trench within the Tintina Gold Belt which is host to several significant gold deposits such as Donlin Creek, Pogo, Fort Knox in Alaska and Brewery Creek, Dublin Gulch and the newly discovered Whitegold deposit in the Yukon. The property covers greenschist to lower amphibolite facies metamorphic the northwestern portion of the Yukon-Tanana Terrain which can be divided in to two main assemblages: metasedimentary rocks with a penetrative ductile deformation to the northeast, and metavolcanic rocks with a brittle shearing and deformation to the southeast.

5.2 Property Geology

Regional scale government mapping indicates that the southeastern portion of the property is underlain by Devonian-Mississippian meta-quartzites and quartz-muscovite chlorite schist and the northwestern portion of the property is underlain by mafic and ultramafic meta-volcanic rocks including chlorite-biotite schist, amphibolite, and hornblende gneiss. No detailed property mapping has been completed on the Dow property however Kreft 2011 has made some geological observations on the property and they are outlined below.

The following geological description is taken from Kreft 2011: Outcrops at higher elevations on the ridge east of Browns Creek consist of carbonate and clastic rocks cut by rare volcanic dykes. Outcrops of Nasina Series quartzite, graphitic schist and quartz muscovite schist are found below this unit. At the contact between these two units are occurrences of mafic to ultramafic rocks, variably serpentinized, with occasional areas of extensive limonite development and listwaenite alteration. It appears that the carbonate-clastic unit forms the hangingwall to the thrust, the surface trace of which is marked by the variably altered mafic to ultramafic unit. Occurring within the Nasina Series metasediments are several porphyritic granodiorite to quartz diorite dykes, sills or elongate plugs presumed to be Jurassic in age. Known areas of intrusive are associated with increased arsenic in soil content, but appear to be somewhat distal to areas of gold in soil enrichment. Actual extent of the intrusives is unknown so it may be that the gold in soil values are located at, or within, the yet to be determined margins of the intrusive bodies.



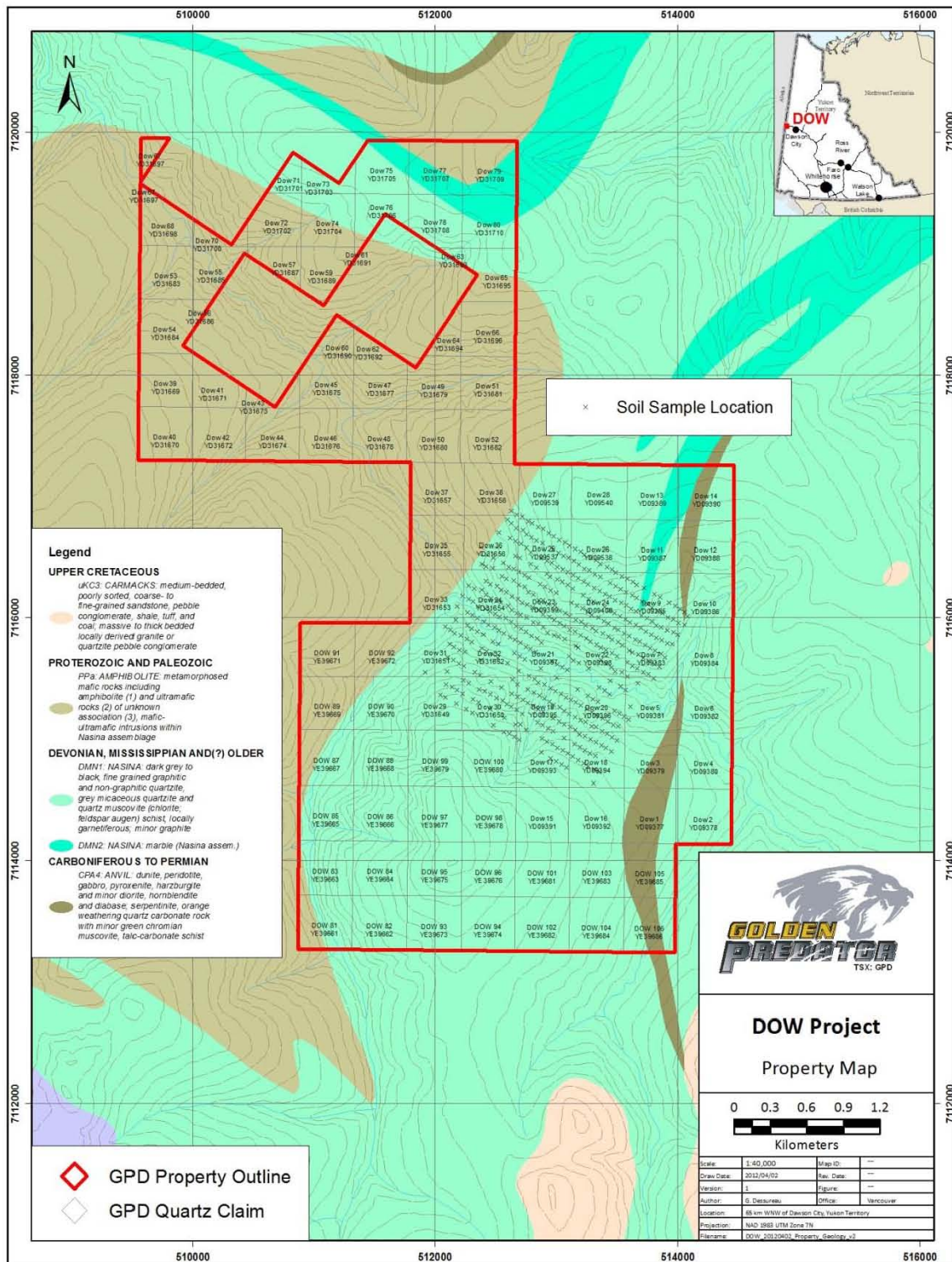


Figure 5-1. Regional Geology DOW area.

6.0 EXPLORATION

6.1 Exploration Program

A 10 man field crew access the property for a total of 3 days on August 26, 27, and 28, 2011. A total of 473 soil samples were collected at 597 stations. Stations were established at 50 spacing on 100m lines to cover the target area. No sample was collected at 134 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 samples were ranked by percentile to determine statistical anomalies for the property. Black circles plot samples ranking in the lower 50th percentile (0.0 - 0.0044 ppm), blue circles are samples ranking in the 50th - 75th percentile (0.0044 - 0.0075 ppm), green circles represent samples in the 75th - 90th percentile (0.0075 - 0.0153 ppm), yellow circles indicate 90 - 95th percentile (0.0153 - 0.0256 ppm), orange 95-98th (0.0256 - 0.0880 ppm) and red circles are the upper 2 percentile (0.0880 - 0.2880 ppm).

6.3 Results

Results from the 2011 soil sampling program highlight 3 zones of anomalous (>98 percentile) gold on both the north and south sides of Browns Creek in the southern portion of the property.

Zone 1 is located on the north side Browns Creek near the junction of a smaller northeast trending stream that feeds into Browns Creek from the south and is a 450 x 200m wide zone with 5 samples above 0.088 ppm gold and up to 0.288 ppm gold. Zone 1 also has elevated Ag, As, and Sb.

Zone 2 is located on the south side of Browns Creek on the north side of a smaller creek that feeds into Browns Creek from the south and consists of two samples with 0.152, and 0.0949 ppm Au respectively.

Zone 3 is located on the south side of Browns Creek near a second smaller creek that feeds into Brown Creek from the south and consists of three samples with 0.092, 0.093, and 0.089 ppm gold respectively.



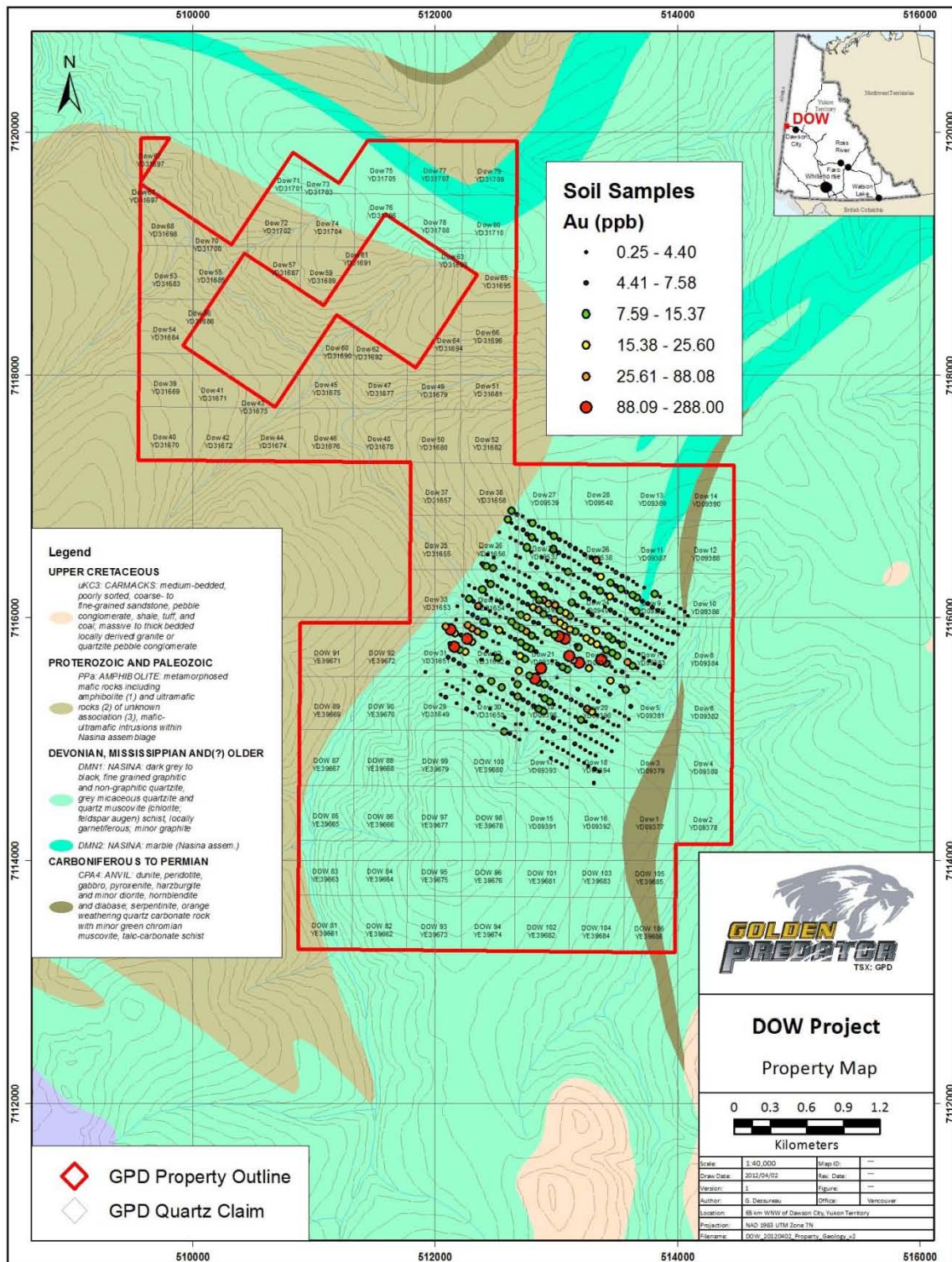


Figure 6-1. Regional Geology DOW area showing Au in soils results.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The DOW property consists of 106 contiguous mineral claims covering an area of approximately 18.91km², located in the Klondike Plateau, north-western Yukon. Golden Predator is exploring the property for structure-hosted, intrusion related gold deposits.

The 2011 soil program consisted of 597 soil samples collected on a 50 x 100 m grid centered on Browns Creek in the southern portion of the claim group. The program identified an anomalous zone on the north-west side of Browns Creek and 2 smaller zones on the south side of the creek. These zones may represent intersections of northeast striking structures and a northwest striking structure represented by Browns Creek.

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 \$37,551.00 as summarized in Table 8-1.

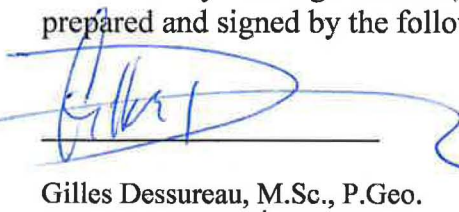
Table 8-1. 2011 Expenditures

Expenditure	Units	Unit Cost	Per	Cost
Wages				
Fox Exploration				\$ 17,880.00
Report Writing	5	\$ 500.00	day	\$ 2,500.00
Transportation				
Helicopter	5.7	\$ 990.00	hour	\$ 5,643.00
Fuel	5.7	\$ 423.00	hour	\$ 2,411.10
Consumables				
Food	6	\$ 200.00	day	\$ 1,200.00
Samples				
Soils	463	\$ 17.10	sample	\$ 7,917.30
Total				\$ 37,551.40
Total Number of Samples		463		
Cost Per Sample	\$ 81.10			



9.0 STATEMENT OF AUTHORSHIP

This Report titled "Assessment Report, 2011 Geochemical Sampling Program, DOW Project, Dawson City Mining Division, Yukon Territory, Canada", and dated March 22nd, 2012 was prepared and signed by the following author:



Gilles Dessureau, M.Sc., P.Geo.
Dated: March 22nd, 2012
Vancouver, British Columbia



10.0 REFERENCES

Kreft, B., 2011. Geochemical Report On The Fortymile Project. Internal Report. Golden Predator Canada Corp.

Mortensen, J.K., unpublished. Geological Compilation Maps of the Southern Dawson Map Area, 1:50,000.



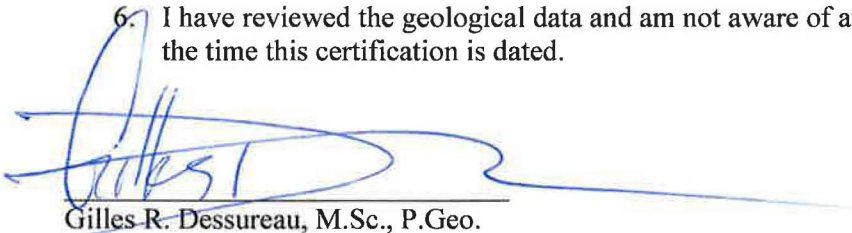
Appendix 1
Statement of Qualifications

Gilles R. Dessureau, M.Sc., P.Geo
11th Floor, 888 Dunsmuir
Vancouver, British Columbia
Canada V6C 3K4
Telephone: 604-648-4653
E-mail: gillesd@goldenpredator.com

CERTIFICATE OF AUTHOR

I, Gilles Dessureau of 11th 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 DOW Property, Dawson Mining Division, Yukon, Canada; dated March 22th, 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.



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

Vancouver, British Columbia
Dated this 22th Day of March, 2012

Appendix 2
Analytical Summary

Sample ID	Samp Code	Code Desc	Prog			Samp By	Samp Date	Comments	Au_ppm	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	
			Code	PrefGrid	Easting									Northing
1165951	Soil	Soil	2011	UTM83-7	513959.07	7115785	SVaag	27/08/2011		0.0029	0.05	8.6	0.2	0.9
1165952	Soil	Soil	2011	UTM83-7	513919.76	7115789.84	SVaag	27/08/2011		0.0008	0.05	3.7	0.05	0.4
1165953	Soil	Soil	2011	UTM83-7	513875.3	7115816.05	SVaag	27/08/2011		0.0041	0.05	3.5	0.05	0.4
1165954	Soil	Soil	2011	UTM83-7	513828.36	7115833.67	SVaag	27/08/2011		0.0049	0.05	11.1	0.2	0.8
1165955	Soil	Soil	2011	UTM83-7	513785.9	7115859.44	SVaag	27/08/2011		0.00025	0.05	5.3	0.05	0.4
1165956	Soil	Soil	2011	UTM83-7	513742.27	7115885.66	SVaag	27/08/2011		0.0013	0.2	14.2	0.2	1.7
1165957	Soil	Soil	2011	UTM83-7	513700.57	7115915.34	SVaag	27/08/2011		0.0032	0.2	19.1	0.2	1.6
1165958	Soil	Soil	2011	UTM83-7	513659.24	7115938.89	SVaag	27/08/2011		0.0066	0.1	7.8	0.05	0.7
1165959	Soil	Soil	2011	UTM83-7	513610.18	7115961.75	SVaag	27/08/2011		0.0008	0.05	5.9	0.1	0.3
1165960	Soil	Soil	2011	UTM83-7	513571.61	7115987.88	SVaag	27/08/2011		0.0069	0.1	16.8	0.2	1
1165961	Soil	Soil	2011	UTM83-7	513529.84	7116013.21	SVaag	27/08/2011		0.0037	0.3	12.1	0.2	0.7
1165962	Soil	Soil	2011	UTM83-7	513483.2	7116039.31	SVaag	27/08/2011		0.0065	0.3	35.8	0.1	0.5
1165963	Soil	Soil	2011	UTM83-7	513444.88	7116064.66	SVaag	27/08/2011		0.0061	0.3	43.7	0.2	0.5
1165964	Soil	Soil	2011	UTM83-7	513402.83	7116085.98	SVaag	27/08/2011		0.0034	0.1	48.8	0.2	0.5
1165965	Soil	Soil	2011	UTM83-7	513309.59	7116132.05	SVaag	27/08/2011		0.0009	0.2	19	0.2	0.3
1165966	Soil	Soil	2011	UTM83-7	513267.05	7116155.49	SVaag	27/08/2011		0.007	0.3	29	0.2	0.3
1165967	Soil	Soil	2011	UTM83-7	513224.87	7116183.95	SVaag	27/08/2011		0.0086	0.1	52.1	0.2	0.4
1165968	Soil	Soil	2011	UTM83-7	513138.4	7116238.74	SVaag	27/08/2011	no sample due to permafrost	0.0023	0.3	47.9	0.2	0.4
1165969	Soil	Soil	2011	UTM83-7	513098.4	7116271.34	SVaag	27/08/2011		0.0023	0.3	44.2	0.3	0.4
1165970	Soil	Soil	2011	UTM83-7	513049.98	7116296.43	SVaag	27/08/2011		0.0018	0.4	21.5	0.2	0.4
1165971	Soil	Soil	2011	UTM83-7	513011.39	7116316.66	SVaag	27/08/2011		0.0071	0.3	37.4	0.2	0.5
1165972	Soil	Soil	2011	UTM83-7	512950.49	7116339.02	SVaag	27/08/2011		0.0024	0.2	22.6	0.2	0.4
1165973	Soil	Soil	2011	UTM83-7	512926.19	7116361.77	SVaag	27/08/2011		0.0033	0.2	24.8	0.2	0.4
1165974	Soil	Soil	2011	UTM83-7	512835.41	7116413.99	SVaag	27/08/2011		0.0048	0.1	26.6	0.2	0.4
1165975	Soil	Soil	2011	UTM83-7	512789.51	7116442.1	SVaag	27/08/2011		0.0047	0.1	22.3	0.2	0.4
1165976	Soil	Soil	2011	UTM83-7	512702.77	7116493.23	SVaag	27/08/2011		0.0005	0.05	8.4	0.3	0.2
1165977	Soil	Soil	2011	UTM83-7	512664.54	7116511.91	SVaag	27/08/2011		0.0024	0.3	16.2	0.2	0.4
1165978	Soil	Soil	2011	UTM83-7	514087.93	7116014.03	SVaag	28/08/2011		0.0013	0.1	8.2	0.1	0.5
1165979	Soil	Soil	2011	UTM83-7	514061.23	7116048.45	SVaag	28/08/2011		0.0023	0.1	8.6	0.1	0.7
1165980	Soil	Soil	2011	UTM83-7	514025.58	7116074.15	SVaag	28/08/2011		0.0027	0.05	5.1	0.05	0.3
1165981	Soil	Soil	2011	UTM83-7	513984.39	7116097.47	SVaag	28/08/2011		0.001	0.05	9.9	0.1	0.4
1165982	Soil	Soil	2011	UTM83-7	513936.78	7116122.78	SVaag	28/08/2011		0.0021	0.05	7.3	0.1	0.6
1165983	Soil	Soil	2011	UTM83-7	513856.89	7116171.67	SVaag	28/08/2011		0.0024	0.1	10.3	0.1	0.8
1165984	Soil	Soil	2011	UTM83-7	513813.57	7116194.88	SVaag	28/08/2011		0.0079	0.1	11	0.1	1
1165985	Soil	Soil	2011	UTM83-7	513723.8	7116245.74	SVaag	28/08/2011		0.0024	0.1	15.8	0.2	0.7
1165986	Soil	Soil	2011	UTM83-7	513665.11	7116272.34	SVaag	28/08/2011		0.0017	0.1	19.7	0.2	0.9
1165987	Soil	Soil	2011	UTM83-7	513633	7116298.27	SVaag	28/08/2011		0.0015	0.1	16.6	0.1	1
1165988	Soil	Soil	2011	UTM83-7	513589.01	7116321.59	SVaag	28/08/2011		0.0059	0.1	11.7	0.1	0.6
1165989	Soil	Soil	2011	UTM83-7	513543.28	7116339.67	SVaag	28/08/2011		0.0058	0.1	14.9	0.2	0.7
1165990	Soil	Soil	2011	UTM83-7	513493.5	7116374.44	SVaag	28/08/2011		0.0048	0.2	26.5	0.1	1.4
1165991	Soil	Soil	2011	UTM83-7	513463.22	7116396.26	SVaag	28/08/2011		0.0029	0.05	13.8	0.1	1.2
1165992	Soil	Soil	2011	UTM83-7	513420.49	7116418.81	SVaag	28/08/2011		0.0024	0.05	9.8	0.1	0.8
1165993	Soil	Soil	2011	UTM83-7	513367.49	7116445.88	SVaag	28/08/2011		0.0043	0.1	22.4	0.2	0.6
1165994	Soil	Soil	2011	UTM83-7	513327.83	7116473.98	SVaag	28/08/2011		0.0395	0.05	86.3	0.2	0.7

1335622	Soil	Soil	2011	UTM83-7	513454.58	7114893.73	SVaag	26/08/2011	hit permafrost at 35cms	0.0013	0.05	6.6	0.1	0.3
1335623	Soil	Soil	2011	UTM83-7	513411.56	7114923.85	SVaag	26/08/2011	hit permafrost at 40cms	0.0015	0.1	6.1	0.1	0.4
1335624	Soil	Soil	2011	UTM83-7	513375.14	7114945.53	SVaag	26/08/2011		0.0012	0.1	7.6	0.2	0.5
1335625	Soil	Soil	2011	UTM83-7	513327.72	7114968.51	SVaag	26/08/2011		0.0021	0.05	8.4	0.1	0.3
1335626	Soil	Soil	2011	UTM83-7	513283.49	7114995.73	SVaag	26/08/2011		0.001	0.1	5	0.2	0.3
1335627	Soil	Soil	2011	UTM83-7	513238.88	7115022.51	SVaag	26/08/2011	hit rock at 35cms	0.0006	0.05	4.2	0.1	0.2
1335628	Soil	Soil	2011	UTM83-7	513192.96	7115038.36	SVaag	26/08/2011		0.0012	0.2	2.7	0.05	0.3
1335629	Soil	Soil	2011	UTM83-7	513157.32	7115069.97	SVaag	26/08/2011		0.0019	0.3	11.9	0.2	0.5
1335630	Soil	Soil	2011	UTM83-7	513114.76	7115095.86	SVaag	26/08/2011		0.0022	0.2	10.7	0.2	0.6
1335632	Soil	Soil	2011	UTM83-7	513068.37	7115117.84	SVaag	26/08/2011	hit permafrost at 35cms	0.0027	0.2	8	0.2	0.3
1335633	Soil	Soil	2011	UTM83-7	513024.8	7115141.17	SVaag	26/08/2011	hit permafrost at 35cms	0.0038	0.3	9.9	0.3	0.6
1335634	Soil	Soil	2011	UTM83-7	512975.77	7115167.15	SVaag	26/08/2011		0.0069	0.2	11.5	0.2	0.8
1335635	Soil	Soil	2011	UTM83-7	512893.8	7115223.34	SVaag	26/08/2011	no sample due to rocks	0.0092	0.3	13.8	0.2	0.9
1335636	Soil	Soil	2011	UTM83-7	512853.87	7115247.44	SVaag	26/08/2011		0.0098	0.6	48.6	0.4	1.3
1335637	Soil	Soil	2011	UTM83-7	512813.41	7115269.55	SVaag	26/08/2011		0.005	0.3	78.5	0.3	0.9
1335638	Soil	Soil	2011	UTM83-7	512766.73	7115293.66	SVaag	26/08/2011		0.0072	0.1	95.2	0.5	1.4
1335639	Soil	Soil	2011	UTM83-7	512724.65	7115321.68	SVaag	26/08/2011		0.0062	0.3	55.5	0.6	1.5
1335640	Soil	Soil	2011	UTM83-7	512681.42	7115345.9	SVaag	26/08/2011		0.0116	0.4	123.4	0.4	1.9
1335641	Soil	Soil	2011	UTM83-7	512632.79	7115371	SVaag	26/08/2011		0.0059	0.4	23	0.3	1
1335642	Soil	Soil	2011	UTM83-7	512547.47	7115423.48	SVaag	26/08/2011	no sample due to rocks	0.0089	0.2	17.5	0.2	1
1335643	Soil	Soil	2011	UTM83-7	512460.89	7115473.52	SVaag	26/08/2011	no sample due to permafrost	0.01	0.2	16.1	0.2	0.8
1335644	Soil	Soil	2011	UTM83-7	512374.31	7115523.56	SVaag	26/08/2011	no sample due to permafrost	0.0052	0.1	5.8	0.2	0.4
1335645	Soil	Soil	2011	UTM83-7	512334.88	7115550.77	SVaag	26/08/2011	no picture ran out of batteries	0.0041	0.2	19	0.2	0.7
1335646	Soil	Soil	2011	UTM83-7	512244.44	7115598.61	SVaag	26/08/2011		0.005	0.4	17.5	0.2	0.5
1335647	Soil	Soil	2011	UTM83-7	512204.44	7115621.24	SVaag	26/08/2011	no picture ran out of batteries	0.0058	0.7	39	0.2	1
1335648	Soil	Soil	2011	UTM83-7	512159.01	7115650.59	SVaag	26/08/2011	no picture ran out of batteries	0.0049	0.2	99.9	0.2	0.6
1335649	Soil	Soil	2011	UTM83-7	512112.65	7115669.24	SVaag	26/08/2011		0.0023	0.05	13.4	0.2	0.4
1335650	2-Soil	Duplicate	2011	UTM83-7	512112.65	7115669.24	SVaag	26/08/2011	duplicate of 1335649	0.0064	0.05	15.4	0.2	0.5
1335939	Soil	Soil	2011	UTM83-7	513323.41	7114859.2	JGnft	26/08/2011		0.0023	0.05	6.3	0.2	0.4
1335940	Soil	Soil	2011	UTM83-7	513280.07	7114880.8	JGnft	26/08/2011		0.0044	0.05	5.9	0.2	0.5
1335941	Soil	Soil	2011	UTM83-7	513240.67	7114903.28	JGnft	26/08/2011		0.0044	0.2	2.5	0.1	0.4
1335942	Soil	Soil	2011	UTM83-7	513197.28	7114930.63	JGnft	26/08/2011		0.003	0.1	4.2	0.1	0.2
1335943	Soil	Soil	2011	UTM83-7	513152.35	7114957.94	JGnft	26/08/2011		0.0049	0.05	5	0.1	0.3
1335944	Soil	Soil	2011	UTM83-7	513066.1	7115008.56	JGnft	26/08/2011		0.0051	0.3	11	0.3	0.5
1335945	Soil	Soil	2011	UTM83-7	512974.7	7115060.55	JGnft	26/08/2011		0.0062	0.3	9	0.2	0.8
1335946	Soil	Soil	2011	UTM83-7	512934.37	7115086.47	JGnft	26/08/2011		0.0053	0.05	9.4	0.2	0.6
1335947	Soil	Soil	2011	UTM83-7	512889.35	7115110.61	JGnft	26/08/2011		0.0033	0.2	21.1	0.2	0.9
1335948	Soil	Soil	2011	UTM83-7	512848.77	7115133.68	JGnft	26/08/2011		0.0007	0.4	9	0.2	0.5
1335949	Soil	Soil	2011	UTM83-7	512719.81	7115203.21	JGnft	26/08/2011		0.0065	0.7	21	0.2	3.4
1335950	Soil	Soil	2011	UTM83-7	512672.97	7115237.56	JGnft	26/08/2011	50cm moss	0.005	0.7	23.4	0.3	2
1336417	Soil	Soil	2011	UTM83-7	513503.39	7114986	RGfry	26/08/2011	frozen after 30 cm	0.0021	0.05	5.9	0.1	0.3
1336418	Soil	Soil	2011	UTM83-7	513461.04	7115012.32	RGfry	26/08/2011	frozen after 50 cm	0.0015	0.1	3.3	0.1	0.2
1336419	Soil	Soil	2011	UTM83-7	513420.87	7115041.94	RGfry	26/08/2011		0.0019	0.1	5.3	0.1	0.5
1336420	Soil	Soil	2011	UTM83-7	513380.42	7115062.37	RGfry	26/08/2011		0.0014	0.05	2.5	0.05	0.2
1336421	Soil	Soil	2011	UTM83-7	513329.2	7115099.56	RGfry	26/08/2011	rocky terrian	0.003	0.05	10.9	0.05	0.05
1336422	Soil	Soil	2011	UTM83-7	513292.45	7115104.19	RGfry	26/08/2011	rocky terrian	0.0045	0.1	1.6	0.05	0.2

1336423	Soil	Soil	2011 UTM83-7	513244.79	7115136.17	RGfry	26/08/2011	frozen after 30 cm	0.0043	0.2	12	0.2	0.7
1336424	Soil	Soil	2011 UTM83-7	513203.36	7115155.28	RGfry	26/08/2011	frozen after 430 cm, rocky terrian	0.0078	0.3	34.8	0.2	1.3
1336425	Soil	Soil	2011 UTM83-7	513158.79	7115180.26	RGfry	26/08/2011		0.0023	0.2	34.5	0.3	1.8
1336426	Soil	Soil	2011 UTM83-7	513108.2	7115205.58	RGfry	26/08/2011		0.0035	0.2	17.5	0.3	0.7
1336427	Soil	Soil	2011 UTM83-7	513067.25	7115231.87	RGfry	26/08/2011		0.0023	0.05	19.6	0.3	0.9
1336428	Soil	Soil	2011 UTM83-7	513027.86	7115260.39	RGfry	26/08/2011		0.0027	0.05	22.4	0.2	1.1
1336429	Soil	Soil	2011 UTM83-7	512978.54	7115281.04	RGfry	26/08/2011	sample in midle of creek bed	0.0037	0.4	20.3	0.2	1.1
1336430	Soil	Soil	2011 UTM83-7	512945.81	7115307.48	RGfry	26/08/2011		0.0099	0.5	70.1	0.3	4.5
1336431	Soil	Soil	2011 UTM83-7	512901.19	7115333.75	RGfry	26/08/2011	sample taken on west side of crk.	0.0098	0.5	339.8	0.3	2.4
1336432	Soil	Soil	2011 UTM83-7	512861.71	7115354.4	RGfry	26/08/2011		0.0022	0.3	282.1	0.4	2.8
1336433	Soil	Soil	2011 UTM83-7	512816.42	7115382.58	RGfry	26/08/2011	shallow due to rock	0.0007	0.3	32.4	0.2	1.4
1336434	Soil	Soil	2011 UTM83-7	512766.44	7115408.18	RGfry	26/08/2011		0.0011	0.3	201	0.3	2.2
1336435	Soil	Soil	2011 UTM83-7	512679.32	7115447.91	RGfry	26/08/2011	shallow due to rock	0.0149	0.3	83.8	0.2	1.8
1336436	Soil	Soil	2011 UTM83-7	512636.97	7115486.51	RGfry	26/08/2011		0.0038	0.05	50.1	0.2	1.4
1336437	Soil	Soil	2011 UTM83-7	512384.22	7115649.16	RGfry	26/08/2011	shallow due to rock	0.00025	0.2	10.6	0.1	1.3
1336438	Soil	Soil	2011 UTM83-7	512250.93	7115716.6	RGfry	26/08/2011		0.0256	0.1	72.3	0.2	1.1
1336439	Soil	Soil	2011 UTM83-7	512206.8	7115734.41	RGfry	26/08/2011		0.0115	0.2	25.8	0.3	1
1336440	Soil	Soil	2011 UTM83-7	512159.52	7115759.76	RGfry	26/08/2011		0.0892	0.2	280.9	0.3	1.1
1336441	Soil	Soil	2011 UTM83-7	512124.8	7115781.43	RGfry	26/08/2011	shallow due to rock	0.0056	0.05	59.4	0.2	0.6
1336442	Soil	Soil	2011 UTM83-7	514006.48	7115858.23	RGfry	27/08/2011		0.0042	0.1	10	0.1	0.6
1336443	Soil	Soil	2011 UTM83-7	513967.7	7115878.65	RGfry	27/08/2011		0.0052	0.1	9.6	0.2	0.7
1336444	Soil	Soil	2011 UTM83-7	513919.13	7115894.41	RGfry	27/08/2011		0.0017	0.05	5.2	0.05	0.4
1336445	Soil	Soil	2011 UTM83-7	513866.86	7115922.89	RGfry	27/08/2011		0.001	0.05	1	0.05	0.3
1336446	Soil	Soil	2011 UTM83-7	513826.77	7115934.63	RGfry	27/08/2011		0.0015	0.05	10.6	0.2	0.7
1336447	Soil	Soil	2011 UTM83-7	513794.78	7115969.3	RGfry	27/08/2011		0.0026	0.1	10.3	0.1	0.7
1336448	Soil	Soil	2011 UTM83-7	513754.09	7115994.9	RGfry	27/08/2011		0.0032	0.1	13.7	0.2	0.9
1336449	Soil	Soil	2011 UTM83-7	513707.75	7116016.71	RGfry	27/08/2011		0.0072	0.05	15.3	0.2	0.9
1336450	Soil	Soil	2011 UTM83-7	513661.37	7116050.15	RGfry	27/08/2011		0.0106	0.3	15.6	0.2	1.3
1336451	Soil	Soil	2011 UTM83-7	513621.3	7116075.15	RGfry	27/08/2011		0.0047	0.05	13.1	0.2	1.1
1336452	Soil	Soil	2011 UTM83-7	513576.9	7116101.19	RGfry	27/08/2011		0.0057	0.05	22.8	0.2	1.5
1336453	Soil	Soil	2011 UTM83-7	513535.98	7116123.57	RGfry	27/08/2011		0.0022	0.05	18.6	0.2	1.6
1336454	Soil	Soil	2011 UTM83-7	513488.02	7116145.03	RGfry	27/08/2011		0.0053	0.2	17.1	0.2	1
1336455	Soil	Soil	2011 UTM83-7	513443.93	7116172.74	RGfry	27/08/2011		0.0187	0.1	29.5	0.2	0.6
1336456	Soil	Soil	2011 UTM83-7	513407.07	7116196.8	RGfry	27/08/2011		0.0028	0.05	21.7	0.2	0.6
1336457	Soil	Soil	2011 UTM83-7	513361.74	7116221.92	RGfry	27/08/2011		0.0093	0.05	59.9	0.3	0.7
1336458	Soil	Soil	2011 UTM83-7	513316.68	7116247.13	RGfry	27/08/2011		0.0072	0.05	45.2	0.3	0.6
1336459	Soil	Soil	2011 UTM83-7	513264.55	7116277.74	RGfry	27/08/2011		0.002	0.2	22.8	0.2	0.6
1336460	Soil	Soil	2011 UTM83-7	513227.77	7116298.46	RGfry	27/08/2011		0.0045	0.2	27.6	0.4	0.6
1336461	Soil	Soil	2011 UTM83-7	513183.47	7116326.29	RGfry	27/08/2011		0.0011	0.3	18.8	0.3	0.4
1336462	Soil	Soil	2011 UTM83-7	513140.34	7116350.3	RGfry	27/08/2011		0.00025	0.05	24.9	0.5	0.5
1336463	Soil	Soil	2011 UTM83-7	513095.06	7116375.65	RGfry	27/08/2011		0.01	0.05	20.5	0.2	0.6
1336464	Soil	Soil	2011 UTM83-7	513056.18	7116396.51	RGfry	27/08/2011		0.001	0.1	30.4	0.3	0.4
1336465	Soil	Soil	2011 UTM83-7	513007.84	7116419.85	RGfry	27/08/2011		0.0059	0.2	23.3	0.3	0.6
1336466	Soil	Soil	2011 UTM83-7	512966.26	7116453.25	RGfry	27/08/2011		0.0016	0.1	24.3	0.3	0.5
1336467	Soil	Soil	2011 UTM83-7	512921.74	7116471.52	RGfry	27/08/2011		0.0011	0.3	18.5	0.3	0.4
1336468	Soil	Soil	2011 UTM83-7	512876.68	7116493.41	RGfry	27/08/2011		0.004	0.3	16.6	0.3	0.6

1336469	Soil	Soil	2011 UTM83-7	512793.9	7116542.55	RGfry	27/08/2011	0.0019	0.1	14.7	0.2	0.4
1336470	Soil	Soil	2011 UTM83-7	512753.72	7116575.12	RGfry	27/08/2011	0.0092	0.3	19.1	0.3	0.6
1336471	Soil	Soil	2011 UTM83-7	512708.6	7116604.59	RGfry	27/08/2011	0.0029	0.3	18.2	0.2	0.6
1336472	Soil	Soil	2011 UTM83-7	512664.44	7116624.1	RGfry	27/08/2011 SHALLOW DUE TO ROCK	0.0041	0.2	32.3	0.4	0.7
1336473	Soil	Soil	2011 UTM83-7	512620.96	7116651.96	RGfry	27/08/2011	0.0025	0.2	18.3	0.3	0.6
1336474	Soil	Soil	2011 UTM83-7	512528.11	7116696.41	RGfry	27/08/2011	0.003	0.2	11	0.3	0.3
1336475	Soil	Soil	2011 UTM83-7	512596.15	7116805.5	RGfry	28/08/2011 WATER IN HOLE	0.0078	0.3	17.1	0.3	0.5
1336476	Soil	Soil	2011 UTM83-7	512630.01	7116772.22	RGfry	28/08/2011 WATER IN HOLE	0.0029	0.2	30.7	0.2	0.6
1336477	Soil	Soil	2011 UTM83-7	512668.41	7116731.66	RGfry	28/08/2011 WATER IN HOLE	0.0058	0.3	15.1	0.2	0.6
1336478	Soil	Soil	2011 UTM83-7	512726.48	7116716.11	RGfry	28/08/2011	0.0058	0.1	16.8	0.3	0.5
1336479	Soil	Soil	2011 UTM83-7	512755.53	7116683.09	RGfry	28/08/2011	0.0052	0.8	13	0.2	0.4
1336480	Soil	Soil	2011 UTM83-7	512796.79	7116654.6	RGfry	28/08/2011 SHALLOW DUE TO ROCK	0.0079	0.4	19.9	0.2	0.5
1336481	Soil	Soil	2011 UTM83-7	512839.65	7116629.35	RGfry	28/08/2011 MICA PRESENT	0.0021	0.05	13.2	0.2	0.7
1336482	Soil	Soil	2011 UTM83-7	512885.69	7116611.57	RGfry	28/08/2011	0.0047	0.2	27.7	0.2	0.6
1336483	Soil	Soil	2011 UTM83-7	512973.14	7116561.2	RGfry	28/08/2011	0.0143	0.05	18.5	0.5	0.5
1336484	Soil	Soil	2011 UTM83-7	513019.13	7116536.33	RGfry	28/08/2011	0.0061	0.05	13.8	0.2	0.6
1336485	Soil	Soil	2011 UTM83-7	513061.82	7116511.87	RGfry	28/08/2011 MICA PRESENT	0.0052	0.3	18.2	0.3	0.6
1336486	Soil	Soil	2011 UTM83-7	513102.38	7116492.79	RGfry	28/08/2011 SHALLOW DUE TO ROCK	0.0015	0.3	9.6	0.3	0.5
1336487	Soil	Soil	2011 UTM83-7	513147.94	7116468.91	RGfry	28/08/2011	0.0044	0.1	18.7	0.3	0.7
1336488	Soil	Soil	2011 UTM83-7	513188	7116436.26	RGfry	28/08/2011	0.0024	0.05	41.9	0.2	0.8
1336489	Soil	Soil	2011 UTM83-7	513234.78	7116401.37	RGfry	28/08/2011	0.0056	0.05	44.4	0.2	0.8
1336490	Soil	Soil	2011 UTM83-7	513276.38	7116393.17	RGfry	28/08/2011	0.006	0.05	17.5	0.2	0.8
1336669	Soil	Soil	2011 UTM83-7	513355.12	7114729.02	GvGdu	26/08/2011 ROCKY	0.0016	0.1	6.3	0.1	0.3
1336670	Soil	Soil	2011 UTM83-7	513312.9	7114748.38	GvGdu	26/08/2011	0.0058	0.1	4.2	0.1	0.3
1336671	Soil	Soil	2011 UTM83-7	513266.22	7114773.81	GvGdu	26/08/2011	0.001	0.1	4.3	0.1	0.4
1336672	Soil	Soil	2011 UTM83-7	513230.25	7114800.22	GvGdu	26/08/2011	0.0021	0.1	5.4	0.2	0.3
1336673	Soil	Soil	2011 UTM83-7	513183.37	7114821.59	GvGdu	26/08/2011	0.0026	0.05	6.1	0.1	0.4
1336674	Soil	Soil	2011 UTM83-7	513139.18	7114851.55	GvGdu	26/08/2011 ROCKY	0.0013	0.1	2.8	0.2	0.2
1336675	Soil	Soil	2011 UTM83-7	513098.42	7114877.72	GvGdu	26/08/2011	0.0028	0.1	5.9	0.2	0.3
1336676	Soil	Soil	2011 UTM83-7	513057.51	7114902.37	GvGdu	26/08/2011	0.0011	0.05	4.8	0.1	0.3
1336677	Soil	Soil	2011 UTM83-7	513007.83	7114926.68	GvGdu	26/08/2011	0.0037	0.2	19.7	0.2	0.6
1336678	Soil	Soil	2011 UTM83-7	512970.22	7114954.45	GvGdu	26/08/2011 ROCKY	0.0033	0.3	11.3	0.3	1
1336679	Soil	Soil	2011 UTM83-7	512923.56	7114974.55	GvGdu	26/08/2011	0.0037	0.2	9.4	0.2	0.8
1336680	Soil	Soil	2011 UTM83-7	512885.39	7115002.41	GvGdu	26/08/2011	0.0034	0.3	10.6	0.3	0.7
1336681	Soil	Soil	2011 UTM83-7	512750.08	7115074.76	GvGdu	26/08/2011 ROCKY	0.0013	0.3	10.6	0.2	1
1336682	Soil	Soil	2011 UTM83-7	512703.18	7115116.31	GvGdu	26/08/2011 ROCKY	0.0009	0.2	11.3	0.2	0.6
1336683	Soil	Soil	2011 UTM83-7	512663.11	7115120.16	GvGdu	26/08/2011 ROCKY	0.0034	0.05	15.9	0.1	1.1
1336684	Soil	Soil	2011 UTM83-7	512575.58	7115175.98	GvGdu	26/08/2011	0.0015	0.2	17	0.2	2.7
1336685	Soil	Soil	2011 UTM83-7	512449	7115246.4	GvGdu	26/08/2011	0.0014	0.05	10	0.1	0.6
1336686	Soil	Soil	2011 UTM83-7	512364.19	7115300.16	GvGdu	26/08/2011	0.0035	0.1	13.8	0.2	0.7
1336687	Soil	Soil	2011 UTM83-7	512318.48	7115327.21	GvGdu	26/08/2011 ROCKY	0.003	0.2	12.9	0.1	0.9
1336688	Soil	Soil	2011 UTM83-7	512233.73	7115371.47	GvGdu	26/08/2011	0.0033	0.2	9.7	0.1	0.7
1336689	Soil	Soil	2011 UTM83-7	512185.98	7115401.53	GvGdu	26/08/2011	0.0038	0.2	8.6	0.2	0.5
1336690	Soil	Soil	2011 UTM83-7	512144.11	7115428.98	GvGdu	26/08/2011 ROCKY	0.0014	0.2	11	0.2	0.5
1336691	Soil	Soil	2011 UTM83-7	512097.91	7115449.58	GvGdu	26/08/2011	0.0025	0.1	8.6	0.1	0.5
1336692	Soil	Soil	2011 UTM83-7	511925.63	7115550.31	GvGdu	26/08/2011	0.0033	0.4	73.5	0.2	0.4

1336693	Soil	Soil	2011 UTM83-7	513855.56	7115593.1	GvGdu	27/08/2011	0.005	0.05	8	0.1	0.5
1336694	Soil	Soil	2011 UTM83-7	513812.87	7115618.16	GvGdu	27/08/2011	0.0027	0.05	5.4	0.1	0.5
1336695	Soil	Soil	2011 UTM83-7	513766.04	7115642.87	GvGdu	27/08/2011	0.0036	0.05	9.7	0.1	0.7
1336696	Soil	Soil	2011 UTM83-7	513722.55	7115664.64	GvGdu	27/08/2011	0.001	0.05	2.8	0.05	0.2
1336697	Soil	Soil	2011 UTM83-7	513682.16	7115697.11	GvGdu	27/08/2011	0.0039	0.1	26.3	0.05	4.3
1336698	Soil	Soil	2011 UTM83-7	513631.62	7115712.29	GvGdu	27/08/2011 ROCKY	0.0013	0.05	19.9	0.1	2
1336699	Soil	Soil	2011 UTM83-7	513606.4	7115729.76	GvGdu	27/08/2011 ROCKY	0.0021	0.3	11.5	0.1	0.8
1336700	Soil	Soil	2011 UTM83-7	513549.44	7115772.63	GvGdu	27/08/2011	0.0108	0.2	21.9	0.2	3
1336701	Soil	Soil	2011 UTM83-7	513511.83	7115797.66	GvGdu	27/08/2011	0.0046	0.2	21.7	0.2	0.6
1336702	Soil	Soil	2011 UTM83-7	513463.91	7115816.85	GvGdu	27/08/2011	0.0078	0.2	27.3	0.2	0.5
1336703	Soil	Soil	2011 UTM83-7	513429.39	7115846.35	GvGdu	27/08/2011 ROCKY	0.0091	0.2	57.4	0.2	0.5
1336704	Soil	Soil	2011 UTM83-7	513384.88	7115868.76	GvGdu	27/08/2011 ROCKY	0.0027	0.2	31.2	0.2	0.4
1336705	Soil	Soil	2011 UTM83-7	513327.93	7115888.74	GvGdu	27/08/2011	0.0155	0.2	223.6	0.2	0.5
1336706	Soil	Soil	2011 UTM83-7	513298.74	7115913.06	GvGdu	27/08/2011 ROCKY	0.0028	0.1	60.3	0.2	0.4
1336707	Soil	Soil	2011 UTM83-7	513246.05	7115933.39	GvGdu	27/08/2011	0.0067	0.1	37	0.2	0.4
1336708	Soil	Soil	2011 UTM83-7	513206.31	7115964.78	GvGdu	27/08/2011	0.0013	0.05	20.9	0.1	0.4
1336709	Soil	Soil	2011 UTM83-7	513164.92	7115983.32	GvGdu	27/08/2011	0.0039	0.05	36.9	0.2	0.5
1336710	Soil	Soil	2011 UTM83-7	513110.98	7116010.83	GvGdu	27/08/2011	0.0138	0.1	56.3	0.2	0.8
1336711	Soil	Soil	2011 UTM83-7	513073.96	7116035.34	GvGdu	27/08/2011 ROCKY	0.0203	0.2	100	0.2	0.9
1336712	Soil	Soil	2011 UTM83-7	513030.56	7116059.92	GvGdu	27/08/2011	0.0151	0.3	63.9	0.2	1
1336713	Soil	Soil	2011 UTM83-7	512988.09	7116100.94	GvGdu	27/08/2011	0.0385	0.2	191.5	0.2	1.2
1336714	Soil	Soil	2011 UTM83-7	512931.5	7116114.59	GvGdu	27/08/2011	0.0214	0.1	64.4	0.2	1.1
1336715	Soil	Soil	2011 UTM83-7	512894.49	7116146.12	GvGdu	27/08/2011	0.0386	0.2	88.3	0.2	0.8
1336716	Soil	Soil	2011 UTM83-7	512856.94	7116144.34	GvGdu	27/08/2011 ROCKY	0.0102	0.3	49.6	0.2	0.7
1336717	Soil	Soil	2011 UTM83-7	512809.97	7116189.79	GvGdu	27/08/2011	0.0077	0.1	21.4	0.2	0.5
1336718	Soil	Soil	2011 UTM83-7	512771.29	7116210.39	GvGdu	27/08/2011 ROCKY	0.0056	0.5	13	0.3	0.5
1336719	Soil	Soil	2011 UTM83-7	512738.62	7116256.49	GvGdu	27/08/2011	0.0051	0.2	15.5	0.2	0.5
1336720	Soil	Soil	2011 UTM83-7	512687.82	7116272.35	GvGdu	27/08/2011	0.0061	0.2	18.9	0.2	0.6
1336721	Soil	Soil	2011 UTM83-7	512648.34	7116305.5	GvGdu	27/08/2011	0.0039	0.2	6.5	0.2	0.3
1336722	Soil	Soil	2011 UTM83-7	512587.72	7116320.58	GvGdu	27/08/2011 ROCKY	0.0075	0.1	14	0.2	0.6
1336723	Soil	Soil	2011 UTM83-7	512551.32	7116341.49	GvGdu	27/08/2011 ROCKY	0.0057	0.1	11.8	0.2	0.4
1336724	Soil	Soil	2011 UTM83-7	512476.7	7116409.09	GvGdu	27/08/2011	0.0105	0.2	154.2	0.4	0.4
1336725	Soil	Soil	2011 UTM83-7	512422.18	7116421.47	GvGdu	27/08/2011 ROCKY ++++	0.0092	0.2	23.1	0.3	0.3
1336726	Soil	Soil	2011 UTM83-7	512388.75	7116444.5	GvGdu	27/08/2011	0.0061	0.1	40.8	0.2	0.4
1336727	Soil	Soil	2011 UTM83-7	512629.43	7116874.01	GvGdu	28/08/2011	0.0087	0.2	24.9	0.3	0.8
1336728	Soil	Soil	2011 UTM83-7	512676.34	7116845.43	GvGdu	28/08/2011	0.0045	0.1	40	0.2	0.7
1336729	Soil	Soil	2011 UTM83-7	512720.83	7116828.8	GvGdu	28/08/2011	0.0022	0.1	36.5	0.3	0.7
1336730	Soil	Soil	2011 UTM83-7	512771.45	7116791.22	GvGdu	28/08/2011	0.0027	0.1	18.2	0.2	0.5
1336731	Soil	Soil	2011 UTM83-7	512803.28	7116771.29	GvGdu	28/08/2011 ROCKY	0.0094	0.1	11.1	0.2	0.6
1336732	Soil	Soil	2011 UTM83-7	512850.2	7116745.28	GvGdu	28/08/2011	0.0028	0.2	13.9	0.2	0.5
1336733	Soil	Soil	2011 UTM83-7	512894.96	7116725.55	GvGdu	28/08/2011 ROCKY	0.0055	0.05	18.3	0.2	0.7
1336734	Soil	Soil	2011 UTM83-7	512939.81	7116690.01	GvGdu	28/08/2011	0.0053	0.1	17.9	0.2	0.7
1336735	Soil	Soil	2011 UTM83-7	512981.96	7116667.77	GvGdu	28/08/2011	0.0102	0.2	16.4	0.2	0.6
1336736	Soil	Soil	2011 UTM83-7	513023.67	7116637.71	GvGdu	28/08/2011 ROCKY	0.0071	0.1	25.7	0.2	0.7
1336737	Soil	Soil	2011 UTM83-7	513074.81	7116616.22	GvGdu	28/08/2011	0.0044	0.05	16.7	0.2	0.6
1336738	Soil	Soil	2011 UTM83-7	513110.57	7116592.68	GvGdu	28/08/2011 rocky, can't dig deeper than 35cm	0.0064	0.05	8	0.3	0.5

