

**ASSESSMENT REPORT DESCRIBING  
GEOCHEMICAL WORK ON THE KIRKMAN CLAIMS**

Claim Group:

YC23730-YC23743; YC30529-YC30554; YC86825-86873;  
YC87949-YC87976 (Grouping certificate HD03094)

NTS 115O/03, 115J/14

LAT: 63.02° N

LONG: 139.29° W

**DAWSON MINING DISTRICT**

WORK PERFORMED July 28-29, 2011

Report prepared on April 5, 2012

by

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Vancouver BC V6C 2V6

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## **1.0 SUMMARY AND RECOMMENDATIONS**

The Kirkman claims (116 claims), located 115 km south of Dawson City, were acquired by Kaminak in 2009. The claims are located 20 km south-southeast of the Golden Saddle deposit and 15 km north of the Supremo zone (Coffee property) in similar host rocks. Kaminak performed initial soil sampling and trenching work in 2009 and 2010. A ridgetop and contour reconnaissance soil sampling program was conducted in July 2011 and \$27,227.67 was spent evaluating the property. A total of 496 ridgetop and contour samples were collected at 50m spacing and a number of gold anomalies were detected. Follow-up of the historic and 2011 gold anomalies with prospecting and trenching is recommended.

Respectfully submitted,

Craig S. Finnigan, Ph.D., P.Geol.  
Chief Geologist  
Kaminak Gold Corp.

## **2.0 INTRODUCTION**

In 2009, Kaminak Gold Corp. acquired the Kirkman claims located 115 km south of Dawson City, Yukon. The project area is proximal to both the Golden Saddle and Coffee gold project, and is hosted in similar rocks. Historic work at Kirkman has highlighted a number of gold anomalies and this report reviews the soil geochemical work conducted in July 2011 on the Kirkman property.

## **3.0 LOCATION AND ACCESS**

The Kirkman claims are located 115 kilometers south of Dawson City in west-central Yukon and approximately 15 km north of the Supremo Zone on Kaminak's Coffee property and 20 km south-southeast of the Golden Saddle deposit (Kinross Gold; Figure 1). The property is centered at latitude 63.02N and longitude 139.29W (NTS mapsheets 115O/03 and 115J/14). Direct access to the property is by helicopter from Dawson or Carmacks. An air strip located at Thistle Creek (Groundtruth Exploration and Kaminak camps) approximately 5 km away from Kirkman provides the best access to site, and river access to this region is provided by barge landings on the Yukon River near both airstrips. River transport along the Yukon River from Dawson City to the barge landings is available for five months during the summer period when the river is free of ice.

## **4.0 CLIMATE AND PHYSIOGRAPHY**

The Kirkman area consists of rolling to locally steep hills incised by streams and the majority of the Kirkman area is covered by trees (spruce and poplar). The elevation range on the property is approximately 500m to 1200m. Western Yukon has a sub-arctic continental climate with a summer mean of 10° Celsius and a winter mean of minus 23° Celsius. Summer and winter temperatures can reach plus 35° and minus 55° Celsius, respectively. Dawson City, the nearest town, has a daily average above freezing for 180 days per year.

## **5.0 LAND TENURE**

The Kirkman block consists of a total of 116 claims (Figure 2; Appendix 1). The claims are staked under the Yukon Quartz Mining Act and are registered with the mining recorder in the name of Kaminak Gold Corp.

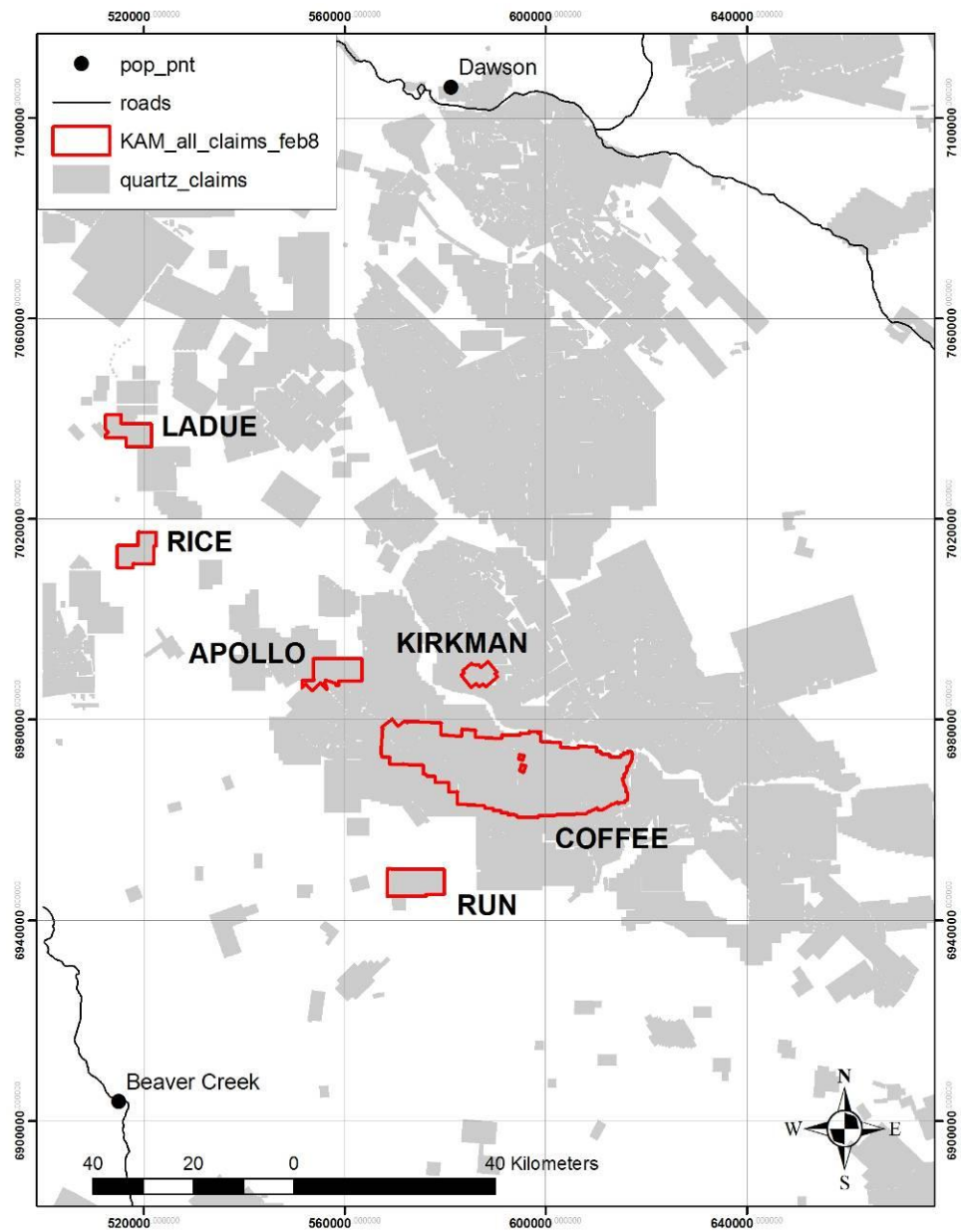
## **6.0 PREVIOUS WORK**

Kirkman Creek has been historically mined for placer gold, and the placer mine operators were active during summer 2010 and summer 2011.

Shawn Ryan's group completed an initial reconnaissance soil sampling program on the central part of the Kirkman claims (14 samples) in 2003 (Ryan, 2004A), in addition to approximately 150 samples within the current property boundary as part of a Stewart area regional survey (Ryan 2004B). An initial soil grid (559 samples) with a ground magnetometer survey was completed in 2004 (Ryan, 2005).

In 2009, Kaminak optioned the property and 2 north-south trenches were completed that year in the area of the 2004 soil grid. Quartz veining, brecciation, carbonate/ankerite/silica alteration, barite mineralization and limonite/hematite were observed in the trench samples. Minor disseminated pyrite and arsenopyrite were also noted; however, geochemical results from these samples contained low gold. In 2009, Kaminak also completed a second soil sampling grid in the north-central part of the property with 640 samples collected, spaced 50 m apart along 100m-spaced lines (Figure 3).

The historic work indicates that various areas on the Kirkman claims have gold-in-soil values that are considered elevated for the region (see below).



**Figure 1** Location of the Kirkman claims, 115 km south of Dawson City, west-central Yukon. Coordinate system is UTM NAD83, zone 7.