1336739	Soil	Soil	2011	UTM83-7	513157.69	7116565.97	GvGdu	28/08/2011		0.0062	0.05	9.2	0.2	0.6
1336740	Soil	Soil	2011	UTM83-7	513201.77	7116547.23	GvGdu	28/08/2011	ridge top, solid rock in the bottum	0.0036	0.1	16	0.2	0.6
1336741	Soil	Soil	2011	UTM83-7	513234.83	7116522.17	GvGdu	28/08/2011	ridge top, solid rock in the bottum	0.0061	0.4	22.5	0.3	0.8
1336742	Soil	Soil	2011	UTM83-7	513287.84	7116494.85	GvGdu	28/08/2011	ROCKY	0.0059	0.05	40.3	0.2	0.8
1337193	Soil	Soil	2011	UTM83-7	513614.22	7115263.72	TRead	27/08/2011		0.0072	0.05	7.6	0.1	0.5
1337194	Soil	Soil	2011	UTM83-7	513441.88	7115366.61	TRead	27/08/2011		0.0053	0.05	11.8	0.2	2.3
1337195	Soil	Soil	2011	UTM83-7	513399.15	7115396.96	TRead	27/08/2011		0.0008	0.05	6.1	0.1	0.7
1337196	Soil	Soil	2011	UTM83-7	513354.41	7115420.5	TRead	27/08/2011		0.0023	0.1	9.8	0.2	0.9
1337197	Soil	Soil	2011	UTM83-7	513089.23	7115568.02	TRead	27/08/2011		0.0135	0.2	36.1	0.2	1.6
1337198	Soil	Soil	2011	UTM83-7	513050.18	7115591.48	TRead	27/08/2011		0.0091	0.2	18.9	0.3	0.8
1337199	Soil	Soil	2011	UTM83-7	513008.59	7115618.05	TRead	27/08/2011		0.006	0.05	17.9	0.2	0.9
1337200	Soil	Soil	2011	UTM83-7	512965.61	7115641.5	TRead	27/08/2011		0.0039	0.1	13.2	0.2	1
1337201	Soil	Soil	2011	UTM83-7	512832.46	7115719.17	TRead	27/08/2011		0.0068	0.2	20.8	0.2	1.3
1337202	Soil	Soil	2011	UTM83-7	512787.1	7115742.05	TRead	27/08/2011		0.0108	0.1	17.4	0.2	1.1
1337203	Soil	Soil	2011	UTM83-7	512748.97	7115757.94	TRead	27/08/2011		0.0093	0.5	121.9	0.2	1.4
1337204	Soil	Soil	2011	UTM83-7	512707.19	7115795.99	TRead	27/08/2011		0.0137	0.3	86.1	0.4	3.6
1337205	Soil	Soil	2011	UTM83-7	512660.91	7115818.31	TRead	27/08/2011		0.0061	0.1	46.9	0.3	1
1337206	Soil	Soil	2011	UTM83-7	512619.2	7115841.43	TRead	27/08/2011		0.0062	0.2	34.7	0.2	0.7
1337207	Soil	Soil	2011	UTM83-7	512570.52	7115869.42	TRead	27/08/2011		0.0027	0.2	10.6	0.5	0.8
1337208	Soil	Soil	2011	UTM83-7	512527.45	7115893.21	TRead	27/08/2011		0.0193	0.5	33	0.3	1.6
1337209	Soil	Soil	2011	UTM83-7	512491.94	7115920.37	TRead	27/08/2011		0.0043	0.1	20.6	0.1	1.4
1337210	Soil	Soil	2011	UTM83-7	512442.46	7115942.79	TRead	27/08/2011		0.005	0.1	16.5	0.2	1.1
1337211	Soil	Soil	2011	UTM83-7	512405.51	7115967.05	TRead	27/08/2011		0.0097	0.2	15.9	0.2	1.1
1337212	Soil	Soil	2011	UTM83-7	512355.27	7115995.93	TRead	27/08/2011		0.006	0.1	26.7	0.1	1
1337213	Soil	Soil	2011	UTM83-7	512314.92	7116021.06	TRead	27/08/2011		0.0055	0.1	16.1	0.2	1.3
1337214	Soil	Soil	2011	UTM83-7	512275.4	7116043.64	TRead	27/08/2011		0.0034	0.1	10.1	0.2	0.7
1337215	Soil	Soil	2011	UTM83-7	512187.5	7116094.89	TRead	27/08/2011		0.0027	0.1	10.5	0.2	0.8
1337407	Soil	Soil	2011	UTM83-7	513307.79	7114637.9	MOIsn	26/08/2011		0.0022	0.05	6	0.1	0.5
1337409	Soil	Soil	2011	UTM83-7	513087.47	7114763.55	MOIsn	26/08/2011		0.0009	0.05	1.1	0.05	0.2
1337410	Soil	Soil	2011	UTM83-7	513046.85	7114789.35	MOIsn	26/08/2011		0.0015	0.05	4.4	0.05	0.3
1337411	Soil	Soil	2011	UTM83-7	513001.48	7114810.78	MOIsn	26/08/2011		0.0022	0.05	3.4	0.1	0.4
1337412	Soil	Soil	2011	UTM83-7	512954.68	7114838.22	MOIsn	26/08/2011		0.0028	0.2	6.3	0.2	1.4
1337413	Soil	Soil	2011	UTM83-7	512875.68	7114888.59	MOIsn	26/08/2011		0.0034	0.1	16.3	0.3	0.6
1337414	Soil	Soil	2011	UTM83-7	512696.25	7114991.6	MOIsn	26/08/2011		0.0023	0.4	11.5	0.2	1.3
1337415	Soil	Soil	2011	UTM83-7	512652.96	7115015.82	MOIsn	26/08/2011		0.0013	0.05	11.4	0.2	0.9
1337416	Soil	Soil	2011	UTM83-7	512612.21	7115040.06	MOIsn	26/08/2011		0.0059	0.3	12.9	0.2	2
1337417	Soil	Soil	2011	UTM83-7	512568.76	7115058.27	MOIsn	26/08/2011		0.0094	0.05	15.8	0.2	1.8
1337418	Soil	Soil	2011	UTM83-7	512484.26	7115113.54	MOIsn	26/08/2011		0.0038	0.3	13.6	0.2	1.6
1337419	Soil	Soil	2011	UTM83-7	512313.9	7115215.26	MOIsn	26/08/2011		0.0035	0.2	11.1	0.2	1.2
1337420	Soil	Soil	2011	UTM83-7	512261.26	7115244.03	MOIsn	26/08/2011		0.0051	0.2	12.1	0.2	1.3
1337421	Soil	Soil	2011	UTM83-7	512183.18	7115289.74	MOIsn	26/08/2011		0.0043	0.2	10.7	0.2	0.9
1337422	Soil	Soil	2011	UTM83-7	512090.6	7115340.42	MOIsn	26/08/2011		0.005	0.05	9.2	0.2	0.7
1337423	Soil	Soil	2011	UTM83-7	512051.12	7115364.22	MOIsn	26/08/2011		0.0025	0.2	9	0.2	0.7
1337424	Soil	Soil	2011	UTM83-7	513807.38	7115500.38	MOIsn	27/08/2011		0.0033	0.05	3.5	0.2	0.6
1337425	Soil	Soil	2011	UTM83-7	513763.7	7115536.29	MOIsn	27/08/2011		0.0016	0.1	7	0.1	1.1
1337426	Soil	Soil	2011	UTM83-7	513719.54	7115550.69	MOIsn	27/08/2011		0.0025	0.1	11.8	0.4	2.6

1337427	Soil	Soil	2011 UTM83-7	513672.38	7115582.58	MOIsn	27/08/2011	0.0013	0.1	8.5	0.2	1.4
1337428	Soil	Soil	2011 UTM83-7	513631.46	7115601.12	MOIsn	27/08/2011	0.0085	0.1	32.1	0.2	4
1337429	Soil	Soil	2011 UTM83-7	513589.37	7115630.02	MOIsn	27/08/2011	0.0614	0.5	107.1	0.3	2.9
1337430	Soil	Soil	2011 UTM83-7	513500.45	7115682.9	MOIsn	27/08/2011	0.0115	0.4	58.8	0.3	1.5
1337431	Soil	Soil	2011 UTM83-7	513462.43	7115707.02	MOIsn	27/08/2011	0.0101	0.4	53	0.2	1.1
1337432	Soil	Soil	2011 UTM83-7	513413.17	7115730.43	MOIsn	27/08/2011	0.0137	0.2	59.6	0.3	1.5
1337433	Soil	Soil	2011 UTM83-7	513370.44	7115751.2	MOIsn	27/08/2011	0.0008	0.1	44.4	0.2	0.5
1337434	Soil	Soil	2011 UTM83-7	513334.43	7115780.69	MOIsn	27/08/2011	0.0187	0.3	314.7	0.4	1.4
1337435	Soil	Soil	2011 UTM83-7	513284.4	7115803.32	MOIsn	27/08/2011	0.0215	0.05	131.4	0.3	0.6
1337436	Soil	Soil	2011 UTM83-7	513248.76	7115827.57	MOIsn	27/08/2011	0.0221	0.2	219.8	0.3	0.9
1337437	Soil	Soil	2011 UTM83-7	513203.59	7115852.22	MOIsn	27/08/2011	0.0028	0.3	62.9	0.2	0.8
1337438	Soil	Soil	2011 UTM83-7	513158.24	7115883.57	MOIsn	27/08/2011	0.0086	0.3	98.2	0.2	0.6
1337439	Soil	Soil	2011 UTM83-7	513112.99	7115902.43	MOIsn	27/08/2011	0.0244	0.5	137.4	0.2	1.5
1337440	Soil	Soil	2011 UTM83-7	513064.85	7115928.19	MOIsn	27/08/2011	0.0235	0.4	105.4	0.2	1
1337441	Soil	Soil	2011 UTM83-7	513030.47	7115953.68	MOIsn	27/08/2011	0.0242	0.2	69.6	0.2	1
1337442	Soil	Soil	2011 UTM83-7	512983.34	7115983.12	MOIsn	27/08/2011	0.0514	0.2	99.1	0.2	1.4
1337443	Soil	Soil	2011 UTM83-7	512943.42	7116006.58	MOIsn	27/08/2011	0.0049	0.3	93.7	0.2	0.9
1337444	Soil	Soil	2011 UTM83-7	512894.96	7116028.66	MOIsn	27/08/2011	0.008	0.3	124	0.2	1.1
1337445	Soil	Soil	2011 UTM83-7	512853.21	7116062.03	MOIsn	27/08/2011	0.0215	0.2	133.7	0.2	1.2
1337446	Soil	Soil	2011 UTM83-7	512806.26	7116082.34	MOIsn	27/08/2011	0.0198	0.2	159.7	0.2	1.1
1337447	Soil	Soil	2011 UTM83-7	512761.04	7116106.78	MOIsn	27/08/2011	0.0048	0.3	41.9	0.3	0.5
1337448	Soil	Soil	2011 UTM83-7	512718.44	7116123.88	MOIsn	27/08/2011	0.0068	0.5	24.7	0.3	1.3
1337449	Soil	Soil	2011 UTM83-7	512683.9	7116151.71	MOIsn	27/08/2011	0.0044	0.2	16.2	0.2	0.5
1337450	Soil	Soil	2011 UTM83-7	512636.22	7116173.58	MOIsn	27/08/2011	0.0061	0.1	13.4	0.2	0.6
1337566	Soil	Soil	2011 UTM83-7	513676.6	7115459.14	RMtsn	27/08/2011	0.0038	0.2	12	0.05	9.3
1337567	Soil	Soil	2011 UTM83-7	513588.54	7115513.98	RMtsn	27/08/2011	0.0031	0.2	16.2	0.1	1.8
1337568	Soil	Soil	2011 UTM83-7	513545.32	7115547.56	RMtsn	27/08/2011	0.0049	0.1	17.5	0.1	1.1
1337569	Soil	Soil	2011 UTM83-7	513486.04	7115554.85	RMtsn	27/08/2011	0.0009	0.4	10.7	0.1	0.8
1337570	Soil	Soil	2011 UTM83-7	513455.45	7115589.69	RMtsn	27/08/2011	0.0015	0.2	28.1	0.3	1.3
1337571	Soil	Soil	2011 UTM83-7	513413.75	7115622.83	RMtsn	27/08/2011	0.0154	0.2	88.4	0.3	1.8
1337572	Soil	Soil	2011 UTM83-7	513370.73	7115649.36	RMtsn	27/08/2011	0.1947	0.6	282.2	0.3	2
1337573	Soil	Soil	2011 UTM83-7	513183.62	7115750.65	RMtsn	27/08/2011	0.0135	0.7	104.9	0.2	0.9
1337574	Soil	Soil	2011 UTM83-7	513163.6	7115769.54	RMtsn	27/08/2011	0.007	0.2	62.3	0.1	0.8
1337575	Soil	Soil	2011 UTM83-7	513069.39	7115825.29	RMtsn	27/08/2011	0.2374	0.5	298.1	0.3	2.1
1337576	Soil	Soil	2011 UTM83-7	513020.25	7115842.57	RMtsn	27/08/2011	0.288	1.2	237.3	0.4	3.1
1337577	Soil	Soil	2011 UTM83-7	512983.45	7115854.77	RMtsn	27/08/2011	0.0124	0.5	92.7	0.3	1.3
1337578	Soil	Soil	2011 UTM83-7	512927.55	7115872.83	RMtsn	27/08/2011	0.0112	0.4	136.6	0.2	1
1337579	Soil	Soil	2011 UTM83-7	512893.99	7115919.47	RMtsn	27/08/2011	0.0039	0.5	24.4	0.1	0.3
1337580	Soil	Soil	2011 UTM83-7	512852.36	7115948.46	RMtsn	27/08/2011	0.007	0.2	106.9	0.2	1
1337581	Soil	Soil	2011 UTM83-7	512810.41	7115961.77	RMtsn	27/08/2011	0.0067	0.1	79.2	0.1	0.9
1337582	Soil	Soil	2011 UTM83-7	512758.48	7115999.75	RMtsn	27/08/2011	0.019	0.3	158	0.2	1.1
1337583	Soil	Soil	2011 UTM83-7	512707.82	7116020.49	RMtsn	27/08/2011	0.0086	0.5	23.3	0.2	0.7
1337584	Soil	Soil	2011 UTM83-7	512676.07	7116039.13	RMtsn	27/08/2011	0.0035	0.3	28	0.2	0.6
1337585	Soil	Soil	2011 UTM83-7	512632.28	7116065.23	RMtsn	27/08/2011	0.0026	0.2	9.4	0.2	0.4
1337586	Soil	Soil	2011 UTM83-7	512602.73	7116098.99	RMtsn	27/08/2011	0.0063	0.05	9.9	0.2	0.4
1337587	Soil	Soil	2011 UTM83-7	512544.47	7116121.43	RMtsn	27/08/2011	0.005	0.05	11.8	0.2	0.3

1337588	Soil	Soil	2011	UTM83-7	512507.11	7116140.89	RMtsn	27/08/2011		0.0038	0.1	6	0.2	0.4
1337589	Soil	Soil	2011	UTM83-7	512463.46	7116158.34	RMtsn	27/08/2011		0.0025	0.1	10.5	0.2	0.5
1337590	Soil	Soil	2011	UTM83-7	512419	7116188.94	RMtsn	27/08/2011		0.0014	0.05	5.6	0.1	0.2
1337591	Soil	Soil	2011	UTM83-7	512389.11	7116230.04	RMtsn	27/08/2011		0.0101	0.3	10.8	0.3	0.4
1337592	Soil	Soil	2011	UTM83-7	512328.77	7116239.06	RMtsn	27/08/2011		0.0017	0.05	8.2	0.3	0.3
1337593	Soil	Soil	2011	UTM83-7	512283.99	7116265.9	RMtsn	27/08/2011		0.0024	0.05	5.1	0.1	0.3
1337605	Soil	Soil	2011	UTM83-7	513572.42	7115400.34	ALane	27/08/2011	Grassy area beside creek	0.0125	0.05	4.9	0.2	0.8
1337606	Soil	Soil	2011	UTM83-7	513534.64	7115430.87	ALane	27/08/2011	beside creek	0.0051	0.05	10.3	0.2	1.9
1337607	Soil	Soil	2011	UTM83-7	513447.02	7115481.11	ALane	27/08/2011	Further uphill. Away from creek	0.0209	0.2	49.2	0.3	1.8
1337608	Soil	Soil	2011	UTM83-7	513269.46	7115580.48	ALane	27/08/2011	Beside creek in sandy area	0.0214	0.2	33.9	0.1	1.8
1337609	Soil	Soil	2011	UTM83-7	513187.6	7115627.27	ALane	27/08/2011	beside river	0.1245	0.6	344.8	0.3	2.2
1337610	Soil	Soil	2011	UTM83-7	513140.04	7115644.6	ALane	27/08/2011	Evergreen trees. Rocky ground	0.0841	0.6	245.3	0.3	3.2
1337611	Soil	Soil	2011	UTM83-7	513104.39	7115680.11	ALane	27/08/2011	steep rocky slope	0.2714	0.7	887.3	0.4	6.2
1337612	Soil	Soil	2011	UTM83-7	512877.13	7115792.45	ALane	27/08/2011		0.0034	0.2	58.7	0.2	1
1337613	Soil	Soil	2011	UTM83-7	512843.91	7115827.75	ALane	27/08/2011		0.0021	0.3	66.7	0.2	0.9
1337614	Soil	Soil	2011	UTM83-7	512794.8	7115850.22	ALane	27/08/2011		0.0096	0.3	140.8	0.3	1.3
1337615	Soil	Soil	2011	UTM83-7	512748.56	7115883.3	ALane	27/08/2011		0.0659	0.3	428	0.2	3.3
1337616	Soil	Soil	2011	UTM83-7	512710.27	7115911.26	ALane	27/08/2011		0.0076	0.3	70.2	0.2	1
1337617	Soil	Soil	2011	UTM83-7	512670	7115929.82	ALane	27/08/2011		0.012	0.4	69	0.2	1.1
1337618	Soil	Soil	2011	UTM83-7	512627	7115964.92	ALane	27/08/2011		0.0079	0.3	23.1	0.2	0.6
1337619	Soil	Soil	2011	UTM83-7	512581.9	7115995.32	ALane	27/08/2011		0.0017	0.1	10.2	0.3	0.9
1337620	Soil	Soil	2011	UTM83-7	512531.06	7116005.05	ALane	27/08/2011		0.0019	0.2	43.7	0.3	0.7
1337621	Soil	Soil	2011	UTM83-7	512497.56	7116030.69	ALane	27/08/2011		0.0026	0.2	17.1	0.3	0.6
1337622	Soil	Soil	2011	UTM83-7	512453.75	7116054.67	ALane	27/08/2011		0.00025	0.3	6.1	0.2	0.2
1337623	Soil	Soil	2011	UTM83-7	512415.94	7116075.35	ALane	27/08/2011		0.0018	0.3	5	0.1	0.3
1337624	Soil	Soil	2011	UTM83-7	512361.86	7116095.17	ALane	27/08/2011		0.0333	1.2	47.8	0.7	0.8
1337625	Soil	Soil	2011	UTM83-7	512319.93	7116133.51	ALane	27/08/2011		0.0059	0.05	32.6	0.1	0.8
1337626	Soil	Soil	2011	UTM83-7	512281.43	7116153.62	ALane	27/08/2011		0.008	0.05	25.8	0.1	0.9
1337627	Soil	Soil	2011	UTM83-7	512231.25	7116181.92	ALane	27/08/2011		0.0018	0.2	6.6	0.2	0.7
1337676	Soil	Soil	2011	UTM83-7	513599.15	7115159.92	NChmb	27/08/2011	C horizon permafrost	0.0018	0.05	5.3	0.1	0.4
1337677	Soil	Soil	2011	UTM83-7	513563.45	7115181.53	NChmb	27/08/2011		0.0006	0.1	3.8	0.05	2.5
1337678	Soil	Soil	2011	UTM83-7	513521.89	7115210.34	NChmb	27/08/2011	C horizon permafrost	0.00025	0.1	2.1	0.05	0.5
1337679	Soil	Soil	2011	UTM83-7	513479.94	7115230.11	NChmb	27/08/2011		0.0016	0.2	5.9	0.1	1.3
1337680	Soil	Soil	2011	UTM83-7	513346.93	7115303.41	NChmb	27/08/2011		0.0064	0.2	60.6	0.3	3.3
1337681	Soil	Soil	2011	UTM83-7	513305.81	7115328.68	NChmb	27/08/2011		0.0039	0.05	7.4	0.05	7.7
1337682	Soil	Soil	2011	UTM83-7	513266.35	7115356.61	NChmb	27/08/2011		0.0017	0.2	5.8	0.1	3
1337683	Soil	Soil	2011	UTM83-7	513178.53	7115405.83	NChmb	27/08/2011		0.0064	0.4	25.2	0.2	5.7
1337684	Soil	Soil	2011	UTM83-7	513003	7115506.5	NChmb	27/08/2011		0.0039	0.05	1.5	0.05	0.1
1337685	Soil	Soil	2011	UTM83-7	512874.01	7115579.59	NChmb	27/08/2011		0.1523	0.5	39	0.2	2.6
1337686	Soil	Soil	2011	UTM83-7	512739.87	7115658.8	NChmb	27/08/2011		0.0089	0.4	77.7	0.3	1.6
1337687	Soil	Soil	2011	UTM83-7	512700.1	7115679.24	NChmb	27/08/2011		0.0256	0.4	190.6	0.2	1.5
1337688	Soil	Soil	2011	UTM83-7	512656.95	7115706.38	NChmb	27/08/2011		0.0045	0.1	11	0.2	0.7
1337689	Soil	Soil	2011	UTM83-7	512520.68	7115783.07	NChmb	27/08/2011		0.0038	0.5	26.6	0.2	1.1
1337690	Soil	Soil	2011	UTM83-7	512477.12	7115802.12	NChmb	27/08/2011		0.0042	0.2	15.9	0.1	1
1337691	Soil	Soil	2011	UTM83-7	512398.33	7115858.6	NChmb	27/08/2011		0.0127	0.2	17.5	0.2	0.7
1337692	Soil	Soil	2011	UTM83-7	512353.14	7115884.38	NChmb	27/08/2011		0.0273	0.4	28.7	0.2	0.7

1337693	Soil	Soil	2011 UTM83-7	512311.43	7115911.09	NChmb	27/08/2011	0.0411	0.4	84.3	0.3	1.1
1337694	Soil	Soil	2011 UTM83-7	512271.28	7115933.85	NChmb	27/08/2011	0.078	0.2	74	0.3	0.6
1337695	Soil	Soil	2011 UTM83-7	512177.03	7115979.72	NChmb	27/08/2011	0.0023	0.1	7.5	0.2	0.6
1337696	Soil	Soil	2011 UTM83-7	514060.06	7115942.92	NChmb	28/08/2011	0.0022	0.2	7.1	0.1	0.6
1337697	Soil	Soil	2011 UTM83-7	514010.15	7115957.91	NChmb	28/08/2011	0.0007	0.1	7.4	0.1	0.6
1337698	Soil	Soil	2011 UTM83-7	513969.04	7115984.46	NChmb	28/08/2011	0.0015	0.3	6.7	0.1	0.8
1337699	Soil	Soil	2011 UTM83-7	513924.43	7116003.84	NChmb	28/08/2011	0.0014	0.1	8.1	0.1	0.6
1337700	Soil	Soil	2011 UTM83-7	513877.11	7116037.14	NChmb	28/08/2011	0.0027	0.1	9.1	0.1	0.7
1337701	Soil	Soil	2011 UTM83-7	512631.51	7115267.66	JGnft	26/08/2011	0.0021	0.4	23.2	0.2	2.5
1337702	Soil	Soil	2011 UTM83-7	512591.26	7115288.04	JGnft	26/08/2011	0.0015	0.6	18	0.2	1.4
1337703	Soil	Soil	2011 UTM83-7	512558.45	7115317.38	JGnft	26/08/2011	0.0036	0.3	26.5	0.3	1.2
1337704	Soil	Soil	2011 UTM83-7	512508.01	7115336.93	JGnft	26/08/2011	0.0015	0.3	11.1	0.2	0.7
1337705	Soil	Soil	2011 UTM83-7	512455.64	7115365.8	JGnft	26/08/2011	0.0011	0.2	10	0.2	0.8
1337706	Soil	Soil	2011 UTM83-7	512410.14	7115393.62	JGnft	26/08/2011	0.0019	0.1	12.3	0.2	0.4
1337707	Soil	Soil	2011 UTM83-7	512372.06	7115409.45	JGnft	26/08/2011	0.0109	0.2	14.5	0.1	0.9
1337708	Soil	Soil	2011 UTM83-7	512284.35	7115457.77	JGnft	26/08/2011	0.0044	0.2	18.2	0.1	0.6
1337709	Soil	Soil	2011 UTM83-7	512239.97	7115485.02	JGnft	26/08/2011	0.00025	0.4	21.5	0.1	0.6
1337710	Soil	Soil	2011 UTM83-7	512107.42	7115557.02	JGnft	26/08/2011	0.0028	0.6	48.5	0.1	0.4
1337711	Soil	Soil	2011 UTM83-7	513898.6	7115669.84	JGnft	27/08/2011	0.0035	0.05	6.2	0.05	0.5
1337712	Soil	Soil	2011 UTM83-7	513868.12	7115703.15	JGnft	27/08/2011	0.0011	0.05	2.6	0.05	0.2
1337713	Soil	Soil	2011 UTM83-7	513820.11	7115726.73	JGnft	27/08/2011	0.0009	0.05	5.3	0.05	0.3
1337714	Soil	Soil	2011 UTM83-7	513778.35	7115748.51	JGnft	27/08/2011	0.0018	0.05	10.3	0.1	0.6
1337715	Soil	Soil	2011 UTM83-7	513734.15	7115774.26	JGnft	27/08/2011	0.0039	0.1	12.9	0.1	0.7
1337716	Soil	Soil	2011 UTM83-7	513692.23	7115802.23	JGnft	27/08/2011	0.0033	0.2	18.5	0.1	1.3
1337717	Soil	Soil	2011 UTM83-7	513655.19	7115819.42	JGnft	27/08/2011	0.0021	0.1	11.9	0.1	0.6
1337718	Soil	Soil	2011 UTM83-7	513605.97	7115851.73	JGnft	27/08/2011	0.0006	0.05	6.1	0.1	0.4
1337719	Soil	Soil	2011 UTM83-7	513564.78	7115869.95	JGnft	27/08/2011	0.00025	0.2	7.5	0.1	0.4
1337720	Soil	Soil	2011 UTM83-7	513513.31	7115899.31	JGnft	27/08/2011	0.0035	0.2	15.3	0.1	0.9
1337721	Soil	Soil	2011 UTM83-7	513481.89	7115916.76	JGnft	27/08/2011	0.0043	0.1	26.7	0.2	0.4
1337722	Soil	Soil	2011 UTM83-7	513431.71	7115952.88	JGnft	27/08/2011	0.002	0.2	25.3	0.2	0.4
1337723	Soil	Soil	2011 UTM83-7	513394.33	7115970.93	JGnft	27/08/2011	0.0038	0.05	26.7	0.2	0.4
1337724	Soil	Soil	2011 UTM83-7	513349.97	7115999.68	JGnft	27/08/2011	0.0031	0.2	18.4	0.2	0.4
1337725	Soil	Soil	2011 UTM83-7	513294.34	7116024.08	JGnft	27/08/2011	0.005	0.05	73.5	0.3	0.6
1337726	Soil	Soil	2011 UTM83-7	513262.43	7116045.81	JGnft	27/08/2011	0.0061	0.1	35.2	0.2	0.6
1337727	Soil	Soil	2011 UTM83-7	513215.82	7116075.4	JGnft	27/08/2011	0.0031	0.1	34.3	0.3	0.6
1337728	Soil	Soil	2011 UTM83-7	513171.14	7116099.3	JGnft	27/08/2011	0.0046	0.5	34.5	0.2	0.5
1337729	Soil	Soil	2011 UTM83-7	513124.7	7116123.61	JGnft	27/08/2011	0.0102	0.2	41.3	0.2	0.7
1337730	Soil	Soil	2011 UTM83-7	512999.03	7116203.35	JGnft	27/08/2011	0.001	0.4	24.9	0.2	0.5
1337731	Soil	Soil	2011 UTM83-7	512955.88	7116222.84	JGnft	27/08/2011	0.0064	0.3	46.6	0.2	0.7
1337732	Soil	Soil	2011 UTM83-7	512906.79	7116257.43	JGnft	27/08/2011	0.0084	0.2	64.6	0.2	0.7
1337733	Soil	Soil	2011 UTM83-7	512869.67	7116277.71	JGnft	27/08/2011	0.0046	0.1	19.9	0.2	0.4
1337734	Soil	Soil	2011 UTM83-7	512778.28	7116333.48	JGnft	27/08/2011	0.004	0.1	19.6	0.2	0.5
1337735	Soil	Soil	2011 UTM83-7	512738.4	7116349.94	JGnft	27/08/2011	0.0038	0.2	11.6	0.2	0.4
1337736	Soil	Soil	2011 UTM83-7	512692.42	7116376.58	JGnft	27/08/2011	0.0023	0.1	13.7	0.2	0.4
1337737	Soil	Soil	2011 UTM83-7	512647.47	7116402.55	JGnft	27/08/2011	0.0036	0.05	10.6	0.2	0.5
1337738	Soil	Soil	2011 UTM83-7	512609.82	7116419.89	JGnft	27/08/2011	0.003	0.05	18.8	0.3	0.4

1337739	Soil	Soil	2011 UTM83-7	512563.18	7116454.4	JGnft	27/08/2011	0.0013	0.1	13.6	0.3	0.4	
1337740	Soil	Soil	2011 UTM83-7	512483.01	7116496.21	JGnft	27/08/2011	0.0008	0.1	3.8	0.3	0.2	
1337741	Soil	Soil	2011 UTM83-7	512430.54	7116520.57	JGnft	27/08/2011	0.0018	0.3	12.6	0.4	0.3	
1337754	Soil	Soil	2011 UTM83-7	513512.75	7115104.61	DCghl	27/08/2011	0.0009	0.05	0.9	0.05	0.2	
1337755	Soil	Soil	2011 UTM83-7	513470.65	7115114.39	DCghl	27/08/2011	0.0021	0.1	3.4	0.1	0.4	
1337756	Soil	Soil	2011 UTM83-7	513426.58	7115143.32	DCghl	27/08/2011	0.0017	0.05	4.1	0.1	0.4	
1337757	Soil	Soil	2011 UTM83-7	513386.78	7115168.16	DCghl	27/08/2011	shiney flakes in c horizon	0.00025	0.05	1	0.05	0.3
1337758	Soil	Soil	2011 UTM83-7	513337.01	7115191.82	DCghl	27/08/2011	quartz rocks in c horizon	0.0011	0.05	6.1	0.05	0.6
1337759	Soil	Soil	2011 UTM83-7	513296.71	7115218.17	DCghl	27/08/2011		0.0211	0.2	33.9	0.2	2.5
1337760	Soil	Soil	2011 UTM83-7	513253.59	7115246.18	DCghl	27/08/2011		0.0318	0.5	15.7	0.2	1.8
1337761	Soil	Soil	2011 UTM83-7	513202.97	7115275.54	DCghl	27/08/2011		0.006	0.1	21.6	0.3	1
1337762	Soil	Soil	2011 UTM83-7	513163.79	7115299.84	DCghl	27/08/2011		0.0042	0.05	28	0.3	0.7
1337763	Soil	Soil	2011 UTM83-7	513123.07	7115320.98	DCghl	27/08/2011		0.0048	0.05	23.5	0.3	0.8
1337764	Soil	Soil	2011 UTM83-7	513080.66	7115342.11	DCghl	27/08/2011		0.0065	0.1	28.6	0.2	1.7
1337765	Soil	Soil	2011 UTM83-7	513041.27	7115371.25	DCghl	27/08/2011		0.0025	0.2	14.6	0.2	2.4
1337766	Soil	Soil	2011 UTM83-7	512996.6	7115394.43	DCghl	27/08/2011		0.0071	0.5	124.5	0.4	4.7
1337767	Soil	Soil	2011 UTM83-7	512951.79	7115417.67	DCghl	27/08/2011		0.0069	0.4	94.1	0.3	2.2
1337768	Soil	Soil	2011 UTM83-7	512902.96	7115448.18	DCghl	27/08/2011		0.0127	0.6	199.5	0.4	2.8
1337769	Soil	Soil	2011 UTM83-7	512852.5	7115464.55	DCghl	27/08/2011		0.0108	0.05	82.2	0.2	1.6
1337770	Soil	Soil	2011 UTM83-7	512822.22	7115493.73	DCghl	27/08/2011		0.0949	0.3	140.4	0.3	1.3
1337771	Soil	Soil	2011 UTM83-7	512774.62	7115517.39	DCghl	27/08/2011		0.0086	0.2	107.8	0.4	2.2
1337772	Soil	Soil	2011 UTM83-7	512692.4	7115561.76	DCghl	27/08/2011		0.0196	0.2	302.4	0.3	2.2
1337773	Soil	Soil	2011 UTM83-7	512600.73	7115624.49	DCghl	27/08/2011		0.0071	0.4	32.4	0.2	1.7
1337774	Soil	Soil	2011 UTM83-7	512519.73	7115668.24	DCghl	27/08/2011		0.0087	0.3	59.3	0.4	2.2
1337775	Soil	Soil	2011 UTM83-7	512474.95	7115697.84	DCghl	27/08/2011		0.0044	0.5	54.5	0.2	2.7
1337776	Soil	Soil	2011 UTM83-7	512428.34	7115723.44	DCghl	27/08/2011		0.0028	0.5	44.8	0.3	2.2
1337777	Soil	Soil	2011 UTM83-7	512391.41	7115747.55	DCghl	27/08/2011		0.0039	0.6	66.8	0.2	1.5
1337778	Soil	Soil	2011 UTM83-7	512307.16	7115798.89	DCghl	27/08/2011		0.0168	0.2	20.1	0.3	0.6
1337779	Soil	Soil	2011 UTM83-7	512269.67	7115826.42	DCghl	27/08/2011		0.0938	0.1	109.1	0.3	0.8
1337780	Soil	Soil	2011 UTM83-7	512218.98	7115852.77	DCghl	27/08/2011		0.0046	0.05	63.9	0.3	0.9
1337781	Soil	Soil	2011 UTM83-7	512168.25	7115868.32	DCghl	27/08/2011		0.0181	0.05	175.8	0.3	1.1
1337782	Soil	Soil	2011 UTM83-7	512133.44	7115900.54	DCghl	27/08/2011		0.0921	0.05	22.8	0.2	0.9
1337783	Soil	Soil	2011 UTM83-7	512089.66	7115924.15	DCghl	27/08/2011		0.0277	0.6	11.9	0.5	2
1337801	Soil	Soil	2011 UTM83-7	513837.42	7116055.11	NChmb	28/08/2011		0.0057	0.2	10.5	0.2	1
1337802	Soil	Soil	2011 UTM83-7	513793.69	7116084.61	NChmb	28/08/2011		0.006	0.1	8.7	0.2	0.9
1337803	Soil	Soil	2011 UTM83-7	513756.27	7116112.06	NChmb	28/08/2011		0.0056	0.1	10.7	0.2	1.1
1337804	Soil	Soil	2011 UTM83-7	513710.11	7116134.89	NChmb	28/08/2011		0.007	0.05	13.3	0.2	1.2
1337805	Soil	Soil	2011 UTM83-7	513663.51	7116166.79	NChmb	28/08/2011		0.0079	0.05	16.4	0.2	1.3
1337806	Soil	Soil	2011 UTM83-7	513627.48	7116184.31	NChmb	28/08/2011		0.0084	0.2	19.6	0.2	1.8
1337807	Soil	Soil	2011 UTM83-7	513579.4	7116208.36	NChmb	28/08/2011		0.0058	0.1	20	0.2	1.6
1337808	Soil	Soil	2011 UTM83-7	513533.87	7116233.27	NChmb	28/08/2011		0.0117	0.05	22.8	0.2	2.1
1337809	Soil	Soil	2011 UTM83-7	513492.93	7116259.83	NChmb	28/08/2011		0.0053	0.2	14.2	0.2	1.7
1337810	Soil	Soil	2011 UTM83-7	513448.74	7116284.93	NChmb	28/08/2011		0.009	0.1	22.2	0.2	1.7
1337811	Soil	Soil	2011 UTM83-7	513367.01	7116336.76	NChmb	28/08/2011		0.0226	0.05	45.8	0.2	0.7
1337812	Soil	Soil	2011 UTM83-7	513321.43	7116355.52	NChmb	28/08/2011		0.0047	0.05	22	0.2	0.8
1338051	Soil	Soil	2011 UTM83-7	512589.6	7116209.38	MOIsn	27/08/2011		0.0017	0.05	6.7	0.2	0.8

1338052	Soil	Soil	2011 UTM83-7	512549.52	7116228.61	MOIsn	27/08/2011		0.0012	0.05	6.4	0.2	0.4
1338053	Soil	Soil	2011 UTM83-7	512511.14	7116258.54	MOIsn	27/08/2011		0.0013	0.05	8.9	0.2	0.5
1338054	Soil	Soil	2011 UTM83-7	512458.46	7116278.39	MOIsn	27/08/2011		0.0132	0.2	13.7	0.2	0.3
1338055	Soil	Soil	2011 UTM83-7	512419.18	7116303.64	MOIsn	27/08/2011		0.0034	0.3	9.4	0.2	0.4
2011_1885	Obsrv	No sample	2011 UTM83-7	513263.17	7114663.37	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1886	Obsrv	No sample	2011 UTM83-7	513219.88	7114688.39	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1887	Obsrv	No sample	2011 UTM83-7	513176.59	7114713.41	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1888	Obsrv	No sample	2011 UTM83-7	513133.3	7114738.42	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1889	Obsrv	No sample	2011 UTM83-7	512916.85	7114863.52	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1890	Obsrv	No sample	2011 UTM83-7	512830.27	7114913.56	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1891	Obsrv	No sample	2011 UTM83-7	512786.98	7114938.57	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1892	Obsrv	No sample	2011 UTM83-7	512743.69	7114963.59	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1893	Obsrv	No sample	2011 UTM83-7	512527.23	7115088.69	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1894	Obsrv	No sample	2011 UTM83-7	512440.65	7115138.72	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1895	Obsrv	No sample	2011 UTM83-7	512397.36	7115163.74	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1896	Obsrv	No sample	2011 UTM83-7	512354.07	7115188.76	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1897	Obsrv	No sample	2011 UTM83-7	512224.2	7115263.82	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1898	Obsrv	No sample	2011 UTM83-7	512137.62	7115313.85	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1899	Obsrv	No sample	2011 UTM83-7	512007.75	7115388.91	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1900	Obsrv	No sample	2011 UTM83-7	511964.46	7115413.93	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1901	Obsrv	No sample	2011 UTM83-7	511921.17	7115438.95	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1902	Obsrv	No sample	2011 UTM83-7	511877.88	7115463.97	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1903	Obsrv	No sample	2011 UTM83-7	511834.59	7115488.98	MOIsn	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1904	Obsrv	No sample	2011 UTM83-7	512837.01	7115025.15	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1905	Obsrv	No sample	2011 UTM83-7	512793.72	7115050.17	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1906	Obsrv	No sample	2011 UTM83-7	512620.56	7115150.25	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1907	Obsrv	No sample	2011 UTM83-7	512533.98	7115200.29	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1908	Obsrv	No sample	2011 UTM83-7	512490.69	7115225.3	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1909	Obsrv	No sample	2011 UTM83-7	512404.11	7115275.34	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1910	Obsrv	No sample	2011 UTM83-7	512274.24	7115350.4	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1911	Obsrv	No sample	2011 UTM83-7	512057.79	7115475.49	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1912	Obsrv	No sample	2011 UTM83-7	512014.5	7115500.51	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1913	Obsrv	No sample	2011 UTM83-7	511971.2	7115525.53	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1914	Obsrv	No sample	2011 UTM83-7	511884.62	7115575.56	GvGdu	26/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_1915	Obsrv	No sample	2011 UTM83-7	513406.54	7114811.51	JGnft	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1916	Obsrv	No sample	2011 UTM83-7	513363.25	7114836.53	JGnft	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1917	Obsrv	No sample	2011 UTM83-7	513060.21	7115011.66	JGnft	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1918	Obsrv	No sample	2011 UTM83-7	512973.63	7115061.7	JGnft	26/08/2011	Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1919	Obsrv	No sample	2011 UTM83-7	512757.18	7115186.79	JGnft	26/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1920	Obsrv	No sample	2011 UTM83-7	512713.89	7115211.81	JGnft	26/08/2011	No sample. Moss covered rocks	n/d	n/d	n/d	n/d	n/d
2011_1921	Obsrv	No sample	2011 UTM83-7	512324.28	7115436.98	JGnft	26/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1922	Obsrv	No sample	2011 UTM83-7	512194.4	7115512.03	JGnft	26/08/2011	No sample. Moss covered rocks	n/d	n/d	n/d	n/d	n/d
2011_1923	Obsrv	No sample	2011 UTM83-7	512151.11	7115537.05	JGnft	26/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1924	Obsrv	No sample	2011 UTM83-7	512064.53	7115587.09	JGnft	26/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1925	Obsrv	No sample	2011 UTM83-7	512021.24	7115612.11	JGnft	26/08/2011	No sample. Rock	n/d	n/d	n/d	n/d	n/d
2011_1926	Obsrv	No sample	2011 UTM83-7	511977.95	7115637.13	JGnft	26/08/2011	No sample. Rock	n/d	n/d	n/d	n/d	n/d

2011_1927	Obsrv	No sample	2011 UTM83-7	511934.66	7115662.15	JGnft	26/08/2011	No sample. Rock	n/d	n/d	n/d	n/d	n/d
2011_1928		999 Not sampled	2011 UTM83-7	512940.8	7115192.08	SVaag	26/08/2011		n/d	n/d	n/d	n/d	n/d
2011_1929		999 Not sampled	2011 UTM83-7	512597.72	7115398.72	SVaag	26/08/2011		n/d	n/d	n/d	n/d	n/d
2011_1930		999 Not sampled	2011 UTM83-7	512505.39	7115443.03	SVaag	26/08/2011		n/d	n/d	n/d	n/d	n/d
2011_1931		999 Not sampled	2011 UTM83-7	512424.12	7115497.42	SVaag	26/08/2011		n/d	n/d	n/d	n/d	n/d
2011_1932	Obsrv	No sample	2011 UTM83-7	512290.3	7115572.88	SVaag	26/08/2011	no picture ran out of batteries	n/d	n/d	n/d	n/d	n/d
2011_1933	Obsrv	No sample	2011 UTM83-7	512071.28	7115698.69	SVaag	26/08/2011	No sample due to rock	n/d	n/d	n/d	n/d	n/d
2011_1934	Obsrv	No sample	2011 UTM83-7	512027.99	7115723.71	SVaag	26/08/2011	No sample due to rock	n/d	n/d	n/d	n/d	n/d
2011_1935	Obsrv	No sample	2011 UTM83-7	511984.7	7115748.73	SVaag	26/08/2011	No sample due to rock	n/d	n/d	n/d	n/d	n/d
2011_1936	Obsrv	No sample	2011 UTM83-7	512727.38	7115435.01	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1937	Obsrv	No sample	2011 UTM83-7	512597.51	7115510.07	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1938	Obsrv	No sample	2011 UTM83-7	512554.22	7115535.08	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1939	Obsrv	No sample	2011 UTM83-7	512510.93	7115560.1	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1940	Obsrv	No sample	2011 UTM83-7	512467.64	7115585.12	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1941	Obsrv	No sample	2011 UTM83-7	512424.35	7115610.14	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1942	Obsrv	No sample	2011 UTM83-7	512337.77	7115660.18	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1943	Obsrv	No sample	2011 UTM83-7	512294.48	7115685.2	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1944	Obsrv	No sample	2011 UTM83-7	512078.03	7115810.29	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1945	Obsrv	No sample	2011 UTM83-7	512034.74	7115835.31	RGfry	26/08/2011	bed rock	n/d	n/d	n/d	n/d	n/d
2011_1946	Obsrv	No sample	2011 UTM83-7	513556.65	7115071.25	DCghl	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1947	Obsrv	No sample	2011 UTM83-7	512734.13	7115546.61	DCghl	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1948	Obsrv	No sample	2011 UTM83-7	512647.55	7115596.65	DCghl	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1949	Obsrv	No sample	2011 UTM83-7	512560.97	7115646.68	DCghl	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1950	Obsrv	No sample	2011 UTM83-7	512344.52	7115771.78	DCghl	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1951	Obsrv	No sample	2011 UTM83-7	513433.53	7115257.91	NChmb	27/08/2011	No sample at wp 425 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1952	Obsrv	No sample	2011 UTM83-7	513390.23	7115282.93	NChmb	27/08/2011	No sample at wp 426 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1953	Obsrv	No sample	2011 UTM83-7	513217.07	7115383	NChmb	27/08/2011	No sample at wp 430 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1954	Obsrv	No sample	2011 UTM83-7	513130.49	7115433.04	NChmb	27/08/2011	No sample at wp 432 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1955	Obsrv	No sample	2011 UTM83-7	513087.2	7115458.06	NChmb	27/08/2011	No sample at wp 433 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1956	Obsrv	No sample	2011 UTM83-7	513043.91	7115483.08	NChmb	27/08/2011	No sample at wp 434 - rock slide	n/d	n/d	n/d	n/d	n/d
2011_1957	Obsrv	No sample	2011 UTM83-7	512957.33	7115533.12	NChmb	27/08/2011	No sample at wp 436 - rock slide	n/d	n/d	n/d	n/d	n/d
2011_1958	Obsrv	No sample	2011 UTM83-7	512914.04	7115558.13	NChmb	27/08/2011	No sample at wp 437 - rock slide	n/d	n/d	n/d	n/d	n/d
2011_1959	Obsrv	No sample	2011 UTM83-7	512827.46	7115608.17	NChmb	27/08/2011	No sample at wp 439 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1960	Obsrv	No sample	2011 UTM83-7	512784.17	7115633.19	NChmb	27/08/2011	No sample at wp 440 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1961	Obsrv	No sample	2011 UTM83-7	512611.01	7115733.26	NChmb	27/08/2011	No sample at wp 444 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1962	Obsrv	No sample	2011 UTM83-7	512567.72	7115758.28	NChmb	27/08/2011	No sample at wp 445 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1963	Obsrv	No sample	2011 UTM83-7	512437.84	7115833.34	NChmb	27/08/2011	No sample at wp 448 - permafrost	n/d	n/d	n/d	n/d	n/d
2011_1964	Obsrv	No sample	2011 UTM83-7	512221.39	7115958.43	NChmb	27/08/2011	No sample at wp 453 - rock slide	n/d	n/d	n/d	n/d	n/d
2011_1965	Obsrv	No sample	2011 UTM83-7	512134.81	7116008.47	NChmb	27/08/2011	No sample at wp 455 - rock slide	n/d	n/d	n/d	n/d	n/d
2011_1966	Obsrv	No sample	2011 UTM83-7	513656.72	7115244.42	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1967	Obsrv	No sample	2011 UTM83-7	513570.14	7115294.45	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1968	Obsrv	No sample	2011 UTM83-7	513526.85	7115319.47	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1969	Obsrv	No sample	2011 UTM83-7	513483.56	7115344.49	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1970	Obsrv	No sample	2011 UTM83-7	513310.4	7115444.57	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1971	Obsrv	No sample	2011 UTM83-7	513267.11	7115469.58	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1972	Obsrv	No sample	2011 UTM83-7	513223.82	7115494.6	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d