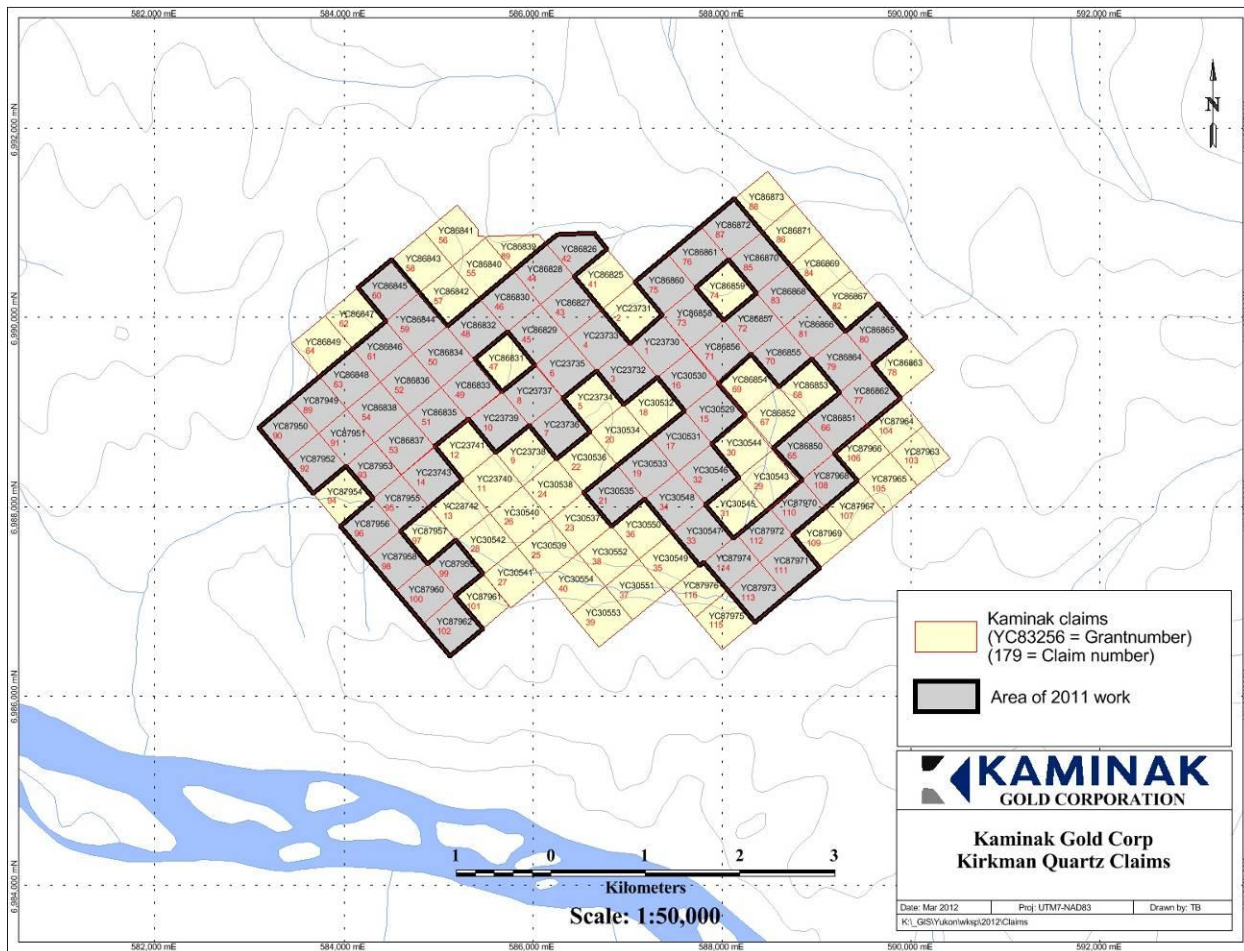
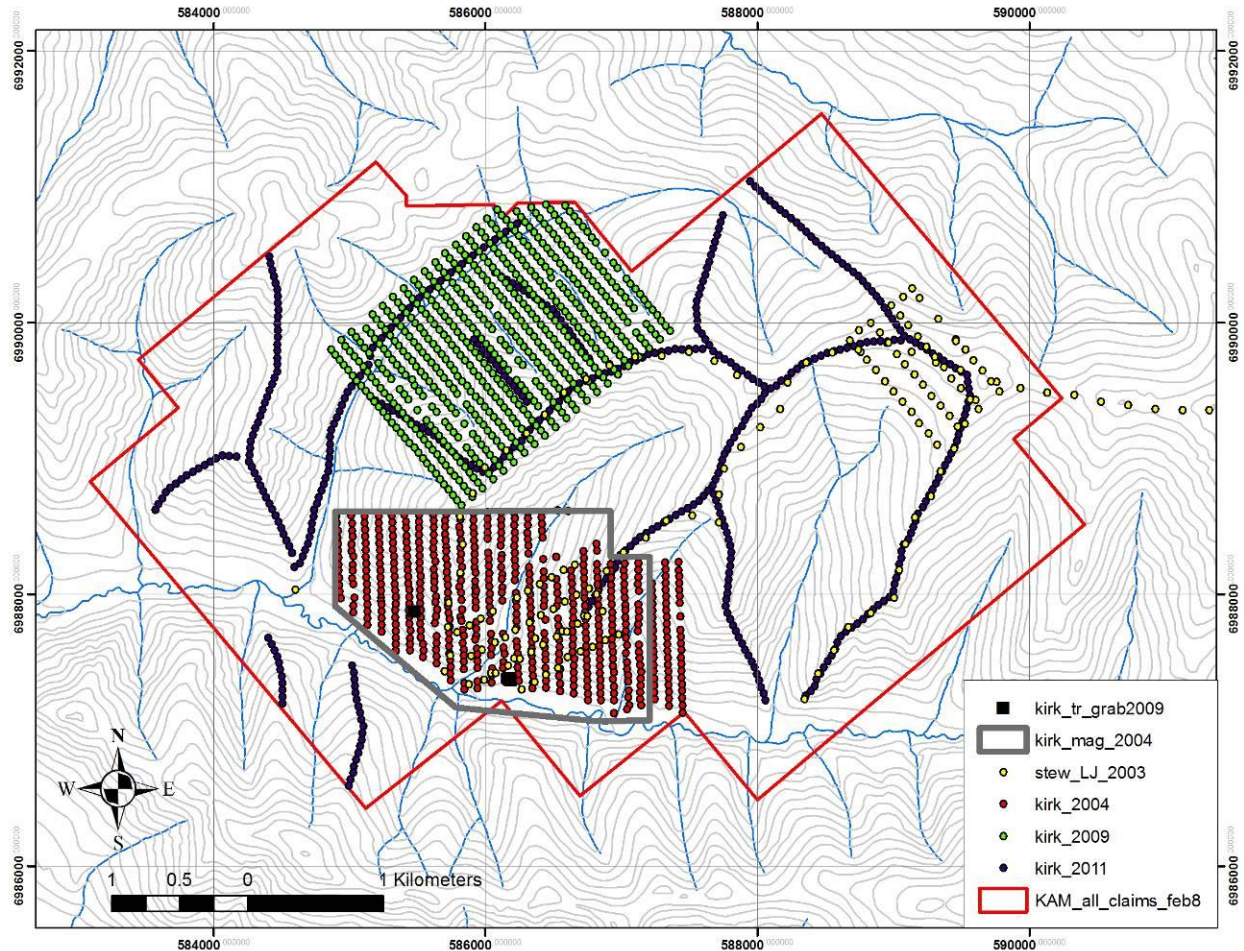


Figure 2 Kirkman claims. Coordinate system is UTM NAD83, zone 7.





**Figure 3** Summary map of historic soil sampling, trenching and ground magnetic work on the KIRKMAN property. Coordinate system is UTM NAD83, zone 7.

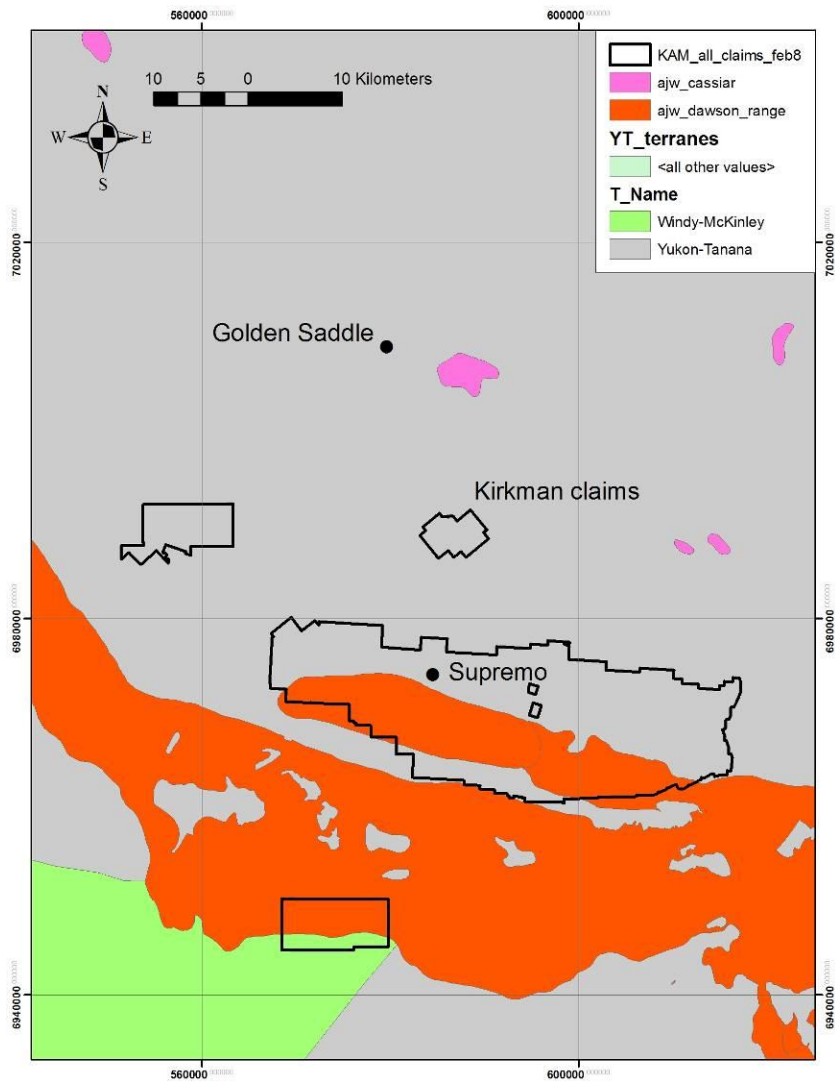
## 7.0 GEOLOGICAL SETTING

### 7.1 Regional Geology

The KIRKMAN claims region is underlain by the Yukon-Tanana terrane, which is the basement for Mesozoic to Cenozoic plutons and batholiths including those from the Dawson Range and Cassiar intrusive suites (Figure 4). Cretaceous intrusive rocks are spatially associated with the White Gold and Coffee projects, in addition to a number of other gold-bearing mineral deposits in the region such as Sonora Gulch, Freegold Mountain and Casino.

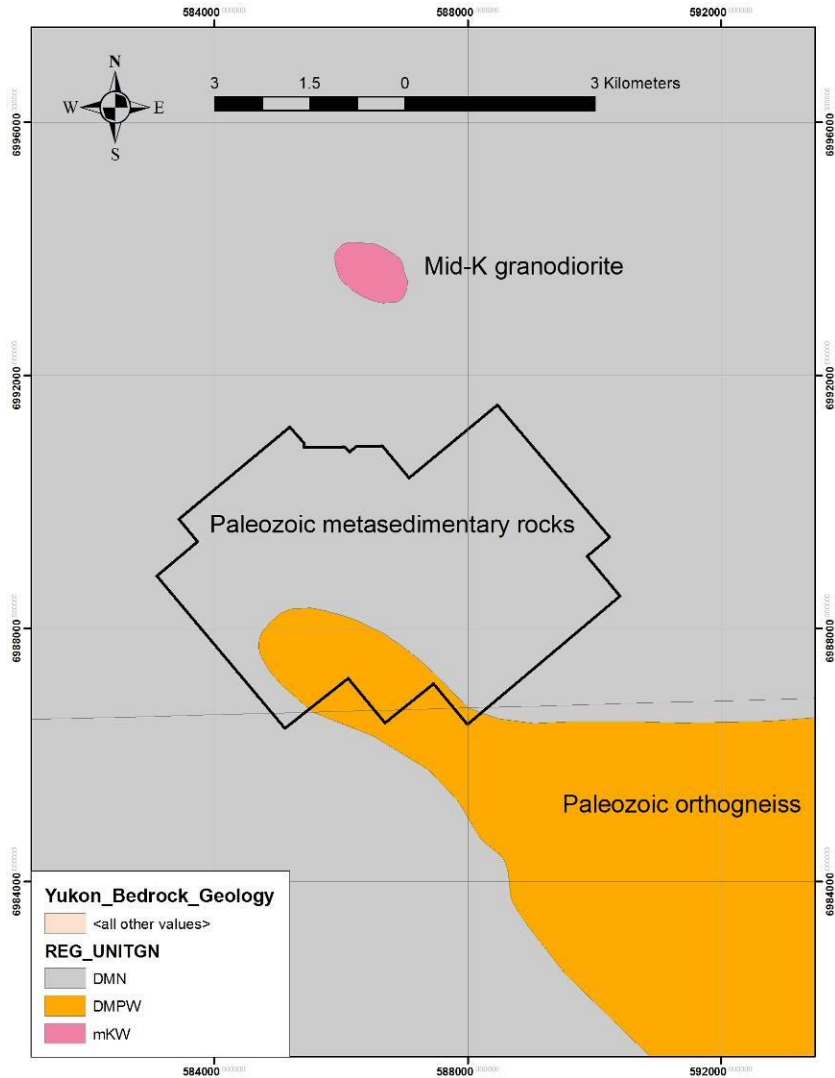
### 7.2 Property Geology

Rocks from the Kirkman area are assigned to the Yukon-Tanana terrane on regional geological maps and the claims cover two different rock units. The northeast part of the claim block is underlain by quartz-mica schist, and the southern part of the claim block is underlain by augen gneiss (Figure 5).



**Figure 4** Regional geological setting of the Kirkman claims (after Gordey and Makepeace, 1999). Coordinate system is UTM NAD83, zone 7.





**Figure 5** Local geological map for the Kirkman area (after Gordey and Makepeace, 1999). Coordinate system is UTM NAD83, zone 7.

## 8.0 CURRENT WORK

### 8.1 Soil Survey

Soil sampling was carried out by Ground Truth Exploration from Dawson City, Yukon. Four hundred and ninety-six (496) ridgetop and contour soil samples were collected with sampling stations spaced at 50 metres. The crew was based out of the Groundtruth Thistle camp and they completed the work during July 28-29, 2011.

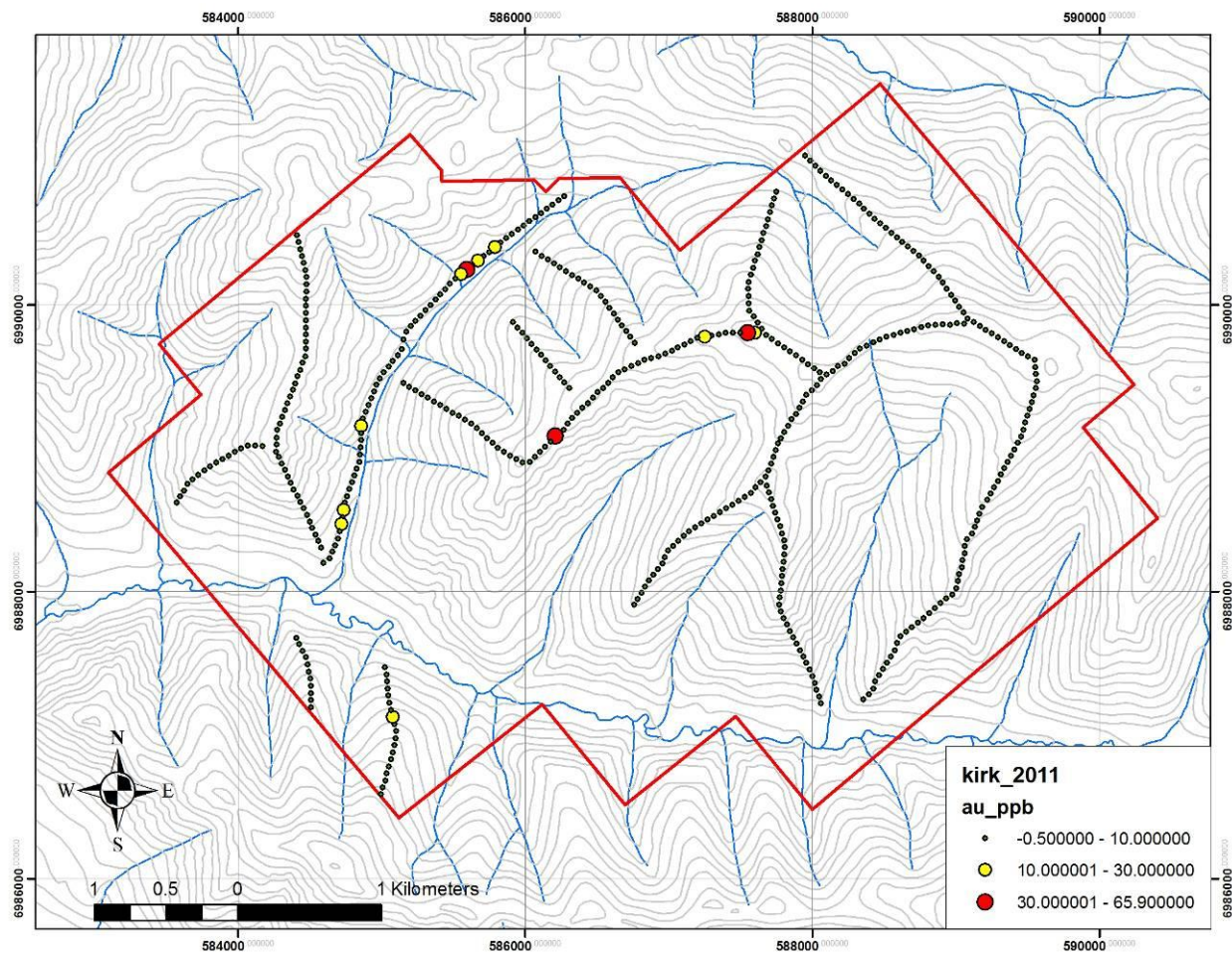
Samples were collected using a hand auger to various depths depending on the soil profile. The organic A horizon material was discarded, and augering continued until the C horizon rock chips were encountered, checking for false bottoms on the A horizon profile. Soil samples were collected over intervals varying from 60 to 70 centimetres, with maximum depth not exceeding the 1.25 meter length of the auger. Samples were placed directly in pre-marked bags. A field duplicate sample was collected at a rate of one every twenty-five samples. Sample number, location, depth, and geological parameters were recorded directly into a hand-held computer with a GPS reading of sample

location also stored separately as a backup. The sample location was marked with flagging tape and a metal tag on a nearby tree.

The sample information was downloaded from the hand-held computers into spreadsheets, and subsequently integrated into Kaminak's project database. Samples were submitted by the contractor to Acme Laboratories in Vancouver, British Columbia and analysed by ICP-MS for 37 elements (analytical package 1DX2).

## 8.2 Results

The soil sampling program yielded a number of samples with >10 ppb Au, considered anomalous for the region (Figure 6). These results are presented in Appendix 2. Other elements of interest such as As, Cu, Mo, Pb, and Zn are relatively subdued in the dataset.



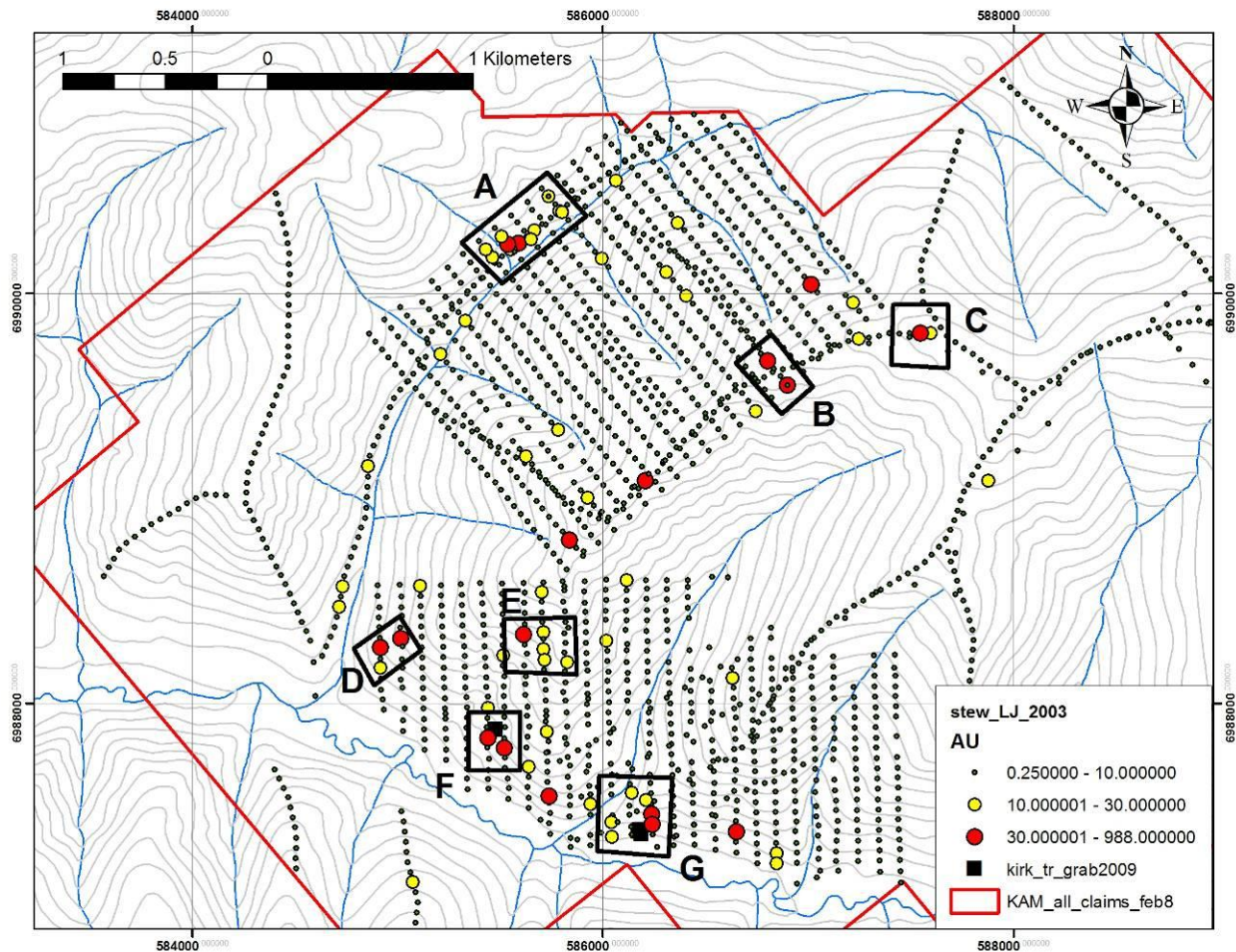
**Figure 6** Gold results from July 2011 reconnaissance soil samples from the Kirkman property. Coordinate system is UTM NAD83, zone 7.

## 9.0 DISCUSSION AND RECOMMENDATIONS

The September 2011 soil sampling program yielded new areas with anomalous gold geochemistry. As a number of gold anomalies have been identified in soil on the claims over the years, the focus of the work going forward should be prospecting for bedrock mineralization coupled with trenching. High-priority areas (areas A to G on Figure 7) are designated as locations defined by clusters of samples with >10 ppb Au and at least one sample with >30 ppb Au. A 10 day trenching and prospecting program is recommended:

1. 500 meters of trenching is recommended (approximately 100m at anomalies A to E on Figure 7).
2. A prospecting geologist/field assistant team should follow-up the trenching at anomalies A to E (Figure 7) and prospect other anomalies on the claims. 5m composite trench samples should be collected, where appropriate.
3. The estimated cost of the program is \$50 050 (Table 1).

Trenching has been attempted at areas F and G in 2009, yielding rock material with textures consistent with White Gold style mineralization, however with poor geochemical results. The 2009 sampling may have encountered low-grade shoulder areas, adjacent to a more strongly mineralized structure. The deep overburden at areas F and G may limit the trenching technique, and drill-testing at these locations will be required if the project is advanced to that point. In the meantime, the NE-trending river-cut in between anomalies F and G should be prospected.



**Figure 7** All gold-in-soil data available for the Kirkman claim block. Coordinate system is UTM NAD83, zone 7.



**Table 1** Estimated cost for the proposed Kirkman program.

<b>Item</b>	<b>cost</b>
Can-dig trenching (\$700/day; 10 days)	7000
Geologist + field assistant (\$750/day; 10 days)	7500
Helicopter time + fuel	20 000
Analytical (100 samples; \$50 per sample all-in)	5000
Mob; de-mob	5000
Report writing	1000
Total	\$45 500
10% contingency	\$4550
<b>Grand total</b>	<b>\$50 050</b>

## 10.0 STATEMENT OF EXPENDITURES

The total expenditures for the July 2011 program at KIRKMAN were \$27,227.67 (summarized in Table 2).