2011_1973	Obsrv	No sample	2011 UTM83-7	513180.53	7115519.62	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1974	Obsrv	No sample	2011 UTM83-7	513137.24	7115544.64	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1975	Obsrv	No sample	2011 UTM83-7	512920.79	7115669.73	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1976	Obsrv	No sample	2011 UTM83-7	512877.5	7115694.75	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1977	Obsrv	No sample	2011 UTM83-7	512228.14	7116070.03	TRead	27/08/2011	No sample, permafrost.	n/d	n/d	n/d	n/d	n/d
2011_1978	Obsrv	No sample	2011 UTM83-7	513706.76	7115331	ALane	27/08/2011	No sample. First WP of the day.	n/d	n/d	n/d	n/d	n/d
2011_1979	Obsrv	No sample	2011 UTM83-7	513663.47	7115356.02	ALane	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1980	Obsrv	No sample	2011 UTM83-7	513620.18	7115381.04	ALane	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1981	Obsrv	No sample	2011 UTM83-7	513490.31	7115456.09	ALane	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1982	Obsrv	No sample	2011 UTM83-7	513446.36	7115485.91	ALane	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1983	Obsrv	No sample	2011 UTM83-7	513360.44	7115531.15	ALane	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1984	Obsrv	No sample	2011 UTM83-7	513317.15	7115556.17	ALane	27/08/2011	Permafrost. No sample.	n/d	n/d	n/d	n/d	n/d
2011_1985	Obsrv	No sample	2011 UTM83-7	513230.57	7115606.2	ALane	27/08/2011	Permafrost. No sample.	n/d	n/d	n/d	n/d	n/d
2011_1986	Obsrv	No sample	2011 UTM83-7	513057.4	7115706.28	ALane	27/08/2011	No sample. Rockslide	n/d	n/d	n/d	n/d	n/d
2011_1987	Obsrv	No sample	2011 UTM83-7	513014.11	7115731.3	ALane	27/08/2011	Permafrost. No sample.	n/d	n/d	n/d	n/d	n/d
2011_1988	Obsrv	No sample	2011 UTM83-7	512970.82	7115756.31	ALane	27/08/2011	Permafrost. No sample.	n/d	n/d	n/d	n/d	n/d
2011_1989	Obsrv	No sample	2011 UTM83-7	512927.53	7115781.33	ALane	27/08/2011	Permafrost. No sample.	n/d	n/d	n/d	n/d	n/d
2011_1990	Obsrv	No sample	2011 UTM83-7	513756.8	7115417.58	RMtsn	27/08/2011	No sample. Very steep, rocky	n/d	n/d	n/d	n/d	n/d
2011_1991	Obsrv	No sample	2011 UTM83-7	513713.51	7115442.6	RMtsn	27/08/2011	No sample. Very steep, rocky	n/d	n/d	n/d	n/d	n/d
2011_1992	Obsrv	No sample	2011 UTM83-7	513626.93	7115492.64	RMtsn	27/08/2011	No sample. Rocky	n/d	n/d	n/d	n/d	n/d
2011_1993	Obsrv	No sample	2011 UTM83-7	513323.89	7115667.77	RMtsn	27/08/2011	No sample. Rocky	n/d	n/d	n/d	n/d	n/d
2011_1994	Obsrv	No sample	2011 UTM83-7	513280.6	7115692.78	RMtsn	27/08/2011	No sample. Rocky	n/d	n/d	n/d	n/d	n/d
2011_1995	Obsrv	No sample	2011 UTM83-7	513237.31	7115717.8	RMtsn	27/08/2011	No sample. Rocky	n/d	n/d	n/d	n/d	n/d
2011_1996	999	Not sampled	2011 UTM83-7	513107.44	7115792.86	RMtsn	27/08/2011		n/d	n/d	n/d	n/d	n/d
2011_1997	Obsrv	No sample	2011 UTM83-7	513547.09	7115654.27	MOIsn	27/08/2011	no sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1998	Obsrv	No sample	2011 UTM83-7	512378.25	7116329.77	MOIsn	27/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_1999	Obsrv	No sample	2011 UTM83-7	512334.96	7116354.79	MOIsn	27/08/2011	No sample. Permafrost	n/d	n/d	n/d	n/d	n/d
2011_2000	Obsrv	No sample	2011 UTM83-7	512514.87	7116366.32	GvGdu	27/08/2011	PERMAFROST	n/d	n/d	n/d	n/d	n/d
2011_2001	Obsrv	No sample	2011 UTM83-7	513084.39	7116152.68	JGnft	27/08/2011	No sample, moss covered rock.	n/d	n/d	n/d	n/d	n/d
2011_2002	Obsrv	No sample	2011 UTM83-7	513041.1	7116177.7	JGnft	27/08/2011	No sample, moss covered rock.	n/d	n/d	n/d	n/d	n/d
2011_2003	Obsrv	No sample	2011 UTM83-7	512824.65	7116302.79	JGnft	27/08/2011	No sample, moss covered rock.	n/d	n/d	n/d	n/d	n/d
2011_2004	Obsrv	No sample	2011 UTM83-7	512521.61	7116477.92	JGnft	27/08/2011	No sample, moss covered rock.	n/d	n/d	n/d	n/d	n/d
2011_2005	Obsrv	No sample	2011 UTM83-7	513350.88	7116114.16	SVaag	27/08/2011	no sample due to permafrost	n/d	n/d	n/d	n/d	n/d
2011_2006	999	Not sampled	2011 UTM83-7	513177.72	7116214.24	SVaag	27/08/2011		n/d	n/d	n/d	n/d	n/d
2011_2007	Obsrv	No sample	2011 UTM83-7	512874.69	7116389.37	SVaag	27/08/2011	no sample due to permafrost	n/d	n/d	n/d	n/d	n/d
2011_2008	Obsrv	No sample	2011 UTM83-7	512744.81	7116464.43	SVaag	27/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2009	Obsrv	No sample	2011 UTM83-7	512614.94	7116539.48	SVaag	27/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2010	Obsrv	No sample	2011 UTM83-7	512571.65	7116564.5	SVaag	27/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2011	Obsrv	No sample	2011 UTM83-7	512528.36	7116589.52	SVaag	27/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2012	Obsrv	No sample	2011 UTM83-7	512485.07	7116614.54	SVaag	27/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2013	Obsrv	No sample	2011 UTM83-7	512838.14	7116525.99	RGfry	27/08/2011	BED ROCK	n/d	n/d	n/d	n/d	n/d
2011_2014	Obsrv	No sample	2011 UTM83-7	512578.4	7116676.1	RGfry	27/08/2011	BED ROCK	n/d	n/d	n/d	n/d	n/d
2011_2015	Obsrv	No sample	2011 UTM83-7	513407.67	7116312.35	NChmb	28/08/2011	No sample at wp 1066 - rock slope	n/d	n/d	n/d	n/d	n/d
2011_2016	Obsrv	No sample	2011 UTM83-7	512931.47	7116587.55	RGfry	28/08/2011	No sample. BED ROCK	n/d	n/d	n/d	n/d	n/d
2011_2017	Obsrv	No sample	2011 UTM83-7	513890.61	7116148.74	SVaag	28/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d
2011_2018	Obsrv	No sample	2011 UTM83-7	513760.74	7116223.8	SVaag	28/08/2011	no sample due to rocks	n/d	n/d	n/d	n/d	n/d

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: September 09, 2011

Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

DAW11000325.1

CLIENT JOB INFORMATION

Project: DOW
Shipment ID: DOW
P.O. Number
Number of Samples: 131

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	131	Dry at 60C			DAW
SS80	131	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	131	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

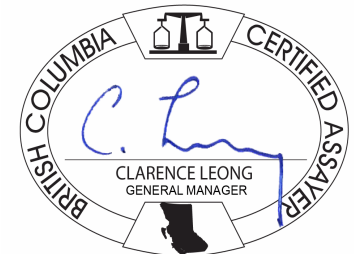
RTRN-PLP Return
DISP-RJT-SOIL Immediate Disposal of Soil Reject

ADDITIONAL COMMENTS

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



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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

DAW11000325.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La 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	
1337605	Soil	0.7	18.0	9.1	70	<0.1	26.9	11.0	442	2.46	4.9	12.5	4.4	39	0.2	0.8	0.2	45	0.36	0.070	16
1337606	Soil	0.9	26.0	12.1	70	<0.1	34.6	10.2	320	2.68	10.3	5.1	5.2	39	0.2	1.9	0.2	49	0.74	0.073	16
1337607	Soil	1.6	33.0	24.1	77	0.2	35.4	12.0	643	2.84	49.2	20.9	5.3	27	0.2	1.8	0.3	47	0.32	0.045	19
1337608	Soil	0.9	20.2	11.1	77	0.2	32.9	12.9	688	2.88	33.9	21.4	4.8	53	0.2	1.8	0.1	52	0.53	0.083	18
1337609	Soil	2.0	72.9	20.6	106	0.6	59.8	15.8	698	3.38	344.8	124.5	3.8	51	0.8	2.2	0.3	46	1.04	0.097	14
1337610	Soil	2.1	42.8	17.2	81	0.6	33.2	10.6	352	3.18	245.3	84.1	2.9	27	0.3	3.2	0.3	48	0.16	0.073	14
1337611	Soil	3.1	78.5	20.5	126	0.7	79.3	16.8	622	5.40	887.3	271.4	6.0	45	0.9	6.2	0.4	58	0.28	0.131	17
1337612	Soil	1.7	30.7	12.0	69	0.2	31.0	10.8	448	2.57	58.7	3.4	2.9	27	0.5	1.0	0.2	55	0.35	0.035	10
1337613	Soil	1.6	26.7	11.0	53	0.3	24.2	7.4	396	2.05	66.7	2.1	0.7	30	1.0	0.9	0.2	43	0.43	0.055	8
1337614	Soil	2.5	39.5	23.0	70	0.3	28.4	8.0	321	2.60	140.8	9.6	2.6	20	0.5	1.3	0.3	52	0.13	0.073	13
1337615	Soil	1.9	24.3	17.5	48	0.3	23.8	6.8	214	2.60	428.0	65.9	4.0	21	0.2	3.3	0.2	53	0.12	0.046	14
1337616	Soil	1.7	21.8	16.3	46	0.3	22.6	7.3	348	2.30	70.2	7.6	3.1	29	0.3	1.0	0.2	48	0.28	0.030	18
1337617	Soil	2.4	42.4	27.1	68	0.4	38.4	12.7	523	2.82	69.0	12.0	5.6	33	0.2	1.1	0.2	59	0.35	0.045	24
1337618	Soil	1.0	36.2	17.5	60	0.3	28.8	10.2	428	2.40	23.1	7.9	5.5	49	0.2	0.6	0.2	42	0.75	0.056	26
1337619	Soil	1.5	11.5	24.4	48	0.1	13.4	4.3	143	1.82	10.2	1.7	8.6	12	0.1	0.9	0.3	30	0.09	0.011	18
1337620	Soil	1.4	4.8	39.4	25	0.2	8.6	1.5	52	1.41	43.7	1.9	6.7	13	<0.1	0.7	0.3	22	0.07	0.019	23
1337621	Soil	1.2	6.9	39.5	30	0.2	9.1	3.1	111	1.52	17.1	2.6	8.4	13	0.1	0.6	0.3	25	0.08	0.011	21
1337622	Soil	0.9	5.7	20.9	37	0.3	5.3	2.6	336	1.15	6.1	<0.5	6.9	11	0.2	0.2	0.2	20	0.08	0.012	11
1337623	Soil	0.6	4.3	14.7	14	0.3	2.8	1.3	67	0.75	5.0	1.8	2.9	8	0.3	0.3	0.1	16	0.04	0.010	16
1337624	Soil	2.1	20.8	58.0	58	1.2	15.6	3.0	293	1.81	47.8	33.3	25.7	45	0.3	0.8	0.7	24	0.54	0.057	118
1337625	Soil	2.2	12.9	11.5	92	<0.1	24.0	12.1	249	3.13	32.6	5.9	5.3	46	0.2	0.8	0.1	51	0.55	0.077	18
1337626	Soil	1.2	9.2	11.3	69	<0.1	19.2	7.5	200	2.43	25.8	8.0	3.2	28	0.1	0.9	0.1	48	0.31	0.073	13
1337627	Soil	1.2	20.4	10.7	83	0.2	34.2	11.7	475	2.25	6.6	1.8	3.8	31	0.3	0.7	0.2	44	0.44	0.069	17
1337676	Soil	0.7	12.6	8.6	62	<0.1	26.5	14.6	467	2.45	5.3	1.8	2.9	23	0.1	0.4	0.1	55	0.27	0.067	12
1337677	Soil	0.9	66.7	7.0	93	0.1	178.1	23.0	675	3.95	3.8	0.6	2.6	24	0.1	2.5	<0.1	79	0.64	0.113	15
1337678	Soil	0.9	50.4	5.4	107	0.1	158.3	22.8	661	3.97	2.1	<0.5	2.4	26	0.1	0.5	<0.1	82	0.63	0.139	15
1337679	Soil	1.2	74.2	8.2	119	0.2	219.7	28.6	672	4.37	5.9	1.6	2.5	20	0.3	1.3	0.1	95	0.55	0.121	14
1337680	Soil	1.3	37.2	12.8	124	0.2	41.4	15.0	762	3.60	60.6	6.4	7.8	16	0.2	3.3	0.3	38	0.52	0.048	29
1337681	Soil	0.3	50.4	5.2	82	<0.1	391.5	35.9	509	3.74	7.4	3.9	0.9	26	0.2	7.7	<0.1	62	1.15	0.037	5
1337682	Soil	1.2	67.3	6.6	105	0.2	435.2	38.3	1456	5.02	5.8	1.7	2.3	23	0.4	3.0	0.1	106	0.85	0.063	13

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

Page: 2 of 6 Part 2

CERTIFICATE OF ANALYSIS

DAW11000325.1

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	0.05	1	0.5	0.2	
1337605	Soil			28	0.49	192	0.053	2	1.07	0.017	0.10	0.1	0.04	3.2	0.1	<0.05	4	<0.5	<0.2
1337606	Soil			34	0.55	146	0.051	2	0.97	0.018	0.10	0.1	0.03	3.7	0.1	0.07	3	0.7	<0.2
1337607	Soil			40	0.40	370	0.023	2	1.65	0.012	0.08	0.2	0.05	4.9	0.1	<0.05	5	0.6	<0.2
1337608	Soil			32	0.57	207	0.061	2	1.08	0.023	0.10	0.1	0.03	3.7	<0.1	0.05	4	<0.5	<0.2
1337609	Soil			41	0.50	438	0.023	3	1.28	0.016	0.12	0.2	0.08	5.3	0.2	0.16	4	2.4	<0.2
1337610	Soil			32	0.29	260	0.029	1	0.94	0.012	0.11	0.3	0.04	3.5	0.4	0.12	3	1.1	<0.2
1337611	Soil			46	0.23	491	0.030	1	0.99	0.010	0.17	0.1	0.06	5.6	0.6	0.36	3	3.7	0.4
1337612	Soil			32	0.36	464	0.021	<1	1.56	0.013	0.11	0.2	0.02	3.6	0.1	<0.05	4	<0.5	<0.2
1337613	Soil			27	0.21	366	0.016	<1	0.89	0.011	0.09	0.2	0.03	1.7	0.1	<0.05	3	<0.5	<0.2
1337614	Soil			29	0.23	434	0.021	<1	1.08	0.007	0.07	0.2	0.02	2.9	0.2	<0.05	4	0.6	<0.2
1337615	Soil			32	0.26	566	0.024	<1	1.06	0.007	0.08	0.2	0.04	3.5	0.4	0.06	3	<0.5	<0.2
1337616	Soil			32	0.32	528	0.034	1	1.25	0.016	0.09	0.1	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1337617	Soil			55	0.41	568	0.047	1	1.57	0.013	0.10	0.2	0.06	5.3	0.1	<0.05	5	1.2	<0.2
1337618	Soil			34	0.48	409	0.034	2	1.37	0.019	0.08	0.2	0.04	5.0	<0.1	<0.05	4	0.6	<0.2
1337619	Soil			20	0.20	221	0.020	<1	0.95	0.006	0.07	0.2	0.01	2.3	<0.1	<0.05	3	<0.5	<0.2
1337620	Soil			15	0.06	208	0.007	<1	0.64	0.005	0.13	0.3	0.03	0.8	<0.1	0.17	2	<0.5	<0.2
1337621	Soil			17	0.18	228	0.014	<1	0.82	0.005	0.12	0.2	0.02	1.4	<0.1	0.09	3	<0.5	<0.2
1337622	Soil			10	0.09	336	0.009	<1	0.85	0.010	0.08	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
1337623	Soil			6	0.05	130	0.018	<1	0.49	0.019	0.05	0.1	0.02	0.7	<0.1	<0.05	2	<0.5	<0.2
1337624	Soil			23	0.22	682	0.010	2	1.44	0.009	0.18	0.2	0.11	4.5	0.1	0.06	4	1.1	<0.2
1337625	Soil			31	0.51	225	0.069	<1	1.12	0.021	0.08	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1337626	Soil			27	0.37	145	0.057	<1	1.05	0.012	0.07	0.2	0.03	2.1	<0.1	<0.05	4	<0.5	<0.2
1337627	Soil			44	0.62	237	0.033	1	1.18	0.012	0.07	0.2	0.03	4.0	<0.1	<0.05	3	0.5	<0.2
1337676	Soil			42	0.47	158	0.095	<1	1.42	0.014	0.04	0.2	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1337677	Soil			225	2.19	322	0.069	1	2.56	0.011	0.13	<0.1	0.02	9.0	<0.1	<0.05	8	0.8	<0.2
1337678	Soil			202	2.10	313	0.087	1	2.68	0.010	0.21	<0.1	0.03	7.8	<0.1	<0.05	8	<0.5	<0.2
1337679	Soil			277	2.37	277	0.089	1	2.64	0.009	0.22	<0.1	0.02	9.1	<0.1	<0.05	9	0.7	<0.2
1337680	Soil			19	0.30	201	0.005	2	0.76	0.006	0.11	0.4	0.03	8.3	<0.1	0.06	2	0.7	<0.2
1337681	Soil			320	2.51	558	0.026	1	2.08	0.012	0.09	0.2	0.04	9.5	0.1	<0.05	5	<0.5	<0.2
1337682	Soil			472	2.89	505	0.071	2	2.60	0.010	0.12	<0.1	0.02	10.0	0.3	<0.05	7	0.7	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

DAW11000325.1

Method Analyte	1DX15																				
	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	
1337683	Soil	2.5	39.2	11.8	152	0.4	107.1	32.5	859	4.56	25.2	6.4	4.9	21	0.4	5.7	0.2	72	0.31	0.074	20
1337684	Soil	0.3	4.5	2.6	11	<0.1	2.8	1.5	71	0.60	1.5	3.9	<0.1	7	<0.1	0.1	<0.1	16	0.04	0.024	2
1337685	Soil	0.8	106.5	7.4	94	0.5	85.0	24.6	513	3.79	39.0	152.3	3.6	20	0.2	2.6	0.2	83	0.38	0.067	16
1337686	Soil	1.4	33.7	17.6	106	0.4	35.3	22.4	4393	2.76	77.7	8.9	3.4	32	0.9	1.6	0.3	41	0.46	0.072	26
1337687	Soil	2.4	39.6	10.3	101	0.4	34.0	15.4	588	3.59	190.6	25.6	2.9	19	0.5	1.5	0.2	56	0.20	0.071	14
1337688	Soil	0.7	17.7	9.0	68	0.1	20.1	7.1	283	2.08	11.0	4.5	3.9	27	0.2	0.7	0.2	46	0.41	0.078	14
1337689	Soil	2.0	29.3	13.4	100	0.5	39.0	24.0	1858	3.54	26.6	3.8	1.1	14	0.5	1.1	0.2	54	0.21	0.086	13
1337690	Soil	0.7	21.9	8.5	81	0.2	30.1	10.9	548	2.55	15.9	4.2	2.6	31	0.3	1.0	0.1	45	0.46	0.075	13
1337691	Soil	0.8	14.8	22.6	57	0.2	13.2	4.7	141	1.70	17.5	12.7	6.8	18	0.2	0.7	0.2	30	0.32	0.042	29
1337692	Soil	1.0	8.2	26.7	44	0.4	6.9	3.3	230	1.43	28.7	27.3	9.3	12	0.2	0.7	0.2	17	0.19	0.028	42
1337693	Soil	1.7	22.9	30.3	76	0.4	18.0	6.4	183	2.31	84.3	41.1	10.2	22	0.2	1.1	0.3	32	0.35	0.059	52
1337694	Soil	1.1	6.5	29.9	53	0.2	7.1	2.4	131	1.50	74.0	78.0	9.5	16	0.1	0.6	0.3	12	0.21	0.028	26
1337695	Soil	0.9	6.5	50.5	86	0.1	10.6	4.5	382	1.99	7.5	2.3	6.4	11	0.4	0.6	0.2	33	0.10	0.025	25
1337696	Soil	0.9	27.0	8.4	52	0.2	36.4	9.0	302	2.14	7.1	2.2	1.6	23	0.3	0.6	0.1	46	0.40	0.054	9
1337697	Soil	0.7	39.6	8.9	59	0.1	41.5	10.6	320	2.41	7.4	0.7	2.1	24	0.1	0.6	0.1	55	0.53	0.065	11
1337698	Soil	0.9	37.6	8.6	55	0.3	35.3	9.7	1184	1.89	6.7	1.5	0.6	45	0.3	0.8	0.1	40	0.97	0.076	10
1337699	Soil	0.6	41.0	7.9	57	0.1	226.0	18.9	378	2.66	8.1	1.4	2.5	21	0.1	0.6	0.1	54	0.50	0.051	12
1337700	Soil	0.9	30.9	10.3	55	0.1	100.5	13.9	615	2.73	9.1	2.7	2.0	22	0.2	0.7	0.1	48	0.34	0.056	11
1337701	Soil	1.6	34.6	14.1	86	0.4	24.8	8.5	259	3.08	23.2	2.1	2.3	9	0.2	2.5	0.2	37	0.08	0.071	16
1337702	Soil	1.2	23.3	12.8	44	0.6	13.2	5.0	139	2.09	18.0	1.5	0.9	8	0.1	1.4	0.2	25	0.07	0.075	13
1337703	Soil	1.8	25.4	19.5	102	0.3	36.7	10.7	725	2.59	26.5	3.6	6.2	13	0.4	1.2	0.3	34	0.21	0.055	22
1337704	Soil	1.0	19.2	9.2	53	0.3	19.3	8.2	475	2.37	11.1	1.5	0.8	19	0.2	0.7	0.2	43	0.22	0.058	15
1337705	Soil	0.8	25.2	11.0	56	0.2	17.9	6.0	130	2.54	10.0	1.1	0.8	10	0.2	0.8	0.2	47	0.11	0.037	10
1337706	Soil	1.1	16.9	10.8	41	0.1	16.2	9.2	716	1.85	12.3	1.9	0.2	9	0.2	0.4	0.2	40	0.09	0.046	8
1337707	Soil	1.4	30.1	10.2	85	0.2	36.8	17.7	1712	2.80	14.5	10.9	1.8	12	0.4	0.9	0.1	48	0.13	0.061	13
1337708	Soil	1.3	14.9	9.6	53	0.2	18.6	8.5	275	2.73	18.2	4.4	1.4	8	0.1	0.6	0.1	50	0.07	0.034	8
1337709	Soil	2.4	27.6	18.0	49	0.4	32.5	6.0	195	1.14	21.5	<0.5	0.2	14	0.4	0.6	0.1	23	0.19	0.065	8
1337710	Soil	1.3	33.5	15.9	95	0.6	39.8	17.7	933	3.41	48.5	2.8	2.9	35	0.7	0.4	0.1	69	0.73	0.094	24
1337711	Soil	0.7	35.2	6.1	76	<0.1	50.2	14.3	258	3.24	6.2	3.5	2.1	18	<0.1	0.5	<0.1	68	0.31	0.076	11
1337712	Soil	0.4	57.8	3.6	107	<0.1	74.9	15.6	165	3.62	2.6	1.1	1.3	21	0.1	0.2	<0.1	79	0.68	0.219	9

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1337683	Soil	178	1.17	260	0.009	2	1.74	0.007	0.08	0.6	0.10	7.4	0.2	<0.05	5	1.0	<0.2
1337684	Soil	5	0.05	35	0.022	<1	0.33	0.025	0.02	<0.1	<0.01	0.3	<0.1	<0.05	2	<0.5	<0.2
1337685	Soil	117	1.38	532	0.034	2	2.13	0.009	0.08	0.5	0.05	14.6	0.1	<0.05	6	1.3	<0.2
1337686	Soil	25	0.34	401	0.017	1	1.39	0.011	0.09	0.2	0.07	4.2	0.3	<0.05	4	1.3	<0.2
1337687	Soil	33	0.39	289	0.036	2	1.45	0.010	0.07	0.2	0.06	3.7	0.2	<0.05	4	1.3	<0.2
1337688	Soil	28	0.52	166	0.067	3	1.18	0.022	0.07	0.4	0.04	2.9	0.1	<0.05	4	<0.5	<0.2
1337689	Soil	38	0.29	231	0.009	2	1.31	0.006	0.06	0.3	0.08	3.7	0.2	<0.05	4	0.7	<0.2
1337690	Soil	27	0.49	222	0.032	2	0.96	0.010	0.09	0.2	0.05	3.1	<0.1	<0.05	3	0.7	<0.2
1337691	Soil	20	0.34	333	0.021	1	1.03	0.010	0.08	0.5	0.08	2.6	<0.1	<0.05	3	<0.5	<0.2
1337692	Soil	13	0.15	294	0.006	<1	0.72	0.004	0.08	0.5	0.06	1.9	<0.1	<0.05	2	0.5	<0.2
1337693	Soil	22	0.33	455	0.017	1	1.07	0.010	0.10	0.5	0.07	3.4	0.1	<0.05	3	1.4	<0.2
1337694	Soil	10	0.16	322	0.005	<1	0.63	0.004	0.09	0.6	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
1337695	Soil	18	0.18	136	0.015	<1	0.96	0.004	0.08	0.2	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1337696	Soil	54	0.64	262	0.047	<1	1.35	0.010	0.05	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1337697	Soil	55	0.73	336	0.050	<1	1.56	0.010	0.05	0.2	0.06	4.7	<0.1	<0.05	5	<0.5	<0.2
1337698	Soil	31	0.45	474	0.023	1	1.40	0.012	0.03	0.2	0.08	3.0	<0.1	0.05	4	0.5	<0.2
1337699	Soil	251	1.60	325	0.060	<1	1.85	0.010	0.06	0.2	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1337700	Soil	63	1.11	367	0.044	<1	1.58	0.009	0.04	0.2	0.06	4.0	<0.1	<0.05	4	<0.5	<0.2
1337701	Soil	24	0.19	138	0.012	<1	1.19	0.004	0.06	0.3	0.14	2.9	0.4	<0.05	3	0.7	<0.2
1337702	Soil	17	0.11	97	0.007	1	0.86	0.005	0.05	0.2	0.11	1.6	0.4	<0.05	3	0.7	<0.2
1337703	Soil	24	0.21	182	0.012	<1	1.09	0.006	0.09	0.3	0.03	3.7	0.2	<0.05	3	<0.5	<0.2
1337704	Soil	27	0.28	300	0.019	1	1.63	0.008	0.07	0.2	0.07	3.7	0.2	<0.05	5	0.6	<0.2
1337705	Soil	28	0.26	152	0.021	<1	1.43	0.006	0.05	0.2	0.09	2.8	0.1	<0.05	5	<0.5	<0.2
1337706	Soil	25	0.19	105	0.018	<1	1.06	0.007	0.05	0.1	0.03	1.4	0.1	<0.05	4	<0.5	<0.2
1337707	Soil	40	0.45	148	0.024	<1	1.38	0.005	0.05	0.2	0.03	3.4	0.1	<0.05	4	<0.5	<0.2
1337708	Soil	27	0.22	103	0.027	<1	1.59	0.006	0.05	0.1	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1337709	Soil	33	0.09	152	0.011	2	0.61	0.009	0.05	0.2	0.07	1.6	0.1	<0.05	3	<0.5	<0.2
1337710	Soil	113	1.12	387	0.055	1	1.91	0.009	0.26	0.2	0.06	8.4	0.3	<0.05	6	<0.5	<0.2
1337711	Soil	70	0.87	257	0.062	<1	2.13	0.008	0.08	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1337712	Soil	86	1.20	391	0.075	<1	2.10	0.009	0.41	<0.1	0.02	6.3	<0.1	<0.05	9	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

DAW11000325.1

Method Analyte	Unit	MDL	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	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
1337713	Soil		0.6	67.5	3.8	169	<0.1	82.0	25.6	313	4.62	5.3	0.9	1.1	44	<0.1	0.3	<0.1	112	0.90	0.357	12
1337714	Soil		0.7	27.8	7.7	65	<0.1	31.1	9.9	283	2.81	10.3	1.8	2.4	18	<0.1	0.6	0.1	57	0.29	0.053	11
1337715	Soil		0.9	26.4	9.9	50	0.1	25.0	8.2	312	2.52	12.9	3.9	2.6	16	0.1	0.7	0.1	53	0.22	0.024	11
1337716	Soil		1.3	36.1	11.8	67	0.2	36.9	10.1	513	2.56	18.5	3.3	2.6	20	0.2	1.3	0.1	53	0.39	0.045	13
1337717	Soil		0.8	23.0	8.4	57	0.1	28.1	9.0	398	2.39	11.9	2.1	2.9	16	0.1	0.6	0.1	50	0.26	0.035	12
1337718	Soil		0.7	30.9	6.4	50	<0.1	49.4	10.9	247	2.57	6.1	0.6	1.7	14	<0.1	0.4	0.1	72	0.32	0.022	7
1337719	Soil		0.8	32.2	9.1	55	0.2	45.0	13.2	965	2.53	7.5	<0.5	1.8	16	0.1	0.4	0.1	62	0.59	0.026	9
1337720	Soil		1.0	20.7	11.5	60	0.2	22.3	8.3	489	2.31	15.3	3.5	2.2	15	0.2	0.9	0.1	44	0.17	0.042	11
1337721	Soil		1.2	17.3	13.0	56	0.1	18.5	6.7	213	2.28	26.7	4.3	4.5	12	0.2	0.4	0.2	44	0.12	0.031	14
1337722	Soil		1.1	14.5	13.6	45	0.2	14.9	6.1	241	2.07	25.3	2.0	5.0	11	<0.1	0.4	0.2	37	0.12	0.030	15
1337723	Soil		1.0	14.6	15.0	46	<0.1	14.5	5.8	216	1.99	26.7	3.8	5.9	11	<0.1	0.4	0.2	38	0.10	0.017	17
1337724	Soil		1.1	16.5	12.9	46	0.2	13.8	5.7	136	2.23	18.4	3.1	4.2	11	<0.1	0.4	0.2	50	0.11	0.016	13
1337725	Soil		1.3	15.5	22.3	49	<0.1	16.5	5.6	184	2.20	73.5	5.0	7.6	14	0.1	0.6	0.3	38	0.09	0.022	24
1337726	Soil		1.5	18.1	15.8	48	0.1	20.1	7.0	272	2.49	35.2	6.1	6.7	15	0.1	0.6	0.2	53	0.12	0.024	21
1337727	Soil		0.9	17.7	17.8	48	0.1	19.7	6.2	245	2.23	34.3	3.1	8.4	18	<0.1	0.6	0.3	42	0.14	0.022	22
1337728	Soil		1.1	19.8	12.2	52	0.5	17.0	5.5	738	1.86	34.5	4.6	3.0	18	0.2	0.5	0.2	43	0.12	0.045	12
1337729	Soil		1.3	26.0	12.6	51	0.2	23.9	8.3	226	2.71	41.3	10.2	3.9	17	0.1	0.7	0.2	61	0.14	0.021	13
1337730	Soil		1.1	15.9	9.5	39	0.4	14.8	4.9	212	1.87	24.9	1.0	1.6	12	0.1	0.5	0.2	45	0.09	0.035	11
1337731	Soil		1.6	27.2	14.8	49	0.3	29.3	10.2	578	2.42	46.6	6.4	4.1	15	0.3	0.7	0.2	50	0.10	0.037	16
1337732	Soil		2.0	27.4	29.9	56	0.2	23.8	6.6	209	2.23	64.6	8.4	5.8	16	0.2	0.7	0.2	45	0.07	0.036	17
1337733	Soil		1.1	29.5	15.5	57	0.1	26.6	11.5	353	2.58	19.9	4.6	6.5	19	0.1	0.4	0.2	55	0.19	0.033	17
1337734	Soil		1.5	26.5	13.6	55	0.1	21.8	8.6	298	2.66	19.6	4.0	5.3	20	0.2	0.5	0.2	64	0.14	0.029	15
1337735	Soil		1.1	19.1	13.3	45	0.2	18.9	7.6	216	2.26	11.6	3.8	5.2	17	<0.1	0.4	0.2	51	0.14	0.019	15
1337736	Soil		1.2	16.6	12.0	49	0.1	18.7	6.9	237	2.24	13.7	2.3	4.2	12	<0.1	0.4	0.2	49	0.10	0.031	13
1337737	Soil		1.0	25.3	12.7	56	<0.1	23.9	9.2	244	2.29	10.6	3.6	6.9	19	<0.1	0.5	0.2	50	0.18	0.016	19
1337738	Soil		1.1	40.8	18.3	63	<0.1	36.7	10.8	310	2.54	18.8	3.0	13.4	23	<0.1	0.4	0.3	51	0.24	0.027	26
1337739	Soil		1.5	17.6	15.7	58	0.1	20.9	8.2	309	2.55	13.6	1.3	4.3	21	<0.1	0.4	0.3	59	0.23	0.042	20
1337740	Soil		0.9	16.2	22.8	60	0.1	15.1	6.3	209	1.65	3.8	0.8	12.6	21	<0.1	0.2	0.3	21	0.24	0.044	23
1337741	Soil		1.4	36.7	32.6	86	0.3	39.8	12.7	824	2.72	12.6	1.8	12.9	60	0.2	0.3	0.4	34	0.73	0.062	61
1337754	Soil		0.8	91.5	4.2	136	<0.1	191.8	34.0	856	5.53	0.9	0.9	1.5	35	0.2	0.2	<0.1	124	0.90	0.269	14

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1337713	Soil	63	0.71	315	0.052	<1	2.01	0.007	0.28	<0.1	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
1337714	Soil	44	0.55	250	0.052	1	1.59	0.008	0.06	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1337715	Soil	36	0.44	263	0.035	<1	1.60	0.008	0.04	0.2	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1337716	Soil	42	0.45	321	0.035	<1	1.37	0.009	0.06	0.3	0.06	4.9	<0.1	<0.05	4	0.5	<0.2
1337717	Soil	49	0.65	224	0.034	<1	1.41	0.009	0.05	0.2	0.02	3.7	<0.1	<0.05	4	<0.5	<0.2
1337718	Soil	87	0.89	237	0.052	<1	1.56	0.009	0.04	0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1337719	Soil	72	0.63	360	0.044	<1	1.73	0.013	0.05	0.2	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1337720	Soil	29	0.31	272	0.025	<1	1.31	0.006	0.06	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1337721	Soil	29	0.33	198	0.023	<1	1.41	0.007	0.07	0.1	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1337722	Soil	23	0.26	168	0.026	<1	1.17	0.006	0.06	0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
1337723	Soil	24	0.27	155	0.027	<1	1.16	0.005	0.07	0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1337724	Soil	25	0.27	166	0.030	<1	1.52	0.006	0.06	0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1337725	Soil	25	0.22	141	0.016	<1	1.19	0.005	0.10	0.1	0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1337726	Soil	35	0.36	197	0.033	2	1.69	0.008	0.10	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1337727	Soil	27	0.32	184	0.038	<1	1.46	0.009	0.10	0.1	0.02	3.6	0.1	<0.05	4	0.7	<0.2
1337728	Soil	20	0.20	287	0.025	1	1.23	0.012	0.08	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1337729	Soil	35	0.38	251	0.046	1	1.89	0.010	0.08	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1337730	Soil	20	0.16	133	0.031	<1	0.98	0.012	0.06	<0.1	0.02	1.7	0.1	<0.05	5	0.5	<0.2
1337731	Soil	32	0.25	224	0.023	<1	1.39	0.006	0.10	0.1	0.02	2.9	0.2	<0.05	4	0.7	<0.2
1337732	Soil	24	0.17	168	0.016	<1	1.10	0.011	0.08	0.2	0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1337733	Soil	41	0.60	250	0.030	2	1.64	0.007	0.08	0.3	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1337734	Soil	34	0.41	218	0.050	2	1.73	0.014	0.09	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1337735	Soil	27	0.36	222	0.045	2	1.53	0.020	0.08	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1337736	Soil	27	0.36	177	0.045	2	1.34	0.009	0.07	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1337737	Soil	31	0.42	270	0.063	2	1.54	0.016	0.07	0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2
1337738	Soil	43	0.73	260	0.062	3	1.67	0.011	0.13	0.1	0.03	4.8	0.2	<0.05	5	<0.5	<0.2
1337739	Soil	27	0.47	232	0.036	1	1.65	0.010	0.09	0.2	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1337740	Soil	14	1.32	292	0.017	1	1.70	0.006	0.11	<0.1	<0.01	1.6	0.1	<0.05	5	<0.5	<0.2
1337741	Soil	32	1.04	396	0.033	1	1.63	0.007	0.19	0.1	0.03	3.5	0.3	0.09	5	0.6	<0.2
1337754	Soil	233	1.80	1023	0.151	<1	3.13	0.010	0.85	0.1	<0.01	9.6	0.2	<0.05	12	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	MDL	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	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
1337755	Soil		1.6	44.1	7.8	77	0.1	63.3	15.8	370	3.91	3.4	2.1	2.7	18	0.1	0.4	0.1	69	0.24	0.093	17
1337756	Soil		1.1	37.6	7.7	61	<0.1	108.6	14.6	415	2.94	4.1	1.7	1.0	20	0.1	0.4	0.1	75	0.24	0.066	16
1337757	Soil		0.4	97.8	1.5	200	<0.1	121.4	34.4	561	6.16	1.0	<0.5	0.7	40	<0.1	0.3	<0.1	151	0.96	0.328	15
1337758	Soil		0.5	75.9	4.6	136	<0.1	116.8	27.2	576	4.38	6.1	1.1	1.6	21	0.2	0.6	<0.1	108	0.64	0.230	11
1337759	Soil		1.0	39.7	7.6	95	0.2	63.6	22.7	1316	3.69	33.9	21.1	2.0	19	0.2	2.5	0.2	78	0.36	0.118	12
1337760	Soil		1.3	44.0	10.8	80	0.5	35.9	12.1	418	2.64	15.7	31.8	3.2	17	0.3	1.8	0.2	44	0.17	0.067	21
1337761	Soil		1.6	35.0	11.0	86	0.1	39.5	15.8	627	3.13	21.6	6.0	5.6	14	0.2	1.0	0.3	49	0.14	0.050	22
1337762	Soil		1.4	26.5	11.8	86	<0.1	31.7	19.3	916	3.16	28.0	4.2	5.9	13	0.3	0.7	0.3	51	0.13	0.056	18
1337763	Soil		1.6	23.2	11.2	78	<0.1	23.8	10.2	388	2.78	23.5	4.8	6.2	12	0.2	0.8	0.3	41	0.10	0.036	22
1337764	Soil		1.7	53.3	8.4	117	0.1	100.2	16.1	362	3.88	28.6	6.5	5.0	14	0.3	1.7	0.2	54	0.13	0.064	17
1337765	Soil		1.7	66.4	10.2	96	0.2	314.4	33.2	971	3.92	14.6	2.5	6.8	16	0.4	2.4	0.2	81	0.31	0.084	26
1337766	Soil		1.0	27.7	45.2	43	0.5	30.4	11.8	288	3.74	124.5	7.1	15.5	27	0.1	4.7	0.4	14	0.06	0.039	38
1337767	Soil		1.3	35.6	20.3	90	0.4	59.1	13.7	431	3.29	94.1	6.9	9.6	32	0.2	2.2	0.3	38	0.78	0.060	35
1337768	Soil		3.0	45.1	23.8	111	0.6	47.1	15.6	436	3.69	199.5	12.7	9.5	12	0.1	2.8	0.4	43	0.02	0.035	26
1337769	Soil		1.8	31.6	11.7	93	<0.1	38.8	13.1	430	3.56	82.2	10.8	6.1	12	0.2	1.6	0.2	58	0.10	0.048	19
1337770	Soil		1.7	34.8	11.3	78	0.3	30.8	19.9	641	3.96	140.4	94.9	3.7	14	0.2	1.3	0.3	62	0.14	0.109	18
1337771	Soil		2.6	33.7	16.5	70	0.2	34.3	11.9	649	4.03	107.8	8.6	3.7	12	0.1	2.2	0.4	75	0.07	0.082	16
1337772	Soil		4.5	48.2	13.6	121	0.2	54.3	11.2	346	5.32	302.4	19.6	3.1	11	0.2	2.2	0.3	93	0.03	0.076	13
1337773	Soil		3.1	37.0	13.5	104	0.4	59.0	27.7	2550	3.68	32.4	7.1	1.7	16	0.2	1.7	0.2	59	0.14	0.096	12
1337774	Soil		3.3	70.4	30.2	183	0.3	102.1	26.5	860	5.09	59.3	8.7	8.1	21	0.4	2.2	0.4	78	0.27	0.104	27
1337775	Soil		2.9	78.0	21.4	227	0.5	239.0	35.2	602	6.00	54.5	4.4	6.4	18	0.4	2.7	0.2	86	0.24	0.101	25
1337776	Soil		2.2	67.4	27.7	269	0.5	240.9	35.2	502	5.83	44.8	2.8	10.3	22	0.5	2.2	0.3	74	0.35	0.116	31
1337777	Soil		2.4	71.4	19.6	242	0.6	235.9	42.0	739	6.01	66.8	3.9	4.9	21	0.6	1.5	0.2	98	0.37	0.109	24
1337778	Soil		1.4	7.2	26.0	36	0.2	8.7	3.6	139	1.43	20.1	16.8	6.8	12	0.1	0.6	0.3	26	0.13	0.022	23
1337779	Soil		1.4	9.2	27.2	40	0.1	11.7	5.2	154	1.85	109.1	93.8	10.8	13	0.2	0.8	0.3	34	0.11	0.011	26
1337780	Soil		1.7	7.3	23.0	35	<0.1	6.5	1.9	87	1.29	63.9	4.6	6.5	6	<0.1	0.9	0.3	32	0.02	0.017	19
1337781	Soil		1.5	12.9	48.5	90	<0.1	14.3	7.7	419	2.74	175.8	18.1	13.5	16	0.2	1.1	0.3	26	0.09	0.027	29
1337782	Soil		1.8	4.6	16.0	38	<0.1	3.3	1.8	159	1.17	22.8	92.1	6.5	14	<0.1	0.9	0.2	19	0.01	0.019	21
1337783	Soil		1.7	4.9	49.2	66	0.6	4.9	1.5	299	1.46	11.9	27.7	26.2	14	0.3	2.0	0.5	5	0.09	0.015	73
1337801	Soil		1.0	41.6	10.1	72	0.2	33.3	10.0	372	2.55	10.5	5.7	3.7	40	0.3	1.0	0.2	54	0.49	0.070	17

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

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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		
				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	
1337755	Soil			77	0.75	287	0.064	<1	2.18	0.009	0.14	0.1	0.04	4.8	0.1	<0.05	7	<0.5	<0.2
1337756	Soil			170	1.17	241	0.046	<1	2.11	0.010	0.06	<0.1	0.03	3.2	<0.1	0.05	7	<0.5	<0.2
1337757	Soil			84	1.72	486	0.153	<1	3.14	0.009	1.15	0.1	0.01	7.3	0.1	<0.05	14	<0.5	<0.2
1337758	Soil			114	1.68	405	0.138	<1	2.77	0.010	0.70	0.1	<0.01	5.6	0.1	<0.05	10	<0.5	<0.2
1337759	Soil			63	0.86	251	0.061	2	1.91	0.011	0.20	0.2	0.03	4.5	0.1	0.07	7	<0.5	<0.2
1337760	Soil			33	0.27	220	0.013	1	1.42	0.013	0.08	0.3	0.19	6.7	0.3	0.05	4	0.9	<0.2
1337761	Soil			46	0.44	141	0.026	<1	1.55	0.007	0.09	0.2	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1337762	Soil			32	0.38	118	0.028	1	1.61	0.010	0.11	0.2	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1337763	Soil			19	0.23	140	0.024	<1	1.33	0.006	0.11	0.2	0.03	3.4	0.3	<0.05	4	<0.5	<0.2
1337764	Soil			83	0.75	182	0.050	<1	1.54	0.007	0.09	0.2	0.04	5.6	0.2	<0.05	4	<0.5	<0.2
1337765	Soil			307	2.21	228	0.029	2	2.51	0.008	0.07	0.2	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
1337766	Soil			13	0.11	165	0.001	<1	0.52	0.006	0.26	0.3	0.02	1.8	0.2	0.48	1	0.7	<0.2
1337767	Soil			48	0.54	194	0.007	1	1.14	0.009	0.11	0.3	0.03	3.5	0.1	0.10	3	0.9	<0.2
1337768	Soil			15	0.09	314	0.003	<1	1.18	0.007	0.13	0.3	0.02	3.4	0.2	0.10	3	1.1	<0.2
1337769	Soil			29	0.32	207	0.022	<1	1.63	0.010	0.09	0.2	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1337770	Soil			22	0.43	173	0.017	<1	1.69	0.008	0.08	0.4	0.03	4.7	0.1	<0.05	6	0.7	<0.2
1337771	Soil			30	0.20	160	0.024	<1	1.55	0.005	0.07	0.3	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1337772	Soil			30	0.09	88	0.027	<1	0.96	0.006	0.04	0.4	0.03	2.9	0.2	<0.05	6	1.0	0.3
1337773	Soil			36	0.22	131	0.032	1	0.91	0.009	0.07	0.3	0.05	3.6	0.3	<0.05	4	1.1	<0.2
1337774	Soil			114	1.11	223	0.020	2	1.99	0.006	0.16	0.6	0.02	6.4	0.3	0.06	6	1.3	<0.2
1337775	Soil			270	1.27	212	0.028	<1	1.80	0.007	0.13	1.4	0.05	9.9	0.2	<0.05	5	0.7	<0.2
1337776	Soil			188	1.27	181	0.032	<1	1.76	0.005	0.18	0.6	0.03	11.3	0.2	<0.05	5	0.8	<0.2
1337777	Soil			173	1.78	198	0.025	1	2.29	0.007	0.16	0.4	0.04	10.5	0.3	0.05	6	0.8	<0.2
1337778	Soil			13	0.18	254	0.011	<1	0.85	0.007	0.09	0.5	0.03	1.4	0.1	<0.05	3	<0.5	<0.2
1337779	Soil			20	0.26	299	0.019	<1	1.11	0.006	0.09	0.3	0.03	1.9	0.1	<0.05	3	<0.5	<0.2
1337780	Soil			12	0.05	57	0.014	<1	0.71	0.003	0.08	0.4	0.01	0.8	0.1	<0.05	4	<0.5	<0.2
1337781	Soil			19	0.28	215	0.019	<1	1.16	0.006	0.10	0.5	0.01	2.9	<0.1	<0.05	3	0.7	<0.2
1337782	Soil			6	0.03	82	0.005	<1	0.53	0.004	0.08	0.5	0.02	0.9	<0.1	<0.05	3	<0.5	<0.2
1337783	Soil			7	0.09	157	0.004	<1	0.46	0.004	0.07	0.2	0.06	3.6	<0.1	<0.05	1	0.5	<0.2
1337801	Soil			39	0.58	379	0.085	<1	1.52	0.024	0.05	0.3	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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CERTIFICATE OF ANALYSIS

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Method	Analyte	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
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	2	0.01	0.001	1	
1337802	Soil	0.9	27.9	9.4	49	0.1	22.3	9.4	590	2.16	8.7	6.0	3.0	30	0.2	0.9	0.2	49	0.27	0.053	14
1337803	Soil	0.9	32.9	10.9	56	0.1	24.8	9.4	434	2.29	10.7	5.6	3.5	32	0.2	1.1	0.2	48	0.31	0.042	15
1337804	Soil	1.3	38.6	12.5	65	<0.1	29.6	9.1	378	2.61	13.3	7.0	4.4	35	<0.1	1.2	0.2	57	0.38	0.039	17
1337805	Soil	1.0	37.4	10.1	62	<0.1	30.5	10.6	388	2.34	16.4	7.9	4.4	32	0.1	1.3	0.2	53	0.32	0.041	16
1337806	Soil	0.9	30.9	10.2	68	0.2	26.5	8.2	238	2.34	19.6	8.4	4.5	30	0.1	1.8	0.2	50	0.28	0.049	16
1337807	Soil	1.5	28.6	12.8	65	0.1	26.5	8.9	307	2.68	20.0	5.8	3.4	23	0.2	1.6	0.2	60	0.15	0.028	13
1337808	Soil	1.2	29.7	10.9	67	<0.1	30.1	8.4	345	2.66	22.8	11.7	3.6	22	<0.1	2.1	0.2	54	0.15	0.032	14
1337809	Soil	1.0	21.3	10.7	63	0.2	22.7	8.3	421	2.29	14.2	5.3	4.3	23	0.3	1.7	0.2	45	0.20	0.049	15
1337810	Soil	1.4	33.1	11.5	74	0.1	30.1	11.9	780	2.81	22.2	9.0	3.4	22	0.3	1.7	0.2	55	0.15	0.045	16
1337811	Soil	1.0	21.6	25.8	52	<0.1	14.2	4.6	170	2.04	45.8	22.6	4.4	14	0.2	0.7	0.2	40	0.08	0.027	20
1337812	Soil	1.7	33.1	12.7	69	<0.1	23.5	9.3	330	2.74	22.0	4.7	6.3	15	0.1	0.8	0.2	47	0.09	0.027	21