**Table 2** Cost summary for the July 2011 work at Kirkman.

<b>ITEM</b>	<b>contractor</b>	<b>cost</b>	<b>PO</b>	<b>notes</b>
<b>Geologist costs (compilation/report writing)</b>				
Alan Wainwright PhD PGeo (staff)	Kaminak	1000	N/A	total of 2 days of data compilation and report writing @ \$500 per day
Craig Finnigan PhD PGeo (staff)	Kaminak	500	N/A	total of 1 day of data of data compilation and report writing @ \$500 per day
<b>Helicopter during soil program</b>				
July 28 2011	Transnorth	2271.02	52501	1.1 hours helicopter time (out of 2 hr; \$4129.13 total) attributed to KIRKMAN
July 29 2011	Transnorth	1651.65	52502	0.8 hours helicopter time (out of 4.1 hr; \$8464.71 total bill) attributed to KIRKMAN
<b>Soil sampling</b>				
Soil sampling	Groundtruth Exploration	11,722.32	KAM 2011-04	496 samples collected
Analytical	ACME	6667.58	VANI091709	328 samples
Analytical	ACME	3415.1	VANI091845	168 samples
<b>TOTAL</b>				
		<b>\$27,227.67</b>		

## **11.0 REFERENCES CITED**

- Gordey, S.P. and Makepeace, A.J., 1999, Yukon bedrock geology in Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.), Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D).
- Ryan, S., 2004A, Geochemical report Kirkman 1-14 claims, Yukon Mining Incentive Program report 094490, 14 pages.
- Ryan, S., 2004B, Stewart regional soil survey 2003, YMIP # 03-082, 56 pages.
- Ryan, S., 2005, Geochemical/geophysical report Kirkman 1-40 claims, Yukon Mining Incentive Program report 094698, 59 pages.

## **12.0 STATEMENT OF QUALIFICATIONS**

I, Craig S. Finnigan, hereby certify that:

1. I am a mineral exploration geologist with offices at 1020-800 West Pender St, Vancouver BC, V6C 2V6.
2. I am a professional geologist licensed in Ontario.
3. I completed a Ph.D. on mineral deposits at the University of Toronto.
4. I am familiar with mineral deposit models and evaluating mineral claims.
5. I visited the Kirkman claims in 2009.

Respectfully submitted,

Craig S. Finnigan, Ph.D., P.Geol.  
Chief Geologist  
Kaminak Gold Corp.

### 13.0 APPENDIX 1 – KIRKMAN Claims

Claim#	Grant#	Expiry Date	Group Cert#	Recorded Date	Staking Date	district
1	YC23730	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
2	YC23731	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
3	YC23732	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
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5	YC23734	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
6	YC23735	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
7	YC23736	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
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13	YC23742	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
14	YC23743	2013/04/14	HD03094	2003/04/14	2003/04/10	Dawson
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16	YC30530	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
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23	YC30537	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
24	YC30538	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
25	YC30539	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
26	YC30540	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
27	YC30541	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
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31	YC30545	2013/04/14	HD03094	2004/04/21	2004/04/16	Dawson
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83	YC86868	2013/04/14	HD03094	2009/05/19	2009/05/08	Dawson
84	YC86869	2013/04/14	HD03094	2009/05/19	2009/05/08	Dawson
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89	YC87949	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
90	YC87950	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
91	YC87951	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
92	YC87952	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
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107	YC87967	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson

<b>Claim#</b>	<b>Grant#</b>	<b>Expiry Date</b>	<b>Group Cert#</b>	<b>Recorded Date</b>	<b>Staking Date</b>	<b>district</b>
108	YC87968	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
109	YC87969	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
110	YC87970	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
111	YC87971	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
112	YC87972	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
113	YC87973	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
114	YC87974	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
115	YC87975	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson
116	YC87976	2014/04/14	HD03094	2009/06/18	2009/06/12	Dawson

**14.0 APPENDIX 2 – 2011 soil sample locations and analytical results for select elements. All results in ppm except Au (ppb). Coordinate system is UTM NAD83, zone 7.**

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1053636	589333	6989746	2011	4.5	-0.1	7.1	68.3	0.8	5.7	0.3	44
1053637	589374	6989719	2011	5.5	-0.1	3.7	37.4	0.5	4.2	0.2	46
1053638	589417	6989692	2011	2.7	-0.1	3.9	69.7	0.5	4.2	0.2	50
1053639	589458	6989665	2011	2.6	-0.1	7.2	52.2	0.8	5.2	0.3	58
1053747	589248	6989800	2011	8.6	-0.1	6.8	122.5	0.8	6.7	0.3	51
1053748	589556	6989516	2011	-0.5	-0.1	14.1	42.4	1.9	9.2	-0.1	92
1053749	589500	6989639	2011	1.8	-0.1	10.6	42.2	1	6.9	0.3	57
1053750	589545	6989615	2011	4.6	-0.1	28.9	33.4	1.2	6.6	0.5	56
1053851	588051	6989529	2011	3.5	0.2	5.2	23.8	0.6	3.8	0.1	20
1053852	588010	6989559	2011	1.4	-0.1	9.3	27.5	1.1	8.6	0.5	65
1053853	587968	6989585	2011	4.5	-0.1	11.7	29	1.2	9.5	0.4	63
1053854	587927	6989616	2011	4.7	0.1	10.6	25.3	1	9.3	0.3	65
1053855	587884	6989646	2011	2.9	0.2	5.6	49.3	1.3	8.9	0.4	118
1053856	587842	6989674	2011	4.6	0.2	11.2	29.3	1.4	33.6	0.4	84
1053857	587802	6989704	2011	3.5	-0.1	10	15.9	1.2	135.5	0.4	124
1053858	587759	6989732	2011	4.2	0.3	7.5	34.9	1.1	10.9	0.4	52
1053859	587717	6989761	2011	3.1	-0.1	11	20.2	1.3	10.2	0.3	62
1053860	587676	6989791	2011	5	0.1	10.4	26	1	9.6	0.3	48
1053861	587646	6989834	2011	0.7	-0.1	7.5	21.1	0.9	9.9	0.5	67
1053862	587618	6989876	2011	9.7	0.2	25.1	32.3	2.2	10.2	0.3	68
1053863	587590	6989917	2011	3.2	-0.1	12.4	19.6	1	10	0.3	59
1053864	587559	6989958	2011	5.8	0.2	19.8	32.2	1.3	7.4	0.5	68
1053865	587556	6990009	2011	7	0.1	93.8	30.3	1	7.8	0.9	63
1053866	587555	6990061	2011	5.8	0.3	41	25.8	1.6	12.5	1.1	71
1053867	587550	6990110	2011	-0.5	-0.1	6.7	22.8	1.8	7	0.4	62
1053868	587554	6990160	2011	2.3	0.1	8.5	29.3	1.1	8.9	0.4	70

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1053869	587571	6990208	2011	3.2	-0.1	9.5	30.5	1.4	6.8	0.2	72
1053870	587584	6990256	2011	1.6	0.2	11.3	50.9	3.7	5.1	0.2	119
1053871	587598	6990306	2011	3.9	0.5	7.8	32.1	2.4	6.7	0.4	75
1053872	587617	6990353	2011	-0.5	-0.1	3.6	44.2	1.1	4.4	0.2	59
1053873	587630	6990403	2011	-0.5	0.1	0.9	15.3	1	3.7	0.1	21
1053874	587646	6990450	2011	-0.5	-0.1	0.9	20	0.7	2.3	0.1	27
1053875	587658	6990500	2011	0.9	0.1	1.9	17.2	0.8	2.9	-0.1	38
1053876	587675	6990547	2011	7	0.1	78.5	19.7	1.3	7.6	0.8	69
1053877	587687	6990596	2011	3.2	0.2	18.1	18.2	0.6	9.5	0.3	65
1053878	587703	6990645	2011	5.6	0.1	20.4	17.6	1.1	6.9	0.3	57
1053879	587717	6990693	2011	3.5	0.1	16.5	29	1.8	4.7	0.2	67
1053880	587730	6990741	2011	3.7	-0.1	11.1	13.2	0.3	6.5	0.3	46
1053881	587745	6990789	2011	0.8	-0.1	18	14	1	6.7	0.3	50
1054537	584476	6988536	2011	4	0.2	151	84.2	2.7	6.1	0.2	93
1054538	584496	6988489	2011	1.4	0.2	60.9	20.3	1	8.7	0.6	70
1054539	584514	6988443	2011	2	-0.1	24.1	12.6	1.1	15.2	0.4	74
1054540	584534	6988397	2011	2	-0.1	8.5	19.7	1	11.9	0.5	80
1054541	584555	6988353	2011	-0.5	-0.1	4.4	9.8	1.2	8	0.3	88
1054542	584575	6988306	2011	-0.5	-0.1	6.9	12.1	1	24.1	0.3	76
1054547	589359	6988905	2011	3.2	0.1	12.5	30	1.2	11.2	0.5	58
1054548	589336	6988861	2011	1.8	-0.1	34.7	27.1	0.5	15.1	0.3	66
1054549	589312	6988818	2011	1.4	-0.1	13.9	28	0.3	15.5	-0.1	75
1054550	589290	6988772	2011	1.1	-0.1	5.7	15.8	0.5	13.1	0.2	48
1055757	589556	6989516	2011	0.5	-0.1	16.1	42.3	1.8	9.4	-0.1	97
1055758	589562	6989466	2011	1.7	-0.1	11.8	38	1.4	11.3	0.2	65
1055759	589553	6989418	2011	4.2	0.1	25	41.2	1.7	11.6	0.3	68
1055760	589540	6989369	2011	0.9	-0.1	7.2	33.1	1.3	10.3	0.4	76
1063784	589549	6989566	2011	4.6	0.1	10.8	36.4	1.8	8.5	0.4	52
1072146	585019	6987474	2011	2.5	0.2	24.2	19.2	1.5	5.2	0.5	80

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072147	584505	6987194	2011	1.5	-0.1	4.5	99.3	2.5	6.3	0.6	114
1072148	584503	6987245	2011	1.8	0.2	3.5	85.1	3	7.3	0.2	113
1072149	584505	6987294	2011	2.1	0.4	6.5	67.7	3.6	6.1	0.3	138
1072150	584505	6987345	2011	5.2	0.2	7.2	35.2	1.5	7.6	0.3	67
1072184	587779	6989068	2011	1.4	-0.1	-0.5	27	0.7	10.8	-0.1	81
1072337	585086	6987079	2011	2.9	-0.1	41.3	15.8	1.7	9.1	0.9	82
1072338	585074	6987128	2011	14.3	-0.1	15.1	18.8	1.2	7.1	0.5	67
1072339	585062	6987176	2011	1.4	-0.1	16.2	20.6	1.6	6.8	0.5	83
1072340	585050	6987226	2011	2	-0.1	6.7	11.7	1.2	6.7	0.3	40
1072341	585138	6989689	2011	0.6	0.1	4.5	21.8	0.5	5.2	0.3	53
1072342	585108	6989649	2011	1.5	-0.1	8.5	24.1	0.9	8.6	0.3	51
1072343	585075	6989608	2011	1.3	-0.1	7.1	23.6	0.8	5.4	0.4	58
1072344	585046	6989568	2011	3.9	-0.1	8.1	9.8	1	12.2	0.3	105
1072345	585012	6989529	2011	1.6	0.1	9.6	26.7	1	8.9	0.3	73
1072346	584983	6989488	2011	2.4	-0.1	0.8	14.1	0.5	19.6	0.3	52
1072347	584983	6989488	2011	1.1	0.1	4.1	31.4	1.1	3.5	0.2	109
1072348	584962	6989443	2011	3.8	-0.1	1.5	14.1	0.5	18.9	0.3	53
1072349	584944	6989395	2011	0.6	-0.1	1.2	13.9	0.5	18.6	0.3	51
1072350	584924	6989349	2011	0.9	-0.1	2.6	11	0.5	5.4	0.1	101
1072544	584323	6988848	2011	4.5	-0.1	4.7	10.7	0.7	8.9	0.2	83
1072545	584342	6988802	2011	2.8	-0.1	5.5	13.7	1.3	10.5	0.3	87
1072546	584363	6988758	2011	-0.5	-0.1	5.9	13.7	1.1	12.1	0.4	75
1072547	584384	6988713	2011	4	-0.1	8.8	35	0.8	11.1	0.6	61
1072548	584409	6988668	2011	-0.5	-0.1	7.9	22.1	0.9	10.1	0.4	65
1072549	584431	6988625	2011	0.6	-0.1	6.5	15.4	1.1	10.6	0.4	70
1072550	584454	6988581	2011	4.8	-0.1	7.2	24.2	0.7	8.8	0.3	86
1072589	587851	6989202	2011	2.7	-0.1	7.6	45.4	3.3	11.7	0.3	126
1072590	587828	6989156	2011	-0.5	-0.1	2.5	24.2	1.1	7.1	-0.1	76
1072591	587800	6989114	2011	5.7	0.2	27.6	37.5	1.9	16.5	0.9	56