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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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 Vancouver BC V6C 3K4 Canada

Project: DOW
Report Date: October 01, 2011

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CERTIFICATE OF ANALYSIS

DAW11000325.1

Method	Analyte	1DX15	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
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
1337802	Soil	32	0.45	323	0.068	<1	1.55	0.014	0.05	0.3	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1337803	Soil	33	0.48	373	0.064	<1	1.43	0.014	0.04	0.4	0.03	4.6	<0.1	<0.05	4	0.5	<0.2
1337804	Soil	39	0.55	397	0.079	<1	1.72	0.019	0.05	0.3	0.05	6.1	<0.1	<0.05	5	<0.5	<0.2
1337805	Soil	41	0.52	332	0.073	<1	1.43	0.017	0.06	0.3	0.06	5.8	<0.1	<0.05	4	<0.5	<0.2
1337806	Soil	33	0.45	254	0.072	1	1.40	0.016	0.06	0.3	0.04	4.5	<0.1	<0.05	4	<0.5	<0.2
1337807	Soil	37	0.43	260	0.052	<1	1.74	0.010	0.05	0.5	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1337808	Soil	38	0.42	269	0.051	<1	1.52	0.011	0.04	0.5	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1337809	Soil	29	0.36	188	0.064	1	1.12	0.011	0.05	0.3	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
1337810	Soil	38	0.43	234	0.040	2	1.82	0.011	0.07	0.3	0.05	4.7	<0.1	<0.05	5	<0.5	<0.2
1337811	Soil	24	0.33	128	0.041	<1	1.23	0.010	0.07	0.2	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
1337812	Soil	29	0.37	184	0.052	1	1.43	0.009	0.06	0.2	0.04	5.4	<0.1	<0.05	4	0.6	<0.2



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

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Report Date: October 01, 2011

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QUALITY CONTROL REPORT

DAW11000325.1

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	
Pulp Duplicates																					
1337609	Soil	2.0	72.9	20.6	106	0.6	59.8	15.8	698	3.38	344.8	124.5	3.8	51	0.8	2.2	0.3	46	1.04	0.097	14
REP 1337609	QC	1.9	70.0	20.0	102	0.6	56.5	14.9	687	3.14	325.3	107.7	3.7	49	0.7	2.0	0.3	44	1.00	0.094	14
1337676	Soil	0.7	12.6	8.6	62	<0.1	26.5	14.6	467	2.45	5.3	1.8	2.9	23	0.1	0.4	0.1	55	0.27	0.067	12
REP 1337676	QC	0.8	12.2	8.8	61	<0.1	26.6	14.1	465	2.37	5.2	3.9	2.9	24	0.2	0.4	0.1	55	0.27	0.063	12
1337691	Soil	0.8	14.8	22.6	57	0.2	13.2	4.7	141	1.70	17.5	12.7	6.8	18	0.2	0.7	0.2	30	0.32	0.042	29
REP 1337691	QC	1.0	15.0	22.5	56	0.3	13.2	4.8	139	1.73	17.4	37.9	6.6	18	0.2	0.7	0.2	29	0.30	0.046	27
1337714	Soil	0.7	27.8	7.7	65	<0.1	31.1	9.9	283	2.81	10.3	1.8	2.4	18	<0.1	0.6	0.1	57	0.29	0.053	11
REP 1337714	QC	0.9	28.9	8.1	63	<0.1	31.8	10.1	280	2.84	10.9	0.7	2.4	18	<0.1	0.8	0.1	59	0.31	0.054	12
1337756	Soil	1.1	37.6	7.7	61	<0.1	108.6	14.6	415	2.94	4.1	1.7	1.0	20	0.1	0.4	0.1	75	0.24	0.066	16
REP 1337756	QC	1.1	39.4	7.5	61	<0.1	106.1	14.1	410	2.98	4.0	0.7	0.9	20	0.1	0.4	0.1	72	0.25	0.061	16
1337776	Soil	2.2	67.4	27.7	269	0.5	240.9	35.2	502	5.83	44.8	2.8	10.3	22	0.5	2.2	0.3	74	0.35	0.116	31
REP 1337776	QC	2.2	68.9	26.9	273	0.5	241.7	34.5	477	5.75	43.9	3.4	10.7	21	0.5	2.1	0.3	77	0.36	0.114	32
1337803	Soil	0.9	32.9	10.9	56	0.1	24.8	9.4	434	2.29	10.7	5.6	3.5	32	0.2	1.1	0.2	48	0.31	0.042	15
REP 1337803	QC	1.0	33.5	10.2	58	0.1	24.9	9.1	419	2.23	10.3	8.9	3.5	33	0.1	1.1	0.2	49	0.33	0.041	16
Reference Materials																					
STD DS8	Standard	11.4	99.4	114.9	304	1.9	34.3	6.7	592	2.35	24.7	105.3	5.7	58	2.1	4.5	5.6	39	0.63	0.075	13
STD DS8	Standard	14.0	114.6	129.1	312	1.9	39.1	7.9	641	2.52	25.4	110.3	7.8	70	2.4	6.2	7.6	44	0.72	0.082	18
STD DS8	Standard	13.3	105.7	126.9	302	1.7	36.5	7.2	597	2.40	24.1	117.8	6.7	72	2.4	5.6	6.3	41	0.71	0.077	16
STD DS8	Standard	13.0	100.7	116.0	297	1.7	34.9	7.0	586	2.36	24.3	109.6	6.6	67	2.2	5.3	6.1	40	0.72	0.073	17
STD DS8	Standard	12.6	121.5	130.1	330	1.8	36.9	7.4	594	2.45	26.0	121.7	6.8	75	2.6	6.8	7.7	40	0.68	0.083	15
STD DS8	Standard	14.2	107.3	130.2	295	1.7	39.9	8.1	578	2.34	21.8	104.2	6.9	72	2.1	5.1	6.5	46	0.67	0.075	15
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



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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

Project: DOW
 Report Date: October 01, 2011

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QUALITY CONTROL REPORT

DAW11000325.1

Method	1DX15	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	
Pulp Duplicates																	
1337609	Soil	41	0.50	438	0.023	3	1.28	0.016	0.12	0.2	0.08	5.3	0.2	0.16	4	2.4	<0.2
REP 1337609	QC	38	0.49	427	0.024	3	1.22	0.016	0.12	0.2	0.07	5.0	0.2	0.14	3	2.2	<0.2
1337676	Soil	42	0.47	158	0.095	<1	1.42	0.014	0.04	0.2	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1337676	QC	41	0.46	158	0.095	2	1.40	0.014	0.04	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1337691	Soil	20	0.34	333	0.021	1	1.03	0.010	0.08	0.5	0.08	2.6	<0.1	<0.05	3	<0.5	<0.2
REP 1337691	QC	20	0.29	315	0.019	2	0.99	0.009	0.08	0.4	0.07	2.6	<0.1	<0.05	3	0.6	<0.2
1337714	Soil	44	0.55	250	0.052	1	1.59	0.008	0.06	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 1337714	QC	42	0.58	260	0.051	<1	1.64	0.008	0.06	0.2	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1337756	Soil	170	1.17	241	0.046	<1	2.11	0.010	0.06	<0.1	0.03	3.2	<0.1	0.05	7	<0.5	<0.2
REP 1337756	QC	165	1.17	238	0.049	1	2.08	0.009	0.07	<0.1	0.04	3.3	<0.1	<0.05	7	<0.5	<0.2
1337776	Soil	188	1.27	181	0.032	<1	1.76	0.005	0.18	0.6	0.03	11.3	0.2	<0.05	5	0.8	<0.2
REP 1337776	QC	187	1.20	184	0.033	<1	1.65	0.005	0.18	0.6	0.03	11.5	0.2	<0.05	5	0.8	<0.2
1337803	Soil	33	0.48	373	0.064	<1	1.43	0.014	0.04	0.4	0.03	4.6	<0.1	<0.05	4	0.5	<0.2
REP 1337803	QC	32	0.47	365	0.071	<1	1.48	0.018	0.05	0.4	0.03	4.8	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	108	0.56	258	0.096	2	0.83	0.079	0.39	2.9	0.22	2.0	5.6	0.12	4	4.9	4.8
STD DS8	Standard	126	0.63	291	0.129	3	0.95	0.088	0.41	3.1	0.18	2.4	5.4	0.19	5	4.9	5.1
STD DS8	Standard	117	0.61	298	0.111	4	0.99	0.105	0.46	3.1	0.19	2.3	5.5	0.15	5	6.1	5.3
STD DS8	Standard	109	0.58	262	0.116	3	0.91	0.095	0.41	2.9	0.19	2.4	5.1	0.12	5	4.5	4.8
STD DS8	Standard	113	0.61	272	0.128	3	0.89	0.092	0.42	3.2	0.22	2.6	5.4	0.15	5	5.5	4.8
STD DS8	Standard	119	0.60	259	0.118	2	1.00	0.136	0.47	3.0	0.21	2.4	5.5	0.14	5	4.8	4.7
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



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: October 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

DAW11000245.2

CLIENT JOB INFORMATION

Project: FOM
Shipment ID: FOM
P.O. Number
Number of Samples: 320

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			DAW
SS80	320	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

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

ADDITIONAL COMMENTS

Version 2 : Revised sample ID 1135883 with 1335883.

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



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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
1334980	Soil	0.9	16.6	8.5	53	0.1	15.7	7.5	171	2.12	6.6	2.0	2.8	26	0.1	0.5	0.2	48	0.29	0.046	12
1334981	Soil	0.8	15.4	7.4	47	<0.1	14.2	6.4	170	1.96	6.2	2.5	3.5	26	<0.1	0.4	0.1	45	0.34	0.049	14
1334982	Soil	1.1	23.0	9.3	61	0.1	20.0	9.3	307	2.62	8.6	1.8	3.6	31	0.1	0.7	0.2	55	0.40	0.052	15
1334983	Soil	0.9	23.3	7.6	52	0.2	17.9	7.3	210	2.08	6.9	2.3	2.8	29	0.2	0.5	0.2	45	0.35	0.053	14
1334984	Soil	0.8	12.8	7.5	51	0.1	13.1	6.9	194	1.88	6.5	1.0	2.2	25	0.2	0.5	0.1	45	0.32	0.063	12
1334985	Soil	0.9	22.9	8.3	57	0.1	21.4	8.6	269	2.30	8.5	4.7	3.5	34	0.1	0.6	0.1	48	0.46	0.063	14
1334986	Soil	0.8	24.2	8.6	63	0.1	21.5	8.3	233	2.37	7.8	2.4	3.6	34	0.2	0.6	0.2	50	0.46	0.069	16
1334987	Soil	0.8	24.6	8.3	58	<0.1	21.2	8.5	244	2.27	7.5	2.3	3.5	33	0.2	0.6	0.2	49	0.42	0.064	16
1334988	Soil	1.0	28.4	9.1	69	0.2	25.8	10.6	355	2.47	9.6	7.5	3.6	40	0.3	0.8	0.2	50	0.62	0.073	15
1334989	Soil	0.9	25.5	8.4	64	0.1	23.7	9.9	388	2.45	9.5	9.8	3.6	40	0.2	0.7	0.1	52	0.60	0.071	15
1334990	Soil	0.9	27.4	9.7	74	0.1	25.8	10.4	416	2.55	10.5	1.7	3.7	40	0.3	0.8	0.2	52	0.56	0.073	15
1334991	Soil	0.8	14.5	7.7	61	0.1	17.6	8.4	394	2.14	8.5	1.7	2.4	33	0.2	0.5	0.1	49	0.45	0.066	12
1334992	Soil	0.9	30.7	8.4	71	0.1	26.5	10.9	452	2.51	10.0	5.0	3.6	46	0.3	0.7	0.1	56	1.12	0.083	13
1334993	Soil	0.8	18.1	6.8	57	0.1	19.5	8.3	500	2.07	7.6	3.9	2.7	46	0.2	0.5	0.1	45	0.75	0.081	13
1334994	Soil	0.7	20.3	7.7	60	<0.1	19.6	7.9	219	2.15	6.8	2.3	2.9	33	0.2	0.5	0.1	50	0.43	0.068	15
1334995	Soil	0.8	33.4	7.6	70	0.1	29.1	8.9	250	2.52	5.8	1.7	2.5	31	0.2	0.4	0.1	56	0.35	0.057	16
1334996	Soil	1.0	46.8	7.2	74	<0.1	26.8	10.9	502	2.77	4.8	1.4	2.1	15	0.4	0.3	0.2	62	0.13	0.032	12
1334997	Soil	1.8	104.0	8.1	56	<0.1	27.0	11.6	801	2.18	1.6	<0.5	3.5	7	0.1	<0.1	0.1	52	0.05	0.017	15
1334998	Soil	1.7	105.5	7.6	56	<0.1	25.3	10.9	734	2.14	1.6	<0.5	3.2	7	0.1	<0.1	0.1	50	0.04	0.016	14
1334999	Soil	2.8	136.7	12.1	94	<0.1	63.0	14.7	1704	2.83	1.8	1.4	4.3	9	0.3	<0.1	0.2	59	0.05	0.020	18
1335000	Soil	1.0	26.9	8.4	46	0.2	15.8	5.5	114	2.05	4.6	2.4	2.6	28	<0.1	0.5	0.1	44	0.23	0.035	13
1337901	Soil	0.7	22.4	8.7	58	0.1	18.8	5.7	183	2.01	4.9	1.1	4.5	35	0.1	0.5	0.1	42	0.32	0.055	17
1337902	Soil	1.4	36.2	9.2	63	0.1	20.5	6.2	169	2.42	5.6	2.2	5.1	30	<0.1	0.6	0.1	49	0.25	0.047	19
1337903	Soil	1.1	30.6	10.6	64	0.2	23.5	9.4	263	2.63	9.0	4.1	4.4	38	0.2	0.7	0.2	53	0.45	0.058	16
1337904	Soil	0.5	26.1	9.2	63	<0.1	20.1	9.2	241	2.09	5.0	4.0	4.7	29	0.2	0.6	0.1	48	0.33	0.051	16
1337905	Soil	0.7	20.1	9.2	52	<0.1	19.0	8.2	187	2.45	8.6	4.1	3.6	29	<0.1	0.5	0.1	53	0.29	0.043	14
1337906	Soil	0.8	28.5	9.3	58	0.1	21.7	7.9	217	2.39	8.6	3.1	3.9	37	0.1	0.6	0.1	50	0.43	0.055	17
1337907	Soil	0.8	27.5	10.3	54	<0.1	19.5	9.4	196	2.52	9.2	2.7	4.7	29	0.1	0.4	0.2	53	0.28	0.041	15
1337908	Soil	1.0	20.4	7.5	45	<0.1	19.6	7.4	201	2.27	8.7	1.1	2.2	16	<0.1	0.5	0.1	53	0.14	0.031	10
1337909	Soil	1.0	24.3	11.7	49	<0.1	20.6	9.0	189	2.83	9.9	1.9	4.8	18	<0.1	0.5	0.2	66	0.13	0.018	14

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1334980	Soil	24	0.43	272	0.053	<1	1.54	0.016	0.05	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1334981	Soil	23	0.40	237	0.065	1	1.34	0.017	0.05	0.2	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1334982	Soil	29	0.51	349	0.063	1	1.71	0.019	0.06	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1334983	Soil	24	0.41	297	0.057	<1	1.43	0.016	0.05	0.1	0.04	2.9	<0.1	<0.05	4	0.6	<0.2
1334984	Soil	22	0.37	213	0.049	1	1.23	0.014	0.05	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1334985	Soil	27	0.48	319	0.057	<1	1.44	0.019	0.05	0.2	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1334986	Soil	28	0.50	333	0.065	1	1.55	0.020	0.05	0.1	0.04	3.6	0.1	<0.05	4	0.6	<0.2
1334987	Soil	27	0.46	322	0.062	<1	1.45	0.018	0.05	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1334988	Soil	27	0.53	386	0.065	1	1.40	0.030	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
1334989	Soil	27	0.51	334	0.066	1	1.42	0.027	0.07	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1334990	Soil	28	0.58	341	0.063	2	1.36	0.033	0.07	0.2	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1334991	Soil	25	0.48	276	0.054	1	1.33	0.020	0.06	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1334992	Soil	29	0.78	323	0.080	2	1.30	0.037	0.09	0.2	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1334993	Soil	24	0.50	277	0.060	2	1.19	0.031	0.06	0.2	0.03	2.9	<0.1	<0.05	4	0.6	<0.2
1334994	Soil	27	0.47	293	0.067	1	1.42	0.017	0.06	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1334995	Soil	34	0.52	346	0.086	1	1.70	0.013	0.12	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1334996	Soil	30	0.56	217	0.092	<1	1.97	0.008	0.18	0.2	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1334997	Soil	23	0.72	361	0.113	<1	1.40	0.004	0.74	<0.1	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2
1334998	Soil	23	0.71	340	0.111	<1	1.40	0.004	0.71	<0.1	<0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1334999	Soil	30	0.85	487	0.129	<1	1.73	0.005	0.91	0.2	<0.01	5.1	0.3	<0.05	7	<0.5	<0.2
1335000	Soil	23	0.35	796	0.069	<1	1.74	0.018	0.10	<0.1	0.04	2.7	<0.1	<0.05	5	0.6	<0.2
1337901	Soil	26	0.47	835	0.071	<1	1.34	0.016	0.10	<0.1	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1337902	Soil	26	0.49	1307	0.092	<1	1.50	0.013	0.17	<0.1	0.04	3.3	0.1	<0.05	5	0.9	<0.2
1337903	Soil	31	0.49	952	0.072	<1	1.70	0.019	0.07	<0.1	0.05	3.9	<0.1	<0.05	5	0.7	<0.2
1337904	Soil	28	0.45	410	0.083	<1	1.41	0.017	0.09	<0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1337905	Soil	29	0.45	493	0.072	<1	1.80	0.011	0.05	0.1	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1337906	Soil	29	0.44	859	0.067	<1	1.60	0.015	0.06	0.1	0.04	4.1	<0.1	<0.05	5	0.7	<0.2
1337907	Soil	31	0.45	614	0.077	<1	1.81	0.009	0.05	<0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1337908	Soil	28	0.33	246	0.065	1	1.37	0.009	0.04	<0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1337909	Soil	33	0.42	258	0.067	<1	2.23	0.008	0.04	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	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
1337910	Soil	28	0.48	276	0.065	<1	1.32	0.010	0.03	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1335622	Soil	27	0.40	165	0.057	1	1.49	0.012	0.04	0.2	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
1335623	Soil	27	0.39	181	0.052	<1	1.44	0.011	0.04	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
1335624	Soil	33	0.43	213	0.061	<1	1.61	0.011	0.04	0.2	0.05	3.3	<0.1	<0.05	5	<0.5	<0.2
1335625	Soil	194	1.51	337	0.093	<1	2.13	0.009	0.21	<0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1335626	Soil	81	0.88	195	0.065	<1	1.79	0.009	0.08	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1335627	Soil	55	0.64	79	0.062	1	1.36	0.011	0.05	<0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1335628	Soil	45	0.51	212	0.068	1	1.20	0.021	0.05	<0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1335629	Soil	47	0.55	246	0.040	<1	1.63	0.015	0.08	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1335630	Soil	31	0.43	180	0.034	<1	1.27	0.010	0.07	0.2	0.04	3.5	0.1	<0.05	4	<0.5	<0.2
1335631	Soil	29	0.62	259	0.073	2	1.69	0.009	0.12	0.1	0.05	2.7	0.1	<0.05	6	1.4	<0.2
1335632	Soil	37	0.52	186	0.025	<1	1.54	0.010	0.05	0.1	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1335633	Soil	29	0.40	312	0.027	<1	1.85	0.011	0.07	0.2	0.08	3.7	0.1	<0.05	6	<0.5	<0.2
1335651	Soil	42	0.80	184	0.075	<1	1.80	0.007	0.15	<0.1	<0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1335652	Soil	44	0.69	239	0.065	1	2.26	0.008	0.10	0.1	0.02	3.6	0.2	<0.05	5	0.6	<0.2
1335653	Soil	22	0.45	354	0.049	<1	1.41	0.006	0.08	<0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1335654	Soil	25	0.63	473	0.052	<1	1.65	0.007	0.18	<0.1	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1335655	Soil	22	0.73	317	0.083	<1	1.36	0.005	0.41	<0.1	0.02	3.7	0.3	<0.05	4	<0.5	<0.2
1335656	Soil	23	0.37	201	0.050	<1	1.29	0.006	0.08	<0.1	0.06	3.1	0.1	<0.05	4	<0.5	<0.2
1335657	Soil	39	0.47	420	0.035	<1	2.34	0.009	0.10	0.1	0.17	3.8	0.2	<0.05	6	0.5	<0.2
1335658	Soil	24	0.43	274	0.059	<1	1.43	0.007	0.08	<0.1	0.08	3.3	0.1	<0.05	4	<0.5	<0.2
1335659	Soil	24	0.42	223	0.060	1	1.28	0.008	0.08	<0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
1335660	Soil	26	0.56	229	0.076	<1	1.50	0.008	0.16	<0.1	0.05	3.1	0.2	<0.05	5	0.6	<0.2
1335661	Soil	27	0.54	242	0.074	<1	1.44	0.009	0.15	<0.1	0.06	3.2	0.2	<0.05	5	<0.5	<0.2
1335662	Soil	25	0.50	214	0.070	<1	1.36	0.008	0.10	<0.1	0.03	2.7	0.1	<0.05	4	0.6	<0.2
1335663	Soil	29	0.52	295	0.064	1	1.55	0.015	0.06	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1335664	Soil	27	0.48	203	0.064	1	1.26	0.014	0.05	0.1	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1335665	Soil	32	0.54	332	0.077	<1	1.36	0.021	0.06	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1335666	Soil	38	0.57	411	0.075	1	1.61	0.022	0.06	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1335667	Soil	39	0.53	340	0.077	<1	1.55	0.015	0.05	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm	
1335668	Soil	34	0.49	316	0.069	<1	1.31	0.017	0.06	0.1	0.04	4.1	<0.1	<0.05	4	<0.5	<0.2
1335669	Soil	71	0.66	291	0.080	<1	1.68	0.008	0.07	<0.1	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1335670	Soil	38	0.49	240	0.066	<1	1.66	0.009	0.06	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1335671	Soil	41	0.61	527	0.088	<1	1.85	0.009	0.12	0.1	0.05	5.3	0.1	<0.05	5	<0.5	<0.2
1335672	Soil	31	0.49	210	0.063	2	1.71	0.009	0.05	0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1335673	Soil	38	0.57	392	0.068	1	1.90	0.008	0.07	0.1	0.07	5.7	0.1	<0.05	5	<0.5	<0.2
1335674	Soil	39	0.46	194	0.051	1	1.82	0.006	0.05	0.1	0.04	2.3	<0.1	<0.05	5	0.9	<0.2
1335675	Soil	35	0.53	329	0.069	1	1.75	0.008	0.07	0.1	0.05	4.9	0.1	<0.05	5	0.7	<0.2
1335676	Soil	32	0.48	219	0.066	1	1.80	0.008	0.06	<0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1335677	Soil	37	0.45	324	0.070	1	1.44	0.007	0.06	0.1	0.03	3.4	0.1	<0.05	5	0.6	<0.2
1335678	Soil	46	0.52	960	0.064	1	1.79	0.008	0.05	0.1	0.05	4.4	0.1	<0.05	5	<0.5	<0.2
1335679	Soil	50	0.70	549	0.065	1	2.05	0.008	0.09	0.1	0.06	7.0	0.1	<0.05	6	0.6	<0.2
1335680	Soil	31	0.48	416	0.056	<1	1.66	0.008	0.05	0.1	0.05	3.9	<0.1	<0.05	5	<0.5	<0.2
1335681	Soil	35	0.49	377	0.066	1	1.79	0.009	0.05	0.1	0.06	4.4	0.1	<0.05	5	0.6	<0.2
1335682	Soil	33	0.46	263	0.057	1	1.82	0.010	0.06	0.1	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1335683	Soil	33	0.50	235	0.059	<1	1.89	0.009	0.07	0.1	0.07	3.7	0.1	<0.05	6	0.8	<0.2
1335684	Soil	40	0.68	342	0.082	<1	1.83	0.010	0.11	0.1	0.05	5.0	0.1	<0.05	5	0.7	<0.2
1335685	Soil	31	0.55	396	0.070	<1	1.46	0.011	0.06	0.2	0.04	3.8	0.1	<0.05	4	<0.5	<0.2
1335686	Soil	30	0.48	260	0.071	<1	1.33	0.013	0.05	0.1	0.05	3.5	<0.1	<0.05	4	0.5	<0.2
1335687	Soil	32	0.51	283	0.077	1	1.47	0.013	0.06	0.2	0.06	4.1	0.1	<0.05	4	<0.5	<0.2
1335688	Soil	28	0.31	160	0.053	<1	1.42	0.007	0.05	0.1	0.07	2.3	0.1	<0.05	5	1.5	0.2
1335689	Soil	31	0.39	81	0.063	<1	2.05	0.005	0.05	0.2	0.08	2.8	0.1	<0.05	6	0.6	<0.2
1335690	Soil	22	0.15	127	0.041	<1	0.86	0.003	0.06	<0.1	0.05	1.8	0.1	<0.05	4	1.1	0.3
1335691	Soil	24	0.19	268	0.040	<1	0.80	0.005	0.07	<0.1	0.04	2.1	0.2	<0.05	4	<0.5	<0.2
1335692	Soil	20	0.13	316	0.037	<1	0.94	0.004	0.05	<0.1	0.02	2.4	0.1	<0.05	5	0.6	0.2
1335701	Soil	26	0.51	640	0.083	<1	1.60	0.007	0.17	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1335702	Soil	28	0.50	634	0.084	<1	1.79	0.007	0.09	<0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1335703	Soil	25	0.47	494	0.087	<1	1.62	0.009	0.08	0.1	0.03	2.6	0.1	<0.05	5	0.5	<0.2
1335704	Soil	28	0.47	499	0.095	<1	1.93	0.011	0.10	<0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1335705	Soil	25	0.48	404	0.081	<1	1.55	0.007	0.10	<0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

Project: FOM
Report Date: October 06, 2011

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Method Analyte Unit MDL	1DX15	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	0.01	0.1	0.05	1	0.5	0.2	
1335706	Soil	27	0.44	819	0.075	<1	1.72	0.008	0.07	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1335707	Soil	26	0.43	627	0.077	1	1.59	0.009	0.08	<0.1	0.04	2.7	0.1	<0.05	5	0.6	<0.2
1335708	Soil	25	0.47	663	0.079	<1	1.42	0.008	0.15	<0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1335709	Soil	32	0.47	1450	0.065	1	2.19	0.012	0.11	<0.1	0.06	3.4	0.2	<0.05	7	<0.5	<0.2
1335710	Soil	33	0.52	1014	0.073	<1	2.06	0.009	0.10	<0.1	0.06	3.3	0.2	<0.05	7	0.6	<0.2
1335711	Soil	27	0.53	729	0.073	<1	1.60	0.010	0.10	<0.1	0.03	2.5	0.1	<0.05	5	0.8	<0.2
1335712	Soil	27	0.64	662	0.097	<1	1.86	0.012	0.20	<0.1	0.04	2.6	0.1	<0.05	6	1.1	<0.2
1335713	Soil	32	0.63	830	0.074	1	1.85	0.012	0.20	<0.1	0.05	3.0	0.2	0.12	6	1.8	<0.2
1335714	Soil	29	0.58	310	0.076	1	1.79	0.011	0.20	0.1	0.05	2.6	0.2	<0.05	6	0.7	<0.2
1335715	Soil	23	0.35	322	0.053	2	1.31	0.010	0.07	0.2	0.05	1.9	0.1	0.11	4	0.7	<0.2
1335716	Soil	22	0.35	371	0.044	<1	1.34	0.010	0.05	0.2	0.04	2.1	<0.1	0.10	4	0.6	<0.2
1335717	Soil	23	0.36	364	0.051	2	1.41	0.013	0.06	0.2	0.04	2.4	0.1	0.11	4	<0.5	<0.2
1335718	Soil	26	0.39	309	0.058	3	1.46	0.012	0.06	0.2	0.05	2.4	<0.1	0.07	5	<0.5	<0.2
1335719	Soil	25	0.39	257	0.060	2	1.45	0.012	0.05	0.2	0.03	2.1	0.1	0.08	5	0.6	<0.2
1335720	Soil	35	0.56	382	0.087	2	1.64	0.015	0.10	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1335721	Soil	29	0.46	365	0.060	3	1.64	0.013	0.06	0.2	0.03	2.8	0.1	0.07	5	0.8	<0.2
1335722	Soil	35	0.62	452	0.094	2	1.80	0.015	0.17	0.2	0.03	3.5	0.1	0.06	5	0.5	<0.2
1335723	Soil	38	0.67	459	0.106	3	1.86	0.014	0.15	0.2	0.04	3.8	0.1	0.06	5	0.6	<0.2
1335724	Soil	50	0.73	450	0.115	2	2.05	0.014	0.16	0.1	0.02	3.7	0.1	0.05	6	<0.5	<0.2
1335725	Soil	37	0.66	377	0.111	<1	1.98	0.013	0.18	0.2	0.04	3.6	0.2	0.06	6	<0.5	<0.2
1335726	Soil	43	0.69	370	0.125	1	1.89	0.014	0.17	0.1	0.03	4.1	0.2	0.06	6	<0.5	<0.2
1335727	Soil	37	0.66	368	0.109	1	1.78	0.014	0.23	0.1	0.01	3.3	0.1	0.08	5	<0.5	<0.2
1335728	Soil	23	0.47	239	0.017	2	1.83	0.016	0.17	<0.1	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
1335729	Soil	11	0.25	208	0.003	2	1.12	0.003	0.17	<0.1	<0.01	2.1	0.3	<0.05	4	0.5	<0.2
1335730	Soil	30	0.54	137	0.050	1	1.94	0.010	0.08	<0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1335731	Soil	31	0.78	377	0.041	2	2.95	0.026	0.07	<0.1	0.06	6.6	<0.1	0.05	7	0.6	<0.2
1335732	Soil	33	0.57	320	0.012	<1	2.95	0.016	0.07	<0.1	0.10	7.2	0.2	<0.05	8	<0.5	<0.2
1335733	Soil	28	1.19	231	0.008	<1	3.47	0.025	0.13	<0.1	0.01	11.3	<0.1	<0.05	9	<0.5	<0.2
1335734	Soil	40	1.21	422	0.030	1	3.66	0.047	0.09	<0.1	0.03	7.0	0.1	<0.05	8	0.6	<0.2
1335735	Soil	32	0.58	159	0.135	1	2.86	0.015	0.06	0.1	0.03	3.3	<0.1	<0.05	8	0.6	<0.2

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Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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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
1335736	Soil	35	0.46	117	0.110	3	0.99	0.027	0.14	<0.1	0.02	1.5	<0.1	0.05	6	<0.5	<0.2		
1335737	Soil	27	0.93	145	0.063	2	2.57	0.041	0.04	<0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2		
1335738	Soil	24	0.82	147	0.144	2	2.87	0.023	0.08	<0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2		
1335739	Soil	29	0.59	176	0.072	2	2.41	0.022	0.07	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2		
1335740	Soil	28	0.99	168	0.116	2	3.78	0.037	0.06	<0.1	0.03	7.1	<0.1	<0.05	8	0.6	<0.2		
1335741	Soil	10	0.13	49	0.081	1	0.73	0.025	0.03	<0.1	0.02	0.7	<0.1	<0.05	4	<0.5	<0.2		
1335742	Soil	7	0.12	63	0.027	2	1.17	0.032	0.02	<0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2		
1335743	Soil	26	1.39	302	0.127	1	4.33	0.052	0.15	<0.1	0.02	6.0	<0.1	<0.05	11	<0.5	<0.2		
1335744	Soil	10	0.10	39	0.034	1	0.82	0.024	0.03	<0.1	0.02	0.3	<0.1	<0.05	4	<0.5	<0.2		
1335745	Soil	18	0.34	99	0.075	2	1.54	0.027	0.04	<0.1	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2		
1335746	Soil	35	0.73	207	0.112	2	3.21	0.023	0.06	0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2		
1335747	Soil	22	0.39	130	0.052	<1	1.88	0.020	0.04	<0.1	0.02	1.7	0.1	<0.05	5	<0.5	<0.2		
1335748	Soil	18	0.39	108	0.065	<1	1.54	0.025	0.05	<0.1	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2		
1335749	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.		
1335750	Soil	30	0.99	191	0.076	<1	3.44	0.052	0.06	0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2		
1335856	Soil	35	0.78	222	0.072	1	1.45	0.009	0.14	<0.1	0.01	5.7	<0.1	<0.05	5	<0.5	<0.2		
1335857	Soil	29	1.11	209	0.110	1	2.09	0.012	0.22	0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2		
1335858	Soil	54	1.84	255	0.123	1	2.20	0.009	0.06	<0.1	0.01	7.6	<0.1	<0.05	8	<0.5	<0.2		
1335859	Soil	24	0.67	269	0.082	<1	1.48	0.011	0.17	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2		
1335860	Soil	48	0.75	172	0.094	<1	1.29	0.009	0.05	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2		
1335861	Soil	82	1.02	284	0.083	1	1.72	0.010	0.14	<0.1	0.01	4.8	<0.1	<0.05	5	<0.5	<0.2		
1335862	Soil	18	1.26	251	0.105	<1	2.36	0.007	0.25	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2		
1335863	Soil	26	0.69	229	0.062	<1	1.80	0.007	0.12	0.1	0.04	4.9	<0.1	<0.05	5	0.7	<0.2		
1335864	Soil	27	1.05	291	0.057	<1	1.80	0.004	0.20	<0.1	0.02	4.8	0.1	<0.05	4	0.8	<0.2		
1335865	Soil	11	0.57	100	0.019	<1	1.24	0.003	0.05	<0.1	0.01	2.9	<0.1	<0.05	4	1.5	<0.2		
1335866	Soil	30	0.93	257	0.072	<1	1.89	0.006	0.21	<0.1	0.02	4.7	0.1	<0.05	5	0.5	<0.2		
1335867	Soil	43	0.94	370	0.094	<1	1.98	0.009	0.28	0.1	0.04	4.9	0.1	<0.05	6	0.5	<0.2		
1335868	Soil	46	1.73	495	0.120	<1	2.48	0.010	0.58	<0.1	0.01	6.4	0.2	<0.05	8	<0.5	<0.2		
1335869	Soil	111	1.54	411	0.186	<1	2.35	0.012	0.57	<0.1	<0.01	6.8	0.3	<0.05	10	<0.5	<0.2		
1335870	Soil	126	1.55	408	0.192	<1	2.18	0.017	0.51	<0.1	<0.01	4.8	0.1	<0.05	7	0.6	<0.2		

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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Method Analyte Unit MDL	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1	
1335871	Soil	0.6	69.7	2.1	22	<0.1	43.7	17.2	346	2.15	1.9	0.6	0.7	8	<0.1	0.1	<0.1	65	0.39	0.049	5
1335872	Soil	0.5	62.9	2.2	21	<0.1	28.3	16.3	333	2.11	2.2	<0.5	0.3	5	<0.1	0.1	<0.1	65	0.26	0.030	2
1335873	Soil	0.6	35.1	2.9	27	<0.1	62.5	17.4	296	2.18	2.8	<0.5	0.6	11	<0.1	0.1	<0.1	57	0.35	0.078	3
1335874	Soil	0.3	58.6	2.2	23	<0.1	74.6	17.3	178	2.09	2.0	<0.5	0.7	20	<0.1	0.2	<0.1	55	0.42	0.044	2
1335875	Soil	0.2	27.6	1.0	23	<0.1	70.2	17.7	270	1.90	0.9	<0.5	0.4	12	<0.1	<0.1	<0.1	52	0.35	0.063	3
1335876	Soil	0.1	44.7	1.5	24	<0.1	67.6	14.4	189	1.89	1.4	0.5	0.4	11	<0.1	<0.1	<0.1	45	0.59	0.074	2
1335877	Soil	0.3	76.4	4.0	30	<0.1	69.3	12.5	305	1.91	4.0	1.2	1.0	11	<0.1	0.2	<0.1	44	0.36	0.034	5
1335878	Soil	0.3	35.1	0.5	31	<0.1	78.6	18.4	296	2.23	0.5	<0.5	0.1	20	<0.1	<0.1	<0.1	54	0.57	0.079	1
1335879	Soil	0.3	60.1	2.5	26	<0.1	70.6	12.3	164	1.65	4.0	1.1	0.7	14	<0.1	0.1	<0.1	38	0.29	0.017	3
1335880	Soil	0.2	26.7	2.5	23	<0.1	15.6	15.3	209	1.80	1.8	<0.5	0.9	23	<0.1	<0.1	<0.1	41	0.53	0.027	3
1335881	Soil	0.4	29.4	6.1	43	0.1	27.9	14.7	465	2.51	6.7	1.7	1.8	25	0.2	0.4	<0.1	56	0.73	0.031	9
1335882	Soil	0.5	40.6	8.9	58	0.2	33.4	14.9	317	2.51	6.6	6.7	2.4	20	0.5	0.8	0.1	62	0.54	0.069	15
1335883	Soil	0.9	21.2	5.8	51	<0.1	12.6	12.5	377	3.59	4.4	2.8	1.8	77	<0.1	0.2	<0.1	122	0.60	0.104	13
1335884	Soil	0.6	15.9	8.1	50	<0.1	16.5	10.6	333	2.68	6.9	2.1	2.3	27	0.1	0.4	0.1	65	0.25	0.069	11
1335885	Soil	1.0	14.9	8.4	55	<0.1	18.0	17.2	596	3.32	8.7	1.9	3.4	23	<0.1	0.4	0.1	82	0.17	0.064	12
1335886	Soil	0.6	12.6	9.7	49	<0.1	16.8	9.3	306	2.80	6.7	3.1	2.3	41	<0.1	0.3	0.1	70	0.29	0.063	11
1335887	Soil	0.7	12.1	7.1	43	<0.1	12.8	9.2	486	2.89	4.5	2.3	2.1	37	<0.1	0.2	0.1	89	0.41	0.062	12
1335888	Soil	1.2	13.9	7.2	57	<0.1	18.9	14.0	489	3.71	6.5	1.0	2.5	54	0.2	0.3	0.1	117	0.27	0.082	12
1335889	Soil	0.8	15.1	6.7	54	<0.1	14.2	11.7	394	3.12	6.9	1.9	2.7	31	0.1	0.3	<0.1	93	0.32	0.097	12
1335890	Soil	0.9	18.0	6.0	54	<0.1	16.8	11.8	375	3.03	7.0	1.4	2.3	34	0.1	0.3	0.1	103	0.35	0.085	10
1335891	Soil	0.7	13.8	7.3	34	<0.1	9.4	7.2	208	2.49	4.5	1.6	0.5	34	<0.1	0.2	0.1	93	0.30	0.055	9
1335892	Soil	1.3	14.2	3.7	57	<0.1	7.6	12.2	395	3.94	2.8	<0.5	1.7	48	<0.1	<0.1	<0.1	163	0.58	0.120	12
1335893	Soil	1.1	11.2	5.1	53	<0.1	10.6	9.8	394	3.31	5.2	1.8	2.3	46	<0.1	0.2	<0.1	109	0.37	0.090	13
1335894	Soil	0.8	11.8	5.8	31	<0.1	9.7	6.2	153	2.44	2.9	1.2	0.4	33	<0.1	0.2	0.1	101	0.32	0.046	7
1335895	Soil	1.0	14.9	6.0	58	<0.1	16.3	11.6	511	3.39	6.1	2.4	3.3	49	<0.1	0.3	0.1	96	0.37	0.085	14
1335896	Soil	1.2	13.7	2.0	71	<0.1	9.3	13.3	528	4.86	1.0	1.4	2.5	117	<0.1	<0.1	<0.1	171	1.05	0.186	16
1335897	Soil	1.1	20.2	8.4	50	<0.1	19.5	10.1	358	2.95	8.5	3.5	2.7	30	<0.1	0.4	0.1	68	0.32	0.073	14
1335898	Soil	0.8	21.4	5.0	61	<0.1	16.9	17.5	1136	4.09	3.8	3.3	2.5	26	0.1	0.2	<0.1	108	0.41	0.130	12
1335899	Soil	1.0	18.8	7.5	42	<0.1	15.2	8.9	238	2.62	7.1	1.7	0.8	20	0.1	0.3	0.1	62	0.20	0.058	12
1335900	Soil	0.9	21.0	8.3	54	<0.1	17.0	9.4	367	2.87	6.0	1.9	2.3	41	<0.1	0.4	0.1	74	0.43	0.076	15

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1335871	Soil	57	0.84	76	0.099	<1	1.32	0.024	0.07	<0.1	<0.01	4.9	<0.1	<0.05	4	<0.5	<0.2
1335872	Soil	57	0.74	46	0.122	<1	1.24	0.018	0.03	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1335873	Soil	67	0.98	78	0.088	<1	1.45	0.013	0.03	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1335874	Soil	70	0.91	106	0.156	<1	1.80	0.017	0.04	<0.1	<0.01	3.6	<0.1	<0.05	4	<0.5	<0.2
1335875	Soil	102	1.13	78	0.114	<1	1.61	0.015	0.03	<0.1	<0.01	4.0	<0.1	<0.05	4	<0.5	<0.2
1335876	Soil	72	0.98	95	0.103	<1	1.36	0.019	0.05	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1335877	Soil	92	0.97	84	0.062	<1	1.36	0.012	0.03	<0.1	0.02	4.1	<0.1	<0.05	3	<0.5	<0.2
1335878	Soil	113	1.41	95	0.096	<1	1.48	0.021	0.11	<0.1	<0.01	4.2	<0.1	<0.05	4	<0.5	<0.2
1335879	Soil	115	1.03	61	0.074	<1	1.37	0.010	0.02	<0.1	<0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1335880	Soil	44	1.28	132	0.070	<1	1.61	0.009	0.02	<0.1	<0.01	3.7	<0.1	<0.05	3	<0.5	<0.2
1335881	Soil	52	1.07	258	0.049	<1	1.84	0.012	0.04	0.1	0.04	5.5	<0.1	<0.05	4	0.5	<0.2
1335882	Soil	48	0.58	322	0.026	1	1.37	0.009	0.03	0.3	0.14	7.4	0.1	<0.05	4	1.0	<0.2
1335883	Soil	25	0.90	202	0.097	<1	2.36	0.043	0.07	<0.1	0.02	5.7	<0.1	<0.05	7	<0.5	<0.2
1335884	Soil	32	0.56	179	0.041	<1	2.11	0.012	0.03	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1335885	Soil	35	0.64	150	0.052	1	2.97	0.011	0.04	0.1	0.03	5.8	0.4	<0.05	6	<0.5	<0.2
1335886	Soil	34	0.59	173	0.041	<1	2.10	0.009	0.04	<0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1335887	Soil	32	0.66	191	0.037	<1	1.92	0.014	0.03	<0.1	0.03	5.2	0.4	<0.05	6	<0.5	<0.2
1335888	Soil	35	0.81	246	0.108	1	2.61	0.016	0.05	0.1	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1335889	Soil	25	0.70	175	0.100	1	2.31	0.019	0.07	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1335890	Soil	27	0.78	201	0.103	1	2.05	0.026	0.09	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1335891	Soil	21	0.45	142	0.056	1	1.78	0.017	0.04	<0.1	0.04	2.7	<0.1	<0.05	7	<0.5	<0.2
1335892	Soil	17	1.17	162	0.151	1	2.24	0.058	0.15	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1335893	Soil	21	0.82	190	0.103	2	1.99	0.026	0.08	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1335894	Soil	27	0.61	130	0.079	2	1.49	0.024	0.04	<0.1	0.04	2.4	<0.1	0.07	6	<0.5	<0.2
1335895	Soil	25	0.83	207	0.111	1	1.98	0.020	0.09	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1335896	Soil	19	1.49	204	0.121	<1	2.63	0.071	0.15	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
1335897	Soil	28	0.54	221	0.058	1	2.10	0.012	0.05	0.1	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1335898	Soil	28	0.88	291	0.040	<1	3.52	0.014	0.06	<0.1	0.03	7.6	0.2	<0.05	8	1.1	<0.2
1335899	Soil	24	0.43	175	0.050	<1	2.04	0.013	0.04	<0.1	0.04	2.8	<0.1	<0.05	6	<0.5	<0.2
1335900	Soil	29	0.61	190	0.064	1	1.90	0.017	0.05	0.1	0.04	4.7	<0.1	<0.05	5	0.6	<0.2

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	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
1335901	Soil	0.8	18.5	7.3	46	<0.1	16.2	9.0	325	2.65	6.3	3.9	1.8	44	<0.1	0.3	0.1	71	0.28	0.063	14
1335902	Soil	1.0	23.8	7.2	53	<0.1	14.8	14.3	378	4.48	4.7	1.1	2.6	107	0.1	0.2	0.1	156	0.79	0.145	16
1335903	Soil	0.8	22.8	7.6	45	<0.1	17.7	12.0	347	3.45	6.6	1.4	3.2	65	<0.1	0.3	0.1	96	0.42	0.078	15
1335904	Soil	0.7	20.2	7.6	48	<0.1	18.2	10.0	342	2.75	6.8	5.1	2.3	39	<0.1	0.3	0.1	66	0.34	0.078	13
1335905	Soil	0.7	16.6	8.9	47	0.1	14.4	7.0	191	2.64	6.8	2.2	0.9	38	<0.1	0.2	0.2	66	0.27	0.092	12
1335906	Soil	0.8	25.0	9.7	60	<0.1	22.5	11.6	450	3.02	8.4	4.4	4.1	32	<0.1	0.4	0.2	73	0.35	0.046	15
1335907	Soil	0.8	19.3	9.9	43	<0.1	15.3	7.3	219	2.50	6.7	5.0	1.3	30	<0.1	0.3	0.2	64	0.23	0.106	13
1335908	Soil	0.9	17.9	9.3	48	<0.1	15.8	8.9	279	2.99	7.0	1.9	1.8	36	<0.1	0.2	0.2	75	0.27	0.055	11
1335909	Soil	0.7	17.8	7.8	49	<0.1	16.0	8.7	327	2.48	5.6	4.0	1.5	50	<0.1	0.3	0.1	66	0.36	0.055	15
1335910	Soil	0.5	30.6	4.9	62	<0.1	15.1	16.5	500	4.02	3.0	2.2	2.4	256	<0.1	0.1	<0.1	113	0.82	0.102	12
1335911	Soil	0.6	26.1	7.6	55	<0.1	20.8	12.1	385	3.20	7.1	1.0	2.9	60	<0.1	0.2	0.1	90	0.46	0.070	12
1335912	Soil	0.8	22.2	9.4	62	0.1	22.0	7.8	234	2.54	9.4	5.6	4.0	11	<0.1	0.4	0.1	43	0.15	0.049	19
1335913	Soil	1.2	26.7	14.6	87	0.2	26.8	11.3	499	3.06	14.2	8.9	6.4	9	<0.1	0.3	0.2	45	0.11	0.045	28
1335914	Soil	0.9	23.1	11.3	78	0.1	22.0	8.5	347	2.74	9.4	8.0	5.1	10	0.2	0.5	0.2	42	0.14	0.045	24
1335915	Soil	1.0	27.2	11.1	77	0.3	23.4	8.9	260	2.73	9.0	7.0	3.9	12	0.1	0.6	0.2	39	0.13	0.054	29
1335916	Soil	1.0	26.9	13.9	80	0.2	22.3	7.9	221	2.67	6.7	2.4	5.1	10	0.2	0.4	0.2	39	0.10	0.038	35
1335917	Soil	0.9	23.8	9.9	70	0.2	22.5	8.8	281	2.64	9.3	6.5	4.6	9	0.1	0.4	0.2	38	0.13	0.046	28
1335918	Soil	1.1	33.4	13.1	81	0.2	26.8	10.4	436	3.04	9.1	5.9	3.5	8	0.1	0.4	0.3	39	0.09	0.062	31
1335919	Soil	1.0	41.7	12.4	104	0.3	38.4	12.7	379	3.41	8.6	7.4	9.5	10	0.1	0.4	0.3	44	0.11	0.048	34
1335920	Soil	1.1	19.6	12.0	68	0.4	18.6	7.5	311	2.74	6.9	1.6	1.0	8	0.1	0.4	0.2	39	0.11	0.055	22
1335921	Soil	1.6	32.0	12.8	100	0.5	29.9	11.4	507	3.38	7.1	7.0	2.0	12	0.1	0.6	0.3	48	0.14	0.079	29
1335922	Soil	1.1	16.4	11.5	72	0.2	23.3	9.9	323	2.99	9.1	6.7	5.1	12	0.2	0.4	0.2	53	0.13	0.056	17
1335923	Soil	1.2	26.7	15.3	168	0.1	29.2	10.9	338	3.23	7.9	6.5	3.3	12	0.3	0.5	0.2	55	0.15	0.050	20
1335924	Soil	1.0	22.2	11.3	71	<0.1	21.5	7.4	180	2.68	6.7	1.2	1.0	12	0.1	0.4	0.2	53	0.13	0.044	18
1335925	Soil	1.2	36.7	11.4	77	0.2	24.7	8.0	210	2.98	4.7	5.4	0.5	11	0.2	0.3	0.3	46	0.10	0.074	30
1335926	Soil	1.0	21.0	8.2	55	<0.1	21.2	7.4	182	2.49	6.8	3.3	1.8	14	0.1	0.4	0.2	46	0.19	0.053	13
1335927	Soil	1.8	18.2	12.2	56	0.2	16.6	7.6	260	4.08	12.5	2.4	2.8	10	0.2	0.6	0.2	77	0.09	0.030	11
1335928	Soil	1.5	25.4	11.6	64	0.1	26.4	9.3	272	2.93	10.5	3.4	4.4	11	0.2	0.6	0.3	61	0.09	0.025	12
1335929	Soil	1.2	28.1	12.1	74	0.1	25.0	11.8	512	2.88	8.7	5.9	2.2	12	0.2	0.5	0.3	52	0.12	0.075	19
1335930	Soil	1.0	17.1	12.1	46	<0.1	14.3	5.0	149	2.17	6.3	4.6	1.0	8	<0.1	0.4	0.3	50	0.07	0.041	14