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072601	584418	6990437	2011	2.3	0.2	7.3	36.5	1.9	8.9	0.2	100
1072602	584442	6990341	2011	-0.5	-0.1	10	26	0.3	4.9	0.1	78
1072603	584465	6990243	2011	1.5	-0.1	6.4	8.4	1.6	8.3	0.3	104
1072604	584471	6990143	2011	-0.5	-0.1	3.2	10	0.9	10.8	0.2	89
1072605	584469	6990042	2011	2.1	-0.1	6.2	8.5	1.5	11	0.3	77
1072606	584469	6989942	2011	-0.5	-0.1	4.8	8.7	1	14.3	0.2	98
1072607	584468	6989841	2011	-0.5	-0.1	9.1	11.4	1.4	7.9	0.4	92
1072608	584468	6989740	2011	2	0.3	34	76.2	5.4	9.2	0.3	228
1072609	584465	6989641	2011	1.1	-0.1	12.8	24.2	0.6	8	0.2	107
1072610	584429	6989547	2011	0.7	-0.1	3	23.2	0.2	4.2	0.1	65
1072611	584393	6989453	2011	0.6	0.2	36.9	40.2	3.2	15.4	0.3	147
1072612	584357	6989359	2011	1.8	-0.1	40.7	45	0.4	2.6	0.1	62
1072613	584324	6989265	2011	1.8	-0.1	6.7	14.2	0.9	4.5	0.2	76
1072614	584287	6989172	2011	-0.5	-0.1	6.6	14.1	0.6	7	0.3	77
1072615	584265	6989075	2011	4	-0.1	9.2	12.6	1	13.7	0.4	74
1072616	584260	6988975	2011	-0.5	-0.1	5.9	10.1	0.6	8	0.3	69
1072617	584165	6989015	2011	1.6	-0.1	5.2	9.5	0.9	8.3	0.3	88
1072618	584114	6989018	2011	2.1	-0.1	5.3	11.5	0.7	11.8	0.4	62
1072619	584064	6989020	2011	-0.5	0.2	3.8	11.9	1	8.6	0.3	80
1072620	584018	6989001	2011	4	-0.1	4.4	12.1	1	6.2	0.4	88
1072621	583974	6988976	2011	1.2	0.2	4.9	14.2	0.9	5.5	0.3	63
1072622	583932	6988949	2011	3.2	0.4	20.8	33.3	1.4	7.3	0.6	71
1072623	583888	6988924	2011	-0.5	0.4	11.5	65.3	2.4	6.2	0.2	142
1072624	583844	6988899	2011	0.9	0.3	32.7	40.6	2.9	4.9	0.3	100
1072625	583800	6988875	2011	1.8	0.3	27.1	77.5	2.1	7.1	0.3	128
1072626	583800	6988875	2011	5.4	0.3	42.3	79.1	2.5	6.8	0.3	123
1072627	583761	6988845	2011	1	0.2	9.4	47.7	2.1	4.8	0.2	105
1072628	583720	6988814	2011	1.5	0.1	14.2	18.3	1.2	6	0.3	66
1072629	583680	6988784	2011	1.7	0.2	9.5	21.7	1.2	18	0.4	77

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072630	583643	6988750	2011	1.5	0.2	9.5	11.7	1.1	8	0.3	45
1072631	583619	6988706	2011	-0.5	0.1	5.6	20	1.1	4.8	0.2	67
1072632	583592	6988664	2011	3.5	0.2	55.7	50.1	3.1	6.8	1	119
1072633	583568	6988620	2011	2.8	0.2	8.8	38.7	1.9	4	0.4	97
1072636	584904	6989301	2011	5.3	-0.1	4.5	14.3	0.8	7.1	0.3	67
1072637	584884	6989256	2011	2	0.1	8.7	24.9	0.8	5.8	0.3	59
1072638	584864	6989208	2011	0.6	-0.1	4.7	13.4	0.8	4.7	0.2	78
1072639	584855	6989158	2011	14.1	-0.1	8.7	18.5	0.8	7.4	0.5	66
1072640	584855	6989106	2011	0.8	-0.1	6	15	0.8	7.4	0.3	79
1072641	584853	6989057	2011	2	-0.1	2.7	9.8	0.8	7.8	0.1	85
1072642	584850	6989006	2011	-0.5	-0.1	6.1	10.8	1.4	16.8	0.3	95
1072643	584848	6988955	2011	0.8	-0.1	4.7	15.4	0.8	6.5	0.2	59
1072644	584841	6988905	2011	-0.5	-0.1	3.2	10.6	0.8	5.3	0.1	87
1072645	584823	6988857	2011	1.7	-0.1	6.9	15.5	1.1	11.1	0.2	88
1072646	584808	6988809	2011	2	0.5	11	73.1	2.5	13.6	0.4	119
1072647	584790	6988762	2011	1.2	0.1	5.2	43.1	2	5.6	-0.1	107
1072651	587596	6989805	2011	10.1	-0.1	16.1	25.8	1.4	9.4	0.4	55
1072652	587545	6989805	2011	36.5	-0.1	6.6	47.6	1.4	12.7	0.1	104
1072653	587494	6989805	2011	0.7	-0.1	14.7	42.2	2	3.1	0.2	107
1072654	587444	6989804	2011	3.3	-0.1	13.5	35.6	1.8	7.2	0.4	65
1072655	587393	6989805	2011	3.5	0.1	13.7	36.6	1.7	8.5	0.5	74
1072656	587345	6989793	2011	3.9	0.1	32.5	47.5	2.6	8.8	1	107
1072657	587294	6989784	2011	9.5	0.2	13.2	46.2	2.2	8.8	0.6	80
1072658	587246	6989778	2011	13.6	0.3	10	67.3	4.3	12	1	172
1072659	587196	6989768	2011	3	0.1	46.6	96.9	4.9	10.4	2	241
1072660	587151	6989745	2011	3.2	0.2	12.7	30.9	2.2	6.4	0.4	72
1072661	587108	6989721	2011	2	0.2	9.7	51.4	3.5	7.4	0.3	110
1072662	587061	6989704	2011	0.6	-0.1	6.8	18.4	1.1	2	0.3	92
1072663	587061	6989704	2011	-0.5	-0.1	7.2	19.9	1.2	2.2	0.2	79



SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072664	587018	6989680	2011	2.5	0.3	22.9	85	1.7	13.4	0.4	94
1072665	586972	6989659	2011	2.4	0.2	45.8	52.8	3.8	10.6	2.2	138
1072666	586925	6989641	2011	0.5	0.6	37	59.8	3.9	7.8	1.4	142
1072667	586876	6989628	2011	1.9	0.1	1.6	105.2	3.8	4.1	0.1	123
1072668	586826	6989616	2011	4.9	0.5	9.8	27.6	2	10.1	0.5	95
1072669	586784	6989591	2011	-0.5	0.3	6.7	59.4	2.7	7.9	0.5	132
1072670	586736	6989573	2011	-0.5	-0.1	17.6	66.5	2.9	2.5	0.2	114
1072671	586690	6989551	2011	0.5	0.1	11.7	67.9	2.8	5.1	0.2	89
1072672	586645	6989528	2011	1.9	0.2	6.8	58.7	2.7	8.6	0.5	126
1072673	586608	6989494	2011	3.1	0.4	10.3	35.6	1.8	10.7	0.7	111
1072674	586574	6989457	2011	1.2	0.3	19.7	38	2.6	8.8	0.5	131
1072675	586540	6989419	2011	2.9	0.5	91.5	121.8	3	14.5	5.3	109
1072676	586500	6989391	2011	4.3	0.2	26.2	42.3	1.6	8.8	0.7	71
1072677	586468	6989352	2011	1.2	0.2	12.2	27.5	1.3	5.4	0.3	45
1072678	586433	6989315	2011	1.1	0.2	7.7	59.6	0.8	4.4	0.3	30
1072679	586395	6989281	2011	2.1	-0.1	22.3	133.4	0.3	7.2	0.1	64
1072680	586358	6989248	2011	0.6	0.2	20.6	71.2	0.5	4.4	0.3	46
1072681	586324	6989210	2011	-0.5	-0.1	13	82.2	0.4	1.5	0.1	61
1072682	586324	6989210	2011	0.7	-0.1	14.9	97.9	0.5	2	0.1	69
1072683	586291	6989172	2011	0.9	0.4	7.6	47.1	0.7	4	0.3	56
1072684	586266	6989129	2011	0.5	0.4	6.2	84.4	4.8	5.8	0.2	196
1072701	589056	6989868	2011	2	-0.1	5.4	28.4	0.7	6.8	0.4	68
1072702	589005	6989871	2011	2.2	-0.1	6.3	26.3	0.8	5.8	0.3	67
1072703	588957	6989860	2011	2.9	-0.1	5	25.4	1.7	9.6	0.5	52
1072704	588906	6989865	2011	6	-0.1	5.1	82.1	0.5	4.4	0.3	69
1072705	588856	6989861	2011	3.5	-0.1	5.9	79.4	0.4	5.8	0.3	56
1072706	588805	6989855	2011	2.7	-0.1	4.6	99.5	0.5	4.1	0.3	52
1072707	588805	6989855	2011	0.6	-0.1	4.9	109.8	0.4	4.9	0.3	55
1072708	588756	6989844	2011	5	-0.1	5.9	68.2	1.3	5.3	0.3	53