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		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	0.05	1	0.5	0.2	
1335901	Soil	26	0.52	187	0.060	1	1.89	0.013	0.04	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1335902	Soil	26	1.02	266	0.108	<1	3.16	0.046	0.10	0.1	0.03	5.8	0.1	<0.05	9	0.8	<0.2
1335903	Soil	31	0.75	248	0.082	<1	2.78	0.019	0.05	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1335904	Soil	28	0.61	212	0.059	<1	1.98	0.013	0.04	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1335905	Soil	29	0.50	156	0.048	<1	2.19	0.010	0.05	0.1	0.05	3.0	0.1	<0.05	6	<0.5	<0.2
1335906	Soil	36	0.64	318	0.069	<1	2.41	0.012	0.05	0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1335907	Soil	25	0.42	163	0.042	<1	2.03	0.010	0.04	<0.1	0.03	3.6	<0.1	<0.05	7	0.5	<0.2
1335908	Soil	26	0.53	181	0.050	<1	2.64	0.011	0.04	0.1	0.03	3.7	<0.1	<0.05	8	0.8	<0.2
1335909	Soil	24	0.54	188	0.076	<1	1.79	0.016	0.04	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1335910	Soil	25	1.50	225	0.046	<1	3.61	0.043	0.04	<0.1	0.02	6.7	<0.1	<0.05	8	<0.5	<0.2
1335911	Soil	35	0.88	185	0.098	<1	2.40	0.017	0.04	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
1335912	Soil	25	0.37	98	0.051	<1	1.43	0.006	0.16	0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1335913	Soil	26	0.35	131	0.036	<1	1.45	0.005	0.22	0.1	0.02	2.6	0.2	<0.05	4	1.2	<0.2
1335914	Soil	22	0.34	116	0.029	<1	1.28	0.005	0.16	0.1	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1335915	Soil	25	0.40	126	0.034	<1	1.56	0.008	0.19	<0.1	0.05	2.8	0.2	<0.05	4	0.9	<0.2
1335916	Soil	20	0.32	147	0.030	<1	1.35	0.005	0.20	<0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1335917	Soil	22	0.36	107	0.047	<1	1.31	0.005	0.23	<0.1	0.03	2.2	0.2	<0.05	4	0.5	<0.2
1335918	Soil	25	0.32	111	0.034	1	1.44	0.004	0.24	<0.1	0.04	2.3	0.2	<0.05	4	0.9	<0.2
1335919	Soil	28	0.47	176	0.059	<1	1.68	0.005	0.32	<0.1	0.03	3.7	0.3	<0.05	4	0.7	<0.2
1335920	Soil	21	0.27	81	0.025	<1	1.13	0.004	0.15	<0.1	0.06	1.4	0.2	<0.05	4	0.6	<0.2
1335921	Soil	29	0.39	182	0.023	<1	1.85	0.010	0.18	<0.1	0.07	2.9	0.2	0.06	5	0.7	<0.2
1335922	Soil	29	0.39	177	0.046	<1	1.88	0.007	0.09	0.1	0.05	3.1	0.2	<0.05	5	<0.5	<0.2
1335923	Soil	29	0.51	212	0.074	1	1.84	0.007	0.20	<0.1	0.03	2.9	0.3	<0.05	5	0.9	<0.2
1335924	Soil	27	0.40	149	0.046	<1	1.60	0.005	0.13	<0.1	0.05	1.9	0.2	<0.05	5	<0.5	<0.2
1335925	Soil	25	0.33	149	0.030	<1	1.62	0.005	0.19	<0.1	0.04	1.5	0.2	0.07	5	1.2	<0.2
1335926	Soil	26	0.42	145	0.046	<1	1.65	0.007	0.05	0.1	0.04	2.4	<0.1	<0.05	5	0.7	<0.2
1335927	Soil	29	0.36	129	0.051	<1	1.80	0.006	0.04	0.2	0.04	2.4	0.1	<0.05	7	<0.5	<0.2
1335928	Soil	32	0.51	183	0.051	2	2.05	0.007	0.04	0.2	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1335929	Soil	28	0.44	135	0.041	2	1.51	0.007	0.10	0.1	0.04	2.1	0.1	<0.05	5	<0.5	<0.2
1335930	Soil	23	0.33	102	0.037	<1	1.32	0.006	0.05	<0.1	0.03	1.4	0.1	<0.05	5	<0.5	<0.2

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			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	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	
1335931	Soil		1.0	24.5	49.5	63	<0.1	21.4	7.6	253	2.51	7.7	3.1	3.9	11	0.1	0.5	0.2	50	0.10	0.033	16
1335932	Soil		0.9	23.3	9.2	67	<0.1	23.0	8.3	253	2.55	6.2	2.4	4.9	9	0.1	0.5	0.2	45	0.09	0.036	18
1335933	Soil		0.9	24.4	10.7	74	<0.1	28.2	11.8	424	2.69	8.5	3.4	5.1	10	0.2	0.6	0.3	50	0.11	0.042	15
1335934	Soil		1.2	21.6	13.7	71	<0.1	20.7	7.9	278	2.88	7.0	3.2	2.1	9	0.1	0.4	0.3	50	0.08	0.056	18
1335935	Soil		1.4	32.4	14.3	87	<0.1	27.6	10.7	479	3.32	7.1	3.4	4.9	10	0.1	0.5	0.4	59	0.08	0.042	23
1335936	Soil		1.1	28.7	11.3	87	<0.1	23.4	9.9	323	2.74	6.0	1.2	3.6	9	0.2	0.5	0.2	51	0.09	0.047	19
1335937	Soil		1.1	29.0	15.2	85	<0.1	26.0	8.0	325	2.67	6.9	3.4	3.0	12	<0.1	0.4	0.2	48	0.11	0.045	22
1335938	Soil		1.1	29.1	14.0	98	<0.1	26.3	7.9	250	2.81	7.7	1.9	2.1	10	0.2	0.4	0.2	47	0.09	0.041	24
1335957	Soil		0.9	14.2	11.2	35	<0.1	16.2	7.8	175	2.54	9.1	2.4	3.9	13	0.1	0.3	0.2	56	0.09	0.026	11
1335958	Soil		0.5	17.1	12.4	76	<0.1	29.9	12.9	254	2.88	9.3	1.0	7.6	20	<0.1	0.3	0.1	44	0.40	0.035	24
1335959	Soil		0.6	26.8	11.6	61	<0.1	28.6	9.3	187	2.45	6.3	4.6	8.9	19	<0.1	0.4	0.2	44	0.21	0.021	35
1335960	Soil		1.3	38.2	9.9	85	0.3	31.5	7.8	236	2.66	6.7	4.5	4.1	15	0.1	0.3	0.2	41	0.11	0.042	23
1335961	Soil		1.0	34.5	12.6	53	0.2	20.2	5.8	199	2.55	7.5	2.7	5.8	23	<0.1	0.4	0.3	43	0.18	0.041	30
1335962	Soil		0.7	27.3	10.6	54	<0.1	23.8	9.8	252	2.55	7.5	2.5	10.0	19	<0.1	0.5	0.2	41	0.18	0.045	38
1335963	Soil		1.3	35.6	11.3	69	0.1	27.1	9.3	224	2.65	9.4	1.9	12.0	14	0.2	0.3	0.3	35	0.10	0.065	53
1335964	Soil		0.4	16.2	5.2	13	<0.1	6.4	2.6	179	0.83	2.4	<0.5	<0.1	11	0.2	0.1	0.1	19	0.06	0.041	8
1335965	Soil		0.2	9.1	3.9	9	<0.1	3.8	1.5	38	0.69	1.6	0.6	<0.1	15	0.1	0.1	<0.1	14	0.09	0.028	6
1335966	Soil		0.9	31.6	14.7	46	0.1	19.0	5.0	101	2.16	8.3	1.8	6.5	17	<0.1	0.3	0.2	39	0.16	0.082	31
1335967	Soil		0.9	30.7	11.1	63	0.1	20.8	7.5	235	2.05	5.7	1.4	6.0	20	0.1	0.4	0.1	35	0.19	0.046	23
1335968	Soil		1.4	49.1	16.1	53	0.4	22.5	8.3	249	2.86	10.4	2.5	1.8	31	0.3	0.4	0.3	52	0.19	0.078	24
1335969	Soil		0.9	30.1	13.4	76	0.1	24.2	7.8	204	2.19	5.6	2.2	7.9	17	0.1	0.4	0.2	33	0.18	0.064	48
1335970	Soil		0.9	24.2	10.6	55	0.1	17.3	5.5	132	1.92	5.4	0.7	3.1	17	0.2	0.3	0.2	32	0.17	0.065	36
1335971	Soil		0.9	28.1	11.3	64	0.1	20.6	6.5	166	2.12	6.0	1.8	6.3	17	0.1	0.3	0.2	34	0.18	0.053	40
1335972	Soil		1.0	25.2	10.6	60	<0.1	18.6	7.5	179	2.27	6.8	4.1	4.6	19	<0.1	0.4	0.2	41	0.19	0.052	27
1335973	Soil		0.9	30.6	11.3	62	0.2	23.0	6.6	188	2.24	7.6	2.0	5.0	24	0.2	0.4	0.2	39	0.24	0.059	29
1335974	Soil		0.8	22.8	11.1	58	<0.1	19.6	6.0	175	2.01	6.4	0.7	7.6	20	0.1	0.4	0.2	32	0.21	0.052	34
1335975	Soil		0.6	27.8	11.5	67	0.1	20.3	7.0	142	2.02	6.2	5.1	6.0	22	0.2	0.3	0.2	36	0.22	0.054	35
1335976	Soil		0.6	25.8	10.6	63	<0.1	20.8	9.2	170	2.00	4.6	0.9	9.5	18	0.1	0.3	0.2	30	0.19	0.058	45
1335977	Soil		0.8	31.5	13.3	69	0.1	25.2	10.1	259	2.23	8.0	1.7	5.6	30	0.3	0.5	0.2	43	0.31	0.060	25
1335978	Soil		0.6	29.2	11.7	67	0.2	23.0	8.9	183	2.38	7.3	1.8	3.8	26	0.2	0.5	0.2	47	0.27	0.063	24

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1335931	Soil	29	0.48	138	0.054	2	1.53	0.006	0.07	0.1	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1335932	Soil	28	0.47	139	0.058	<1	1.49	0.005	0.12	0.1	0.04	2.8	0.2	<0.05	5	<0.5	<0.2
1335933	Soil	29	0.52	140	0.053	1	1.62	0.006	0.11	0.2	0.02	2.6	0.2	<0.05	4	<0.5	<0.2
1335934	Soil	24	0.39	122	0.039	<1	1.46	0.005	0.13	<0.1	0.03	2.0	0.2	<0.05	5	<0.5	<0.2
1335935	Soil	30	0.44	142	0.049	1	1.66	0.005	0.17	<0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1335936	Soil	26	0.47	124	0.059	<1	1.49	0.005	0.19	0.1	0.02	2.1	0.2	<0.05	4	<0.5	<0.2
1335937	Soil	28	0.52	183	0.056	1	1.58	0.006	0.16	<0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1335938	Soil	27	0.47	139	0.051	1	1.60	0.005	0.21	<0.1	0.04	2.0	0.3	<0.05	5	<0.5	<0.2
1335957	Soil	25	0.27	175	0.039	<1	1.59	0.007	0.05	<0.1	0.02	1.6	<0.1	<0.05	6	<0.5	<0.2
1335958	Soil	30	0.49	125	0.029	<1	1.57	0.005	0.06	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1335959	Soil	28	0.48	204	0.042	<1	1.55	0.007	0.05	<0.1	0.04	6.1	<0.1	<0.05	4	<0.5	<0.2
1335960	Soil	23	0.58	163	0.046	<1	1.44	0.010	0.03	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1335961	Soil	23	0.39	275	0.043	1	1.39	0.010	0.07	<0.1	0.03	3.7	0.1	0.05	4	<0.5	<0.2
1335962	Soil	24	0.47	261	0.043	1	1.47	0.007	0.07	0.1	0.04	3.6	<0.1	<0.05	4	<0.5	<0.2
1335963	Soil	21	0.35	95	0.041	1	1.11	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.7	<0.2
1335964	Soil	8	0.05	140	0.014	1	0.67	0.013	0.03	<0.1	0.02	0.2	<0.1	<0.05	3	<0.5	<0.2
1335965	Soil	5	0.06	79	0.018	1	0.58	0.021	0.02	<0.1	0.02	0.3	<0.1	<0.05	2	<0.5	<0.2
1335966	Soil	22	0.30	155	0.039	<1	1.43	0.007	0.05	0.1	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1335967	Soil	20	0.34	187	0.058	<1	0.99	0.008	0.06	<0.1	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1335968	Soil	28	0.30	322	0.047	1	2.37	0.018	0.08	0.1	0.06	3.7	0.1	<0.05	6	<0.5	<0.2
1335969	Soil	22	0.37	135	0.047	<1	1.05	0.006	0.11	<0.1	0.02	2.8	0.1	<0.05	3	<0.5	<0.2
1335970	Soil	18	0.34	123	0.044	<1	1.06	0.010	0.08	<0.1	0.03	1.8	0.1	<0.05	3	0.5	<0.2
1335971	Soil	21	0.38	128	0.054	1	1.23	0.007	0.10	<0.1	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1335972	Soil	24	0.41	160	0.058	<1	1.50	0.009	0.07	<0.1	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1335973	Soil	24	0.39	191	0.056	1	1.44	0.011	0.08	<0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1335974	Soil	21	0.38	166	0.057	2	1.18	0.008	0.11	0.1	0.03	2.5	0.1	<0.05	3	<0.5	<0.2
1335975	Soil	22	0.37	191	0.047	<1	1.32	0.008	0.09	<0.1	0.04	3.1	0.1	<0.05	4	<0.5	<0.2
1335976	Soil	20	0.37	154	0.049	<1	1.17	0.007	0.11	<0.1	0.02	2.6	0.1	<0.05	3	<0.5	<0.2
1335977	Soil	27	0.38	262	0.054	<1	1.42	0.013	0.08	0.1	0.04	3.8	0.1	<0.05	4	0.6	<0.2
1335978	Soil	26	0.43	274	0.053	1	1.62	0.011	0.07	0.1	0.05	3.3	0.1	<0.05	5	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

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Method Analyte	Unit	MDL	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	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
1335979	Soil		2.4	47.0	10.5	75	0.5	32.6	9.1	294	2.99	10.0	7.1	3.6	19	0.1	0.7	0.2	54	0.14	0.078	15
1335980	Soil		1.3	43.7	10.3	83	0.3	40.0	9.6	329	3.01	10.8	3.0	3.5	21	0.2	0.6	0.2	50	0.15	0.054	16
1335981	Soil		1.5	36.2	10.8	81	0.2	34.5	8.9	397	3.03	12.6	6.5	3.6	15	0.2	0.6	0.2	61	0.13	0.063	19
1335982	Soil		2.1	34.6	11.1	66	0.4	22.4	8.4	280	2.89	10.4	5.4	2.3	17	0.2	0.6	0.3	58	0.18	0.074	16
1335983	Soil		1.5	28.5	10.6	54	0.2	17.8	6.0	160	2.36	8.8	6.5	1.3	16	<0.1	0.5	0.3	53	0.17	0.058	15
1335984	Soil		1.2	29.4	9.8	62	0.1	20.9	7.8	216	2.30	7.9	2.8	1.6	17	0.1	0.5	0.2	51	0.20	0.058	15
1335985	Soil		1.0	26.7	9.2	57	<0.1	21.5	8.0	321	2.28	8.3	3.0	2.2	20	0.1	0.7	0.2	52	0.24	0.058	16
1335986	Soil		1.2	31.7	9.9	64	0.1	21.4	9.0	380	2.63	10.0	2.5	2.5	17	0.2	0.7	0.2	53	0.21	0.064	17
1335987	Soil		1.3	34.9	10.3	63	0.1	23.3	9.4	429	2.89	10.5	4.9	3.1	21	0.1	0.6	0.2	55	0.23	0.062	16
1335988	Soil		2.0	39.5	9.6	57	0.2	22.7	7.3	298	2.47	8.6	2.7	3.7	21	0.2	0.6	0.2	50	0.22	0.065	17
1335989	Soil		1.5	40.0	10.2	65	0.2	26.5	10.5	421	2.93	10.0	4.4	4.4	19	0.1	0.7	0.2	57	0.20	0.063	20
1335990	Soil		1.4	41.7	11.8	67	0.3	25.1	9.5	330	3.04	11.6	2.6	3.9	27	0.2	0.8	0.2	63	0.26	0.059	18
1335991	Soil		1.4	33.5	11.3	63	0.2	21.4	7.9	256	2.85	9.0	1.6	2.6	19	0.2	0.6	0.2	59	0.18	0.059	15
1335992	Soil		1.4	31.9	8.9	48	0.2	17.3	6.1	216	2.21	6.2	5.6	3.6	17	<0.1	0.5	0.2	48	0.15	0.042	17
1335993	Soil		1.4	44.8	10.0	66	0.2	30.2	9.9	406	2.95	11.4	2.3	4.8	29	<0.1	0.8	0.2	61	0.31	0.053	17
1335994	Soil		1.6	47.2	10.5	67	0.3	27.5	9.5	411	2.91	10.0	2.4	4.6	27	0.2	0.8	0.2	58	0.28	0.052	17
1335995	Soil		1.2	34.0	9.5	68	<0.1	26.9	9.0	275	2.88	7.9	1.5	3.1	17	0.1	0.4	0.2	54	0.16	0.053	16
1335996	Soil		2.1	40.6	10.6	59	0.2	18.4	6.0	286	2.74	10.0	3.0	2.3	15	0.2	0.5	0.2	57	0.12	0.069	15
1337401	Soil		2.2	37.3	10.3	63	0.1	22.4	10.1	485	2.55	12.1	4.2	3.2	14	0.2	0.5	0.2	57	0.10	0.035	12
1337402	Soil		1.6	30.1	10.7	64	<0.1	24.2	10.5	375	3.00	10.3	1.4	3.9	14	0.1	0.5	0.2	61	0.10	0.036	11
1337403	Soil		1.3	31.1	10.0	60	<0.1	22.4	9.9	391	2.65	9.9	4.8	4.4	17	0.1	0.5	0.2	58	0.16	0.040	18
1337404	Soil		1.2	37.0	9.2	57	<0.1	23.6	8.7	339	2.53	9.2	3.4	4.0	18	<0.1	0.6	0.1	50	0.15	0.023	17
1337405	Soil		1.5	30.6	10.0	51	0.1	16.7	7.1	262	2.44	9.9	1.5	3.3	16	<0.1	0.4	0.2	54	0.11	0.032	14
1337406	Soil		1.3	26.7	9.1	51	<0.1	18.2	6.5	277	2.44	9.4	0.6	3.7	15	<0.1	0.5	0.2	56	0.11	0.023	13
1337408	Soil		1.4	30.9	9.3	52	<0.1	18.8	7.4	277	2.41	8.3	2.8	3.9	14	<0.1	0.5	0.2	51	0.09	0.025	13
1335997	Soil		1.4	42.1	10.2	58	0.1	25.8	10.2	423	2.92	11.0	3.1	3.9	19	0.1	0.6	0.2	58	0.18	0.061	20
1335998	Soil		1.9	48.8	7.6	89	<0.1	28.4	7.4	352	2.80	5.9	28.2	5.2	16	<0.1	0.3	0.4	32	0.06	0.041	22
1335999	Soil		2.3	19.8	12.5	49	<0.1	11.9	8.6	843	2.05	6.0	1.1	1.8	18	<0.1	0.3	0.3	29	0.03	0.037	8
1336000	Soil		1.7	35.9	9.6	64	<0.1	20.4	9.5	379	2.57	10.5	1.4	2.7	13	0.2	0.6	0.2	52	0.10	0.036	13
1336331	Soil		0.8	52.5	7.3	63	0.1	46.1	15.5	293	3.04	7.1	2.5	3.3	47	0.2	0.5	0.1	74	0.71	0.095	12

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**
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 Vancouver BC V6C 3K4 Canada

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1335979	Soil	43	0.63	263	0.074	2	1.55	0.008	0.21	0.1	0.06	2.6	0.3	0.07	5	1.1	<0.2
1335980	Soil	49	0.60	265	0.066	<1	1.36	0.011	0.14	0.1	0.05	2.8	0.2	0.07	4	0.6	<0.2
1335981	Soil	49	0.69	260	0.084	2	1.67	0.008	0.21	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1335982	Soil	33	0.46	255	0.053	3	1.67	0.007	0.06	0.2	0.06	3.4	<0.1	<0.05	5	0.5	<0.2
1335983	Soil	29	0.42	174	0.041	2	1.57	0.007	0.06	0.2	0.06	2.4	0.1	<0.05	5	0.6	<0.2
1335984	Soil	30	0.46	207	0.048	2	1.61	0.008	0.06	<0.1	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1335985	Soil	28	0.45	210	0.048	1	1.47	0.008	0.06	0.1	0.04	3.0	0.1	<0.05	4	<0.5	<0.2
1335986	Soil	30	0.50	186	0.054	1	1.62	0.008	0.07	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1335987	Soil	32	0.50	293	0.056	2	1.63	0.007	0.07	0.1	0.04	4.0	0.1	<0.05	5	<0.5	<0.2
1335988	Soil	25	0.43	360	0.060	1	1.37	0.007	0.06	0.1	0.06	4.0	0.1	<0.05	4	1.0	<0.2
1335989	Soil	32	0.50	375	0.061	2	1.78	0.008	0.07	0.1	0.06	5.2	0.1	<0.05	5	<0.5	<0.2
1335990	Soil	36	0.53	553	0.060	2	1.87	0.008	0.07	0.1	0.07	4.9	0.1	<0.05	5	<0.5	<0.2
1335991	Soil	37	0.48	314	0.048	1	1.90	0.007	0.06	0.2	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1335992	Soil	26	0.42	304	0.061	1	1.35	0.007	0.06	0.1	0.05	3.0	<0.1	<0.05	4	0.6	<0.2
1335993	Soil	34	0.58	701	0.079	1	1.75	0.011	0.10	0.1	0.05	5.4	0.1	<0.05	5	<0.5	<0.2
1335994	Soil	33	0.51	584	0.065	1	1.66	0.010	0.08	0.1	0.06	4.9	<0.1	<0.05	5	<0.5	<0.2
1335995	Soil	31	0.49	320	0.061	2	1.66	0.007	0.13	<0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1335996	Soil	34	0.42	325	0.048	1	1.66	0.006	0.11	0.1	0.05	3.3	0.1	<0.05	5	0.6	<0.2
1337401	Soil	31	0.42	262	0.040	1	1.68	0.006	0.05	0.1	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1337402	Soil	37	0.50	167	0.054	2	2.26	0.007	0.07	<0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1337403	Soil	33	0.51	257	0.057	1	1.87	0.008	0.06	0.1	0.04	4.5	0.1	<0.05	5	<0.5	<0.2
1337404	Soil	30	0.45	252	0.056	1	1.49	0.007	0.06	0.1	0.05	4.7	<0.1	<0.05	4	<0.5	<0.2
1337405	Soil	31	0.40	216	0.037	1	1.67	0.006	0.06	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1337406	Soil	30	0.41	206	0.042	2	1.78	0.007	0.05	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1337408	Soil	28	0.37	179	0.049	2	1.48	0.006	0.07	<0.1	0.04	2.8	<0.1	<0.05	4	0.5	<0.2
1335997	Soil	34	0.54	377	0.062	2	1.90	0.009	0.09	0.2	0.08	4.6	0.1	<0.05	5	<0.5	<0.2
1335998	Soil	18	0.26	326	0.022	<1	1.19	0.003	0.22	<0.1	0.03	3.6	0.3	<0.05	3	<0.5	<0.2
1335999	Soil	14	0.12	124	0.008	<1	0.85	0.003	0.06	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1336000	Soil	28	0.41	169	0.043	<1	1.60	0.006	0.07	0.1	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1336331	Soil	81	0.95	340	0.117	1	1.94	0.021	0.14	<0.1	0.03	4.8	0.1	<0.05	5	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
1336332	Soil	0.6	20.5	8.1	52	<0.1	21.0	7.9	178	2.16	5.9	3.5	2.5	31	0.1	0.4	0.1	49	0.36	0.057	13
1336333	Soil	0.6	23.3	8.7	62	<0.1	24.2	8.8	200	2.41	7.6	1.8	3.5	32	0.1	0.4	0.1	54	0.39	0.063	15
1336334	Soil	0.5	21.5	9.0	56	0.1	18.5	8.8	182	2.29	7.7	2.1	3.5	27	0.2	0.5	0.1	53	0.33	0.061	17
1336335	Soil	0.5	22.9	9.0	60	0.1	21.3	9.2	219	2.83	11.0	10.4	4.5	31	0.2	0.6	0.1	59	0.39	0.067	17
1336336	Soil	0.9	16.0	8.2	54	<0.1	21.0	9.1	191	2.40	7.4	5.8	3.2	30	0.2	0.5	0.1	56	0.33	0.067	14
1336337	Soil	0.7	15.0	7.8	56	0.1	19.3	10.2	361	2.18	5.6	5.0	2.2	36	0.2	0.4	0.1	48	0.37	0.060	13
1336338	Soil	0.6	22.2	7.3	52	<0.1	26.0	10.8	287	2.41	6.4	3.1	3.4	38	0.1	0.4	0.1	52	0.46	0.072	13
1336339	Soil	0.4	14.3	7.8	54	0.1	18.0	6.1	133	1.99	5.9	6.3	2.4	29	0.2	0.5	0.1	52	0.32	0.065	13
1336340	Soil	0.7	16.9	8.4	60	<0.1	23.8	11.1	278	2.49	7.4	1.7	3.3	36	0.3	0.4	0.1	57	0.33	0.065	14
1336341	Soil	1.1	17.6	9.0	66	<0.1	28.6	12.7	320	2.61	7.0	3.8	2.9	45	0.2	0.4	0.2	59	0.41	0.081	13
1336342	Soil	0.9	14.9	8.4	59	<0.1	27.6	10.9	265	2.46	6.3	4.4	3.0	41	0.1	0.4	0.2	63	0.35	0.066	13
1336343	Soil	0.8	14.7	8.0	59	<0.1	25.4	11.7	325	2.44	5.8	1.8	3.0	41	0.2	0.4	0.1	56	0.34	0.072	13
1336344	Soil	1.1	16.4	8.9	65	0.1	27.1	12.4	263	2.67	6.8	4.1	2.7	41	0.2	0.4	0.2	66	0.35	0.068	13
1336345	Soil	0.9	16.6	8.2	61	<0.1	29.6	11.3	262	2.45	6.1	1.1	3.1	45	0.2	0.4	0.1	57	0.41	0.074	14
1336346	Soil	1.0	21.3	9.8	61	0.1	31.8	11.6	270	2.53	5.8	3.9	3.0	49	0.2	0.4	0.2	59	0.37	0.065	14
1336347	Soil	0.8	15.5	8.2	61	<0.1	26.9	11.2	260	2.51	6.5	2.4	3.1	47	0.2	0.4	0.1	59	0.40	0.079	15
1336348	Soil	0.8	14.3	8.5	55	0.1	23.4	7.8	162	2.12	4.7	3.4	2.2	46	0.2	0.4	0.1	50	0.38	0.064	13
1336349	Soil	0.6	21.9	7.6	67	<0.1	39.2	12.0	231	2.76	4.7	1.1	3.5	67	0.2	0.4	<0.1	61	0.56	0.083	17
1336350	Soil	0.7	21.9	10.0	63	0.1	33.8	11.8	254	2.75	4.7	2.0	3.2	63	0.2	0.4	0.1	56	0.52	0.068	15
1336351	Soil	1.1	26.3	9.7	78	<0.1	48.4	17.5	360	3.45	5.7	3.1	4.1	86	0.2	0.4	0.1	74	0.62	0.094	16
1336352	Soil	1.3	27.2	9.8	81	0.1	58.1	21.3	515	3.93	7.0	1.4	3.9	115	0.2	0.3	0.1	85	0.72	0.119	19
1336353	Soil	1.0	28.8	9.8	78	0.1	53.1	16.4	369	3.62	6.7	3.2	4.1	95	0.2	0.4	0.1	76	0.68	0.095	18
1336354	Soil	1.3	27.6	10.8	83	0.1	61.4	19.9	489	4.16	7.2	44.7	4.0	113	0.2	0.4	0.1	84	0.68	0.114	20
1336355	Soil	0.9	25.7	9.9	77	0.1	46.5	13.4	278	3.25	4.8	2.7	4.1	89	0.1	0.4	0.1	64	0.54	0.080	17
1336356	Soil	1.3	29.4	12.6	89	0.1	63.9	20.8	470	4.21	7.5	2.9	4.3	119	0.3	0.5	0.1	87	0.67	0.120	19
1336357	Soil	0.9	24.1	9.0	72	0.1	50.0	16.8	400	3.41	5.9	2.6	3.6	88	0.3	0.4	0.1	69	0.60	0.078	17
1336358	Soil	0.6	34.7	13.3	65	<0.1	27.6	11.6	243	2.82	3.8	1.5	15.0	13	<0.1	0.3	0.2	34	0.12	0.024	61
1336359	Soil	1.1	36.4	13.4	76	<0.1	30.6	10.6	296	2.83	5.4	2.0	10.5	14	<0.1	0.4	0.2	45	0.10	0.020	36
1336360	Soil	2.2	34.4	13.6	66	0.1	21.3	7.6	206	3.04	6.7	1.0	7.5	18	0.2	0.4	0.2	52	0.09	0.031	23
1336361	Soil	2.1	32.9	9.3	77	0.2	22.9	5.1	150	2.60	2.9	<0.5	6.4	12	0.3	0.3	0.2	40	0.07	0.036	23

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: FOM
 Report Date: October 06, 2011

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CERTIFICATE OF ANALYSIS

DAW11000245.2

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		
				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	
1336332	Soil			31	0.48	216	0.074	1	1.59	0.014	0.06	0.1	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1336333	Soil			33	0.53	264	0.087	2	1.59	0.017	0.09	0.2	0.03	3.2	<0.1	<0.05	5	<0.5	<0.2
1336334	Soil			29	0.43	254	0.078	1	1.59	0.015	0.05	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1336335	Soil			29	0.47	261	0.083	2	1.55	0.019	0.05	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2
1336336	Soil			28	0.43	235	0.095	2	1.68	0.017	0.04	0.2	0.04	2.9	<0.1	<0.05	5	0.5	<0.2
1336337	Soil			27	0.42	252	0.086	1	1.58	0.017	0.04	0.1	0.04	2.8	<0.1	0.05	5	<0.5	<0.2
1336338	Soil			43	0.53	198	0.128	1	1.51	0.020	0.08	0.2	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
1336339	Soil			26	0.38	226	0.084	2	1.48	0.016	0.04	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1336340	Soil			31	0.45	252	0.123	1	1.83	0.018	0.05	0.2	0.05	3.0	<0.1	<0.05	5	<0.5	<0.2
1336341	Soil			35	0.47	260	0.153	2	1.73	0.019	0.05	0.2	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1336342	Soil			35	0.46	241	0.158	2	1.78	0.016	0.04	0.3	0.05	2.5	<0.1	<0.05	6	<0.5	<0.2
1336343	Soil			33	0.46	240	0.151	2	1.71	0.018	0.04	0.2	0.04	2.4	<0.1	<0.05	6	<0.5	<0.2
1336344	Soil			35	0.49	251	0.147	2	1.88	0.020	0.05	0.2	0.05	2.6	<0.1	<0.05	6	<0.5	<0.2
1336345	Soil			36	0.46	229	0.158	1	1.61	0.020	0.04	0.2	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1336346	Soil			38	0.49	250	0.149	1	1.79	0.020	0.04	0.2	0.04	2.7	<0.1	<0.05	6	<0.5	<0.2
1336347	Soil			36	0.45	256	0.174	1	1.73	0.017	0.04	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1336348	Soil			32	0.42	239	0.138	1	1.71	0.020	0.04	0.2	0.06	2.7	<0.1	<0.05	6	<0.5	<0.2
1336349	Soil			44	0.53	307	0.288	1	1.87	0.026	0.05	0.2	0.04	3.3	<0.1	<0.05	6	<0.5	<0.2
1336350	Soil			37	0.51	305	0.224	<1	2.06	0.027	0.05	0.2	0.04	3.0	<0.1	<0.05	7	<0.5	<0.2
1336351	Soil			49	0.62	341	0.357	1	2.31	0.030	0.05	0.1	0.04	3.6	<0.1	<0.05	8	<0.5	<0.2
1336352	Soil			51	0.65	445	0.424	1	2.68	0.037	0.05	0.2	0.04	3.3	<0.1	<0.05	9	<0.5	<0.2
1336353	Soil			49	0.71	366	0.341	1	2.45	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	8	<0.5	<0.2
1336354	Soil			53	0.69	393	0.387	<1	2.52	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	9	<0.5	<0.2
1336355	Soil			47	0.57	309	0.319	1	2.37	0.031	0.07	0.1	0.05	3.5	<0.1	<0.05	8	<0.5	<0.2
1336356	Soil			57	0.62	376	0.459	<1	2.58	0.035	0.07	0.2	0.05	3.6	<0.1	<0.05	9	<0.5	<0.2
1336357	Soil			45	0.59	355	0.344	<1	2.51	0.030	0.06	0.1	0.05	3.4	<0.1	<0.05	8	<0.5	<0.2
1336358	Soil			25	0.64	176	0.099	<1	1.69	0.006	0.35	<0.1	0.05	4.6	0.3	<0.05	5	<0.5	<0.2
1336359	Soil			31	0.61	190	0.084	<1	1.82	0.007	0.25	<0.1	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1336360	Soil			32	0.56	183	0.066	<1	1.85	0.009	0.19	<0.1	0.02	2.2	0.3	0.06	5	1.1	<0.2
1336361	Soil			23	0.48	111	0.056	<1	1.33	0.005	0.17	<0.1	0.02	1.5	0.3	<0.05	4	1.6	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
Unit		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
1336362	Soil	1.9	22.0	9.8	49	0.1	13.3	3.6	126	2.08	4.1	1.2	2.7	11	0.3	0.4	0.2	52	0.06	0.033	17
1336363	Soil	2.0	23.7	11.4	81	<0.1	28.6	12.5	303	3.40	8.9	1.8	4.5	17	0.5	0.5	0.2	59	0.12	0.047	13
1336364	Soil	2.0	33.5	9.9	64	0.2	20.6	7.1	263	2.41	4.0	6.9	3.9	20	0.4	0.4	0.2	46	0.18	0.057	19
1336365	Soil	1.8	24.2	10.0	64	0.2	19.7	7.7	253	2.35	4.0	1.6	5.2	17	0.2	0.4	0.2	44	0.19	0.042	23
1336366	Soil	1.2	25.2	11.8	68	<0.1	23.3	10.8	277	2.63	5.4	1.1	6.3	15	0.1	0.4	0.2	46	0.16	0.037	24
1336367	Soil	1.3	22.4	10.8	64	0.1	21.3	10.4	243	2.47	4.8	1.3	6.6	17	0.1	0.4	0.2	41	0.22	0.048	36
1336368	Soil	1.4	31.7	12.3	75	0.3	23.4	10.8	288	2.60	3.6	1.4	4.0	16	<0.1	0.3	0.2	45	0.15	0.051	26
1336369	Soil	0.8	24.7	8.9	57	0.1	19.0	6.7	178	2.08	4.1	1.9	4.0	14	0.1	0.3	0.2	39	0.16	0.030	19
1336370	Soil	0.9	34.4	10.9	70	<0.1	23.6	8.4	163	2.37	3.6	2.4	4.0	16	<0.1	0.3	0.2	43	0.18	0.044	26
1336371	Soil	0.9	30.6	10.1	64	<0.1	24.4	8.6	299	2.28	4.1	1.3	5.3	18	0.2	0.4	0.2	39	0.19	0.037	25
1336372	Soil	1.1	26.2	11.7	60	0.1	22.6	8.2	229	2.45	6.0	2.3	2.5	19	0.1	0.4	0.2	47	0.16	0.042	21
1336373	Soil	1.7	32.2	13.4	61	0.2	21.0	7.5	252	2.54	6.7	2.7	3.9	18	0.2	0.5	0.2	52	0.15	0.045	21
1336374	Soil	1.0	31.9	9.8	66	<0.1	22.6	8.8	352	2.42	6.0	2.5	5.3	18	0.2	0.5	0.2	47	0.17	0.039	20
1336375	Soil	1.6	39.6	10.6	66	0.2	21.4	9.6	386	2.57	6.1	1.2	3.7	16	0.3	0.4	0.2	48	0.12	0.056	22
1336376	Soil	1.4	29.8	11.2	56	0.1	19.2	6.8	237	2.33	5.7	1.1	2.4	20	0.2	0.4	0.2	45	0.15	0.047	16
1336377	Soil	0.6	27.1	9.8	46	<0.1	17.1	5.7	171	1.68	3.1	2.7	1.5	14	<0.1	0.2	0.3	29	0.12	0.031	22
1336378	Soil	1.1	32.6	9.4	54	<0.1	18.9	6.6	251	2.03	5.2	<0.5	2.3	16	0.1	0.4	0.2	41	0.14	0.036	17
1336379	Soil	1.5	41.1	10.9	51	<0.1	20.0	8.6	416	2.01	4.2	<0.5	1.5	14	0.2	0.3	0.2	37	0.08	0.042	16
1336380	Soil	0.9	42.5	7.8	64	0.1	25.3	7.0	240	2.15	5.3	4.0	3.4	18	0.1	0.4	0.2	43	0.16	0.037	17
1336381	Soil	1.6	63.5	16.6	94	0.1	36.1	16.6	707	3.08	5.1	0.8	4.2	18	0.2	0.4	0.3	61	0.16	0.061	35



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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

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CERTIFICATE OF ANALYSIS

DAW11000245.2

Method	Analyte	1DX15	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
Unit		ppm	%	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	
1336362	Soil	17	0.25	85	0.058	<1	1.05	0.005	0.08	<0.1	0.02	1.1	0.2	<0.05	5	0.7	<0.2
1336363	Soil	39	0.50	171	0.065	2	3.19	0.009	0.08	0.1	0.03	2.7	0.2	<0.05	5	0.6	<0.2
1336364	Soil	23	0.47	142	0.062	<1	1.23	0.007	0.14	0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1336365	Soil	25	0.45	156	0.064	<1	1.41	0.007	0.12	<0.1	0.02	2.0	0.2	<0.05	4	1.0	<0.2
1336366	Soil	27	0.49	159	0.077	<1	1.71	0.007	0.15	0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1336367	Soil	25	0.50	160	0.079	<1	1.65	0.008	0.21	<0.1	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1336368	Soil	31	0.56	270	0.059	<1	2.14	0.008	0.16	<0.1	0.06	3.7	0.2	<0.05	6	<0.5	<0.2
1336369	Soil	23	0.42	227	0.055	<1	1.32	0.006	0.14	<0.1	0.03	2.4	0.2	<0.05	4	<0.5	<0.2
1336370	Soil	28	0.53	221	0.071	1	1.75	0.007	0.18	<0.1	0.04	2.9	0.2	<0.05	5	<0.5	<0.2
1336371	Soil	24	0.49	190	0.075	<1	1.43	0.008	0.20	<0.1	0.03	3.1	0.2	<0.05	4	<0.5	<0.2
1336372	Soil	30	0.40	200	0.059	1	1.82	0.010	0.10	<0.1	0.05	2.7	0.2	<0.05	5	<0.5	<0.2
1336373	Soil	31	0.45	212	0.065	<1	1.93	0.007	0.08	0.1	0.05	3.4	0.2	<0.05	6	<0.5	<0.2
1336374	Soil	27	0.48	172	0.072	1	1.64	0.007	0.11	<0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1336375	Soil	29	0.46	164	0.062	<1	1.79	0.008	0.14	<0.1	0.03	2.8	0.2	<0.05	5	0.6	<0.2
1336376	Soil	28	0.35	236	0.056	1	1.86	0.015	0.08	<0.1	0.07	2.8	0.1	<0.05	5	<0.5	<0.2
1336377	Soil	21	0.35	199	0.046	1	1.37	0.011	0.13	<0.1	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
1336378	Soil	26	0.42	201	0.064	<1	1.38	0.006	0.08	0.1	0.03	2.6	0.1	<0.05	4	<0.5	<0.2
1336379	Soil	25	0.47	195	0.072	2	1.24	0.006	0.22	<0.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
1336380	Soil	26	0.55	282	0.077	<1	1.26	0.006	0.14	<0.1	0.03	2.8	0.1	<0.05	4	0.6	<0.2
1336381	Soil	38	0.62	404	0.088	<1	1.77	0.007	0.24	0.1	0.04	4.0	0.3	<0.05	6	<0.5	<0.2



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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

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QUALITY CONTROL REPORT

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Method	Analyte	1DX15	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
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	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
Pulp Duplicates																					
1334988	Soil	1.0	28.4	9.1	69	0.2	25.8	10.6	355	2.47	9.6	7.5	3.6	40	0.3	0.8	0.2	50	0.62	0.073	15
REP 1334988	QC	0.9	27.6	8.7	67	0.1	25.3	10.0	351	2.39	9.5	2.7	3.3	40	0.3	0.7	0.1	50	0.59	0.073	14
1337903	Soil	1.1	30.6	10.6	64	0.2	23.5	9.4	263	2.63	9.0	4.1	4.4	38	0.2	0.7	0.2	53	0.45	0.058	16
REP 1337903	QC	1.1	31.3	11.3	66	0.2	24.9	9.8	272	2.74	9.2	2.7	4.6	39	0.2	0.7	0.2	57	0.46	0.059	17
1335625	Soil	0.8	38.2	7.5	73	<0.1	171.7	16.4	445	3.01	8.4	2.1	4.1	22	0.1	0.3	0.1	61	0.25	0.054	19
REP 1335625	QC	0.9	40.2	7.8	74	<0.1	175.0	17.8	462	3.15	8.7	1.3	4.4	22	0.2	0.3	0.2	63	0.26	0.055	20
1335659	Soil	1.2	34.7	9.9	52	0.1	17.3	5.9	197	2.18	4.8	4.3	3.7	16	<0.1	0.4	0.2	37	0.13	0.039	17
REP 1335659	QC	1.2	33.4	9.7	54	0.1	18.1	5.7	185	2.11	4.8	2.4	3.6	16	0.1	0.4	0.2	37	0.13	0.037	18
1335676	Soil	1.1	24.2	10.1	59	<0.1	21.8	8.4	235	2.64	8.4	5.3	2.5	19	0.1	0.5	0.2	57	0.21	0.062	16
REP 1335676	QC	0.8	25.1	10.2	62	<0.1	23.4	8.7	238	2.72	8.7	5.5	2.6	20	0.2	0.5	0.2	58	0.22	0.064	16
1335690	Soil	1.1	59.0	8.7	53	0.1	13.9	7.9	329	2.89	5.9	2.8	2.6	18	0.1	3.1	0.2	73	0.06	0.047	19
REP 1335690	QC	0.9	57.8	8.6	52	0.1	13.9	7.9	326	2.89	6.1	3.6	2.6	17	0.1	2.8	0.2	73	0.05	0.049	19
1335720	Soil	1.3	25.7	9.9	74	0.2	22.5	9.9	273	2.97	10.7	3.6	4.7	26	0.3	0.6	0.2	64	0.27	0.067	19
REP 1335720	QC	1.2	25.5	9.7	70	0.2	21.0	9.3	260	2.87	10.9	14.0	4.7	26	0.2	0.7	0.2	62	0.29	0.067	19
1335750	Soil	2.0	26.8	13.4	61	0.1	18.0	12.8	538	3.52	4.3	1.8	1.6	128	0.1	0.2	0.1	107	1.08	0.124	15
REP 1335750	QC	2.0	26.1	13.6	61	0.1	19.2	12.8	532	3.53	4.1	2.1	1.6	128	0.1	0.2	0.1	111	1.05	0.118	15
1335859	Soil	0.5	15.7	4.8	33	<0.1	13.3	9.6	257	2.31	5.5	2.5	2.3	11	<0.1	0.3	0.1	60	0.21	0.043	9
REP 1335859	QC	0.5	15.8	4.7	32	<0.1	13.5	9.6	261	2.35	5.5	1.3	2.4	12	<0.1	0.3	0.1	60	0.22	0.044	9
1335886	Soil	0.6	12.6	9.7	49	<0.1	16.8	9.3	306	2.80	6.7	3.1	2.3	41	<0.1	0.3	0.1	70	0.29	0.063	11
REP 1335886	QC	0.6	12.8	9.7	50	<0.1	16.9	9.3	302	2.78	6.7	1.3	2.2	41	0.1	0.3	0.1	69	0.29	0.064	11
1335900	Soil	0.9	21.0	8.3	54	<0.1	17.0	9.4	367	2.87	6.0	1.9	2.3	41	<0.1	0.4	0.1	74	0.43	0.076	15
REP 1335900	QC	0.9	19.9	8.0	49	<0.1	17.1	9.2	336	2.66	5.9	1.2	2.3	40	<0.1	0.3	0.1	70	0.43	0.074	14
1335925	Soil	1.2	36.7	11.4	77	0.2	24.7	8.0	210	2.98	4.7	5.4	0.5	11	0.2	0.3	0.3	46	0.10	0.074	30
REP 1335925	QC	1.3	37.7	11.8	79	0.1	25.3	8.4	224	3.03	4.5	3.3	0.5	11	0.2	0.3	0.3	48	0.11	0.072	29
1335963	Soil	1.3	35.6	11.3	69	0.1	27.1	9.3	224	2.65	9.4	1.9	12.0	14	0.2	0.3	0.3	35	0.10	0.065	53
REP 1335963	QC	1.3	35.9	11.7	72	0.1	26.4	9.5	221	2.63	9.4	2.3	13.0	14	<0.1	0.2	0.3	34	0.11	0.068	54
1335967	Soil	0.9	30.7	11.1	63	0.1	20.8	7.5	235	2.05	5.7	1.4	6.0	20	0.1	0.4	0.1	35	0.19	0.046	23
REP 1335967	QC	0.8	31.1	10.6	62	0.1	20.2	7.6	230	2.05	5.6	2.1	5.7	19	0.1	0.4	0.1	35	0.19	0.047	24

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Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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

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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	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	
Pulp Duplicates																	
1334988	Soil	27	0.53	386	0.065	1	1.40	0.030	0.06	0.2	0.03	3.4	<0.1	<0.05	4	0.7	<0.2
REP 1334988	QC	27	0.53	381	0.061	1	1.39	0.031	0.06	0.2	0.08	3.4	<0.1	<0.05	4	0.6	<0.2
1337903	Soil	31	0.49	952	0.072	<1	1.70	0.019	0.07	<0.1	0.05	3.9	<0.1	<0.05	5	0.7	<0.2
REP 1337903	QC	33	0.51	970	0.076	1	1.78	0.019	0.08	0.1	0.04	4.2	<0.1	<0.05	5	0.6	<0.2
1335625	Soil	194	1.51	337	0.093	<1	2.13	0.009	0.21	<0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
REP 1335625	QC	206	1.60	336	0.100	<1	2.22	0.009	0.22	<0.1	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1335659	Soil	24	0.42	223	0.060	1	1.28	0.008	0.08	<0.1	0.06	2.8	0.1	<0.05	4	<0.5	<0.2
REP 1335659	QC	24	0.41	227	0.060	<1	1.34	0.008	0.08	<0.1	0.05	2.8	0.1	<0.05	4	<0.5	<0.2
1335676	Soil	32	0.48	219	0.066	1	1.80	0.008	0.06	<0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
REP 1335676	QC	34	0.51	223	0.066	1	1.91	0.008	0.06	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1335690	Soil	22	0.15	127	0.041	<1	0.86	0.003	0.06	<0.1	0.05	1.8	0.1	<0.05	4	1.1	0.3
REP 1335690	QC	22	0.15	121	0.039	<1	0.84	0.003	0.06	<0.1	0.04	1.8	0.1	<0.05	4	1.2	0.3
1335720	Soil	35	0.56	382	0.087	2	1.64	0.015	0.10	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
REP 1335720	QC	34	0.54	370	0.089	2	1.56	0.014	0.10	0.2	0.03	3.0	0.1	0.06	5	<0.5	<0.2
1335750	Soil	30	0.99	191	0.076	<1	3.44	0.052	0.06	0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
REP 1335750	QC	30	0.99	192	0.075	2	3.36	0.051	0.06	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
1335859	Soil	24	0.67	269	0.082	<1	1.48	0.011	0.17	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
REP 1335859	QC	25	0.69	272	0.083	<1	1.51	0.012	0.17	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1335886	Soil	34	0.59	173	0.041	<1	2.10	0.009	0.04	<0.1	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
REP 1335886	QC	34	0.58	175	0.043	<1	2.10	0.009	0.04	<0.1	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1335900	Soil	29	0.61	190	0.064	1	1.90	0.017	0.05	0.1	0.04	4.7	<0.1	<0.05	5	0.6	<0.2
REP 1335900	QC	26	0.55	189	0.057	<1	1.83	0.016	0.05	0.1	0.03	4.4	<0.1	<0.05	5	0.7	<0.2
1335925	Soil	25	0.33	149	0.030	<1	1.62	0.005	0.19	<0.1	0.04	1.5	0.2	0.07	5	1.2	<0.2
REP 1335925	QC	28	0.33	144	0.033	<1	1.61	0.006	0.21	<0.1	0.05	1.5	0.2	<0.05	5	<0.5	<0.2
1335963	Soil	21	0.35	95	0.041	1	1.11	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.7	<0.2
REP 1335963	QC	20	0.36	95	0.040	<1	1.15	0.005	0.14	<0.1	0.01	1.8	0.2	<0.05	3	0.6	<0.2
1335967	Soil	20	0.34	187	0.058	<1	0.99	0.008	0.06	<0.1	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 1335967	QC	20	0.34	184	0.059	<1	0.99	0.008	0.06	0.1	0.02	2.6	<0.1	<0.05	3	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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 Vancouver BC V6C 3K4 Canada