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072709	588707	6989829	2011	3.4	-0.1	3.4	75.3	0.5	4.1	0.2	37
1072710	588659	6989816	2011	-0.5	-0.1	3.9	39.2	0.7	4.3	0.3	29
1072711	588610	6989804	2011	-0.5	-0.1	1.2	67.9	0.2	2.1	-0.1	45
1072712	588563	6989789	2011	-0.5	-0.1	9.8	95.1	0.8	5.2	0.4	43
1072713	588514	6989776	2011	0.5	-0.1	6.3	43	1.1	6.8	0.4	43
1072714	588468	6989757	2011	3	-0.1	5.5	35.7	1	8.1	0.5	47
1072715	588422	6989737	2011	4.5	-0.1	3.1	27.5	1.3	9.9	0.4	32
1072716	588376	6989716	2011	2.3	-0.1	6.6	39.7	1	7.3	0.5	45
1072717	588330	6989694	2011	-0.5	-0.1	6.2	39.6	1.2	7.9	0.4	46
1072718	588292	6989662	2011	2.3	-0.1	6.7	57.6	0.6	6.1	0.5	49
1072719	588252	6989629	2011	0.8	-0.1	7	55	1.3	7.6	0.5	45
1072720	588221	6989590	2011	-0.5	-0.1	2.7	48	0.7	5.2	0.3	47
1072721	588176	6989571	2011	1.7	-0.1	2.5	19.4	0.8	5	0.3	45
1072722	588139	6989537	2011	-0.5	-0.1	2.7	83.8	0.3	2.2	0.2	47
1072723	588096	6989513	2011	9.1	-0.1	0.7	52	0.3	2.9	0.1	57
1072724	588056	6989482	2011	-0.5	-0.1	1.2	73.9	0.5	3.5	0.3	64
1072725	588030	6989439	2011	0.9	-0.1	7.5	40.8	0.9	6.7	0.4	52
1072726	587996	6989403	2011	1.4	-0.1	6.4	33.9	0.6	6.2	0.3	37
1072727	587957	6989371	2011	1	0.2	7.6	39.9	1.4	9.2	0.4	63
1072728	587933	6989327	2011	1.2	-0.1	17.4	36.1	2.1	7.8	1	105
1072729	587907	6989284	2011	1.3	-0.1	17.8	21.6	2.4	9.8	0.6	73
1072730	587886	6989238	2011	1.4	0.2	10.8	14.8	1.7	7.6	0.4	45
1072751	586270	6990756	2011	-0.5	-0.1	2.6	13.7	0.2	1.3	0.2	13
1072752	586230	6990728	2011	1	-0.1	6.2	25.4	0.3	3.2	0.3	36
1072753	586188	6990698	2011	1.1	-0.1	9.9	28.9	0.4	4.1	0.2	54
1072754	586148	6990669	2011	2.8	0.2	24.7	55.7	2.7	10.2	0.5	122
1072755	586107	6990640	2011	3.5	-0.1	1.5	14.9	0.5	18.6	0.3	54
1072756	586067	6990610	2011	1.8	-0.1	1.1	13.6	0.5	17.9	0.3	51
1072757	586026	6990582	2011	1.1	-0.1	5.5	14.5	1.3	7.7	0.2	42

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072758	585986	6990552	2011	1.5	-0.1	7.5	15.6	1	10.6	0.3	53
1072759	585945	6990523	2011	1.5	-0.1	7.6	20.7	1.3	18	0.3	45
1072760	585905	6990494	2011	0.7	-0.1	5.9	15.9	1.1	13.7	0.4	54
1072761	585864	6990464	2011	-0.5	-0.1	3.7	13.6	0.8	7.8	0.2	56
1072762	585826	6990432	2011	4.3	-0.1	11.9	20.9	1.4	13.6	0.5	61
1072763	585786	6990401	2011	8.2	-0.1	9.1	25.1	1.2	12.1	0.3	89
1072764	585786	6990401	2011	10.4	-0.1	9.2	24.2	1.2	11.8	0.3	89
1072765	585745	6990368	2011	6	0.2	9.2	23.6	1	6.4	0.3	60
1072766	585706	6990338	2011	1.5	-0.1	7.1	17.3	0.9	13.4	0.2	84
1072767	585667	6990306	2011	10.7	-0.1	6.3	19.3	1.2	15.9	0.4	62
1072768	585628	6990276	2011	6.5	-0.1	6.2	19.8	0.8	10.1	0.3	67
1072769	585588	6990244	2011	32.7	0.1	9.6	34.7	2	21.5	0.4	82
1072770	585549	6990212	2011	15.9	-0.1	5.2	20.5	1.5	15.1	0.3	84
1072771	585510	6990181	2011	7.7	-0.1	7.7	20.3	1	8.7	0.3	62
1072772	585473	6990146	2011	3.1	-0.1	6.5	20.3	1.2	13	0.4	76
1072773	585440	6990108	2011	9.3	-0.1	7	22.5	0.9	10.6	0.3	60
1072774	585406	6990073	2011	1.2	-0.1	8.6	13.9	1	10.8	0.4	54
1072775	585371	6990036	2011	5.4	-0.1	8.1	16.2	0.9	10.5	0.4	47
1072776	585337	6989998	2011	2.5	-0.1	8.8	12.3	1.4	19.5	0.5	43
1072777	585301	6989961	2011	1.9	-0.1	8	11.2	1.2	13.5	0.4	53
1072778	585301	6989961	2011	2.8	-0.1	8	12.2	1.3	13.5	0.4	58
1072779	585267	6989924	2011	4.3	-0.1	7.6	15.7	1.2	9.8	0.4	55
1072780	585233	6989887	2011	1.3	-0.1	19.9	20.7	1.2	14.6	0.3	86
1072781	585199	6989851	2011	1	-0.1	8.7	17.4	1.8	16	0.3	101
1072782	585167	6989813	2011	0.7	-0.1	5.7	13.7	1	9.5	0.2	108
1072783	586759	6989735	2011	7	0.2	10.5	22.2	1.4	6.6	0.3	70
1072784	586729	6989776	2011	4.5	0.4	8.3	52.4	1.1	3.7	0.2	55
1072785	586700	6989817	2011	1.1	0.1	20.1	42.9	2.1	5.5	0.3	105
1072786	586671	6989857	2011	2.5	-0.1	11.4	30.4	1.9	8.2	0.4	79

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072787	586642	6989897	2011	2.2	0.1	8.8	25.5	1.6	7.8	0.4	68
1072788	584772	6988715	2011	0.6	0.1	1.9	52.4	1.4	2.3	-0.1	81
1072789	584757	6988667	2011	5.2	-0.1	4.3	47.1	1.5	4.2	0.1	109
1072790	584739	6988621	2011	1.2	-0.1	8.1	37.1	1.2	5.9	0.3	84
1072791	584732	6988571	2011	10.4	-0.1	16.1	35.6	1.6	5	0.3	82
1072792	584723	6988521	2011	6.4	0.1	137	43.3	1.7	5.7	0.4	122
1072793	584716	6988471	2011	10.4	0.1	108.7	43.7	1.9	4.9	0.3	163
1072795	584704	6988421	2011	0.9	-0.1	41.8	27.3	1.6	7	0.1	125
1072796	584694	6988371	2011	-0.5	-0.1	147.7	43.5	11.2	12.7	0.4	175
1072797	584673	6988325	2011	-0.5	-0.1	66.1	36.8	3.6	11.5	0.5	105
1072798	584653	6988278	2011	2	-0.1	5.6	19.5	0.5	6	0.3	51
1072799	584633	6988231	2011	0.8	-0.1	8.9	20.8	1.1	4.6	0.2	62
1072800	584592	6988202	2011	-0.5	-0.1	8.4	16.2	1.1	6.9	0.3	68
1072851	585005	6986638	2011	3.4	-0.1	11.9	18	2	9.5	0.4	62
1072852	584991	6986590	2011	2.8	-0.1	9.1	28.6	1.6	5.9	0.4	69
1072853	587983	6991005	2011	-0.5	-0.1	14.6	52	0.4	4.3	0.3	37
1072854	587947	6991040	2011	1.5	-0.1	8.4	59.9	0.5	6.9	0.4	52
1072855	588019	6990970	2011	1.3	-0.1	5.5	14.2	1.3	8.5	0.2	59
1072856	588055	6990934	2011	-0.5	-0.1	5.4	26.7	1.5	8.4	0.2	77
1072857	584445	6987587	2011	-0.5	-0.1	12.7	66.4	3	2.6	0.4	112
1072858	584423	6987634	2011	2	0.1	41.3	74.4	2.7	5.2	5.2	171
1072859	584401	6987677	2011	2.3	0.2	17.9	92.8	3.4	6.8	0.7	229
1072876	587680	6988740	2011	0.8	-0.1	25	28.9	0.8	29.7	0.9	136
1072877	587696	6988692	2011	0.7	-0.1	3.7	26.5	0.8	8.2	0.2	89
1072878	587711	6988645	2011	-0.5	-0.1	2.2	29.9	0.6	9.8	0.2	80
1072879	587725	6988597	2011	3.3	-0.1	34.3	39.9	1.8	13.9	1.2	46
1072880	587740	6988550	2011	-0.5	-0.1	7.1	41	1.3	7.9	0.3	34
1072881	587756	6988502	2011	4	-0.1	7.2	57.1	0.6	6.8	0.5	60
1072882	587774	6988455	2011	-0.5	-0.1	2.6	49.9	0.3	1.6	0.1	41

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072883	587786	6988406	2011	-0.5	-0.1	3.7	69.6	0.4	3.6	0.2	47
1072884	587800	6988359	2011	-0.5	0.1	2.7	79.9	0.7	3.3	0.1	33
1072885	587806	6988310	2011	6.2	-0.1	7.1	39.3	0.8	7.6	0.5	50
1072886	587802	6988261	2011	0.8	0.2	7	40.3	1	7.4	0.4	49
1072887	587798	6988210	2011	4.5	-0.1	5.7	47.1	0.7	4.9	0.3	31
1072888	587790	6988160	2011	-0.5	0.1	4.3	78.3	0.7	4.9	0.2	45
1072889	587786	6988110	2011	2.7	-0.1	8.6	29.5	0.8	6	0.4	44
1072890	587783	6988060	2011	5.7	-0.1	6.6	30	0.6	6.2	0.4	42
1072891	587778	6988010	2011	1.5	-0.1	4	34.5	0.5	3.2	0.2	30
1072892	587772	6987961	2011	0.7	0.1	2.2	40.1	0.5	4.9	0.2	69
1072893	587768	6987911	2011	0.5	0.2	7.3	37.5	0.7	7.4	0.3	50
1072894	587778	6987863	2011	0.6	0.1	5.3	41.1	0.6	5.1	0.3	60
1072895	587799	6987818	2011	2.3	0.2	5.9	62.2	0.7	6.8	0.4	56
1072896	587820	6987772	2011	2	0.1	6.3	51.7	0.6	6.7	0.4	43
1072897	587843	6987727	2011	0.9	0.1	6.8	72.5	0.5	4.9	0.4	69
1072898	587864	6987682	2011	1.8	-0.1	7.7	113.6	0.9	10	0.4	55
1072899	587888	6987638	2011	1.4	-0.1	5.7	55.6	0.6	5.6	0.4	52
1072900	587910	6987593	2011	0.7	-0.1	4.2	135.5	0.5	3.3	0.2	74
1072951	588890	6987921	2011	1.8	-0.1	7.3	20.2	0.7	12.8	0.4	63
1072952	588850	6987887	2011	0.6	0.1	5.7	45.9	1.1	16.1	0.3	98
1072953	588812	6987852	2011	-0.5	-0.1	4.1	19.5	0.9	12.9	0.3	71
1072954	588774	6987818	2011	2.1	-0.1	5	28.1	0.9	11.5	0.2	80
1072955	588734	6987785	2011	3.8	0.2	6.9	40.6	1.3	14.9	0.3	74
1072956	588734	6987785	2011	4.2	0.2	6.2	37.1	1.3	13.6	0.2	85
1072957	588692	6987754	2011	-0.5	-0.1	7.2	15	1.7	9.7	0.4	47
1072958	588651	6987723	2011	5.7	-0.1	24.8	74.3	3.7	13.7	0.2	44
1072959	588611	6987691	2011	3.3	-0.1	11.3	17.7	1.6	12.7	0.5	48
1072960	588589	6987644	2011	1.3	0.1	5.7	27.6	1.2	7.5	0.4	58
1072961	588572	6987594	2011	-0.5	-0.1	4.8	23.2	1.1	7.5	0.4	72