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QUALITY CONTROL REPORT

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		1DX15	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
1337402	Soil	37	0.50	167	0.054	2	2.26	0.007	0.07	<0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
REP 1337402	QC	37	0.50	171	0.058	2	2.31	0.007	0.07	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1335997	Soil	34	0.54	377	0.062	2	1.90	0.009	0.09	0.2	0.08	4.6	0.1	<0.05	5	<0.5	<0.2
REP 1335997	QC	33	0.57	378	0.060	2	1.89	0.009	0.09	0.1	0.07	4.7	0.1	<0.05	5	<0.5	<0.2
1336354	Soil	53	0.69	393	0.387	<1	2.52	0.035	0.06	0.2	0.04	3.5	<0.1	<0.05	9	<0.5	<0.2
REP 1336354	QC	49	0.66	371	0.354	1	2.36	0.032	0.05	0.2	0.04	3.4	<0.1	<0.05	8	<0.5	<0.2
1336376	Soil	28	0.35	236	0.056	1	1.86	0.015	0.08	<0.1	0.07	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1336376	QC	27	0.34	230	0.056	<1	1.76	0.015	0.08	<0.1	0.06	2.8	0.1	<0.05	5	<0.5	<0.2
1336379	Soil	25	0.47	195	0.072	2	1.24	0.006	0.22	<0.1	0.02	1.8	0.2	<0.05	4	<0.5	<0.2
REP 1336379	QC	28	0.50	209	0.078	1	1.33	0.006	0.23	<0.1	0.02	2.0	0.2	<0.05	4	0.5	<0.2
Reference Materials																	
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	112	0.58	258	0.106	2	0.83	0.078	0.38	2.9	0.19	2.0	5.2	0.16	4	5.7	4.5
STD DS8	Standard	115	0.61	268	0.115	3	0.90	0.087	0.40	2.9	0.20	2.0	5.4	0.15	5	4.9	5.1
STD DS8	Standard	127	0.68	272	0.126	2	0.94	0.078	0.42	2.9	0.21	2.1	5.5	0.17	4	5.8	5.3
STD DS8	Standard	117	0.61	270	0.112	2	0.87	0.085	0.40	2.9	0.19	2.1	5.4	0.19	5	4.8	4.8
STD DS8	Standard	140	0.69	302	0.139	4	1.04	0.098	0.45	3.2	0.20	2.3	5.7	0.21	5	5.6	4.7
STD DS8	Standard	113	0.62	262	0.116	2	0.85	0.073	0.39	2.8	0.20	1.8	5.0	0.16	4	4.4	4.5
STD DS8	Standard	119	0.65	279	0.125	2	0.92	0.085	0.42	3.0	0.21	2.3	5.7	0.19	5	5.8	5.3
STD DS8	Standard	124	0.63	280	0.128	3	0.94	0.089	0.42	3.0	0.21	2.1	5.4	0.22	5	5.0	4.8
STD DS8	Standard	115	0.64	294	0.123	3	0.92	0.089	0.41	3.0	0.21	2.2	5.7	0.16	5	4.9	5.3
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

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Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**

11th Floor, 888 Dunsmuir Street

Vancouver BC V6C 3K4 Canada

Project: FOM

Report Date: October 06, 2011

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QUALITY CONTROL REPORT

DAW11000245.2

		1DX15	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
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



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**

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

Project: FOM

Report Date: October 06, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

DAW11000245.2

		1DX15	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
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



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: September 10, 2011
Report Date: November 03, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

DAW11000322.2

CLIENT JOB INFORMATION

Project: DOW
Shipment ID: DOW
P.O. Number: Quotation NA-11-435
Number of Samples: 320

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

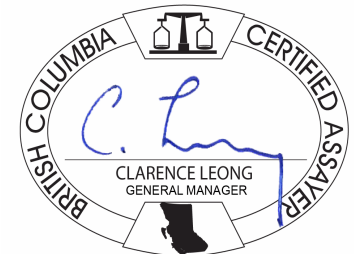
CC: Andrew Caldwell
Jack Cote

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			DAW
SS80	320	Dry at 60C sieve 100g to -80 mesh			DAW
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Revised Sample ID - Sample 1165995 should be listed as 1165994



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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

DAW11000322.2

Method	Analyte	1DX15	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
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	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	2	0.01	0.001	1	
1335634	Soil	1.1	25.8	11.7	90	0.2	24.8	15.4	1051	3.02	11.5	6.9	1.7	17	0.3	0.8	0.2	53	0.20	0.075	16
1335635	Soil	0.9	21.1	10.4	74	0.3	20.6	10.7	362	2.46	13.8	9.2	1.7	19	0.2	0.9	0.2	45	0.20	0.070	13
1335636	Soil	1.3	43.7	20.7	142	0.6	39.3	14.7	688	3.38	48.6	9.8	10.7	23	0.4	1.3	0.4	39	0.43	0.058	37
1335637	Soil	1.5	16.6	18.5	69	0.3	21.0	8.0	205	3.19	78.5	5.0	7.0	10	0.3	0.9	0.3	52	0.10	0.027	27
1335638	Soil	1.0	27.6	19.7	66	0.1	29.9	9.9	333	2.70	95.2	7.2	13.5	18	0.2	1.4	0.5	28	0.34	0.042	45
1335639	Soil	0.7	20.4	29.4	98	0.3	32.7	10.4	1578	2.61	55.5	6.2	4.3	40	0.6	1.5	0.6	40	1.71	0.067	33
1335640	Soil	1.2	26.1	22.7	92	0.4	38.8	15.8	990	2.64	123.4	11.6	14.2	19	0.3	1.9	0.4	22	0.58	0.054	47
1335641	Soil	1.6	32.9	14.1	69	0.4	30.0	11.1	518	3.04	23.0	5.9	3.3	29	0.3	1.0	0.3	51	0.27	0.053	23
1335642	Soil	1.4	23.6	12.1	73	0.2	26.3	11.5	526	2.91	17.5	8.9	6.0	13	0.1	1.0	0.2	51	0.09	0.035	18
1335643	Soil	1.3	26.8	12.0	65	0.2	22.4	11.0	735	2.54	16.1	10.0	1.7	15	0.3	0.8	0.2	50	0.14	0.056	14
1335644	Soil	0.9	12.2	6.8	21	0.1	8.3	2.7	156	1.26	5.8	5.2	0.2	7	<0.1	0.4	0.2	40	0.04	0.031	6
1335645	Soil	1.2	16.4	8.3	48	0.2	18.2	8.4	387	2.19	19.0	4.1	1.2	13	0.1	0.7	0.2	48	0.12	0.039	11
1335646	Soil	1.4	26.2	10.2	54	0.4	24.5	10.8	793	2.47	17.5	5.0	1.7	20	0.3	0.5	0.2	52	0.17	0.060	13
1335647	Soil	1.5	25.2	22.4	76	0.7	34.7	15.8	876	2.38	39.0	5.8	4.7	22	0.3	1.0	0.2	46	0.28	0.057	25
1335648	Soil	1.2	29.4	16.5	83	0.2	48.8	15.0	501	3.28	99.9	4.9	7.4	27	0.3	0.6	0.2	62	0.41	0.069	22
1335649	Soil	0.8	15.0	18.7	62	<0.1	20.9	7.5	666	2.09	13.4	2.3	7.9	19	0.1	0.4	0.2	38	0.26	0.044	31
1335650	Soil	0.8	15.9	20.1	64	<0.1	22.0	8.4	464	2.27	15.4	6.4	7.8	20	0.1	0.5	0.2	40	0.24	0.042	31
1335939	Soil	0.7	11.9	8.4	51	<0.1	17.1	6.7	159	2.13	6.3	2.3	1.6	19	0.1	0.4	0.2	51	0.23	0.057	13
1335940	Soil	0.9	26.6	8.4	72	<0.1	42.9	12.6	367	2.72	5.9	4.4	3.1	21	0.2	0.5	0.2	56	0.26	0.067	16
1335941	Soil	0.5	21.5	8.6	64	0.2	40.2	8.8	195	2.02	2.5	4.4	1.8	23	<0.1	0.4	0.1	44	0.38	0.076	14
1335942	Soil	0.5	28.3	5.2	73	0.1	63.4	14.0	335	2.88	4.2	3.0	1.6	21	0.1	0.2	0.1	67	0.55	0.104	11
1335943	Soil	0.7	50.6	7.8	90	<0.1	82.1	17.5	617	3.22	5.0	4.9	3.1	22	0.1	0.3	0.1	73	0.45	0.070	13
1335944	Soil	0.8	32.3	13.8	75	0.3	44.2	11.7	375	2.58	11.0	5.1	4.3	25	0.2	0.5	0.3	48	0.56	0.062	24
1335945	Soil	1.6	17.1	12.3	66	0.3	18.0	10.6	655	2.55	9.0	6.2	2.7	19	0.2	0.8	0.2	46	0.26	0.065	15
1335946	Soil	1.0	15.9	12.1	60	<0.1	19.8	8.7	330	2.85	9.4	5.3	2.2	16	0.2	0.6	0.2	57	0.16	0.043	14
1335947	Soil	1.4	23.2	11.0	87	0.2	29.2	12.4	491	3.10	21.1	3.3	2.7	18	0.3	0.9	0.2	53	0.21	0.053	22
1335948	Soil	1.2	13.2	7.8	32	0.4	9.7	3.6	141	2.00	9.0	0.7	0.5	8	0.3	0.5	0.2	48	0.05	0.034	9
1335949	Soil	1.5	36.8	13.7	59	0.7	17.6	8.0	348	2.63	21.0	6.5	1.3	13	0.2	3.4	0.2	49	0.10	0.062	13
1335950	Soil	1.6	41.6	16.3	85	0.7	28.0	21.0	956	3.34	23.4	5.0	2.3	19	0.4	2.0	0.3	60	0.15	0.072	17
1165951	Soil	1.1	32.6	8.3	85	<0.1	48.0	16.8	395	3.47	8.6	2.9	3.4	15	0.2	0.9	0.2	74	0.17	0.074	10

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1335634	Soil	31	0.41	200	0.029	<1	1.78	0.010	0.07	0.2	0.03	3.4	0.1	<0.05	5	0.6	<0.2
1335635	Soil	28	0.38	186	0.025	<1	1.59	0.009	0.06	0.2	0.11	3.4	0.2	<0.05	5	0.7	<0.2
1335636	Soil	30	0.53	269	0.013	2	1.79	0.010	0.14	0.1	0.05	4.3	0.2	<0.05	5	0.7	<0.2
1335637	Soil	21	0.27	122	0.012	<1	1.70	0.006	0.10	0.1	0.01	1.9	0.1	<0.05	6	0.6	<0.2
1335638	Soil	22	0.36	207	0.004	<1	1.96	0.008	0.15	0.1	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1335639	Soil	23	0.33	385	0.013	<1	1.90	0.011	0.10	0.2	0.04	2.9	0.1	<0.05	5	1.0	<0.2
1335640	Soil	26	0.45	156	0.006	1	1.30	0.006	0.16	0.1	0.03	3.2	0.1	<0.05	3	0.6	<0.2
1335641	Soil	29	0.35	309	0.021	<1	1.70	0.010	0.10	0.2	0.05	4.3	0.2	<0.05	5	1.2	<0.2
1335642	Soil	26	0.30	121	0.030	<1	1.34	0.006	0.08	0.2	0.03	3.1	0.1	<0.05	4	0.7	<0.2
1335643	Soil	28	0.34	161	0.038	1	1.43	0.009	0.07	0.2	0.04	3.3	0.1	<0.05	5	1.0	<0.2
1335644	Soil	11	0.06	50	0.031	<1	0.55	0.012	0.03	0.1	0.03	0.7	<0.1	<0.05	5	<0.5	<0.2
1335645	Soil	21	0.21	160	0.020	<1	0.98	0.010	0.06	0.2	0.05	2.3	0.2	<0.05	4	0.7	<0.2
1335646	Soil	27	0.27	260	0.026	<1	1.74	0.013	0.05	0.2	0.06	4.2	0.2	<0.05	6	0.7	<0.2
1335647	Soil	48	0.50	255	0.013	<1	1.28	0.008	0.07	0.4	0.03	4.0	0.3	<0.05	4	0.6	<0.2
1335648	Soil	95	0.93	249	0.059	<1	1.79	0.010	0.10	0.2	0.02	5.9	0.2	<0.05	6	<0.5	<0.2
1335649	Soil	30	0.49	244	0.043	<1	1.29	0.009	0.09	0.2	0.03	3.0	0.1	<0.05	4	0.7	<0.2
1335650	Soil	34	0.52	237	0.043	<1	1.38	0.009	0.07	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1335939	Soil	28	0.37	160	0.062	<1	1.38	0.011	0.04	0.3	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1335940	Soil	61	0.80	219	0.074	<1	1.84	0.009	0.05	0.2	0.03	3.9	<0.1	<0.05	6	0.8	<0.2
1335941	Soil	59	0.73	289	0.044	<1	1.74	0.011	0.07	0.2	0.06	3.7	<0.1	<0.05	5	<0.5	<0.2
1335942	Soil	82	0.94	270	0.084	<1	1.85	0.015	0.06	0.2	0.05	5.0	<0.1	<0.05	7	<0.5	<0.2
1335943	Soil	111	1.40	248	0.109	<1	2.21	0.012	0.14	0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
1335944	Soil	52	0.64	250	0.034	1	1.81	0.013	0.07	0.1	0.04	5.5	0.1	<0.05	5	0.9	<0.2
1335945	Soil	25	0.36	173	0.032	<1	1.26	0.013	0.06	0.2	0.03	2.6	0.1	<0.05	4	0.9	<0.2
1335946	Soil	28	0.42	131	0.042	<1	1.66	0.008	0.06	0.2	0.03	2.4	0.1	<0.05	6	0.5	<0.2
1335947	Soil	26	0.49	206	0.036	<1	1.70	0.008	0.13	0.1	0.04	4.3	0.2	<0.05	6	<0.5	<0.2
1335948	Soil	15	0.15	69	0.031	<1	1.03	0.009	0.06	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
1335949	Soil	24	0.25	133	0.025	<1	1.28	0.010	0.06	0.2	0.12	2.1	0.5	<0.05	5	0.9	<0.2
1335950	Soil	32	0.38	269	0.029	<1	1.96	0.009	0.08	0.2	0.16	3.9	0.5	<0.05	6	1.2	<0.2
1165951	Soil	52	0.63	141	0.081	<1	2.16	0.009	0.07	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

DAW11000322.2

Method Analyte	Unit	MDL	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	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	
1165952	Soil		0.5	59.2	3.3	126	<0.1	75.2	19.4	306	4.24	3.7	0.8	2.1	26	<0.1	0.4	<0.1	90	0.61	0.204	13
1165953	Soil		0.9	77.3	2.1	231	<0.1	96.9	31.8	577	6.05	3.5	4.1	0.9	40	<0.1	0.4	<0.1	139	1.00	0.442	13
1165954	Soil		0.9	29.2	9.8	65	<0.1	34.0	12.4	390	2.81	11.1	4.9	3.7	23	0.1	0.8	0.2	62	0.31	0.065	13
1165955	Soil		0.6	36.6	5.0	89	<0.1	46.6	14.5	204	3.66	5.3	<0.5	1.8	24	0.1	0.4	<0.1	75	0.49	0.166	8
1165956	Soil		1.5	39.7	10.5	56	0.2	46.5	12.9	601	2.77	14.2	1.3	3.0	25	0.2	1.7	0.2	59	0.26	0.040	15
1165957	Soil		0.9	44.9	10.0	69	0.2	40.2	13.2	522	2.72	19.1	3.2	3.8	26	0.4	1.6	0.2	58	0.29	0.050	19
1165958	Soil		0.6	50.6	4.8	56	0.1	42.4	14.3	420	3.06	7.8	6.6	1.7	19	<0.1	0.7	<0.1	73	0.40	0.035	7
1165959	Soil		0.8	40.5	6.4	38	<0.1	37.3	10.7	352	2.39	5.9	0.8	1.3	14	<0.1	0.3	0.1	68	0.19	0.021	7
1165960	Soil		0.9	22.4	9.1	59	0.1	24.0	7.4	299	2.49	16.8	6.9	2.8	17	0.1	1.0	0.2	48	0.19	0.030	10
1165961	Soil		1.1	18.9	10.9	57	0.3	19.1	7.9	337	2.30	12.1	3.7	2.1	16	0.2	0.7	0.2	44	0.16	0.038	12
1165962	Soil		1.2	20.9	11.5	52	0.3	16.1	7.1	305	2.13	35.8	6.5	2.9	13	0.1	0.5	0.1	37	0.10	0.031	13
1165963	Soil		1.2	19.0	13.3	58	0.3	15.6	7.0	162	2.55	43.7	6.1	3.5	8	0.2	0.5	0.2	44	0.06	0.025	11
1165964	Soil		1.1	23.7	12.5	45	0.1	15.2	5.6	143	2.10	48.8	3.4	5.2	8	<0.1	0.5	0.2	35	0.07	0.021	16
1165965	Soil		0.9	8.7	12.9	26	0.2	7.8	3.4	120	1.40	19.0	0.9	3.7	9	<0.1	0.3	0.2	30	0.08	0.016	12
1165966	Soil		0.9	11.7	17.9	38	0.3	10.7	4.0	127	1.89	29.0	7.0	3.4	7	0.1	0.3	0.2	31	0.07	0.020	11
1165967	Soil		1.2	10.4	14.2	40	0.1	12.2	4.0	227	1.78	52.1	8.6	4.9	9	<0.1	0.4	0.2	25	0.07	0.033	19
1165968	Soil		1.2	10.1	13.2	45	0.3	22.5	4.4	157	1.93	47.9	2.3	4.4	11	<0.1	0.4	0.2	42	0.09	0.031	17
1165969	Soil		1.3	12.9	16.4	63	0.3	17.3	5.6	245	2.17	44.2	2.3	4.6	9	0.2	0.4	0.3	34	0.07	0.058	19
1165970	Soil		1.2	13.6	15.1	51	0.4	13.2	6.0	178	2.20	21.5	1.8	4.3	10	0.2	0.4	0.2	44	0.09	0.024	12
1165971	Soil		1.3	20.8	12.8	60	0.3	20.0	6.9	143	2.48	37.4	7.1	3.8	10	0.2	0.5	0.2	47	0.09	0.028	12
1165972	Soil		1.1	18.1	13.5	50	0.2	15.4	6.1	248	2.19	22.6	2.4	4.4	11	0.1	0.4	0.2	43	0.10	0.027	15
1165973	Soil		1.2	13.9	14.2	48	0.2	16.5	5.8	193	2.20	24.8	3.3	4.6	15	0.2	0.4	0.2	41	0.14	0.027	15
1165974	Soil		1.3	24.8	14.5	48	0.1	16.9	6.1	197	2.28	26.6	4.8	4.8	8	0.1	0.4	0.2	41	0.07	0.031	16
1165975	Soil		1.1	19.0	14.1	62	0.1	21.3	6.5	172	2.32	22.3	4.7	5.2	11	0.2	0.4	0.2	43	0.09	0.025	16
1165976	Soil		0.3	12.3	22.5	72	<0.1	14.5	2.9	303	1.77	8.4	0.5	14.2	12	0.1	0.2	0.3	17	0.13	0.029	56
1165977	Soil		1.1	20.3	13.1	56	0.3	16.5	5.4	134	2.10	16.2	2.4	3.0	12	0.1	0.4	0.2	40	0.12	0.033	15
1165978	Soil		0.9	21.3	7.9	44	0.1	43.7	12.5	463	2.10	8.2	1.3	1.9	16	<0.1	0.5	0.1	50	0.22	0.024	8
1165979	Soil		0.6	26.9	6.8	58	0.1	28.6	9.5	408	2.02	8.6	2.3	1.5	27	0.3	0.7	0.1	46	0.52	0.047	10
1165980	Soil		0.7	27.9	7.2	43	<0.1	37.5	7.9	151	2.07	5.1	2.7	2.2	14	<0.1	0.3	<0.1	50	0.19	0.015	10
1165981	Soil		0.4	28.4	10.6	64	<0.1	63.5	12.0	401	2.98	9.9	1.0	7.7	15	<0.1	0.4	0.1	41	0.31	0.036	27

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

DAW11000322.2

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	0.05	1	0.5	0.2	
1165952	Soil			73	1.13	429	0.113	<1	2.13	0.011	0.52	<0.1	0.02	6.6	0.1	<0.05	9	<0.5	<0.2
1165953	Soil			60	0.75	198	0.051	<1	2.50	0.012	0.38	<0.1	0.01	5.9	<0.1	<0.05	10	0.7	<0.2
1165954	Soil			43	0.55	230	0.075	<1	1.70	0.010	0.07	0.2	0.02	3.8	<0.1	<0.05	6	0.5	<0.2
1165955	Soil			43	0.87	237	0.123	<1	2.09	0.009	0.25	0.1	0.01	4.5	<0.1	<0.05	8	0.8	<0.2
1165956	Soil			52	0.44	372	0.056	<1	1.99	0.015	0.06	0.3	0.03	4.6	<0.1	<0.05	6	0.8	<0.2
1165957	Soil			40	0.47	361	0.049	1	1.54	0.012	0.06	0.3	0.06	5.1	<0.1	<0.05	5	1.2	<0.2
1165958	Soil			66	0.87	265	0.037	2	1.64	0.009	0.06	0.2	0.03	6.8	<0.1	<0.05	5	0.6	<0.2
1165959	Soil			67	0.86	245	0.054	1	1.79	0.008	0.05	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1165960	Soil			30	0.41	284	0.029	1	1.55	0.006	0.06	0.4	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1165961	Soil			26	0.25	265	0.024	2	1.47	0.007	0.05	0.2	0.02	3.1	<0.1	<0.05	5	0.6	<0.2
1165962	Soil			22	0.20	193	0.019	2	1.28	0.007	0.06	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1165963	Soil			26	0.24	145	0.021	<1	1.58	0.006	0.06	0.2	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1165964	Soil			20	0.19	163	0.020	<1	1.21	0.006	0.07	0.2	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1165965	Soil			13	0.13	104	0.022	<1	0.94	0.007	0.07	0.1	<0.01	1.5	<0.1	<0.05	4	0.6	<0.2
1165966	Soil			16	0.17	94	0.014	2	1.22	0.007	0.07	0.1	0.02	1.7	0.1	<0.05	4	<0.5	<0.2
1165967	Soil			16	0.12	106	0.009	1	0.83	0.005	0.08	0.2	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1165968	Soil			23	0.12	153	0.008	<1	1.06	0.004	0.07	0.2	<0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1165969	Soil			22	0.13	152	0.007	1	1.07	0.003	0.09	0.2	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1165970	Soil			19	0.20	152	0.013	<1	1.66	0.008	0.08	0.2	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1165971	Soil			25	0.25	199	0.021	1	1.74	0.005	0.08	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1165972	Soil			22	0.23	250	0.014	<1	1.37	0.005	0.08	0.1	0.01	2.5	0.1	<0.05	4	<0.5	<0.2
1165973	Soil			20	0.21	167	0.012	<1	1.28	0.005	0.08	0.2	<0.01	1.9	0.1	<0.05	4	<0.5	<0.2
1165974	Soil			22	0.18	239	0.016	<1	1.25	0.004	0.07	0.1	0.01	2.4	0.1	<0.05	4	0.7	<0.2
1165975	Soil			32	0.35	215	0.025	<1	1.28	0.005	0.07	0.1	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1165976	Soil			15	0.78	195	0.015	<1	1.26	0.003	0.09	0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1165977	Soil			22	0.28	240	0.026	<1	1.51	0.007	0.07	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1165978	Soil			62	0.57	197	0.041	<1	1.56	0.008	0.05	0.2	0.03	2.7	<0.1	<0.05	5	0.6	<0.2
1165979	Soil			35	0.51	309	0.041	<1	1.50	0.010	0.04	0.2	0.06	3.9	<0.1	<0.05	4	0.6	<0.2
1165980	Soil			38	0.76	504	0.052	<1	1.72	0.008	0.10	0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1165981	Soil			80	1.15	356	0.101	1	2.09	0.005	0.46	<0.1	<0.01	3.8	0.3	<0.05	6	<0.5	<0.2

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 Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Golden Predator Canada Corp.**
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Project: DOW
 Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

DAW11000322.2

Method Analyte	1DX15																				
	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	
1165982	Soil	0.6	30.9	7.0	56	<0.1	91.6	14.4	554	2.66	7.3	2.1	2.7	19	0.1	0.6	0.1	62	0.33	0.035	12
1165983	Soil	0.8	21.6	8.0	51	0.1	22.5	8.4	169	2.07	10.3	2.4	2.4	16	0.1	0.8	0.1	47	0.18	0.023	10
1165984	Soil	0.8	32.0	7.8	57	0.1	28.3	8.7	356	2.39	11.0	7.9	3.2	16	0.2	1.0	0.1	52	0.21	0.026	13
1165985	Soil	1.3	24.4	9.9	52	0.1	22.2	6.4	274	2.58	15.8	2.4	2.0	17	0.2	0.7	0.2	63	0.18	0.025	10
1165986	Soil	1.2	26.4	10.4	62	0.1	27.4	9.6	539	2.94	19.7	1.7	1.8	15	0.2	0.9	0.2	62	0.17	0.053	12
1165987	Soil	1.0	20.9	7.0	47	0.1	20.7	6.5	262	2.00	16.6	1.5	0.8	11	0.1	1.0	0.1	43	0.11	0.027	7
1165988	Soil	0.7	34.4	8.5	54	0.1	23.9	8.2	244	2.57	11.7	5.9	3.8	16	0.1	0.6	0.1	56	0.17	0.015	16
1165989	Soil	1.1	24.7	10.5	54	0.1	23.1	12.2	592	2.58	14.9	5.8	2.6	16	0.2	0.7	0.2	60	0.17	0.025	11
1165990	Soil	0.8	26.8	7.9	54	0.2	22.6	9.0	407	2.00	26.5	4.8	1.9	13	0.2	1.4	0.1	43	0.13	0.027	9
1165991	Soil	1.0	24.6	8.1	58	<0.1	22.7	7.3	285	2.38	13.8	2.9	2.4	15	0.2	1.2	0.1	52	0.16	0.023	12
1165992	Soil	0.9	26.0	8.1	52	<0.1	22.0	7.6	335	2.29	9.8	2.4	2.5	18	0.1	0.8	0.1	50	0.20	0.027	13
1165993	Soil	1.0	15.5	8.3	55	0.1	17.3	5.5	240	2.03	22.4	4.3	2.6	11	0.2	0.6	0.2	41	0.11	0.034	13
1165994	Soil	0.9	21.8	23.2	58	<0.1	18.8	7.1	268	2.39	86.3	39.5	4.3	9	0.1	0.7	0.2	41	0.07	0.025	18
1336417	Soil	0.7	9.0	6.8	55	<0.1	15.5	10.0	350	2.24	5.9	2.1	0.9	15	0.1	0.3	0.1	45	0.22	0.047	9
1336418	Soil	1.7	59.1	6.4	83	0.1	54.6	14.1	566	3.25	3.3	1.5	3.6	18	0.1	0.2	0.1	70	0.32	0.071	17
1336419	Soil	1.3	32.5	8.1	62	0.1	27.0	8.4	282	2.55	5.3	1.9	1.9	15	0.2	0.5	0.1	49	0.19	0.057	13
1336420	Soil	0.5	91.4	3.0	180	<0.1	88.6	27.0	515	5.29	2.5	1.4	1.4	22	<0.1	0.2	<0.1	130	0.66	0.230	12
1336421	Soil	0.4	76.3	2.5	66	<0.1	295.6	29.6	1435	3.80	10.9	3.0	1.0	9	0.1	<0.1	<0.1	81	0.30	0.046	5
1336422	Soil	0.5	62.6	3.3	113	0.1	123.1	26.6	1508	4.57	1.6	4.5	1.1	23	0.2	0.2	<0.1	96	0.94	0.243	11
1336423	Soil	1.0	29.1	9.9	88	0.2	44.5	13.3	788	2.75	12.0	4.3	2.1	22	0.3	0.7	0.2	49	0.68	0.087	17
1336424	Soil	1.2	30.5	10.9	70	0.3	23.1	13.4	899	2.39	34.8	7.8	0.9	22	0.3	1.3	0.2	37	0.34	0.074	13
1336425	Soil	1.6	46.4	13.7	126	0.2	53.8	16.0	507	3.74	34.5	2.3	6.3	22	0.4	1.8	0.3	44	0.21	0.070	24
1336426	Soil	1.0	30.8	12.3	79	0.2	36.3	12.3	449	2.99	17.5	3.5	4.3	15	0.1	0.7	0.3	43	0.17	0.054	23
1336427	Soil	1.2	24.3	14.9	84	<0.1	30.5	13.5	656	3.25	19.6	2.3	4.4	11	0.3	0.9	0.3	45	0.09	0.040	21
1336428	Soil	1.9	35.9	10.9	77	<0.1	35.1	8.0	269	3.73	22.4	2.7	4.1	9	0.2	1.1	0.2	54	0.07	0.058	15
1336429	Soil	1.5	23.7	14.5	77	0.4	33.3	20.7	751	3.34	20.3	3.7	2.1	17	0.2	1.1	0.2	53	0.24	0.081	14
1336430	Soil	3.6	31.0	19.5	78	0.5	23.5	5.6	237	5.41	70.1	9.9	5.5	19	0.1	4.5	0.3	45	0.07	0.095	18
1336431	Soil	2.0	20.0	32.2	71	0.5	18.6	6.7	165	3.88	339.8	9.8	12.8	19	0.1	2.4	0.3	11	0.35	0.037	38
1336432	Soil	3.1	68.5	27.0	133	0.3	54.3	21.2	1660	5.10	282.1	2.2	12.2	26	0.3	2.8	0.4	28	0.39	0.047	37
1336433	Soil	1.8	18.2	13.3	43	0.3	14.9	5.7	147	2.45	32.4	0.7	2.5	10	0.2	1.4	0.2	54	0.07	0.024	10

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

Project: DOW
 Report Date: November 03, 2011

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1165982	Soil	137	1.39	295	0.057	<1	2.06	0.008	0.06	0.1	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1165983	Soil	31	0.49	233	0.046	<1	1.48	0.009	0.05	0.2	0.02	2.9	<0.1	<0.05	4	<0.5	<0.2
1165984	Soil	39	0.50	270	0.052	<1	1.44	0.009	0.05	0.3	0.05	4.5	<0.1	<0.05	4	<0.5	<0.2
1165985	Soil	31	0.39	278	0.041	1	2.03	0.009	0.07	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1165986	Soil	39	0.47	214	0.038	1	1.88	0.006	0.06	0.6	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1165987	Soil	23	0.21	131	0.032	<1	1.17	0.010	0.06	0.5	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1165988	Soil	34	0.50	278	0.051	<1	1.75	0.011	0.05	0.1	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1165989	Soil	34	0.43	262	0.044	<1	1.73	0.008	0.06	0.4	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1165990	Soil	24	0.22	173	0.032	<1	1.05	0.008	0.04	0.3	0.02	3.0	0.1	<0.05	4	0.6	<0.2
1165991	Soil	31	0.42	251	0.042	<1	1.67	0.007	0.05	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1165992	Soil	31	0.39	290	0.046	<1	1.62	0.008	0.05	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1165993	Soil	23	0.22	135	0.034	<1	1.28	0.006	0.06	0.2	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1165994	Soil	24	0.24	122	0.028	1	1.10	0.004	0.05	0.1	0.03	3.2	<0.1	<0.05	3	0.9	<0.2
1336417	Soil	23	0.27	161	0.033	2	1.33	0.008	0.04	<0.1	0.05	1.7	<0.1	<0.05	4	<0.5	<0.2
1336418	Soil	83	1.65	458	0.070	<1	2.27	0.007	0.45	<0.1	<0.01	5.3	0.2	<0.05	7	0.8	<0.2
1336419	Soil	34	0.45	241	0.032	1	1.54	0.008	0.06	<0.1	0.03	3.5	<0.1	<0.05	5	0.6	<0.2
1336420	Soil	62	1.21	523	0.093	<1	2.74	0.007	0.77	<0.1	<0.01	7.1	0.1	<0.05	12	0.5	<0.2
1336421	Soil	275	3.51	421	0.105	<1	2.94	0.009	0.43	<0.1	<0.01	5.9	0.1	<0.05	10	<0.5	<0.2
1336422	Soil	138	1.48	386	0.126	1	2.43	0.009	0.47	<0.1	0.02	7.6	<0.1	<0.05	9	0.5	<0.2
1336423	Soil	39	0.52	237	0.019	<1	1.33	0.008	0.06	0.1	0.03	3.8	<0.1	<0.05	4	0.5	<0.2
1336424	Soil	28	0.29	234	0.012	3	1.33	0.009	0.07	0.2	0.08	2.7	0.2	<0.05	4	0.5	<0.2
1336425	Soil	59	0.53	199	0.022	2	1.06	0.006	0.12	0.2	0.04	6.0	0.2	<0.05	3	0.5	<0.2
1336426	Soil	45	0.48	225	0.016	2	1.36	0.006	0.07	0.2	0.04	3.5	0.1	<0.05	4	<0.5	<0.2
1336427	Soil	28	0.31	138	0.021	1	1.32	0.006	0.07	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
1336428	Soil	40	0.32	77	0.030	<1	1.22	0.005	0.06	0.2	0.02	3.9	0.1	<0.05	4	<0.5	<0.2
1336429	Soil	41	0.51	196	0.014	<1	1.40	0.008	0.05	0.2	0.08	3.5	0.2	<0.05	5	<0.5	<0.2
1336430	Soil	28	0.14	266	0.013	2	0.63	0.008	0.24	0.3	0.29	2.7	0.9	0.53	4	2.8	<0.2
1336431	Soil	11	0.08	64	0.001	1	0.34	0.004	0.09	0.1	0.02	1.6	0.1	0.10	<1	1.5	<0.2
1336432	Soil	17	0.25	167	0.002	<1	0.99	0.007	0.12	0.2	0.05	4.1	0.2	0.08	2	1.4	<0.2
1336433	Soil	18	0.16	105	0.017	<1	1.27	0.007	0.04	0.2	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**

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

Project: DOW
Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	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	%	%	%
		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	
1336434	Soil	2.8	41.6	31.8	136	0.3	40.1	10.1	221	4.24	201.0	1.1	11.7	24	0.4	2.2	0.3	28	0.04	0.075	40
1336435	Soil	1.6	32.6	12.7	91	0.3	43.8	15.6	683	4.06	83.8	14.9	4.2	13	0.3	1.8	0.2	50	0.13	0.056	19
1336436	Soil	1.7	30.9	12.1	63	<0.1	29.7	11.8	387	3.08	50.1	3.8	4.0	13	0.2	1.4	0.2	46	0.06	0.030	12
1336437	Soil	1.7	26.5	10.4	103	0.2	41.9	12.5	281	3.42	10.6	<0.5	0.7	7	0.5	1.3	0.1	63	0.05	0.049	7
1336438	Soil	1.3	7.7	27.0	42	0.1	8.8	4.1	248	1.50	72.3	25.6	9.6	11	0.2	1.1	0.2	21	0.11	0.019	18
1336439	Soil	1.3	10.2	30.5	45	0.2	12.0	4.1	196	1.59	25.8	11.5	10.4	15	0.1	1.0	0.3	23	0.18	0.026	28
1336440	Soil	1.6	14.3	32.7	53	0.2	14.9	7.5	326	2.31	280.9	89.2	12.0	15	0.2	1.1	0.3	35	0.13	0.028	31
1336441	Soil	1.0	10.7	14.3	21	<0.1	4.7	2.1	118	1.38	59.4	5.6	0.3	9	<0.1	0.6	0.2	29	0.04	0.021	10
1336442	Soil	0.8	40.5	8.8	68	0.1	96.1	15.2	392	2.75	10.0	4.2	3.4	24	0.2	0.6	0.1	59	0.41	0.059	13
1336443	Soil	0.6	35.2	8.2	66	0.1	118.9	12.7	347	2.56	9.6	5.2	3.2	25	0.2	0.7	0.2	52	0.44	0.054	13
1336444	Soil	0.8	40.8	7.1	93	<0.1	50.7	13.2	251	3.41	5.2	1.7	2.2	24	<0.1	0.4	<0.1	74	0.41	0.100	12
1336445	Soil	0.9	87.4	1.6	210	<0.1	82.2	28.3	413	5.56	1.0	1.0	0.8	42	<0.1	0.3	<0.1	111	0.92	0.428	16
1336446	Soil	1.0	25.0	11.7	49	<0.1	40.3	11.0	313	2.46	10.6	1.5	3.7	20	<0.1	0.7	0.2	52	0.23	0.023	13
1336447	Soil	1.1	27.9	9.3	55	0.1	24.1	7.4	292	2.21	10.3	2.6	3.1	23	<0.1	0.7	0.1	46	0.31	0.037	13
1336448	Soil	1.3	31.3	12.5	57	0.1	30.5	9.8	403	2.50	13.7	3.2	4.1	23	0.1	0.9	0.2	57	0.27	0.027	13
1336449	Soil	1.0	31.7	10.0	54	<0.1	29.0	9.9	384	2.52	15.3	7.2	4.2	24	<0.1	0.9	0.2	55	0.31	0.031	15
1336450	Soil	1.0	34.8	13.6	58	0.3	43.7	12.0	471	2.55	15.6	10.6	3.6	21	<0.1	1.3	0.2	52	0.29	0.035	12
1336451	Soil	1.0	28.2	9.9	69	<0.1	26.1	9.3	345	2.55	13.1	4.7	4.2	21	0.1	1.1	0.2	50	0.21	0.025	14
1336452	Soil	1.0	30.6	12.8	62	<0.1	29.1	8.0	348	2.21	22.8	5.7	4.9	18	0.1	1.5	0.2	42	0.16	0.026	18
1336453	Soil	1.2	24.7	11.6	59	<0.1	26.6	8.7	388	2.60	18.6	2.2	3.9	19	0.2	1.6	0.2	52	0.16	0.027	13
1336454	Soil	1.3	23.5	13.6	59	0.2	23.6	8.5	498	2.35	17.1	5.3	3.4	18	0.2	1.0	0.2	49	0.19	0.040	16
1336455	Soil	1.1	21.8	14.5	57	0.1	18.9	5.7	238	2.20	29.5	18.7	4.7	10	0.2	0.6	0.2	38	0.07	0.025	15
1336456	Soil	1.0	23.8	12.0	68	<0.1	18.6	6.3	269	2.39	21.7	2.8	5.0	11	0.1	0.6	0.2	40	0.09	0.027	17
1336457	Soil	1.6	30.6	16.5	55	<0.1	18.6	6.2	222	2.15	59.9	9.3	10.0	11	0.2	0.7	0.3	32	0.06	0.029	27
1336458	Soil	1.0	21.7	15.8	44	<0.1	15.0	5.4	214	2.07	45.2	7.2	9.5	13	<0.1	0.6	0.3	36	0.09	0.020	20
1336459	Soil	1.5	26.2	15.2	61	0.2	24.8	8.6	277	2.95	22.8	2.0	7.1	15	<0.1	0.6	0.2	65	0.12	0.022	13
1336460	Soil	1.4	25.2	21.2	64	0.2	21.4	9.2	368	2.94	27.6	4.5	9.4	11	0.3	0.6	0.4	52	0.08	0.026	16
1336461	Soil	1.1	11.2	21.2	53	0.3	9.9	8.4	704	2.07	18.8	1.1	5.7	11	0.3	0.4	0.3	42	0.06	0.036	19
1336462	Soil	1.2	9.6	24.9	48	<0.1	8.0	4.1	214	2.34	24.9	<0.5	11.5	9	<0.1	0.5	0.5	25	0.04	0.038	26
1336463	Soil	0.9	22.8	11.8	53	<0.1	23.8	9.0	296	2.82	20.5	10.0	6.1	15	0.2	0.6	0.2	54	0.11	0.025	13

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**
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 Vancouver BC V6C 3K4 Canada

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	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
1336434	Soil	19	0.14	145	0.010	1	1.09	0.005	0.09	0.2	0.02	2.9	0.1	0.08	2	1.1	<0.2
1336435	Soil	28	0.19	217	0.007	1	1.13	0.006	0.08	0.3	0.03	7.0	0.1	<0.05	3	<0.5	<0.2
1336436	Soil	25	0.22	151	0.011	1	1.44	0.005	0.07	0.3	0.02	3.1	0.1	<0.05	3	<0.5	<0.2
1336437	Soil	33	0.34	78	0.012	2	0.89	0.007	0.05	0.1	0.03	4.7	0.1	<0.05	4	<0.5	<0.2
1336438	Soil	14	0.18	263	0.014	<1	0.65	0.005	0.08	0.6	0.02	1.3	<0.1	<0.05	2	<0.5	<0.2
1336439	Soil	18	0.24	325	0.017	<1	0.82	0.005	0.07	0.4	0.03	1.9	<0.1	<0.05	3	0.6	<0.2
1336440	Soil	21	0.31	316	0.023	2	1.31	0.006	0.09	0.6	0.02	2.4	0.1	<0.05	3	<0.5	<0.2
1336441	Soil	11	0.07	100	0.021	1	0.79	0.009	0.04	0.3	0.02	0.6	<0.1	<0.05	4	<0.5	<0.2
1336442	Soil	109	1.03	349	0.080	<1	1.66	0.015	0.14	0.3	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1336443	Soil	124	1.00	305	0.068	1	1.69	0.013	0.07	0.2	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1336444	Soil	56	0.76	310	0.083	<1	1.80	0.012	0.19	0.2	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
1336445	Soil	69	0.96	483	0.103	1	2.29	0.008	0.70	<0.1	0.01	8.1	0.1	<0.05	11	<0.5	<0.2
1336446	Soil	48	0.52	263	0.053	1	1.58	0.011	0.04	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1336447	Soil	30	0.46	299	0.056	2	1.42	0.013	0.04	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1336448	Soil	44	0.53	297	0.065	2	1.59	0.014	0.05	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1336449	Soil	44	0.57	302	0.060	<1	1.56	0.012	0.05	0.2	0.05	5.3	<0.1	<0.05	5	<0.5	<0.2
1336450	Soil	50	0.49	267	0.045	2	1.26	0.011	0.06	0.3	0.04	4.4	<0.1	<0.05	4	<0.5	<0.2
1336451	Soil	33	0.51	326	0.044	<1	1.53	0.011	0.05	0.2	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1336452	Soil	29	0.34	261	0.041	<1	1.09	0.008	0.05	0.4	0.05	4.3	<0.1	<0.05	3	<0.5	<0.2
1336453	Soil	35	0.38	254	0.039	1	1.40	0.009	0.05	0.3	0.03	3.3	<0.1	<0.05	4	<0.5	<0.2
1336454	Soil	35	0.38	293	0.036	2	1.50	0.009	0.05	0.3	0.06	3.8	0.1	<0.05	4	<0.5	<0.2
1336455	Soil	22	0.24	144	0.029	1	1.02	0.006	0.05	0.1	0.02	2.9	0.1	<0.05	3	0.6	<0.2
1336456	Soil	25	0.30	135	0.039	1	1.04	0.006	0.05	0.1	0.03	3.0	<0.1	<0.05	3	<0.5	<0.2
1336457	Soil	18	0.19	127	0.022	1	0.90	0.004	0.07	0.2	0.03	2.8	0.1	<0.05	2	<0.5	<0.2
1336458	Soil	21	0.27	123	0.028	<1	1.12	0.006	0.07	0.1	0.02	3.0	0.1	<0.05	3	<0.5	<0.2
1336459	Soil	40	0.49	219	0.049	1	2.37	0.009	0.06	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1336460	Soil	32	0.39	167	0.024	4	2.15	0.008	0.09	0.2	0.01	2.9	0.2	<0.05	6	0.8	<0.2
1336461	Soil	19	0.24	139	0.026	1	1.46	0.009	0.08	0.2	<0.01	1.6	0.1	<0.05	5	<0.5	<0.2
1336462	Soil	14	0.16	81	0.006	1	1.35	0.005	0.11	0.2	<0.01	2.0	0.2	<0.05	4	<0.5	<0.2
1336463	Soil	33	0.50	196	0.057	2	1.94	0.009	0.07	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Golden Predator Canada Corp.