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072962	588545	6987550	2011	1.6	-0.1	5.1	52.8	1	6.7	0.4	77
1072963	588517	6987506	2011	0.7	-0.1	7.6	69.9	2	9.4	0.2	90
1072964	588488	6987464	2011	-0.5	-0.1	2.8	52.9	0.4	4.7	0.2	40
1072965	588462	6987418	2011	-0.5	-0.1	2.6	50.5	0.7	5	-0.1	73
1072966	588462	6987418	2011	-0.5	-0.1	1.9	46.1	0.8	4.2	-0.1	69
1072967	588433	6987375	2011	-0.5	-0.1	2.3	135.3	0.9	4.3	0.2	120
1072968	588422	6987326	2011	2.7	-0.1	2.4	196.6	0.5	2	-0.1	58
1072969	588390	6987286	2011	0.6	-0.1	3	66	0.7	4.9	0.2	81
1072970	588353	6987252	2011	1.8	0.1	4.1	70.7	0.5	6.1	0.2	63
1072972	586613	6989938	2011	1.4	0.1	8.5	30.8	1.2	7.7	0.4	63
1072973	586583	6989979	2011	-0.5	-0.1	8.1	33.3	2.5	6.4	0.2	92
1072974	586554	6990020	2011	-0.5	-0.1	13.4	30.9	1.2	9.9	0.3	84
1072975	586525	6990061	2011	1.2	0.1	7.2	34.2	1.4	7.6	0.3	71
1072976	586493	6990100	2011	1.6	-0.1	5.3	32	1.3	5.1	0.2	63
1072977	586450	6990126	2011	0.8	-0.1	6.8	22.4	1	5.8	0.3	50
1072978	586408	6990153	2011	4.9	-0.1	5.5	28	0.9	3.9	0.2	44
1072979	586366	6990181	2011	0.6	-0.1	10.5	27	0.9	3.9	0.3	54
1072980	586324	6990207	2011	2.4	-0.1	7.6	27.1	0.7	4.1	0.2	54
1072981	586282	6990234	2011	3.6	-0.1	10.1	34.9	1.4	4.2	0.2	59
1072982	586239	6990261	2011	0.5	-0.1	4.8	27.9	1.2	4.2	0.1	55
1072983	586197	6990288	2011	0.8	-0.1	7.5	36	1.2	6.4	0.2	77
1072984	586155	6990314	2011	1.1	-0.1	4.6	35.4	0.8	3.7	0.1	44
1072985	586113	6990341	2011	1.4	-0.1	11.4	31.4	0.8	4.7	0.2	63
1072986	586070	6990369	2011	1	0.1	8.8	28.2	1	4.9	0.2	63
1072987	586070	6990369	2011	-0.5	-0.1	9.1	28.6	1	5.1	0.2	63
1072988	586303	6989419	2011	-0.5	-0.1	15.4	14.9	1.3	6.1	0.4	48
1072989	586270	6989458	2011	6.1	0.1	33.6	30.9	1.7	8.1	0.6	71
1072990	586237	6989496	2011	2	-0.1	8.3	70.3	3.3	5.9	0.3	136
1072991	586205	6989535	2011	1	-0.1	5.7	28.7	1.3	8.4	0.2	69

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1072992	586172	6989574	2011	2	-0.1	9	22.9	1.8	6.2	0.3	72
1072993	586140	6989612	2011	1	-0.1	6.9	46.8	1.8	8.6	0.1	73
1072994	586107	6989650	2011	-0.5	-0.1	5.1	35.5	1.5	4.6	-0.1	69
1072995	586075	6989688	2011	1.2	-0.1	4.4	38	1.3	2.7	0.1	49
1072996	586042	6989727	2011	2	-0.1	7.6	28.4	1.2	5.6	0.3	61
1072997	586010	6989765	2011	0.7	-0.1	5.1	35.6	0.9	2.7	0.1	54
1072998	585978	6989803	2011	-0.5	-0.1	5.2	40.6	0.7	3	0.2	47
1072999	585944	6989842	2011	0.7	-0.1	3.3	26	0.4	1.7	0.1	23
1073000	585913	6989879	2011	1.8	-0.1	5	16	0.9	3.5	0.2	31
1090537	585044	6987276	2011	1.2	-0.1	11.8	28.4	1.9	6.4	0.4	89
1090538	585040	6987325	2011	0.7	0.2	31.7	30.6	1.7	5.3	0.5	82
1090539	585034	6987375	2011	1.5	0.4	45.1	30.3	1.7	5.7	0.6	66
1090540	585030	6987425	2011	2.2	0.1	56	18.4	1.6	6.2	0.6	72
1090636	589180	6988591	2011	0.7	-0.1	20.8	33.4	0.5	8.9	0.3	77
1090637	589162	6988544	2011	0.9	-0.1	8.5	36.9	0.6	9.2	0.2	79
1090638	589145	6988498	2011	2.4	-0.1	12.2	22.9	0.9	10.3	0.4	58
1090639	589129	6988451	2011	1.3	-0.1	7.8	27.6	0.6	10.7	0.4	63
1090640	589110	6988404	2011	2	-0.1	9.2	22.4	1	8.4	0.5	56
1090641	589077	6988366	2011	0.9	-0.1	4.1	26.8	0.9	11	0.2	79
1090642	589060	6988319	2011	1.4	-0.1	12.2	29	0.7	13.6	0.2	72
1090643	589058	6988269	2011	1.5	-0.1	43.9	43.9	0.8	8.2	1.4	71
1090644	589042	6988222	2011	1.5	-0.1	4.8	20.2	1.2	13.6	0.2	129
1090645	589038	6988171	2011	-0.5	-0.1	3.4	18.6	0.8	8.2	0.2	97
1090646	589020	6988123	2011	1.3	-0.1	2.5	32.2	0.4	7.2	0.2	103
1090647	589011	6988074	2011	2.6	-0.1	3.8	19.4	0.4	6.2	0.1	56
1090648	588999	6988026	2011	-0.5	-0.1	2.9	21.9	1.1	18.1	0.2	83
1090649	588972	6987981	2011	1.1	-0.1	5.5	21.1	0.8	11	0.3	69
1090650	588930	6987952	2011	0.8	-0.1	5.2	30	0.9	13.6	0.2	87
1090651	586206	6989085	2011	65.9	0.4	3.2	77.3	3.2	3.6	0.2	161



SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1090652	586173	6989048	2011	0.8	0.5	3.8	58.6	3.2	8	0.2	124
1090653	586136	6989012	2011	1.6	0.3	8.4	31.4	1.5	5.8	0.4	71
1090654	586101	6988976	2011	3	0.8	121.7	96.5	6.1	7.8	0.8	252
1090655	586066	6988939	2011	0.6	0.5	10.6	38.5	1.8	25.8	0.5	123
1090656	586028	6988906	2011	2	0.8	7.3	26.8	1.9	8.6	0.5	79
1090658	585979	6988900	2011	0.8	-0.1	2.3	22.6	0.8	5.1	-0.1	95
1090659	585935	6988924	2011	1.8	0.1	8	68.4	3.4	5.8	0.3	158
1090660	585892	6988949	2011	4.6	0.3	6.5	29.6	1.3	9.3	0.3	71
1090661	585849	6988976	2011	2.1	0.1	5.1	41.3	1.3	7.2	0.3	66
1090662	585806	6989002	2011	2.7	-0.1	8.6	33.6	2.3	6.3	0.3	73
1090663	585769	6989037	2011	3.6	0.1	11.5	15.1	3.1	7.5	0.4	59
1090664	585731	6989071	2011	-0.5	-0.1	9.5	18.1	1.5	8.3	0.5	58
1090665	585695	6989105	2011	-0.5	-0.1	1.5	68.2	3.2	4.4	-0.1	138
1090666	585658	6989139	2011	-0.5	-0.1	5.7	26.1	1.6	7.2	0.2	82
1090667	585619	6989172	2011	0.9	-0.1	11.9	30.1	1.8	6.5	0.2	87
1090668	585577	6989199	2011	-0.5	0.1	7.6	21.1	1.5	9	0.3	60
1090669	585536	6989226	2011	3.8	0.1	7.5	26.3	1.3	6.9	0.3	62
1090670	585492	6989248	2011	3	-0.1	7.7	33.7	2	5.3	0.3	81
1090671	585449	6989275	2011	1.9	0.2	5.2	36.4	2.1	5.5	0.2	86
1090672	585404	6989300	2011	1.8	0.3	7.5	35.9	1.8	5.5	0.2	90
1090673	585363	6989327	2011	3.1	0.3	6.3	31.7	2.3	6	0.2	88
1090674	585319	6989352	2011	1.4	0.2	9	32.7	2	8.3	0.2	91
1090675	585276	6989376	2011	2.2	0.2	8.4	26.5	1.5	7.2	0.2	74
1090676	585233	6989402	2011	2.5	0.1	10.3	28.2	1.2	6.7	0.3	70
1090677	585233	6989402	2011	5.9	0.1	10.5	27.9	1.2	6.6	0.3	72
1090678	585190	6989428	2011	4.6	0.1	10.7	36.6	1.1	7	0.4	71
1090679	585149	6989457	2011	9.3	-0.1	9.4	21.2	1.1	5.4	0.3	65
1090680	585149	6989756	2011	0.8	-0.1	8.1	22.4	1.4	19.1	0.5	63
1090690	585024	6986684	2011	1.1	-0.1	9.1	38.5	1.7	5.1	0.3	89

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1090691	585030	6986734	2011	0.5	-0.1	4.8	10.1	1.2	7	0.1	40
1090692	584499	6987395	2011	0.8	0.3	35.8	106.9	6.7	10.1	3.2	381
1090693	584488	6987444	2011	-0.5	0.1	101	55.8	1.6	2.2	1.6	33
1090694	584479	6987494	2011	0.9	0.2	35.2	37.2	1.2	5.5	0.5	76
1090695	584467	6987543	2011	-0.5	-0.1	163.8	41.8	1.3	1.6	1.4	63
1090701	587759	6989035	2011	3.6	-0.1	7.6	22.3	1.3	10.8	0.4	68
1090702	587742	6988989	2011	-0.5	-0.1	1.4	28.8	0.6	10.4	-0.1	98
1090703	587742	6988989	2011	-0.5	-0.1	1.5	29.2	0.7	10.3	-0.1	92
1090704	587727	6988941	2011	1.3	0.2	9.3	20.3	1.1	9.9	0.7	57
1090705	587710	6988894	2011	2	0.2	4.3	19.4	0.9	10.2	0.3	43
1090706	587693	6988846	2011	0.9	-0.1	1.3	47.1	0.7	19.3	0.2	71
1090707	587671	6988801	2011	-0.5	-0.1	2.1	31.5	0.4	7.2	-0.1	67
1090708	587636	6988763	2011	3.6	-0.1	27.9	26.7	0.7	9.4	0.7	47
1090709	587602	6988726	2011	2	-0.1	6.5	60.2	2.1	9.1	0.1	163
1090710	587569	6988689	2011	0.9	-0.1	3.6	38.5	1.1	12.1	0.1	145
1090711	587528	6988660	2011	2.2	-0.1	5.9	44.1	0.7	8.9	0.2	119
1090712	587485	6988634	2011	1.5	0.1	6.7	31.1	1.4	11.6	0.5	87
1090713	587441	6988608	2011	-0.5	0.2	6.4	25.3	1.2	9.4	0.3	74
1090714	587398	6988582	2011	-0.5	-0.1	1.7	30.6	1.1	4.4	0.1	94
1090715	587354	6988555	2011	-0.5	-0.1	7.4	29.3	1.2	9.2	0.3	97
1090716	587312	6988529	2011	2.9	-0.1	1.4	85.4	6.4	9.7	1.3	168
1090717	587267	6988502	2011	2.7	0.1	7.9	85	3.6	4.9	0.2	151
1090718	587224	6988476	2011	1.5	-0.1	6.6	32.8	1.5	4.5	0.4	45
1090719	587182	6988450	2011	0.9	0.4	2.9	22.4	1.9	7.1	0.2	116
1090720	587138	6988423	2011	1.4	-0.1	3.6	31.7	0.9	6.2	0.2	79
1090721	587101	6988391	2011	3.1	0.2	2.9	45	1.8	8.7	0.2	85
1090722	587064	6988356	2011	-0.5	-0.1	1.4	45.4	0.5	5.9	-0.1	119
1090723	587064	6988356	2011	0.7	-0.1	1.6	45.2	0.8	5.4	0.1	130
1090724	587028	6988321	2011	3.5	0.1	9.3	52.8	7.3	33.9	0.7	101

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1090725	586992	6988287	2011	-0.5	0.2	0.8	51.1	1.5	6.5	-0.1	92
1090726	586970	6988242	2011	3.3	-0.1	1.1	56.5	2.7	14.2	0.1	78
1090727	586952	6988196	2011	1.9	0.2	1.8	58	2.7	8.7	0.1	61
1090728	586922	6988157	2011	0.8	0.2	2.8	21	1	8.9	0.3	61
1090729	586891	6988118	2011	0.7	0.2	3	21.1	0.5	8.9	0.2	133
1090730	586858	6988078	2011	-0.5	-0.1	2.9	27.9	0.5	5.8	0.2	97
1090731	586832	6988035	2011	0.9	-0.1	4	22.7	0.8	9.6	0.2	63
1090732	586806	6987993	2011	1.2	-0.1	24.3	44.7	0.9	10.1	0.8	76
1090733	586781	6987950	2011	1.1	-0.1	4	45	1.4	8.8	0.2	67
1090734	586758	6987910	2011	0.7	-0.1	4	52.3	1.2	8.1	0.2	75
1090801	589121	6989879	2011	3.6	-0.1	2.6	93.8	0.4	3.6	0.1	67
1090802	589164	6989853	2011	1.9	-0.1	5.2	96.8	0.8	4.9	0.2	55
1090803	589206	6989826	2011	3.6	-0.1	5.9	108.3	0.5	4.5	0.2	64
1090804	589290	6989772	2011	2.4	-0.1	5.1	79	0.4	4.2	0.2	54
1090805	589526	6989321	2011	1.8	-0.1	5.4	31.6	0.6	14.8	0.2	86
1090806	589511	6989274	2011	0.9	-0.1	1.3	42	0.3	10.6	-0.1	59
1090807	589496	6989227	2011	1.1	-0.1	0.7	19.9	0.5	5.6	-0.1	89
1090808	589482	6989178	2011	1.2	-0.1	2.4	29.4	0.8	17.1	0.2	206
1090809	589467	6989130	2011	2.1	-0.1	2.2	29.1	0.5	11.8	0.2	71
1090810	589451	6989083	2011	1.4	-0.1	7.1	31	0.7	18.9	0.3	75
1090811	589451	6989083	2011	1.2	-0.1	7.1	30	0.7	18.6	0.4	73
1090812	589428	6989037	2011	1.1	-0.1	15.7	29	0.5	15.6	0.2	82
1090813	589405	6988993	2011	0.9	-0.1	6.2	28.3	0.6	10.6	0.2	70
1090814	589382	6988949	2011	3.1	-0.1	7.3	25.7	0.7	8.9	0.2	63
1090815	589265	6988729	2011	0.7	-0.1	10	21	0.8	9.1	0.3	54
1090816	589218	6988641	2011	2.2	-0.1	7.3	23	0.6	8.1	0.3	52
1090819	589240	6988685	2011	0.8	-0.1	11.9	26	0.6	11.4	0.1	72
1090824	585024	6986684	2011	2	0.1	9.1	38.4	1.6	5	0.3	85
1092684	587934	6987550	2011	1.7	-0.1	5.9	30.1	2	6.7	0.2	70

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1092685	587957	6987505	2011	4.5	0.2	7.9	102.9	0.6	4.1	0.5	49
1092686	587979	6987460	2011	-0.5	-0.1	2.8	75.5	0.4	3	0.2	33
1092687	587997	6987413	2011	-0.5	-0.1	3.2	31.9	0.4	2.2	0.1	38
1092688	588013	6987365	2011	-0.5	-0.1	3.5	32.6	0.7	10	0.2	68
1092689	588026	6987316	2011	5.9	0.1	13.3	83.8	1.7	18.6	0.6	58
1092690	588044	6987269	2011	4.5	-0.1	4.3	34.9	0.5	7.6	0.3	74
1092691	588044	6987269	2011	3.6	-0.1	5.2	38.5	0.5	7.2	0.3	67
1092692	588058	6987221	2011	0.9	-0.1	4.7	79.1	0.5	3.6	0.2	45
1093181	585046	6986782	2011	-0.5	-0.1	39.1	15.5	1.4	10.7	0.9	58
1093182	585062	6986832	2011	3.6	0.3	38.6	39.9	1.2	8.7	1.5	75
1093183	585076	6986881	2011	0.9	0.1	2.8	35.5	1.3	3.8	0.1	36
1093184	585087	6986930	2011	3.1	-0.1	8.1	32.4	1.7	6.9	0.7	76
1093551	589079	6989904	2011	2.6	-0.1	4.7	24.5	0.7	6.1	0.2	61
1093552	589050	6989945	2011	3.8	-0.1	4.4	66.8	0.7	4.6	0.3	65
1093553	589021	6989987	2011	4.4	0.1	5.5	36.7	0.7	6.3	0.4	62
1093554	588992	6990029	2011	3.4	-0.1	4.6	84	0.6	5.9	0.2	62
1093555	588964	6990070	2011	3.3	-0.1	4.8	66.9	0.7	5.2	0.3	59
1093556	588934	6990112	2011	2.7	0.1	7.7	59.8	0.7	5.6	0.3	59
1093557	588907	6990155	2011	4.2	0.2	5.4	62.3	0.6	6.6	0.3	53
1093558	588877	6990195	2011	3.3	0.1	5.3	50.7	0.7	6	0.3	59
1093559	588842	6990232	2011	2.2	-0.1	4.7	32.4	1	6.2	0.2	75
1093560	588809	6990269	2011	2.8	-0.1	38.9	34.4	1.6	7.7	0.5	84
1093561	588774	6990306	2011	0.6	-0.1	35.7	37	1.5	7.8	0.7	105
1093562	588741	6990343	2011	4.1	-0.1	13.3	24.4	0.8	6	0.3	64
1093563	588703	6990375	2011	3.9	0.1	20.3	29.6	0.9	6.4	0.2	87
1093564	588664	6990407	2011	1.8	0.2	26.1	41.2	1.3	8.5	0.4	81
1093565	588625	6990438	2011	2.8	-0.1	16.4	32.9	1.5	6.9	0.3	92
1093566	588587	6990471	2011	1	0.3	30.1	44.5	2.1	8.2	0.5	103
1093567	588547	6990502	2011	0.5	0.1	18.4	53.3	1.6	6.7	0.3	101

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1093568	588508	6990534	2011	-0.5	-0.1	7.2	34.4	1.4	4.9	0.1	64
1093569	588470	6990566	2011	-0.5	-0.1	7.3	32.7	1.3	5.8	0.2	75
1093570	588431	6990598	2011	2.3	-0.1	7.6	26.8	1.2	7.3	0.3	67
1093571	588394	6990633	2011	4.2	-0.1	32.8	37.5	1.5	8.1	0.4	90
1093572	588358	6990669	2011	3.9	-0.1	13.7	30.7	1.5	6.6	0.2	101
1093573	588323	6990704	2011	0.6	-0.1	82.6	39.1	1.4	5.4	0.2	92
1093574	588286	6990738	2011	-0.5	-0.1	24.1	31.8	1.4	8.1	0.3	77
1093575	588246	6990771	2011	-0.5	-0.1	62.5	29.8	1.2	9.9	0.5	83
1093576	588206	6990803	2011	1.2	-0.1	26.9	33.3	1.7	8.2	0.4	82
1093577	588167	6990834	2011	-0.5	-0.1	7.2	60.9	1.8	8.9	0.5	111
1093578	588167	6990834	2011	-0.5	-0.1	7.5	69.1	2	9.4	0.8	123
1093579	588129	6990866	2011	1.8	-0.1	11.2	33.5	0.9	6.1	0.4	71
1093580	588091	6990899	2011	1.4	-0.1	9.8	38	1	6.7	0.3	77
1093581	588055	6990934	2011	0.7	-0.1	5.8	28.7	2	8.6	0.2	83
1093737	584407	6990486	2011	0.6	0.2	8.5	88.1	2.6	8.3	0.3	128
1093738	584431	6990388	2011	3.7	0.2	20.8	88.6	2.6	14.6	0.8	210
1093739	584455	6990291	2011	-0.5	-0.1	1.8	9.9	1.3	5	0.2	106
1093740	584472	6990193	2011	-0.5	-0.1	7.5	12.5	1.5	10.1	0.3	95
1093741	584474	6990092	2011	-0.5	-0.1	3.2	12.6	1.3	16.3	0.2	113
1093742	584468	6989992	2011	-0.5	-0.1	6.1	8.1	1.7	10.7	0.2	88
1093743	584470	6989893	2011	1	-0.1	7.2	7.4	3.7	18.9	0.3	93
1093744	584468	6989793	2011	1.3	-0.1	1.7	30.7	0.2	9.1	0.2	62
1093745	584468	6989793	2011	0.5	-0.1	2.1	28.4	0.2	9.7	0.2	65
1093746	584467	6989693	2011	1.5	0.2	23.1	32.6	0.6	19	0.1	114
1093747	584445	6989595	2011	0.8	-0.1	4.1	20.1	0.4	6	0.2	78
1093748	584409	6989501	2011	-0.5	-0.1	2.2	56.1	1.8	5.1	-0.1	155
1093749	584377	6989408	2011	2.4	0.3	38.9	59.9	3.7	10.7	0.2	130
1093750	584340	6989315	2011	1.8	-0.1	4.3	58.1	1.7	8.8	0.1	120
1093943	584305	6989221	2011	0.5	-0.1	4.3	12.7	0.5	6.2	0.3	66

SampleID	East	North	Year	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1093944	584270	6989127	2011	-0.5	-0.1	4.7	8.9	0.7	6.3	0.3	81
1093945	584263	6989028	2011	-0.5	-0.1	3.6	10.6	0.8	11.8	0.3	77
1093946	584280	6988939	2011	0.8	-0.1	5.4	10.7	1.1	11.8	0.3	67
1093947	584300	6988893	2011	1.2	-0.1	3.5	10.7	1.2	10.3	0.2	96
1094860	585094	6986980	2011	1.9	-0.1	115.8	47.5	2.3	6.4	1.1	98
1094861	585099	6987029	2011	2.4	-0.1	13.1	21	0.9	9.2	0.6	50