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

Project: DOW

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Method Analyte	Unit																				
	1DX15 Mo ppm MDL	1DX15 Cu ppm MDL	1DX15 Pb ppm MDL	1DX15 Zn ppm MDL	1DX15 Ag ppm MDL	1DX15 Ni ppm MDL	1DX15 Co ppm MDL	1DX15 Mn ppm MDL	1DX15 Fe % MDL	1DX15 As ppm MDL	1DX15 Au ppb MDL	1DX15 Th ppm MDL	1DX15 Sr ppm MDL	1DX15 Cd ppm MDL	1DX15 Sb ppm MDL	1DX15 Bi ppm MDL	1DX15 V ppm MDL	1DX15 Ca % MDL	1DX15 P % MDL	1DX15 La ppm MDL	
1336464	Soil	1.2	8.4	22.1	45	0.1	6.6	4.4	397	1.80	30.4	1.0	8.5	8	0.2	0.4	0.3	24	0.03	0.042	28
1336465	Soil	1.6	17.9	17.4	59	0.2	17.3	5.3	200	2.35	23.3	5.9	7.8	12	0.2	0.6	0.3	39	0.07	0.032	21
1336466	Soil	1.7	18.1	20.3	69	0.1	22.8	10.1	306	2.86	24.3	1.6	6.2	18	0.1	0.5	0.3	59	0.15	0.047	16
1336467	Soil	1.3	14.2	18.1	58	0.3	16.6	5.8	259	2.40	18.5	1.1	6.9	14	0.2	0.4	0.3	43	0.12	0.034	18
1336468	Soil	1.6	17.5	17.4	63	0.3	19.2	7.0	386	2.40	16.6	4.0	6.0	17	<0.1	0.6	0.3	45	0.13	0.033	15
1336469	Soil	1.1	13.9	13.1	41	0.1	12.7	4.6	221	1.79	14.7	1.9	2.4	11	<0.1	0.4	0.2	38	0.07	0.029	10
1336470	Soil	1.1	27.4	20.7	72	0.3	21.1	8.3	450	2.64	19.1	9.2	4.9	23	0.2	0.6	0.3	50	0.21	0.036	21
1336471	Soil	1.5	21.8	22.5	52	0.3	15.7	5.5	236	1.96	18.2	2.9	4.2	20	0.2	0.6	0.2	41	0.18	0.027	20
1336472	Soil	1.4	20.9	22.2	68	0.2	22.3	8.9	363	2.85	32.3	4.1	5.9	20	0.1	0.7	0.4	49	0.17	0.038	17
1336473	Soil	0.9	18.7	15.4	62	0.2	18.8	6.5	223	2.45	18.3	2.5	6.6	17	0.1	0.6	0.3	45	0.19	0.031	16
1336474	Soil	1.1	14.8	21.8	61	0.2	16.7	7.0	346	2.09	11.0	3.0	10.0	24	0.1	0.3	0.3	36	0.28	0.035	27
1336475	Soil	0.8	69.2	26.4	91	0.3	101.8	32.3	740	4.83	17.1	7.8	12.2	24	0.3	0.5	0.3	72	0.35	0.090	32
1336476	Soil	1.2	33.5	19.1	96	0.2	37.3	8.8	312	2.50	30.7	2.9	9.5	31	0.7	0.6	0.2	35	0.17	0.057	36
1336477	Soil	1.1	21.8	14.3	64	0.3	19.1	8.2	346	2.53	15.1	5.8	3.5	19	0.2	0.6	0.2	45	0.20	0.054	18
1336478	Soil	1.2	22.5	19.3	71	0.1	24.1	9.0	354	2.85	16.8	5.8	5.6	18	<0.1	0.5	0.3	52	0.19	0.042	17
1336479	Soil	0.8	20.3	13.2	44	0.8	13.6	7.3	470	1.67	13.0	5.2	0.4	18	0.4	0.4	0.2	34	0.18	0.062	13
1336480	Soil	1.2	30.6	23.7	57	0.4	19.5	13.4	585	2.66	19.9	7.9	5.5	15	0.1	0.5	0.2	49	0.13	0.043	16
1336481	Soil	1.3	20.8	23.8	63	<0.1	18.7	7.2	316	2.45	13.2	2.1	5.6	15	<0.1	0.7	0.2	42	0.15	0.025	18
1336482	Soil	1.2	22.1	19.2	57	0.2	16.6	6.0	188	2.43	27.7	4.7	5.2	11	0.1	0.6	0.2	45	0.08	0.027	17
1336483	Soil	1.3	18.2	29.3	66	<0.1	19.1	7.3	407	2.21	18.5	14.3	13.4	14	<0.1	0.5	0.5	27	0.10	0.045	28
1336484	Soil	1.0	23.4	16.0	62	<0.1	18.6	7.6	308	2.30	13.8	6.1	7.5	15	<0.1	0.6	0.2	40	0.13	0.027	24
1336485	Soil	1.0	24.9	19.6	69	0.3	23.7	9.5	352	2.61	18.2	5.2	11.5	15	0.1	0.6	0.3	46	0.15	0.030	30
1336486	Soil	1.4	15.6	12.9	50	0.3	13.2	5.1	232	2.19	9.6	1.5	3.5	10	0.2	0.5	0.3	53	0.06	0.023	15
1336487	Soil	1.2	41.2	14.0	94	0.1	24.1	10.7	384	2.69	18.7	4.4	10.4	11	0.2	0.7	0.3	32	0.05	0.033	32
1336488	Soil	1.1	30.7	11.3	103	<0.1	33.6	9.7	487	2.78	41.9	2.4	5.6	13	0.2	0.8	0.2	45	0.09	0.027	21
1336489	Soil	1.4	37.8	13.0	120	<0.1	41.0	10.7	527	2.90	44.4	5.6	8.7	14	0.3	0.8	0.2	42	0.09	0.032	28
1336490	Soil	1.1	39.6	12.8	114	<0.1	35.5	11.0	472	3.15	17.5	6.0	5.9	19	0.3	0.8	0.2	61	0.15	0.027	23
1336669	Soil	0.9	12.3	8.4	56	0.1	19.4	8.3	229	2.22	6.3	1.6	1.8	24	0.1	0.3	0.1	40	0.26	0.056	11
1336670	Soil	0.8	13.1	7.8	45	0.1	14.7	6.8	128	1.92	4.2	5.8	1.6	18	0.2	0.3	0.1	43	0.16	0.035	9
1336671	Soil	0.6	14.2	8.2	57	0.1	21.0	9.0	283	2.14	4.3	1.0	1.5	33	0.2	0.4	0.1	40	0.29	0.057	12

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

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Method Analyte	Unit	MDL	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	0.05	1	0.5	0.2	
1336464	Soil		10	0.09	80	0.007	1	0.87	0.006	0.09	0.1	<0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1336465	Soil		19	0.19	145	0.011	1	1.22	0.006	0.08	0.2	0.01	2.6	0.2	<0.05	4	1.0	<0.2
1336466	Soil		31	0.43	237	0.030	<1	1.89	0.008	0.09	0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1336467	Soil		21	0.29	229	0.015	2	1.61	0.008	0.10	0.1	0.03	2.1	0.1	<0.05	5	<0.5	<0.2
1336468	Soil		26	0.36	242	0.024	1	1.59	0.007	0.09	0.1	0.03	2.3	0.1	<0.05	5	0.9	<0.2
1336469	Soil		20	0.23	191	0.033	<1	1.11	0.018	0.06	0.1	<0.01	1.9	0.1	<0.05	4	1.0	<0.2
1336470	Soil		29	0.44	379	0.032	<1	1.69	0.011	0.09	0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1336471	Soil		20	0.27	279	0.028	2	1.20	0.011	0.08	0.2	0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1336472	Soil		29	0.42	289	0.023	1	1.57	0.009	0.09	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1336473	Soil		26	0.42	155	0.038	1	1.38	0.008	0.07	0.2	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1336474	Soil		24	0.47	252	0.029	1	1.31	0.009	0.09	0.1	<0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1336475	Soil		146	1.81	389	0.017	2	2.21	0.006	0.19	0.1	0.05	12.4	0.1	<0.05	7	<0.5	<0.2
1336476	Soil		26	0.38	309	0.026	<1	0.98	0.006	0.07	0.2	0.02	3.5	0.1	<0.05	3	<0.5	<0.2
1336477	Soil		27	0.36	295	0.030	1	1.40	0.009	0.06	0.2	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1336478	Soil		35	0.49	253	0.037	<1	1.75	0.010	0.07	0.2	0.03	3.8	<0.1	<0.05	4	0.6	<0.2
1336479	Soil		16	0.21	251	0.014	<1	1.21	0.014	0.06	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
1336480	Soil		25	0.35	247	0.026	1	1.85	0.012	0.07	0.2	0.02	3.9	0.1	<0.05	6	1.0	<0.2
1336481	Soil		26	0.37	221	0.041	2	1.29	0.009	0.07	0.1	0.02	3.4	0.1	<0.05	4	0.6	<0.2
1336482	Soil		24	0.33	150	0.033	<1	1.37	0.007	0.07	0.2	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1336483	Soil		21	0.24	163	0.018	<1	1.08	0.006	0.11	0.2	0.01	2.5	0.1	<0.05	3	0.8	<0.2
1336484	Soil		26	0.38	191	0.033	<1	1.34	0.007	0.07	0.1	0.02	3.6	0.1	<0.05	4	<0.5	<0.2
1336485	Soil		27	0.46	223	0.032	<1	1.77	0.009	0.09	<0.1	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1336486	Soil		21	0.22	147	0.025	2	1.45	0.009	0.05	0.2	0.02	2.3	0.1	<0.05	5	<0.5	<0.2
1336487	Soil		17	0.22	140	0.021	<1	1.04	0.005	0.11	<0.1	0.02	4.4	0.2	<0.05	3	2.3	<0.2
1336488	Soil		26	0.39	223	0.040	3	1.57	0.008	0.07	0.2	0.03	5.8	0.1	<0.05	4	0.5	<0.2
1336489	Soil		24	0.32	192	0.033	2	1.18	0.007	0.08	0.3	0.04	4.8	0.1	<0.05	3	1.1	<0.2
1336490	Soil		36	0.54	296	0.055	3	2.05	0.012	0.08	0.2	0.07	8.1	0.2	<0.05	5	1.2	<0.2
1336669	Soil		27	0.38	184	0.054	<1	1.36	0.014	0.04	0.2	0.04	2.5	<0.1	<0.05	4	0.7	<0.2
1336670	Soil		25	0.34	138	0.051	1	1.30	0.011	0.04	0.1	0.04	1.9	<0.1	<0.05	5	<0.5	<0.2
1336671	Soil		28	0.42	244	0.041	<1	1.55	0.013	0.04	0.1	0.03	2.5	<0.1	<0.05	4	0.9	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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	Method Analyte Unit MDL	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
1336672	Soil	0.4	14.2	8.5	59	0.1	20.4	9.4	345	2.13	5.4	2.1	1.3	20	0.4	0.3	0.2	50	0.20	0.052	11
1336673	Soil	0.8	34.7	6.6	95	<0.1	51.7	16.0	404	3.63	6.1	2.6	2.4	17	0.1	0.4	0.1	80	0.27	0.105	9
1336674	Soil	0.5	23.8	4.5	70	0.1	57.2	12.6	241	2.13	2.8	1.3	0.5	19	0.2	0.2	0.2	52	0.58	0.088	7
1336675	Soil	0.8	43.1	9.9	62	0.1	36.8	12.2	350	2.60	5.9	2.8	0.9	21	0.1	0.3	0.2	59	0.35	0.076	13
1336676	Soil	1.5	41.0	6.9	60	<0.1	37.0	14.6	213	2.77	4.8	1.1	1.8	18	<0.1	0.3	0.1	69	0.40	0.066	10
1336677	Soil	1.0	30.1	12.8	86	0.2	38.0	12.8	476	2.80	19.7	3.7	2.3	21	0.2	0.6	0.2	56	0.43	0.088	18
1336678	Soil	1.0	25.7	15.4	69	0.3	25.7	12.0	675	2.56	11.3	3.3	3.0	19	0.2	1.0	0.3	54	0.25	0.048	21
1336679	Soil	1.4	37.9	13.0	84	0.2	26.3	12.0	440	2.59	9.4	3.7	4.6	19	0.3	0.8	0.2	42	0.18	0.064	22
1336680	Soil	1.4	32.6	13.6	65	0.3	21.7	9.8	421	2.59	10.6	3.4	1.6	20	0.3	0.7	0.3	47	0.16	0.058	16
1336681	Soil	1.5	16.8	9.4	42	0.3	14.7	5.2	125	2.17	10.6	1.3	0.8	12	0.2	1.0	0.2	47	0.07	0.039	8
1336682	Soil	1.2	16.5	8.8	49	0.2	15.2	7.1	183	2.51	11.3	0.9	1.7	10	0.2	0.6	0.2	63	0.11	0.025	7
1336683	Soil	1.2	13.8	8.7	37	<0.1	14.0	3.6	100	1.87	15.9	3.4	0.7	8	0.1	1.1	0.1	45	0.08	0.037	9
1336684	Soil	1.4	15.1	9.7	38	0.2	12.0	4.1	109	2.07	17.0	1.5	0.9	8	<0.1	2.7	0.2	48	0.07	0.037	9
1336685	Soil	1.2	16.2	8.7	47	<0.1	16.8	7.5	286	2.85	10.0	1.4	1.9	7	0.2	0.6	0.1	63	0.08	0.024	8
1336686	Soil	1.4	21.9	9.7	54	0.1	22.2	11.9	654	2.87	13.8	3.5	2.3	10	0.2	0.7	0.2	60	0.08	0.035	9
1336687	Soil	1.0	16.1	8.7	67	0.2	22.1	9.7	283	2.68	12.9	3.0	1.2	13	0.2	0.9	0.1	57	0.17	0.049	9
1336688	Soil	0.9	20.4	9.0	67	0.2	20.9	12.5	518	2.62	9.7	3.3	1.4	15	0.2	0.7	0.1	51	0.25	0.055	10
1336689	Soil	0.9	20.4	9.6	67	0.2	20.0	12.8	771	2.35	8.6	3.8	1.4	13	0.3	0.5	0.2	48	0.19	0.048	12
1336690	Soil	1.1	18.3	9.7	43	0.2	17.1	7.7	467	2.79	11.0	1.4	1.6	8	<0.1	0.5	0.2	59	0.08	0.047	8
1336691	Soil	0.9	13.1	7.5	51	0.1	20.1	7.6	296	2.10	8.6	2.5	1.4	6	0.2	0.5	0.1	45	0.07	0.049	7
1336692	Soil	1.6	36.8	22.3	112	0.4	89.0	20.6	798	3.79	73.5	3.3	8.0	28	0.7	0.4	0.2	49	0.54	0.069	26
1336693	Soil	1.0	39.1	6.8	67	<0.1	54.7	12.0	309	3.16	8.0	5.0	2.8	19	<0.1	0.5	0.1	68	0.36	0.075	13
1336694	Soil	1.2	43.6	6.0	85	<0.1	57.4	11.7	265	3.05	5.4	2.7	2.7	22	<0.1	0.5	0.1	63	0.46	0.127	15
1336695	Soil	1.0	32.3	8.0	75	<0.1	45.6	11.3	324	2.99	9.7	3.6	2.6	20	<0.1	0.7	0.1	63	0.38	0.073	13
1336696	Soil	0.7	56.8	3.5	178	<0.1	83.2	24.4	303	4.33	2.8	1.0	0.9	17	<0.1	0.2	<0.1	106	0.64	0.228	11
1336697	Soil	0.5	71.3	5.5	83	0.1	91.7	16.4	565	4.37	26.3	3.9	1.4	20	<0.1	4.3	<0.1	82	0.58	0.124	9
1336698	Soil	0.7	27.9	8.0	90	<0.1	41.4	9.7	651	2.67	19.9	1.3	2.8	19	0.6	2.0	0.1	48	0.46	0.090	13
1336699	Soil	0.6	32.7	9.0	58	0.3	37.0	8.4	720	2.14	11.5	2.1	1.0	38	0.6	0.8	0.1	44	4.27	0.076	13
1336700	Soil	1.2	43.2	10.0	89	0.2	47.3	10.8	301	2.97	21.9	10.8	4.4	9	0.2	3.0	0.2	30	0.30	0.044	19
1336701	Soil	1.2	21.8	12.9	57	0.2	21.6	9.1	167	2.88	21.7	4.6	4.3	16	0.2	0.6	0.2	63	0.17	0.019	14



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

Project: DOW
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CERTIFICATE OF ANALYSIS

DAW11000322.2

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		
				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	
1336672	Soil			30	0.39	200	0.045	2	1.52	0.011	0.04	<0.1	0.05	2.3	<0.1	<0.05	5	0.8	<0.2
1336673	Soil			45	0.75	135	0.091	1	1.83	0.011	0.18	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1336674	Soil			77	0.80	319	0.068	2	1.43	0.020	0.07	<0.1	0.02	2.5	<0.1	0.05	6	<0.5	<0.2
1336675	Soil			38	0.55	214	0.037	2	1.72	0.012	0.06	0.1	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1336676	Soil			44	0.71	142	0.076	1	1.68	0.015	0.07	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1336677	Soil			46	0.67	201	0.030	2	1.69	0.010	0.07	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1336678	Soil			33	0.47	313	0.021	1	1.80	0.010	0.06	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1336679	Soil			25	0.37	159	0.028	1	1.32	0.007	0.07	0.3	0.02	3.2	0.2	<0.05	4	0.6	<0.2
1336680	Soil			27	0.33	195	0.025	2	1.80	0.015	0.07	0.2	0.05	3.0	0.2	<0.05	5	0.6	<0.2
1336681	Soil			19	0.18	131	0.033	<1	1.05	0.010	0.04	0.2	0.02	1.5	0.1	<0.05	4	<0.5	<0.2
1336682	Soil			26	0.22	202	0.029	<1	1.89	0.007	0.04	<0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1336683	Soil			20	0.16	80	0.030	2	0.85	0.006	0.04	<0.1	0.03	1.5	<0.1	<0.05	5	0.8	<0.2
1336684	Soil			20	0.16	102	0.022	<1	1.06	0.006	0.05	0.1	0.10	1.8	0.1	<0.05	5	0.7	<0.2
1336685	Soil			30	0.29	115	0.035	<1	1.96	0.005	0.05	<0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1336686	Soil			30	0.26	145	0.038	<1	1.70	0.007	0.05	<0.1	0.04	2.8	0.1	<0.05	6	0.7	<0.2
1336687	Soil			31	0.47	169	0.026	1	1.58	0.006	0.05	0.1	0.06	2.8	0.1	<0.05	5	<0.5	<0.2
1336688	Soil			30	0.43	252	0.021	<1	1.55	0.008	0.05	<0.1	0.05	3.8	0.1	<0.05	5	<0.5	<0.2
1336689	Soil			26	0.43	250	0.015	<1	1.67	0.006	0.05	<0.1	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
1336690	Soil			25	0.18	95	0.032	1	2.29	0.007	0.04	<0.1	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1336691	Soil			20	0.18	75	0.026	<1	1.33	0.006	0.04	<0.1	0.02	1.8	<0.1	<0.05	4	0.6	<0.2
1336692	Soil			101	1.18	227	0.035	<1	1.62	0.006	0.12	0.1	0.03	6.6	0.2	<0.05	5	0.5	<0.2
1336693	Soil			66	0.65	274	0.053	<1	1.86	0.007	0.06	<0.1	0.04	5.5	<0.1	<0.05	6	0.8	<0.2
1336694	Soil			62	0.77	338	0.055	<1	1.71	0.007	0.14	<0.1	0.04	5.5	<0.1	<0.05	6	0.6	<0.2
1336695	Soil			51	0.59	269	0.051	<1	1.62	0.009	0.07	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1336696	Soil			60	1.02	263	0.101	<1	2.38	0.009	0.62	<0.1	<0.01	5.3	<0.1	<0.05	11	<0.5	<0.2
1336697	Soil			95	0.77	311	0.035	<1	1.58	0.006	0.20	0.1	0.05	11.5	0.1	<0.05	6	<0.5	<0.2
1336698	Soil			34	0.34	233	0.027	1	0.97	0.009	0.07	0.2	0.05	5.2	<0.1	<0.05	3	<0.5	<0.2
1336699	Soil			35	0.25	267	0.011	1	1.37	0.010	0.05	<0.1	0.06	3.3	<0.1	0.06	4	0.6	<0.2
1336700	Soil			23	0.09	157	0.003	<1	0.66	0.005	0.06	0.1	0.03	3.9	<0.1	<0.05	2	<0.5	<0.2
1336701	Soil			36	0.49	296	0.038	<1	1.91	0.010	0.07	<0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2

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Method	Analyte	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
Unit	MDL																				
MDL																					
1336702	Soil	0.9	28.1	13.2	55	0.2	19.8	8.3	264	2.39	27.3	7.8	6.0	14	<0.1	0.5	0.2	47	0.14	0.017	20
1336703	Soil	1.2	18.6	15.2	52	0.2	16.0	5.3	236	2.11	57.4	9.1	5.5	13	0.1	0.5	0.2	35	0.15	0.030	18
1336704	Soil	1.1	12.3	11.3	45	0.2	13.9	8.5	320	2.36	31.2	2.7	3.6	10	0.1	0.4	0.2	54	0.10	0.028	12
1336705	Soil	1.2	23.2	17.4	51	0.2	22.1	6.5	183	2.31	223.6	15.5	6.1	12	<0.1	0.5	0.2	39	0.12	0.024	16
1336706	Soil	1.0	7.9	11.7	45	0.1	10.0	4.0	100	1.84	60.3	2.8	4.8	8	0.1	0.4	0.2	40	0.08	0.022	15
1336707	Soil	0.9	10.3	15.5	44	0.1	12.3	5.3	127	1.94	37.0	6.7	7.2	10	<0.1	0.4	0.2	33	0.09	0.043	18
1336708	Soil	0.9	15.9	9.0	51	<0.1	20.7	7.7	191	2.30	20.9	1.3	3.6	13	<0.1	0.4	0.1	50	0.14	0.020	11
1336709	Soil	1.3	19.8	12.5	51	<0.1	18.9	7.1	303	2.07	36.9	3.9	5.4	12	<0.1	0.5	0.2	40	0.11	0.028	15
1336710	Soil	1.3	27.1	11.8	59	0.1	27.8	8.3	246	2.78	56.3	13.8	4.2	20	0.2	0.8	0.2	57	0.15	0.034	13
1336711	Soil	1.4	27.8	13.2	55	0.2	25.8	10.4	359	2.75	100.0	20.3	4.1	20	0.1	0.9	0.2	63	0.17	0.028	14
1336712	Soil	1.4	30.5	10.7	61	0.3	25.7	7.6	242	2.61	63.9	15.1	3.3	27	<0.1	1.0	0.2	58	0.20	0.026	14
1336713	Soil	1.8	38.2	11.8	68	0.2	28.0	8.5	322	2.97	191.5	38.5	4.8	16	<0.1	1.2	0.2	62	0.10	0.034	13
1336714	Soil	1.5	38.6	11.2	66	0.1	28.3	9.5	318	3.08	64.4	21.4	5.2	30	<0.1	1.1	0.2	65	0.26	0.029	18
1336715	Soil	1.6	30.9	11.5	56	0.2	24.4	8.0	215	2.66	88.3	38.6	4.6	17	0.2	0.8	0.2	58	0.12	0.037	16
1336716	Soil	1.7	27.4	13.3	52	0.3	23.7	8.3	265	2.51	49.6	10.2	3.0	19	0.1	0.7	0.2	60	0.13	0.044	13
1336717	Soil	1.3	27.9	17.3	64	0.1	26.8	9.2	370	2.54	21.4	7.7	9.5	25	<0.1	0.5	0.2	44	0.26	0.037	26
1336718	Soil	1.5	17.4	13.3	49	0.5	16.1	6.5	391	1.97	13.0	5.6	4.8	16	0.1	0.5	0.3	37	0.14	0.026	16
1336719	Soil	1.0	25.8	14.7	59	0.2	24.2	10.1	630	2.69	15.5	5.1	7.4	33	0.2	0.5	0.2	51	0.32	0.030	23
1336720	Soil	1.2	23.1	24.2	63	0.2	21.5	8.6	392	2.75	18.9	6.1	9.4	20	0.3	0.6	0.2	50	0.18	0.031	22
1336721	Soil	0.6	10.4	18.1	40	0.2	10.2	3.0	170	1.43	6.5	3.9	6.1	17	<0.1	0.3	0.2	27	0.16	0.013	18
1336722	Soil	0.9	25.6	15.0	59	0.1	24.1	8.7	356	2.48	14.0	7.5	8.5	30	0.1	0.6	0.2	48	0.29	0.031	25
1336723	Soil	1.0	15.0	16.2	49	0.1	15.4	6.6	235	2.13	11.8	5.7	6.4	20	0.2	0.4	0.2	43	0.19	0.026	25
1336724	Soil	1.2	9.2	38.1	59	0.2	11.8	3.9	232	1.85	154.2	10.5	4.4	15	0.2	0.4	0.4	34	0.11	0.028	12
1336725	Soil	1.3	7.8	28.2	52	0.2	8.4	3.4	224	1.74	23.1	9.2	6.1	16	0.3	0.3	0.3	31	0.15	0.019	20
1336726	Soil	0.9	6.4	15.8	43	0.1	7.2	2.9	120	1.77	40.8	6.1	4.0	10	0.2	0.4	0.2	41	0.07	0.014	11
1336727	Soil	1.2	25.2	15.9	62	0.2	21.4	12.8	778	2.72	24.9	8.7	3.7	22	0.2	0.8	0.3	50	0.23	0.055	18
1336728	Soil	1.1	25.5	14.8	72	0.1	22.8	9.1	416	2.65	40.0	4.5	6.1	19	0.3	0.7	0.2	49	0.17	0.047	19
1336729	Soil	1.1	19.1	14.4	62	0.1	17.2	9.6	440	2.74	36.5	2.2	3.7	16	<0.1	0.7	0.3	52	0.13	0.050	14
1336730	Soil	1.2	21.0	18.5	69	0.1	19.2	10.2	366	2.75	18.2	2.7	4.7	17	<0.1	0.5	0.2	53	0.14	0.046	18
1336731	Soil	1.0	20.0	15.0	59	0.1	18.7	7.8	269	2.39	11.1	9.4	3.9	17	0.2	0.6	0.2	48	0.15	0.037	18

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	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		
1336702	Soil	28	0.38	315	0.030	1	1.59	0.007	0.07	<0.1	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2	
1336703	Soil	19	0.18	175	0.017	2	1.00	0.006	0.08	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2	
1336704	Soil	23	0.21	215	0.020	<1	1.60	0.006	0.07	<0.1	0.01	2.3	0.1	<0.05	5	0.7	<0.2	
1336705	Soil	24	0.26	179	0.016	<1	1.26	0.005	0.09	<0.1	0.02	2.7	0.1	<0.05	3	<0.5	<0.2	
1336706	Soil	14	0.13	152	0.007	<1	1.39	0.007	0.07	<0.1	0.02	1.9	0.2	<0.05	5	<0.5	<0.2	
1336707	Soil	18	0.19	126	0.017	<1	1.07	0.004	0.12	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2	
1336708	Soil	27	0.45	187	0.038	<1	1.41	0.006	0.10	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2	
1336709	Soil	30	0.22	177	0.024	<1	1.15	0.009	0.08	<0.1	0.02	2.8	<0.1	<0.05	3	<0.5	<0.2	
1336710	Soil	30	0.45	270	0.032	2	1.73	0.009	0.08	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2	
1336711	Soil	37	0.46	309	0.047	2	1.95	0.012	0.08	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2	
1336712	Soil	33	0.46	244	0.040	2	1.47	0.009	0.08	0.2	0.02	3.2	<0.1	<0.05	5	0.7	<0.2	
1336713	Soil	33	0.41	183	0.033	2	1.62	0.007	0.09	0.1	0.03	3.6	0.1	<0.05	5	0.5	0.2	
1336714	Soil	43	0.58	360	0.075	<1	1.84	0.015	0.08	0.2	0.06	7.3	<0.1	<0.05	5	0.6	<0.2	
1336715	Soil	34	0.39	245	0.029	<1	1.41	0.007	0.07	0.2	0.03	3.0	<0.1	<0.05	4	0.8	<0.2	
1336716	Soil	31	0.32	238	0.037	4	1.28	0.010	0.08	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2	
1336717	Soil	35	0.68	276	0.048	<1	1.44	0.009	0.11	0.1	0.03	4.2	0.1	<0.05	4	<0.5	<0.2	
1336718	Soil	19	0.33	220	0.033	1	1.18	0.011	0.11	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2	
1336719	Soil	33	0.55	340	0.051	2	1.62	0.015	0.09	0.1	0.03	4.0	0.1	<0.05	5	0.6	<0.2	
1336720	Soil	36	0.54	277	0.043	1	1.72	0.007	0.09	0.1	0.01	3.3	<0.1	<0.05	5	0.7	<0.2	
1336721	Soil	15	0.42	243	0.033	<1	1.17	0.012	0.07	0.1	0.01	2.2	<0.1	<0.05	4	<0.5	<0.2	
1336722	Soil	36	0.49	426	0.060	<1	1.58	0.011	0.08	0.1	0.04	4.7	<0.1	<0.05	4	<0.5	<0.2	
1336723	Soil	24	0.35	309	0.047	2	1.42	0.010	0.08	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2	
1336724	Soil	16	0.25	244	0.027	<1	1.15	0.008	0.08	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2	
1336725	Soil	13	0.23	452	0.017	<1	1.01	0.007	0.09	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2	
1336726	Soil	14	0.18	214	0.028	<1	1.04	0.007	0.07	0.2	0.02	1.2	<0.1	<0.05	5	<0.5	<0.2	
1336727	Soil	30	0.33	237	0.029	1	1.47	0.009	0.08	0.2	0.04	3.8	0.2	<0.05	5	<0.5	<0.2	
1336728	Soil	30	0.40	206	0.039	2	1.37	0.008	0.07	0.1	0.04	4.5	0.1	<0.05	4	<0.5	<0.2	
1336729	Soil	28	0.36	176	0.034	<1	1.51	0.007	0.07	0.2	0.04	3.1	0.1	<0.05	5	0.6	<0.2	
1336730	Soil	29	0.40	191	0.041	2	1.61	0.008	0.07	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2	
1336731	Soil	27	0.39	182	0.040	<1	1.36	0.009	0.06	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2	

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			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	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	
1336732	Soil		1.0	19.2	16.5	53	0.2	16.1	7.5	269	2.17	13.9	2.8	2.5	22	0.2	0.5	0.2	48	0.20	0.034	17
1336733	Soil		1.1	22.6	15.8	64	<0.1	20.1	8.1	325	2.44	18.3	5.5	6.5	14	<0.1	0.7	0.2	46	0.11	0.029	20
1336734	Soil		1.1	19.8	31.5	50	0.1	13.9	4.7	194	2.16	17.9	5.3	4.8	10	0.1	0.7	0.2	38	0.06	0.024	16
1336735	Soil		1.0	21.8	28.8	66	0.2	12.7	4.3	211	2.06	16.4	10.2	6.9	8	<0.1	0.6	0.2	30	0.05	0.028	21
1336736	Soil		1.0	33.6	20.4	62	0.1	25.3	9.3	314	2.82	25.7	7.1	7.1	17	0.2	0.7	0.2	58	0.12	0.018	23
1336737	Soil		1.1	27.7	16.9	96	<0.1	21.6	8.3	444	2.72	16.7	4.4	7.1	15	<0.1	0.6	0.2	44	0.12	0.023	27
1336738	Soil		0.8	29.7	42.7	56	<0.1	14.9	2.9	116	1.72	8.0	6.4	3.8	10	0.2	0.5	0.3	29	0.07	0.034	26
1336739	Soil		1.2	25.0	15.6	72	<0.1	20.8	7.8	294	2.49	9.2	6.2	6.9	13	0.2	0.6	0.2	48	0.11	0.018	23
1336740	Soil		1.4	20.9	13.0	65	0.1	22.9	8.1	303	2.98	16.0	3.6	3.6	11	0.3	0.6	0.2	66	0.09	0.033	13
1336741	Soil		1.8	33.3	17.5	85	0.4	23.3	7.5	237	2.84	22.5	6.1	6.9	13	0.1	0.8	0.3	52	0.08	0.030	20
1336742	Soil		1.1	22.8	21.6	78	<0.1	17.6	5.4	206	2.38	40.3	5.9	4.1	12	0.2	0.8	0.2	39	0.09	0.034	17
1337193	Soil		1.0	18.8	8.1	61	<0.1	39.4	9.9	176	2.57	7.6	7.2	2.6	20	0.1	0.5	0.1	59	0.24	0.063	13
1337194	Soil		0.9	27.9	9.9	69	<0.1	41.8	11.3	406	2.63	11.8	5.3	4.3	50	0.3	2.3	0.2	50	0.75	0.078	17
1337195	Soil		0.5	31.4	6.5	83	<0.1	70.7	14.7	354	2.95	6.1	0.8	2.5	24	0.2	0.7	0.1	63	0.55	0.094	13
1337196	Soil		0.8	37.2	7.8	73	0.1	36.4	11.7	300	2.41	9.8	2.3	3.9	35	0.3	0.9	0.2	54	0.56	0.086	15
1337197	Soil		0.8	25.7	10.0	76	0.2	38.7	11.7	418	2.66	36.1	13.5	4.4	48	0.2	1.6	0.2	54	0.45	0.077	19
1337198	Soil		0.9	23.7	11.4	74	0.2	28.1	12.1	502	2.61	18.9	9.1	5.4	54	0.2	0.8	0.3	56	0.52	0.078	21
1337199	Soil		1.0	25.7	8.2	65	<0.1	22.4	9.6	420	2.58	17.9	6.0	3.6	25	0.2	0.9	0.2	50	0.28	0.075	17
1337200	Soil		0.7	25.8	10.5	69	0.1	22.1	9.3	238	2.35	13.2	3.9	4.1	24	0.3	1.0	0.2	51	0.31	0.078	16
1337201	Soil		0.8	28.8	9.4	74	0.2	32.5	9.7	275	2.31	20.8	6.8	4.1	43	0.3	1.3	0.2	52	0.44	0.070	19
1337202	Soil		0.9	21.4	9.0	70	0.1	28.3	10.9	393	2.56	17.4	10.8	4.3	45	0.2	1.1	0.2	55	0.43	0.076	16
1337203	Soil		1.3	42.9	13.6	47	0.5	29.9	8.6	410	2.01	121.9	9.3	1.7	50	0.3	1.4	0.2	39	0.89	0.051	12
1337204	Soil		1.4	28.9	42.1	84	0.3	35.8	9.7	316	2.72	86.1	13.7	13.1	21	0.2	3.6	0.4	36	0.16	0.034	31
1337205	Soil		1.7	37.2	23.3	89	0.1	43.9	12.7	285	2.90	46.9	6.1	9.8	26	0.2	1.0	0.3	48	0.27	0.077	28
1337206	Soil		1.1	19.1	12.7	49	0.2	17.9	7.7	280	1.92	34.7	6.2	3.7	22	0.1	0.7	0.2	40	0.21	0.033	12
1337207	Soil		0.6	15.1	33.9	95	0.2	15.6	3.8	245	1.59	10.6	2.7	20.1	12	0.2	0.8	0.5	11	0.05	0.017	76
1337208	Soil		1.4	42.1	24.7	66	0.5	30.2	9.6	461	2.46	33.0	19.3	5.9	47	0.2	1.6	0.3	42	0.69	0.059	37
1337209	Soil		0.9	24.2	8.5	70	0.1	32.9	12.4	533	2.58	20.6	4.3	4.5	42	0.2	1.4	0.1	51	0.43	0.074	17
1337210	Soil		0.9	23.9	8.9	69	0.1	30.8	11.8	469	2.44	16.5	5.0	4.4	43	0.2	1.1	0.2	52	0.42	0.070	17
1337211	Soil		0.9	21.9	10.6	66	0.2	26.1	10.4	394	2.39	15.9	9.7	4.8	40	0.2	1.1	0.2	49	0.41	0.067	29



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

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

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Report Date: November 03, 2011

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Method	Analyte	1DX15	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
Unit		ppm	%	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	
1336732	Soil	24	0.28	190	0.042	<1	1.31	0.011	0.07	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1336733	Soil	25	0.35	162	0.048	<1	1.29	0.008	0.07	0.1	0.01	3.2	0.1	<0.05	4	<0.5	<0.2
1336734	Soil	20	0.23	127	0.030	1	1.03	0.007	0.06	0.1	0.02	2.5	0.1	<0.05	3	<0.5	<0.2
1336735	Soil	17	0.23	104	0.026	<1	0.97	0.005	0.08	0.1	0.03	2.2	0.1	<0.05	3	<0.5	<0.2
1336736	Soil	34	0.48	258	0.064	1	2.02	0.008	0.09	0.2	0.08	5.9	0.1	<0.05	5	<0.5	<0.2
1336737	Soil	27	0.44	256	0.039	2	1.73	0.007	0.11	<0.1	0.04	4.8	0.2	<0.05	5	<0.5	<0.2
1336738	Soil	11	0.17	130	0.012	2	0.78	0.004	0.10	<0.1	0.02	2.3	0.2	<0.05	2	<0.5	<0.2
1336739	Soil	25	0.40	220	0.048	2	1.52	0.008	0.08	0.1	0.03	4.3	0.1	<0.05	4	<0.5	<0.2
1336740	Soil	30	0.36	179	0.052	1	2.42	0.008	0.06	0.2	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1336741	Soil	31	0.36	208	0.040	2	2.03	0.006	0.09	0.1	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1336742	Soil	23	0.29	116	0.038	2	1.11	0.006	0.07	0.1	0.03	2.5	<0.1	<0.05	3	<0.5	<0.2
1337193	Soil	51	0.52	188	0.066	<1	1.42	0.012	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1337194	Soil	39	0.61	184	0.048	<1	1.08	0.020	0.09	0.2	0.03	3.8	<0.1	0.06	3	<0.5	<0.2
1337195	Soil	94	1.13	274	0.072	2	1.81	0.011	0.12	0.1	0.05	5.0	<0.1	<0.05	6	<0.5	<0.2
1337196	Soil	39	0.71	265	0.071	2	1.25	0.027	0.09	0.2	0.03	3.7	<0.1	0.06	4	<0.5	<0.2
1337197	Soil	37	0.64	188	0.052	1	1.32	0.020	0.12	<0.1	0.03	3.8	0.1	0.05	4	<0.5	<0.2
1337198	Soil	29	0.49	233	0.055	<1	1.17	0.020	0.09	0.1	0.05	3.6	0.2	<0.05	4	<0.5	<0.2
1337199	Soil	28	0.41	248	0.050	<1	1.27	0.013	0.05	0.2	0.04	3.3	0.1	<0.05	3	<0.5	<0.2
1337200	Soil	27	0.48	199	0.056	<1	1.39	0.013	0.06	0.2	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
1337201	Soil	34	0.54	234	0.048	<1	1.21	0.020	0.10	0.1	0.04	3.8	0.1	0.06	4	0.5	<0.2
1337202	Soil	32	0.49	169	0.049	<1	1.04	0.021	0.08	0.1	0.04	3.4	<0.1	<0.05	3	<0.5	<0.2
1337203	Soil	30	0.38	588	0.016	<1	1.17	0.022	0.11	0.2	0.07	4.0	0.2	0.09	3	0.7	<0.2
1337204	Soil	37	0.37	429	0.020	<1	1.08	0.008	0.12	0.2	0.06	4.5	0.3	<0.05	3	<0.5	<0.2
1337205	Soil	46	0.87	343	0.059	<1	1.56	0.009	0.23	0.2	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1337206	Soil	22	0.27	263	0.036	<1	1.20	0.023	0.08	0.2	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
1337207	Soil	10	0.12	292	0.005	<1	0.56	0.004	0.07	0.4	0.02	3.6	<0.1	<0.05	2	<0.5	<0.2
1337208	Soil	36	0.52	465	0.025	<1	1.36	0.015	0.12	0.2	0.08	4.4	0.1	0.07	4	0.6	<0.2
1337209	Soil	32	0.48	203	0.048	<1	0.94	0.018	0.09	0.1	0.03	3.2	0.1	<0.05	3	<0.5	<0.2
1337210	Soil	29	0.46	219	0.049	<1	1.07	0.018	0.10	0.1	0.04	3.4	0.1	<0.05	4	<0.5	<0.2
1337211	Soil	29	0.46	259	0.042	<1	1.12	0.017	0.10	0.1	0.06	3.4	0.1	<0.05	4	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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

Project: DOW
 Report Date: November 03, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001	La ppm 1
1337212	Soil	0.8	17.3	12.3	68	0.1	25.2	10.3	603	2.09	26.7	6.0	6.6	41	0.3	1.0	0.1	38	0.37	0.061	22
1337213	Soil	0.9	25.5	9.8	72	0.1	32.1	11.7	569	2.43	16.1	5.5	3.6	44	0.2	1.3	0.2	49	0.48	0.076	17
1337214	Soil	0.7	29.4	10.2	77	0.1	22.8	11.3	382	2.59	10.1	3.4	3.1	30	0.4	0.7	0.2	54	0.42	0.079	15
1337215	Soil	0.7	29.8	9.9	65	0.1	23.2	10.4	241	2.48	10.5	2.7	2.4	29	0.4	0.8	0.2	54	0.44	0.070	15
1337407	Soil	0.7	23.8	7.8	60	<0.1	27.5	8.8	244	2.24	6.0	2.2	3.9	28	0.2	0.5	0.1	52	0.35	0.067	16
1337409	Soil	0.2	49.0	2.0	101	<0.1	143.9	28.4	729	4.30	1.1	0.9	0.9	27	0.3	0.2	<0.1	89	0.89	0.310	10
1337410	Soil	0.6	38.8	4.8	118	<0.1	120.4	26.6	790	4.78	4.4	1.5	2.2	26	0.3	0.3	<0.1	96	0.61	0.215	14
1337411	Soil	1.1	60.1	8.0	109	<0.1	53.3	16.3	599	3.43	3.4	2.2	3.4	22	0.2	0.4	0.1	76	0.41	0.129	23
1337412	Soil	1.3	34.9	11.3	68	0.2	43.8	14.6	902	3.10	6.3	2.8	3.9	16	0.4	1.4	0.2	53	0.29	0.051	20
1337413	Soil	1.0	23.9	15.2	73	0.1	20.1	14.9	693	2.64	16.3	3.4	2.6	15	0.2	0.6	0.3	47	0.16	0.058	19
1337414	Soil	1.5	17.2	11.5	46	0.4	13.2	5.9	139	2.43	11.5	2.3	1.4	12	0.4	1.3	0.2	64	0.07	0.034	10
1337415	Soil	1.3	15.4	10.4	42	<0.1	13.1	5.6	170	2.43	11.4	1.3	2.2	9	0.2	0.9	0.2	63	0.07	0.032	9
1337416	Soil	1.2	30.8	11.7	59	0.3	18.7	7.9	220	2.49	12.9	5.9	1.3	17	0.2	2.0	0.2	50	0.13	0.070	13
1337417	Soil	1.2	25.3	9.9	58	<0.1	20.4	9.6	299	3.04	15.8	9.4	3.5	12	0.1	1.8	0.2	64	0.09	0.034	11
1337418	Soil	1.3	32.3	11.8	67	0.3	21.5	12.9	379	2.54	13.6	3.8	1.2	18	0.3	1.6	0.2	51	0.15	0.066	12
1337419	Soil	1.1	32.3	10.4	72	0.2	24.8	13.1	473	2.71	11.1	3.5	1.8	16	0.2	1.2	0.2	53	0.15	0.055	12
1337420	Soil	1.0	29.3	10.2	65	0.2	22.8	10.9	266	2.51	12.1	5.1	1.6	16	0.2	1.3	0.2	53	0.15	0.052	13
1337421	Soil	0.9	26.0	10.3	62	0.2	20.1	9.9	268	2.42	10.7	4.3	1.5	16	0.2	0.9	0.2	47	0.17	0.052	13
1337422	Soil	0.9	24.3	9.7	62	<0.1	21.6	10.3	343	2.37	9.2	5.0	2.9	18	0.2	0.7	0.2	52	0.19	0.049	15
1337423	Soil	0.9	23.4	10.0	69	0.2	23.4	11.1	347	2.42	9.0	2.5	2.1	19	0.3	0.7	0.2	54	0.21	0.054	15
1337424	Soil	1.4	42.3	14.2	102	<0.1	66.3	17.1	1019	3.54	3.5	3.3	7.9	17	<0.1	0.6	0.2	56	0.23	0.038	30
1337425	Soil	1.2	43.6	6.4	72	0.1	34.3	9.5	282	2.56	7.0	1.6	3.1	19	0.2	1.1	0.1	51	0.26	0.098	15
1337426	Soil	1.5	74.5	10.6	67	0.1	33.1	9.9	243	2.64	11.8	2.5	4.1	15	0.2	2.6	0.4	49	0.15	0.052	18
1337427	Soil	1.4	40.4	9.1	57	0.1	22.6	7.2	152	2.12	8.5	1.3	2.6	13	0.2	1.4	0.2	40	0.11	0.054	11
1337428	Soil	1.1	41.2	11.9	116	0.1	55.0	14.4	664	2.94	32.1	8.5	3.4	21	0.3	4.0	0.2	54	0.32	0.115	19
1337429	Soil	1.7	12.3	35.2	26	0.5	10.9	3.2	132	2.13	107.1	61.4	6.2	47	0.1	2.9	0.3	21	0.17	0.053	13
1337430	Soil	2.1	47.7	14.5	91	0.4	31.7	13.9	340	3.53	58.8	11.5	4.2	23	0.3	1.5	0.3	56	0.17	0.038	15
1337431	Soil	1.2	13.1	19.2	32	0.4	8.3	5.3	283	1.64	53.0	10.1	4.1	13	0.1	1.1	0.2	36	0.09	0.031	16
1337432	Soil	1.5	26.7	14.0	65	0.2	17.5	5.9	206	2.27	59.6	13.7	5.8	14	0.2	1.5	0.3	33	0.08	0.031	18
1337433	Soil	1.1	8.9	10.4	36	0.1	10.9	5.2	166	1.85	44.4	0.8	3.9	10	<0.1	0.5	0.2	38	0.09	0.018	12

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

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

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Method	Analyte	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	0.01	0.05	1	0.5	0.2
1337212	Soil	22	0.43	170	0.037	<1	0.81	0.018	0.09	0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1337213	Soil	29	0.49	241	0.042	1	1.11	0.018	0.08	0.2	0.02	3.6	0.1	<0.05	4	0.6	<0.2
1337214	Soil	28	0.53	264	0.054	2	1.41	0.020	0.06	0.2	0.03	3.7	<0.1	<0.05	4	0.5	<0.2
1337215	Soil	29	0.51	262	0.050	2	1.52	0.018	0.06	0.2	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1337407	Soil	36	0.45	157	0.119	1	1.20	0.017	0.05	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1337409	Soil	184	2.22	581	0.143	1	2.64	0.011	0.50	<0.1	<0.01	6.3	<0.1	<0.05	9	<0.5	<0.2
1337410	Soil	122	1.35	333	0.080	<1	2.75	0.009	0.26	<0.1	<0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
1337411	Soil	55	0.94	366	0.062	1	1.99	0.008	0.24	<0.1	<0.01	5.7	0.1	<0.05	7	<0.5	<0.2
1337412	Soil	53	1.01	256	0.019	1	2.09	0.010	0.08	<0.1	0.02	5.5	<0.1	<0.05	6	0.5	<0.2
1337413	Soil	26	0.42	163	0.030	<1	1.58	0.009	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1337414	Soil	21	0.16	146	0.036	<1	1.26	0.008	0.04	0.2	0.03	1.7	0.1	<0.05	6	<0.5	<0.2
1337415	Soil	25	0.26	130	0.045	<1	1.64	0.008	0.06	0.1	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1337416	Soil	29	0.36	189	0.030	1	1.56	0.009	0.06	0.2	0.12	3.1	0.2	<0.05	5	<0.5	<0.2
1337417	Soil	29	0.35	127	0.056	1	1.48	0.009	0.05	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1337418	Soil	29	0.39	240	0.027	1	1.95	0.009	0.06	0.2	0.12	3.3	0.2	<0.05	6	<0.5	<0.2
1337419	Soil	31	0.44	186	0.041	1	1.72	0.009	0.06	0.2	0.06	3.9	0.1	<0.05	5	<0.5	<0.2
1337420	Soil	30	0.41	186	0.037	1	1.66	0.009	0.05	0.2	0.08	3.6	0.1	<0.05	5	<0.5	<0.2
1337421	Soil	27	0.40	193	0.037	1	1.47	0.010	0.05	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1337422	Soil	28	0.46	223	0.052	1	1.61	0.010	0.06	0.2	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1337423	Soil	32	0.48	220	0.045	1	1.71	0.009	0.06	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1337424	Soil	51	1.00	314	0.074	<1	1.68	0.009	0.36	0.1	0.01	9.3	0.2	<0.05	6	0.5	<0.2
1337425	Soil	35	0.40	183	0.052	<1	1.19	0.011	0.08	0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1337426	Soil	24	0.21	178	0.023	<1	0.94	0.005	0.07	0.1	0.01	3.6	0.1	<0.05	3	1.0	<0.2
1337427	Soil	18	0.16	133	0.019	<1	0.79	0.007	0.07	0.1	<0.01	2.1	<0.1	<0.05	3	0.7	<0.2
1337428	Soil	32	0.27	193	0.032	<1	1.12	0.009	0.10	0.4	0.02	4.0	0.1	<0.05	4	<0.5	<0.2
1337429	Soil	20	0.18	218	0.021	<1	0.51	0.009	0.24	0.2	0.03	1.9	0.3	0.38	2	0.9	<0.2
1337430	Soil	30	0.34	276	0.023	<1	1.65	0.009	0.15	0.2	0.01	3.7	0.1	<0.05	5	<0.5	<0.2
1337431	Soil	14	0.15	246	0.015	<1	1.10	0.009	0.08	0.2	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1337432	Soil	19	0.22	151	0.023	2	1.01	0.007	0.07	0.2	<0.01	1.8	0.1	<0.05	3	1.0	<0.2
1337433	Soil	16	0.20	108	0.023	3	1.24	0.010	0.07	0.1	<0.01	1.3	<0.1	<0.05	5	0.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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Method Analyte	Unit	MDL	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
1337434	Soil		2.1	10.4	18.9	42	0.3	10.0	4.7	263	2.10	314.7	18.7	9.1	20	<0.1	1.4	0.4	23	0.04	0.026	22
1337435	Soil		1.6	7.1	12.4	36	<0.1	8.9	4.0	132	1.95	131.4	21.5	7.1	11	0.1	0.6	0.3	32	0.10	0.023	22
1337436	Soil		1.3	13.1	12.9	54	0.2	15.3	5.9	242	2.43	219.8	22.1	8.4	13	0.1	0.9	0.3	36	0.09	0.031	21
1337437	Soil		1.3	24.2	18.4	68	0.3	26.2	8.0	295	2.51	62.9	2.8	3.4	18	0.3	0.8	0.2	47	0.11	0.039	14
1337438	Soil		1.1	14.3	17.0	49	0.3	17.6	9.6	330	2.18	98.2	8.6	7.8	17	0.1	0.6	0.2	38	0.12	0.034	18
1337439	Soil		2.0	28.7	13.9	48	0.5	17.4	5.0	115	2.47	137.4	24.4	3.9	15	<0.1	1.5	0.2	45	0.08	0.041	12
1337440	Soil		1.2	19.3	10.5	49	0.4	20.0	7.3	184	2.46	105.4	23.5	4.0	12	<0.1	1.0	0.2	49	0.09	0.026	12
1337441	Soil		1.1	28.1	10.1	62	0.2	25.7	9.2	338	2.44	69.6	24.2	4.0	18	<0.1	1.0	0.2	49	0.14	0.029	14
1337442	Soil		1.4	29.7	12.9	58	0.2	27.8	8.0	303	2.71	99.1	51.4	6.2	13	<0.1	1.4	0.2	42	0.07	0.032	19
1337443	Soil		1.2	20.9	10.7	58	0.3	28.0	7.5	223	2.78	93.7	4.9	4.3	13	<0.1	0.9	0.2	56	0.10	0.029	13
1337444	Soil		1.7	23.6	11.7	55	0.3	19.6	6.5	171	2.73	124.0	8.0	3.6	16	0.1	1.1	0.2	59	0.10	0.038	12
1337445	Soil		1.6	25.8	10.5	47	0.2	19.9	6.3	157	2.68	133.7	21.5	4.1	19	<0.1	1.2	0.2	50	0.12	0.049	15
1337446	Soil		2.0	55.5	22.0	94	0.2	56.7	18.0	588	3.07	159.7	19.8	6.2	23	0.3	1.1	0.2	44	0.12	0.071	19
1337447	Soil		1.5	35.5	26.3	77	0.3	35.9	11.4	481	2.91	41.9	4.8	9.1	27	0.2	0.5	0.3	39	0.30	0.046	25
1337448	Soil		1.1	33.4	41.1	81	0.5	40.6	11.5	473	2.59	24.7	6.8	10.7	24	0.1	1.3	0.3	34	0.22	0.029	30
1337449	Soil		1.2	17.3	24.8	52	0.2	19.3	7.4	334	1.97	16.2	4.4	8.0	19	0.1	0.5	0.2	32	0.21	0.028	24
1337450	Soil		1.2	13.7	22.3	47	0.1	15.2	5.9	161	2.05	13.4	6.1	8.0	15	0.1	0.6	0.2	39	0.13	0.015	28
1338051	Soil		1.1	3.9	20.9	22	<0.1	4.8	1.6	60	0.92	6.7	1.7	6.4	12	<0.1	0.8	0.2	19	0.09	0.014	28
1338052	Soil		0.7	9.0	16.1	37	<0.1	11.3	4.1	139	1.57	6.4	1.2	6.7	15	<0.1	0.4	0.2	29	0.13	0.009	17
1338053	Soil		0.8	11.1	20.4	45	<0.1	12.8	6.1	198	1.96	8.9	1.3	5.2	15	0.1	0.5	0.2	40	0.14	0.015	15
1338054	Soil		0.8	6.6	31.8	47	0.2	7.9	3.1	153	1.54	13.7	13.2	5.6	14	0.1	0.3	0.2	28	0.12	0.010	11
1338055	Soil		0.7	13.2	15.4	44	0.3	10.0	4.6	200	1.62	9.4	3.4	4.8	13	0.2	0.4	0.2	30	0.09	0.015	12
1337566	Soil		1.2	78.0	5.9	178	0.2	166.5	38.6	1316	6.35	12.0	3.8	1.6	32	0.2	9.3	<0.1	78	0.84	0.242	14
1337567	Soil		1.1	27.2	10.2	61	0.2	28.9	10.0	395	2.21	16.2	3.1	3.0	28	0.2	1.8	0.1	43	0.38	0.053	16
1337568	Soil		1.0	17.6	11.2	53	0.1	22.6	7.6	341	2.30	17.5	4.9	2.9	23	0.2	1.1	0.1	52	0.28	0.029	13
1337569	Soil		1.0	13.3	5.4	39	0.4	11.7	3.4	85	1.29	10.7	0.9	0.5	6	0.1	0.8	0.1	25	0.05	0.025	8
1337570	Soil		2.0	31.4	11.5	81	0.2	29.3	7.8	257	2.83	28.1	1.5	4.1	10	0.2	1.3	0.3	42	0.07	0.038	13
1337571	Soil		2.2	55.6	14.6	46	0.2	19.6	6.0	298	2.20	88.4	15.4	2.8	28	0.3	1.8	0.3	45	0.20	0.061	15
1337572	Soil		1.6	46.5	18.3	71	0.6	31.9	11.2	484	2.95	282.2	194.7	6.8	30	0.1	2.0	0.3	52	0.23	0.025	23
1337573	Soil		1.6	26.5	11.6	74	0.7	32.9	14.0	456	2.68	104.9	13.5	3.6	19	0.2	0.9	0.2	55	0.13	0.042	12

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
	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		
1337434	Soil	11	0.08	160	0.008	2	0.99	0.005	0.14	0.2	<0.01	1.3	0.3	0.08	3	0.6	<0.2
1337435	Soil	14	0.16	131	0.007	<1	1.25	0.006	0.09	<0.1	<0.01	1.4	0.1	<0.05	4	0.7	<0.2
1337436	Soil	19	0.23	248	0.012	<1	1.54	0.006	0.10	0.1	0.02	2.0	0.2	<0.05	4	<0.5	<0.2
1337437	Soil	27	0.34	382	0.028	2	1.71	0.008	0.11	0.1	<0.01	2.7	0.1	<0.05	5	0.6	<0.2
1337438	Soil	25	0.30	302	0.018	2	1.21	0.007	0.11	0.1	<0.01	2.1	0.1	<0.05	4	0.7	<0.2
1337439	Soil	24	0.24	261	0.015	<1	1.33	0.006	0.08	0.2	0.02	2.4	0.1	<0.05	4	1.5	<0.2
1337440	Soil	27	0.34	401	0.020	<1	1.53	0.007	0.09	0.2	0.02	2.4	0.1	<0.05	4	0.9	<0.2
1337441	Soil	31	0.40	241	0.046	<1	1.42	0.014	0.11	0.2	0.02	4.2	<0.1	<0.05	4	<0.5	<0.2
1337442	Soil	25	0.27	175	0.032	<1	1.32	0.007	0.09	0.1	0.01	3.8	0.1	<0.05	4	1.0	<0.2
1337443	Soil	29	0.29	200	0.024	<1	1.73	0.007	0.08	0.2	0.02	2.9	0.1	<0.05	5	0.5	<0.2
1337444	Soil	28	0.28	190	0.019	<1	1.63	0.006	0.08	0.2	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1337445	Soil	25	0.26	297	0.020	<1	1.31	0.007	0.09	0.2	<0.01	2.7	0.1	<0.05	4	0.9	<0.2
1337446	Soil	40	0.15	424	0.015	<1	0.75	0.006	0.08	0.2	0.03	5.4	0.1	<0.05	2	1.6	<0.2
1337447	Soil	34	0.46	266	0.025	<1	1.32	0.008	0.11	0.2	0.02	4.3	0.1	<0.05	4	0.8	<0.2
1337448	Soil	39	0.35	345	0.019	<1	0.92	0.008	0.10	0.2	0.05	4.8	0.1	<0.05	3	0.8	<0.2
1337449	Soil	22	0.29	237	0.025	<1	0.94	0.007	0.10	0.2	0.02	2.4	<0.1	<0.05	3	0.8	<0.2
1337450	Soil	23	0.32	263	0.038	<1	1.27	0.007	0.09	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1338051	Soil	9	0.09	125	0.013	<1	0.52	0.006	0.09	0.2	<0.01	0.9	<0.1	<0.05	2	0.6	<0.2
1338052	Soil	18	0.26	220	0.034	<1	0.87	0.007	0.08	0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1338053	Soil	21	0.32	292	0.038	<1	1.18	0.007	0.10	<0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1338054	Soil	12	0.19	392	0.015	<1	0.88	0.008	0.09	0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1338055	Soil	15	0.22	291	0.030	<1	1.09	0.015	0.08	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
1337566	Soil	96	1.07	321	0.073	<1	1.48	0.006	0.45	0.2	0.04	8.9	0.2	<0.05	7	1.2	<0.2
1337567	Soil	30	0.33	282	0.043	<1	1.30	0.011	0.09	0.3	0.04	3.2	<0.1	<0.05	4	<0.5	<0.2
1337568	Soil	34	0.39	258	0.040	1	1.60	0.011	0.06	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1337569	Soil	7	0.03	76	0.010	<1	0.44	0.011	0.03	0.1	0.03	0.6	<0.1	<0.05	3	<0.5	<0.2
1337570	Soil	17	0.14	195	0.014	<1	1.09	0.007	0.07	0.2	0.02	2.1	0.1	<0.05	4	1.2	<0.2
1337571	Soil	20	0.17	187	0.013	<1	1.07	0.008	0.10	0.3	0.02	1.9	0.1	<0.05	3	<0.5	<0.2
1337572	Soil	37	0.43	325	0.063	2	1.70	0.015	0.17	0.3	0.04	6.0	0.1	<0.05	5	0.8	<0.2
1337573	Soil	32	0.34	292	0.025	<1	1.64	0.007	0.10	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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 Vancouver BC V6C 3K4 Canada

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Method	Analyte	1DX15	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
Unit		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	2	0.01	0.001		1
1337574	Soil	1.0	14.7	7.9	49	0.2	16.3	7.0	268	1.92	62.3	7.0	2.3	13	0.3	0.8	0.1	38	0.10	0.045	9
1337575	Soil	1.8	46.5	15.4	43	0.5	19.4	6.0	161	2.52	298.1	237.4	4.4	25	0.2	2.1	0.3	52	0.11	0.072	14
1337576	Soil	2.0	99.5	13.8	56	1.2	23.5	5.7	140	3.30	237.3	288.0	5.8	36	0.3	3.1	0.4	45	0.08	0.088	17
1337577	Soil	2.0	41.9	11.2	57	0.5	24.7	7.3	184	2.71	92.7	12.4	3.1	21	0.1	1.3	0.3	56	0.09	0.057	14
1337578	Soil	2.8	44.9	12.4	68	0.4	32.9	8.3	248	3.13	136.6	11.2	3.0	12	0.4	1.0	0.2	55	0.05	0.056	10
1337579	Soil	0.5	8.4	4.5	20	0.5	7.2	5.1	193	0.93	24.4	3.9	1.1	12	<0.1	0.3	0.1	18	0.08	0.022	3
1337580	Soil	1.3	27.0	8.8	48	0.2	23.4	7.0	160	2.60	106.9	7.0	3.1	12	0.1	1.0	0.2	51	0.08	0.037	8
1337581	Soil	0.6	6.7	5.6	17	0.1	6.4	1.9	126	0.89	79.2	6.7	1.0	7	0.1	0.9	0.1	18	0.03	0.032	4
1337582	Soil	1.9	26.2	12.6	54	0.3	24.6	7.8	283	2.69	158.0	19.0	2.9	17	0.2	1.1	0.2	52	0.12	0.038	10
1337583	Soil	1.1	28.7	13.4	53	0.5	26.7	7.3	217	1.95	23.3	8.6	5.5	54	0.3	0.7	0.2	32	0.65	0.042	28
1337584	Soil	1.2	26.7	27.2	68	0.3	31.4	9.6	376	2.24	28.0	3.5	8.6	25	0.2	0.6	0.2	28	0.41	0.025	27
1337585	Soil	1.1	11.8	22.3	43	0.2	12.6	4.4	171	1.69	9.4	2.6	7.4	11	<0.1	0.4	0.2	28	0.08	0.012	21
1337586	Soil	0.9	11.4	25.5	39	<0.1	12.3	4.8	222	1.64	9.9	6.3	6.0	15	0.2	0.4	0.2	31	0.16	0.017	17
1337587	Soil	1.7	6.8	20.2	39	<0.1	11.8	3.8	136	1.46	11.8	5.0	6.9	10	0.1	0.3	0.2	24	0.08	0.021	26
1337588	Soil	0.7	6.2	21.0	17	0.1	4.3	1.7	52	0.93	6.0	3.8	2.9	9	<0.1	0.4	0.2	19	0.08	0.010	9
1337589	Soil	0.8	7.4	23.7	26	0.1	8.1	2.9	117	1.35	10.5	2.5	4.7	12	<0.1	0.5	0.2	25	0.10	0.010	12
1337590	Soil	0.7	4.3	22.4	23	<0.1	4.0	2.0	68	0.85	5.6	1.4	2.6	7	<0.1	0.2	0.1	18	0.05	0.008	7
1337591	Soil	1.2	9.1	30.7	44	0.3	11.3	3.8	156	1.65	10.8	10.1	8.8	10	0.3	0.4	0.3	25	0.08	0.014	19
1337592	Soil	1.2	6.0	40.4	45	<0.1	6.7	3.8	312	1.47	8.2	1.7	4.8	8	0.4	0.3	0.3	23	0.05	0.014	13
1337593	Soil	0.6	11.8	8.7	54	<0.1	15.2	6.0	156	1.63	5.1	2.4	0.3	22	0.3	0.3	0.1	37	0.20	0.044	9



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	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
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	0.05	1	0.5	0.2	
1337574	Soil	16	0.14	288	0.018	<1	1.04	0.013	0.06	0.2	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1337575	Soil	29	0.18	521	0.014	1	1.05	0.006	0.10	0.2	0.02	4.4	0.2	<0.05	3	1.0	<0.2
1337576	Soil	23	0.12	632	0.011	<1	0.78	0.007	0.15	0.2	0.02	4.0	0.6	0.16	3	2.1	<0.2
1337577	Soil	29	0.19	426	0.017	<1	1.23	0.008	0.10	0.2	0.02	2.6	0.2	<0.05	4	1.0	<0.2
1337578	Soil	27	0.16	800	0.008	<1	1.04	0.005	0.05	0.2	0.02	3.0	0.1	<0.05	3	<0.5	<0.2
1337579	Soil	8	0.09	268	0.015	<1	0.97	0.016	0.03	0.1	0.03	1.0	<0.1	<0.05	2	<0.5	<0.2
1337580	Soil	27	0.34	328	0.024	<1	1.49	0.005	0.06	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1337581	Soil	6	0.05	213	0.012	<1	0.46	0.010	0.04	0.1	0.01	0.8	0.1	<0.05	3	<0.5	<0.2
1337582	Soil	28	0.33	349	0.021	<1	1.22	0.006	0.06	0.2	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1337583	Soil	30	0.39	435	0.025	1	1.18	0.008	0.07	0.2	0.07	5.1	<0.1	<0.05	3	<0.5	<0.2
1337584	Soil	26	0.30	340	0.013	1	0.81	0.007	0.06	0.2	0.04	3.7	<0.1	<0.05	3	<0.5	<0.2
1337585	Soil	17	0.24	228	0.018	<1	0.93	0.007	0.06	0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
1337586	Soil	18	0.29	285	0.024	<1	0.82	0.005	0.08	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
1337587	Soil	18	0.21	176	0.017	<1	0.67	0.005	0.06	0.1	0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
1337588	Soil	7	0.09	184	0.013	<1	0.56	0.009	0.06	0.1	0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
1337589	Soil	12	0.20	261	0.021	<1	0.60	0.006	0.06	0.1	0.02	1.2	<0.1	<0.05	2	<0.5	<0.2
1337590	Soil	7	0.10	214	0.015	<1	0.53	0.010	0.05	<0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1337591	Soil	15	0.23	285	0.017	<1	0.89	0.005	0.06	0.1	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1337592	Soil	11	0.11	258	0.010	<1	0.77	0.005	0.07	0.2	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1337593	Soil	22	0.32	155	0.022	<1	1.04	0.006	0.03	0.1	0.04	1.0	<0.1	<0.05	4	0.9	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Golden Predator Canada Corp.

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

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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	
Pulp Duplicates																					
1335642 Soil	1.4	23.6	12.1	73	0.2	26.3	11.5	526	2.91	17.5	8.9	6.0	13	0.1	1.0	0.2	51	0.09	0.035	18	
REP 1335642 QC	1.5	22.6	12.0	70	0.1	25.5	11.5	533	2.95	17.2	5.8	6.0	13	0.2	1.1	0.2	51	0.09	0.038	19	
1335943 Soil	0.7	50.6	7.8	90	<0.1	82.1	17.5	617	3.22	5.0	4.9	3.1	22	0.1	0.3	0.1	73	0.45	0.070	13	
REP 1335943 QC	0.7	52.2	8.4	93	<0.1	84.8	17.9	635	3.33	5.2	2.3	3.1	22	0.1	0.3	0.1	73	0.45	0.073	13	
1165970 Soil	1.2	13.6	15.1	51	0.4	13.2	6.0	178	2.20	21.5	1.8	4.3	10	0.2	0.4	0.2	44	0.09	0.024	12	
REP 1165970 QC	0.9	13.1	14.6	51	0.4	13.3	5.9	168	2.12	20.8	2.6	4.2	10	0.2	0.4	0.2	43	0.09	0.025	13	
1165992 Soil	0.9	26.0	8.1	52	<0.1	22.0	7.6	335	2.29	9.8	2.4	2.5	18	0.1	0.8	0.1	50	0.20	0.027	13	
REP 1165992 QC	0.9	26.7	8.4	54	<0.1	23.3	7.6	338	2.31	10.5	4.5	2.6	18	<0.1	0.8	0.1	50	0.21	0.026	13	
1336434 Soil	2.8	41.6	31.8	136	0.3	40.1	10.1	221	4.24	201.0	1.1	11.7	24	0.4	2.2	0.3	28	0.04	0.075	40	
REP 1336434 QC	2.8	40.5	31.7	133	0.2	38.4	9.4	214	4.06	190.2	2.3	11.8	24	0.3	2.1	0.3	28	0.05	0.071	38	
1336446 Soil	1.0	25.0	11.7	49	<0.1	40.3	11.0	313	2.46	10.6	1.5	3.7	20	<0.1	0.7	0.2	52	0.23	0.023	13	
REP 1336446 QC	1.1	23.9	11.2	50	<0.1	38.7	10.4	314	2.39	10.2	1.1	3.6	19	<0.1	0.6	0.2	52	0.23	0.022	14	
1336463 Soil	0.9	22.8	11.8	53	<0.1	23.8	9.0	296	2.82	20.5	10.0	6.1	15	0.2	0.6	0.2	54	0.11	0.025	13	
REP 1336463 QC	1.0	21.5	11.4	49	0.1	22.3	8.6	272	2.58	22.0	11.3	5.9	14	0.3	0.7	0.2	51	0.11	0.023	12	
1336673 Soil	0.8	34.7	6.6	95	<0.1	51.7	16.0	404	3.63	6.1	2.6	2.4	17	0.1	0.4	0.1	80	0.27	0.105	9	
REP 1336673 QC	0.9	37.2	6.7	102	<0.1	55.5	17.7	429	3.76	6.6	2.3	2.5	18	<0.1	0.4	0.1	84	0.31	0.116	9	
1336678 Soil	1.0	25.7	15.4	69	0.3	25.7	12.0	675	2.56	11.3	3.3	3.0	19	0.2	1.0	0.3	54	0.25	0.048	21	
REP 1336678 QC	1.0	25.4	15.4	69	0.3	25.0	11.7	657	2.50	11.2	3.2	3.1	18	0.2	1.0	0.3	52	0.24	0.047	21	
1336689 Soil	0.9	20.4	9.6	67	0.2	20.0	12.8	771	2.35	8.6	3.8	1.4	13	0.3	0.5	0.2	48	0.19	0.048	12	
REP 1336689 QC	0.9	20.3	9.5	66	0.2	20.2	13.6	778	2.48	8.5	2.8	1.4	13	0.3	0.5	0.1	49	0.21	0.051	12	
1336696 Soil	0.7	56.8	3.5	178	<0.1	83.2	24.4	303	4.33	2.8	1.0	0.9	17	<0.1	0.2	<0.1	106	0.64	0.228	11	
REP 1336696 QC	0.8	57.2	3.5	175	<0.1	85.7	24.6	300	4.40	3.1	<0.5	0.9	17	<0.1	0.2	<0.1	109	0.64	0.217	11	
1336726 Soil	0.9	6.4	15.8	43	0.1	7.2	2.9	120	1.77	40.8	6.1	4.0	10	0.2	0.4	0.2	41	0.07	0.014	11	
REP 1336726 QC	1.1	6.3	16.7	42	0.1	7.2	3.1	120	1.82	40.7	4.0	3.9	10	0.2	0.4	0.3	42	0.07	0.014	10	
1337193 Soil	1.0	18.8	8.1	61	<0.1	39.4	9.9	176	2.57	7.6	7.2	2.6	20	0.1	0.5	0.1	59	0.24	0.063	13	
REP 1337193 QC	0.7	19.0	8.2	59	<0.1	40.0	10.3	184	2.58	7.7	2.2	2.6	20	0.2	0.5	0.1	58	0.26	0.068	14	
1337200 Soil	0.7	25.8	10.5	69	0.1	22.1	9.3	238	2.35	13.2	3.9	4.1	24	0.3	1.0	0.2	51	0.31	0.078	16	
REP 1337200 QC	0.7	26.4	10.5	69	0.1	21.9	9.0	249	2.37	13.2	4.0	4.2	25	0.3	1.0	0.2	53	0.33	0.078	17	



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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

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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	
Pulp Duplicates																	
1335642	Soil	26	0.30	121	0.030	<1	1.34	0.006	0.08	0.2	0.03	3.1	0.1	<0.05	4	0.7	<0.2
REP 1335642	QC	26	0.30	124	0.030	<1	1.37	0.006	0.08	0.2	0.03	3.2	0.2	<0.05	5	0.7	<0.2
1335943	Soil	111	1.40	248	0.109	<1	2.21	0.012	0.14	0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
REP 1335943	QC	115	1.39	248	0.105	<1	2.24	0.011	0.13	0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1165970	Soil	19	0.20	152	0.013	<1	1.66	0.008	0.08	0.2	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
REP 1165970	QC	19	0.19	153	0.015	1	1.69	0.005	0.08	0.2	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1165992	Soil	31	0.39	290	0.046	<1	1.62	0.008	0.05	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
REP 1165992	QC	32	0.42	303	0.044	2	1.64	0.009	0.06	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1336434	Soil	19	0.14	145	0.010	1	1.09	0.005	0.09	0.2	0.02	2.9	0.1	0.08	2	1.1	<0.2
REP 1336434	QC	18	0.14	145	0.011	<1	1.05	0.005	0.08	0.1	0.01	2.7	0.1	<0.05	2	1.0	<0.2
1336446	Soil	48	0.52	263	0.053	1	1.58	0.011	0.04	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
REP 1336446	QC	48	0.50	258	0.058	<1	1.58	0.011	0.04	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1336463	Soil	33	0.50	196	0.057	2	1.94	0.009	0.07	0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
REP 1336463	QC	30	0.52	189	0.050	<1	1.84	0.007	0.06	0.2	0.05	2.9	<0.1	<0.05	5	<0.5	<0.2
1336673	Soil	45	0.75	135	0.091	1	1.83	0.011	0.18	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
REP 1336673	QC	47	0.78	141	0.097	1	1.99	0.011	0.18	0.2	<0.01	3.7	0.1	<0.05	8	0.6	<0.2
1336678	Soil	33	0.47	313	0.021	1	1.80	0.010	0.06	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
REP 1336678	QC	32	0.47	301	0.019	1	1.71	0.010	0.06	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1336689	Soil	26	0.43	250	0.015	<1	1.67	0.006	0.05	<0.1	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
REP 1336689	QC	27	0.44	242	0.019	1	1.74	0.006	0.06	0.1	0.06	3.7	0.2	<0.05	5	0.9	<0.2
1336696	Soil	60	1.02	263	0.101	<1	2.38	0.009	0.62	<0.1	<0.01	5.3	<0.1	<0.05	11	<0.5	<0.2
REP 1336696	QC	61	1.07	272	0.095	<1	2.34	0.012	0.63	<0.1	<0.01	5.4	<0.1	<0.05	11	<0.5	<0.2
1336726	Soil	14	0.18	214	0.028	<1	1.04	0.007	0.07	0.2	0.02	1.2	<0.1	<0.05	5	<0.5	<0.2
REP 1336726	QC	13	0.19	215	0.025	<1	1.04	0.007	0.06	0.1	0.03	1.3	<0.1	<0.05	5	<0.5	<0.2
1337193	Soil	51	0.52	188	0.066	<1	1.42	0.012	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1337193	QC	51	0.57	203	0.073	2	1.51	0.011	0.05	0.2	0.04	3.1	<0.1	<0.05	4	<0.5	<0.2
1337200	Soil	27	0.48	199	0.056	<1	1.39	0.013	0.06	0.2	0.05	2.9	0.1	<0.05	4	<0.5	<0.2
REP 1337200	QC	28	0.47	204	0.062	1	1.41	0.014	0.06	0.3	0.05	3.0	0.1	<0.05	4	<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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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Table with columns for element (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La) and rows for various samples (e.g., 1337417, 1337434, 1338055) and reference materials (STD DS8, BLK). Values are listed in ppm or ppb.



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		1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	ppm	ppm	0.05	ppm	0.5	0.2
1337417	Soil	29	0.35	127	0.056	1	1.48	0.009	0.05	0.2	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
REP 1337417	QC	26	0.33	118	0.050	1	1.36	0.009	0.04	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1337434	Soil	11	0.08	160	0.008	2	0.99	0.005	0.14	0.2	<0.01	1.3	0.3	0.08	3	0.6	<0.2
REP 1337434	QC	10	0.08	156	0.007	<1	1.01	0.006	0.14	0.2	0.02	1.3	0.3	0.06	3	1.4	<0.2
1338055	Soil	15	0.22	291	0.030	<1	1.09	0.015	0.08	0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
REP 1338055	QC	14	0.20	273	0.022	<1	1.05	0.013	0.07	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
1337588	Soil	7	0.09	184	0.013	<1	0.56	0.009	0.06	0.1	0.01	0.7	<0.1	<0.05	3	<0.5	<0.2
REP 1337588	QC	7	0.09	180	0.013	<1	0.57	0.009	0.06	0.1	<0.01	0.7	<0.1	<0.05	2	<0.5	<0.2
1337593	Soil	22	0.32	155	0.022	<1	1.04	0.006	0.03	0.1	0.04	1.0	<0.1	<0.05	4	0.9	<0.2
REP 1337593	QC	22	0.31	153	0.023	<1	1.02	0.006	0.03	0.1	0.03	1.1	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	115	0.60	278	0.124	3	0.91	0.085	0.41	3.1	0.20	2.1	5.4	0.15	5	4.6	5.0
STD DS8	Standard	105	0.59	273	0.090	2	0.90	0.084	0.40	2.9	0.18	2.2	5.2	0.16	4	5.1	4.6
STD DS8	Standard	103	0.56	259	0.081	2	0.84	0.086	0.39	2.7	0.19	2.4	5.1	0.13	4	5.2	4.8
STD DS8	Standard	122	0.63	285	0.125	2	0.94	0.090	0.42	3.2	0.22	2.2	5.6	0.16	5	5.4	5.2
STD DS8	Standard	115	0.59	274	0.117	2	0.93	0.091	0.42	2.9	0.21	2.2	5.4	0.16	4	5.0	4.7
STD DS8	Standard	110	0.57	261	0.107	2	0.86	0.086	0.40	2.7	0.20	2.0	5.1	0.15	5	3.4	4.9
STD DS8	Standard	112	0.63	275	0.122	3	0.92	0.087	0.42	3.1	0.19	2.1	5.4	0.15	5	5.4	4.8
STD DS8	Standard	120	0.66	280	0.106	2	0.95	0.082	0.40	3.1	0.16	2.0	5.6	0.14	4	4.2	4.7
STD DS8	Standard	113	0.62	282	0.117	2	0.95	0.101	0.42	3.0	0.21	2.4	5.2	0.14	5	5.5	5.3
STD DS8	Standard	110	0.61	253	0.099	2	0.86	0.079	0.38	2.9	0.20	2.0	5.2	0.07	4	4.8	4.5
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

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.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Golden Predator Canada Corp.**

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

Project: DOW

Report Date: November 03, 2011

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

DAW11000322.2

		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
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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www.acmelab.com

Client: **Golden Predator Canada Corp.**

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

Project: DOW

Report Date: November 03, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

DAW11000322.2

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		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
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

Package Codes:	1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
Sample Digestion:	HNO ₃ -HCl acid digestion
Instrumentation Method:	ICP-ES (1D), ICP-MS (1DX, 1F)
Applicability:	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, HNO₃ and DI H₂O 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 (Pb₂₀₄, Pb₂₀₆, Pb₂₀₇, Pb₂₀₈) 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 ₂₀₄	-	-	0.01 ppm	10000 ppm
Pb ₂₀₆	-	-	0.01 ppm	10000 ppm
Pb ₂₀₇	-	-	0.01 ppm	10000 ppm
Pb ₂₀₈	-	-	0.01 ppm	10000 ppm

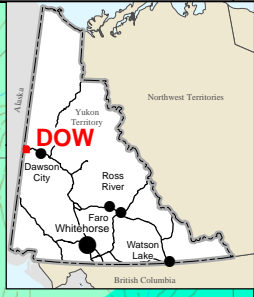
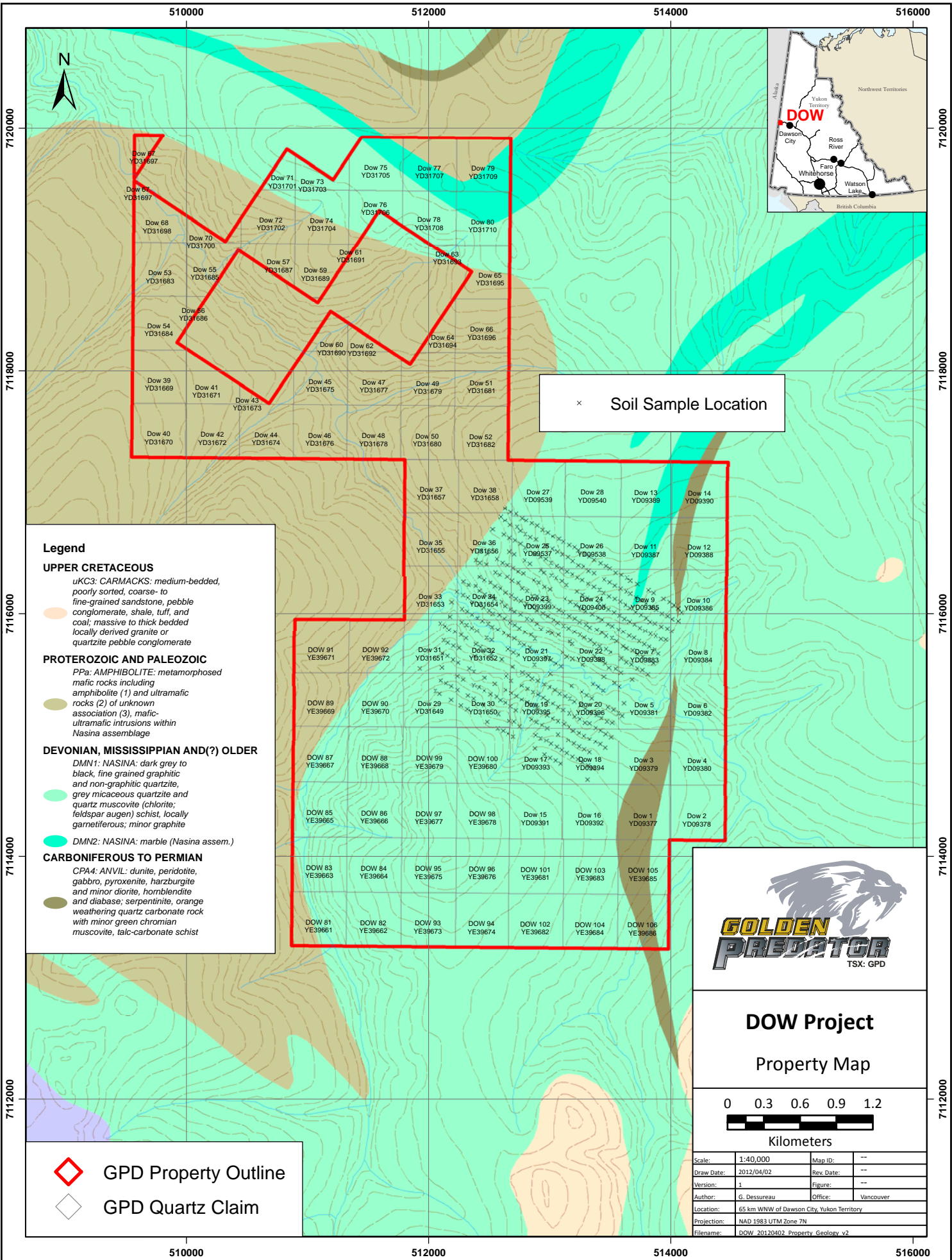
* Solubility of some elements will be limited by mineral species present.

^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



× Soil Sample Location

Legend

UPPER CRETACEOUS

uKC3: CARMACKS: medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble conglomerate

PROTEROZOIC AND PALEOZOIC

PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association (3), mafic-ultramafic intrusions within Nasina assemblage



DEVONIAN, MISSISSIPPIAN AND(?) OLDER

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 graphite

DMN2: NASINA: marble (Nasina assem.)

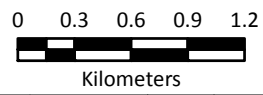
CARBONIFEROUS TO PERMIAN

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

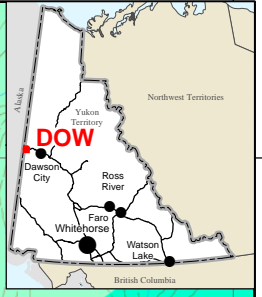
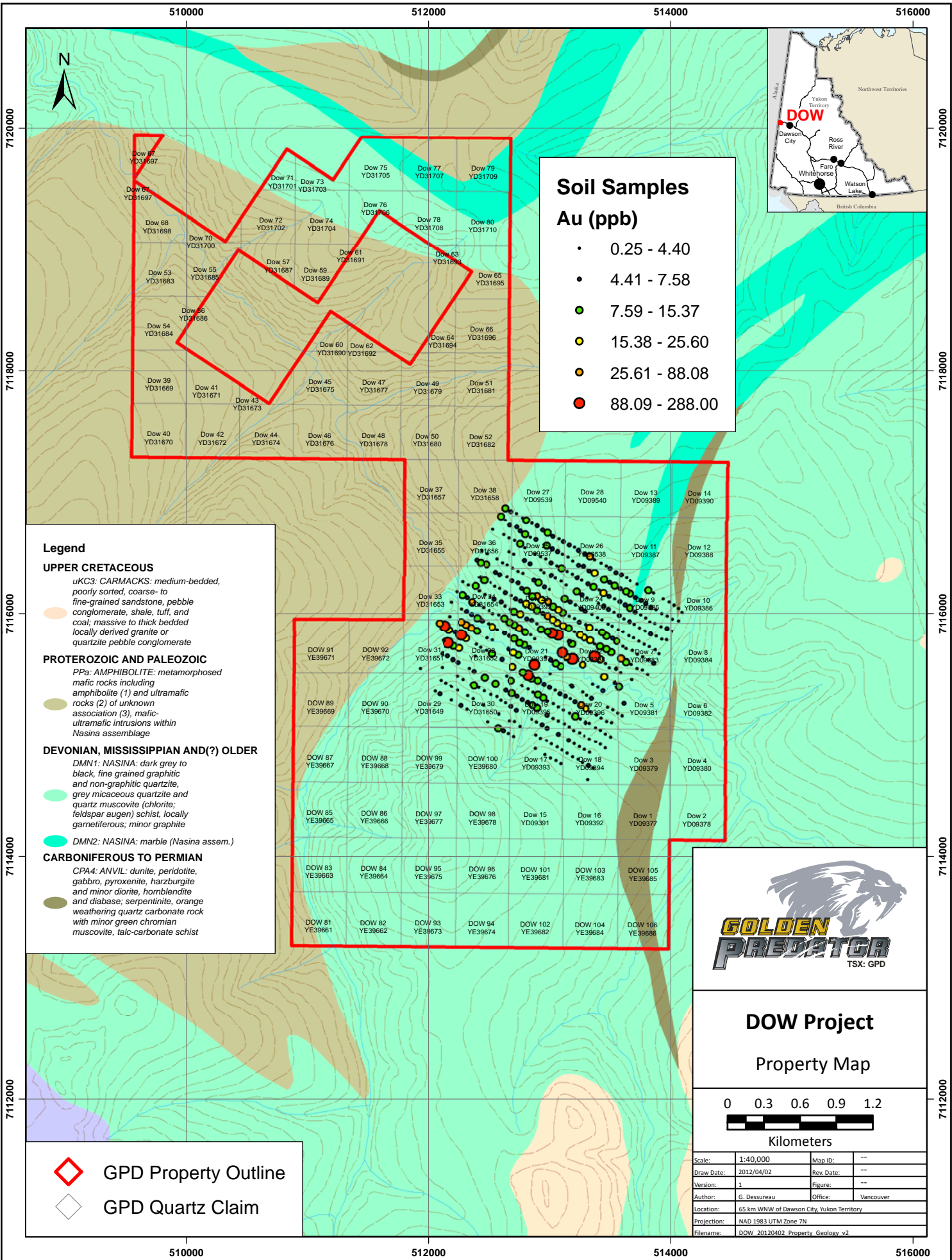
 GPD Property Outline
 GPD Quartz Claim



**DOW Project
Property Map**



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Draw Date:	2012/04/02	Rev Date:	--
Version:	1	Figure:	--
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Location:	65 km WNW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	DOW_20120402_Property_Geology_v2		



Soil Samples Au (ppb)

- 0.25 - 4.40
- 4.41 - 7.58
- 7.59 - 15.37
- 15.38 - 25.60
- 25.61 - 88.08
- 88.09 - 288.00

Legend

UPPER CRETACEOUS
uKC3: CARMACKS: medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble conglomerate

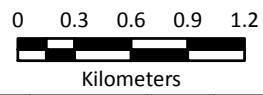
PROTEROZOIC AND PALEOZOIC
PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association (3), mafic-ultramafic intrusions within Nasina assemblage

DEVONIAN, MISSISSIPPIAN AND(?) OLDER
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 graphite
DMN2: NASINA: marble (Nasina assem.)

CARBONIFEROUS TO PERMIAN
CPA4: ANVIL: dunitic, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist

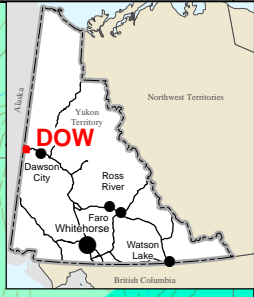
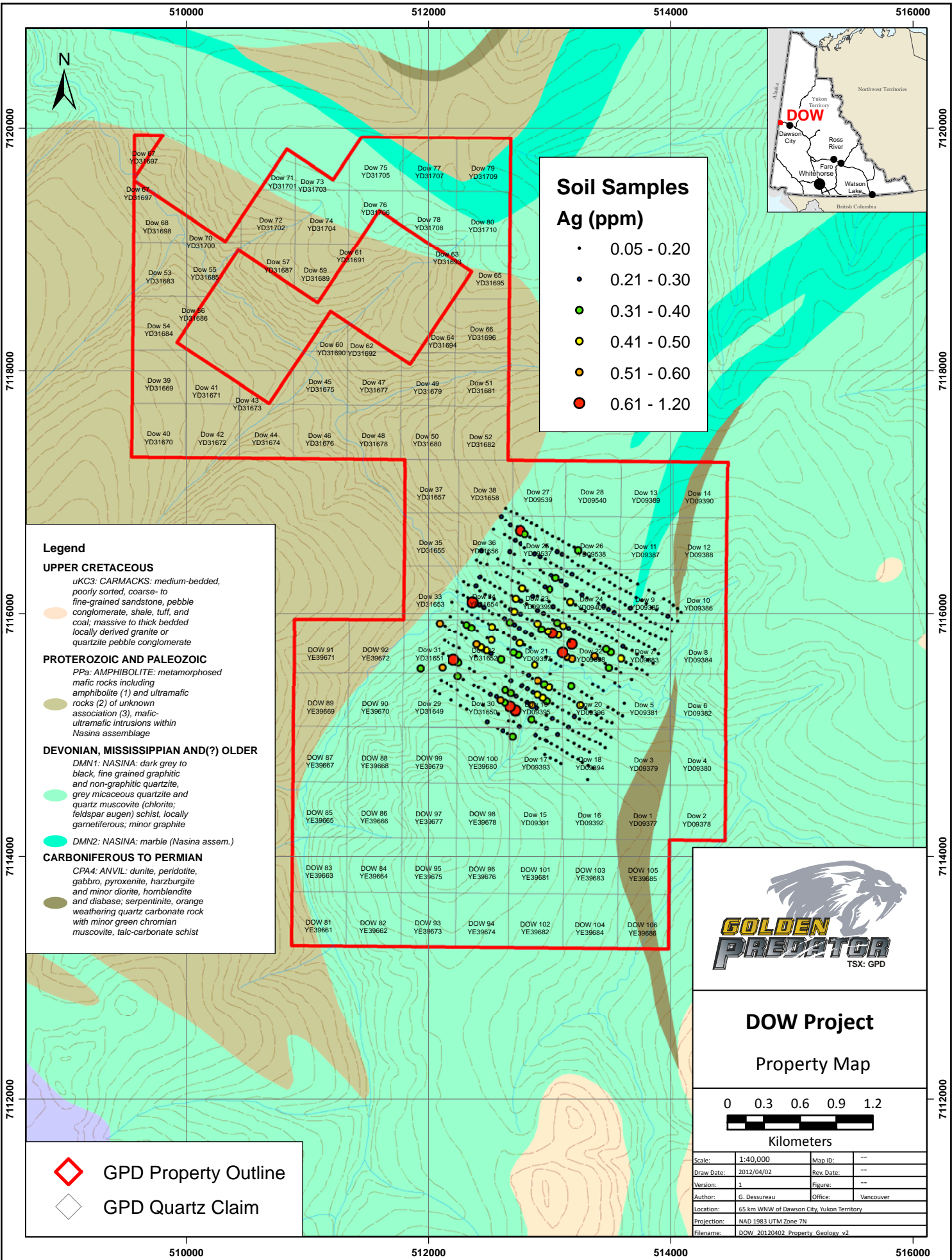


DOW Project Property Map



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Projection:	NAD 1983 UTM Zone 7N		
Filename:	DOW_20120402_Property_Geology_v2		

- GPD Property Outline
- GPD Quartz Claim



Soil Samples

Ag (ppm)

- 0.05 - 0.20
- 0.21 - 0.30
- 0.31 - 0.40
- 0.41 - 0.50
- 0.51 - 0.60
- 0.61 - 1.20

Legend

UPPER CRETACEOUS
uKC3: CARMACKS: medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble conglomerate

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PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association (3), mafic-ultramafic intrusions within Nasina assemblage

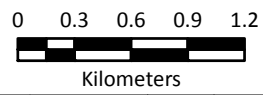
DEVONIAN, MISSISSIPPIAN AND(?) OLDER
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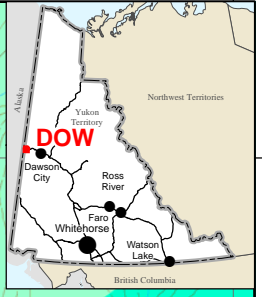
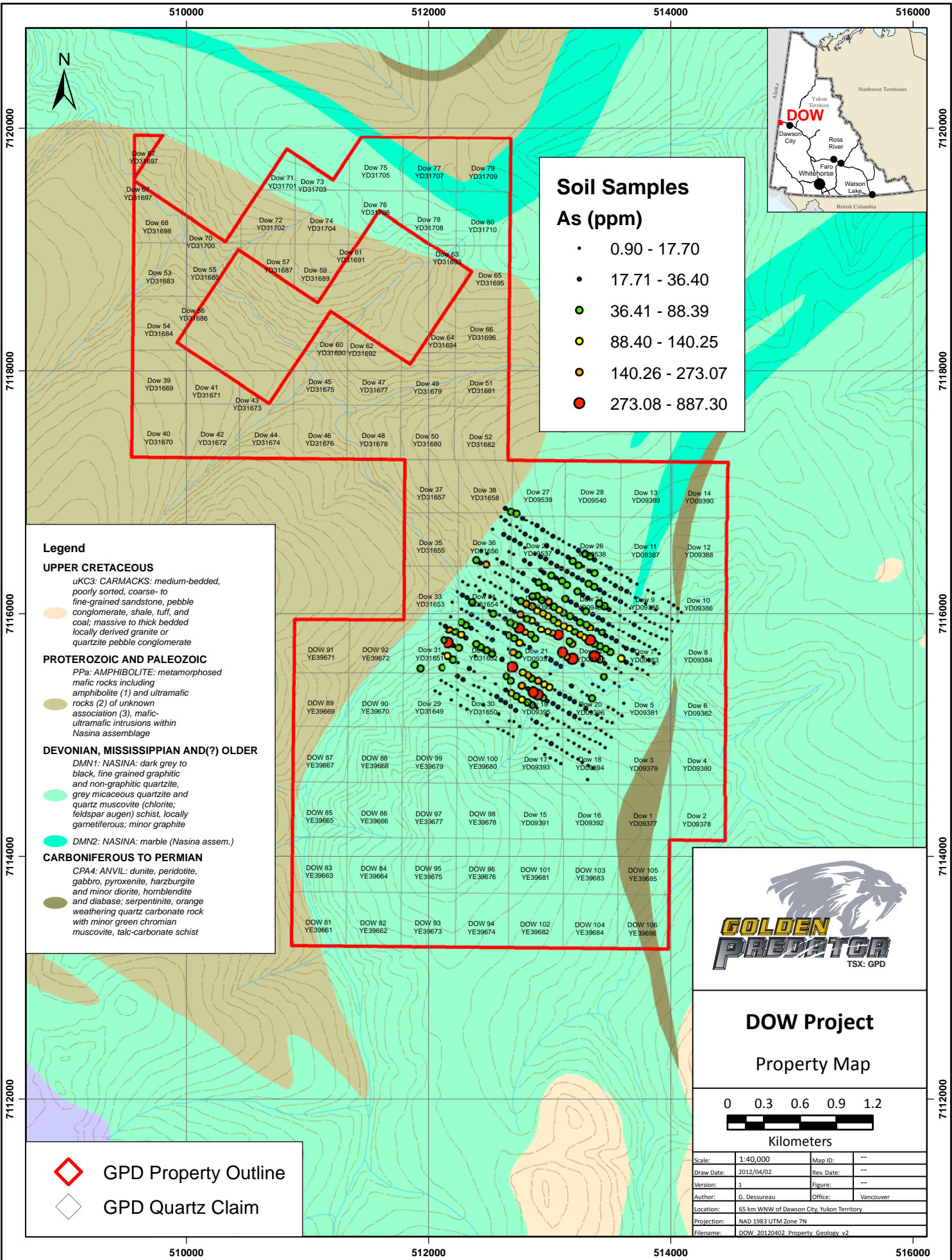
DOW Project

Property Map



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Filename:	DOW_20120402_Property_Geology_v2		

- GPD Property Outline
- GPD Quartz Claim



Soil Samples

As (ppm)

- 0.90 - 17.70
- 17.71 - 36.40
- 36.41 - 88.39
- 88.40 - 140.25
- 140.26 - 273.07
- 273.08 - 887.30

Legend

UPPER CRETACEOUS

uKC3: CARMACKS: medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble conglomerate

PROTEROZOIC AND PALEOZOIC

PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association (3), mafic-ultramafic intrusions within Nasina assemblage

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DMN1: NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar auger) schist, locally garnetiferous; minor graphite

DMN2: NASINA: marble (Nasina assem.)

CARBONIFEROUS TO PERMIAN

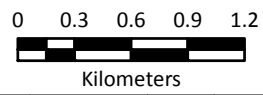
CPA4: ANVIL: dunitic, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist

- GPD Property Outline
- GPD Quartz Claim

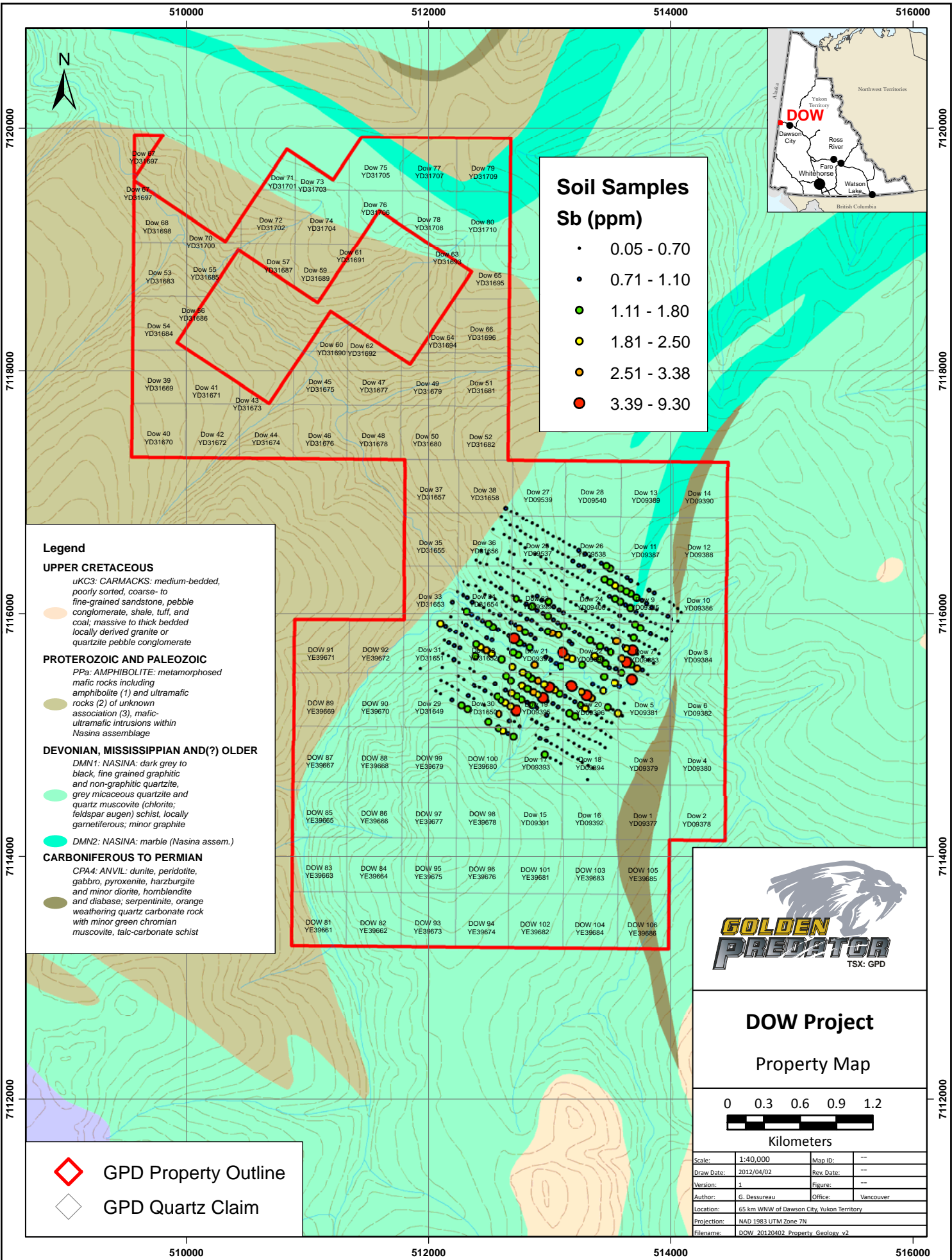


DOW Project

Property Map

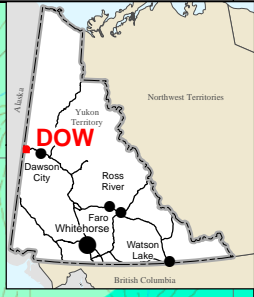


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Location:	65 km WNW of Dawson City, Yukon Territory		
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Filename:	DOW_20120402_Property_Geology_v2		



Soil Samples Sb (ppm)

- 0.05 - 0.70
- 0.71 - 1.10
- 1.11 - 1.80
- 1.81 - 2.50
- 2.51 - 3.38
- 3.39 - 9.30



Legend

UPPER CRETACEOUS
uKC3: CARMACKS: medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble conglomerate

PROTEROZOIC AND PALEOZOIC
PPa: AMPHIBOLITE: metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association (3), mafic-ultramafic intrusions within Nasina assemblage

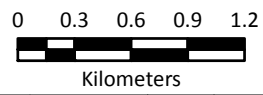
DEVONIAN, MISSISSIPPIAN AND(?) OLDER
DMN1: NASINA: dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (chlorite; feldspar augen) schist, locally garnetiferous; minor graphite
DMN2: NASINA: marble (Nasina assem.)

CARBONIFEROUS TO PERMIAN
CPA4: ANVIL: dunitic, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblende and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist

- GPD Property Outline
- GPD Quartz Claim



DOW Project Property Map



Scale:	1:40,000	Map ID:	--
Draw Date:	2012/04/02	Rev Date:	--
Version:	1	Figure:	--
Author:	G. Dessureau	Office:	Vancouver
Location:	65 km WNW of Dawson City, Yukon Territory		
Projection:	NAD 1983 UTM Zone 7N		
Filename:	DOW_20120402_Property_Geology_v2		