YUKON MINING INCENTIVE PROGRAM
REPORT
On the
APEX CLAIMS
FOCUSED REGIONAL PROGRAM CARMACKS AREA, YUKON

Whitehorse Mining District, Yukon

Work Completed June 13-28, 2007

Location: **1. 43 km NNW of Carmacks, Yukon**
2. NTS Map Area 115 I-07
3. Latitude: 62° 23' 00"N
Longitude: 136° 34' 40"W

For: **BCGOLD CORP**
Suite 1400, 625 Howe Street
Vancouver, BC
V6C 2T6

By: **R. Allan Doherty, P.Geo.**
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Whitehorse, Yukon
Y1A 2V2

Application Submitted by:

Andrew Brown, M.Sc., P.Geo.

Vice President Exploration BCGOLD CORP

January 31, 2008

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1.0 SUMMARY

The APEX property, comprised of 39 claims, in two groups of 27 and 12 claims located approximately 6 km north of the Minto copper–gold deposits in the Whitehorse Mining District of central Yukon. The claims were originally staked by Shawn Ryan of Dawson City, Yukon and are currently optioned to BCGOLD Corporation. The history of exploration in the area stretches back to the turn of the century when copper mineralization was first discovered at Williams Creek some 40 km south of the Minto copper-gold deposit. Foliated and non-foliated granitic rocks of the Early Jurassic Aishihik Suite underlie most of the property although rock exposures are poor comprising less than 10% of the area. Work completed in 2007 included MMI (Mobile Metal Ion) soil sampling, mapping, prospecting and rock sampling.

2.0 INTRODUCTION AND TERMS OF REFERENCE

The APEX Claim group is owned 100 % by Shawn Ryan of Dawson City Yukon subject to an option agreement with BCGOLD CORP whereby BCGOLD can earn a 100% interest in the APEX Claims as part of a larger 710 claim group located in the Carmacks copper-gold belt which hosts the Minto and Williams Creek deposits.

The purpose of this report is to summarize the work completed between June13-28th on the APEX 1-39 claims to comply with reporting requirements under YMIP

3.0 RELIANCE ON OTHER EXPERTS

This report is based upon the results of fieldwork partially supervised by the author, publicly-available assessment reports, and certain private reports prepared for and provided by BCGOLD CORP. There is no reason to believe that any of this information is incorrect.

The author has relied on information provided by the Yukon Mining Recorder to describe the mineral tenure status of the property and believes, to the best of his knowledge, that this information is correct.

MMI sampling was carried out by crews from Ryanwood Explorations Inc. Prospecting, mapping and rock sampling by Ann and Peter Ledwidge employed by Aurum Geological Consultants Inc., and sample data compilation and plotting was completed by Gary Lustig, M.Sc., P. Geo. of G. N. Lustig Consulting Ltd.

4.0 PROPERTY DESCRIPTION AND LOCATION

The APEX mineral claims are located 6 kilometres north of the Minto Copper Gold deposits, in the central Yukon (Fig. 1). The property falls within the Whitehorse Mining District on NTS map sheets 115I/11 and is centred at 62° 40' north latitude and 137° 20' west longitude. The claims cover favourable geology and regional airborne magnetic anomalies and Regional Stream Sediment anomalies that are prospective for Minto style copper-gold mineralization. The mineral claims are registered to Shawn Ryan of Dawson City, Yukon and are under an option agreement to BCGOLD CORP.

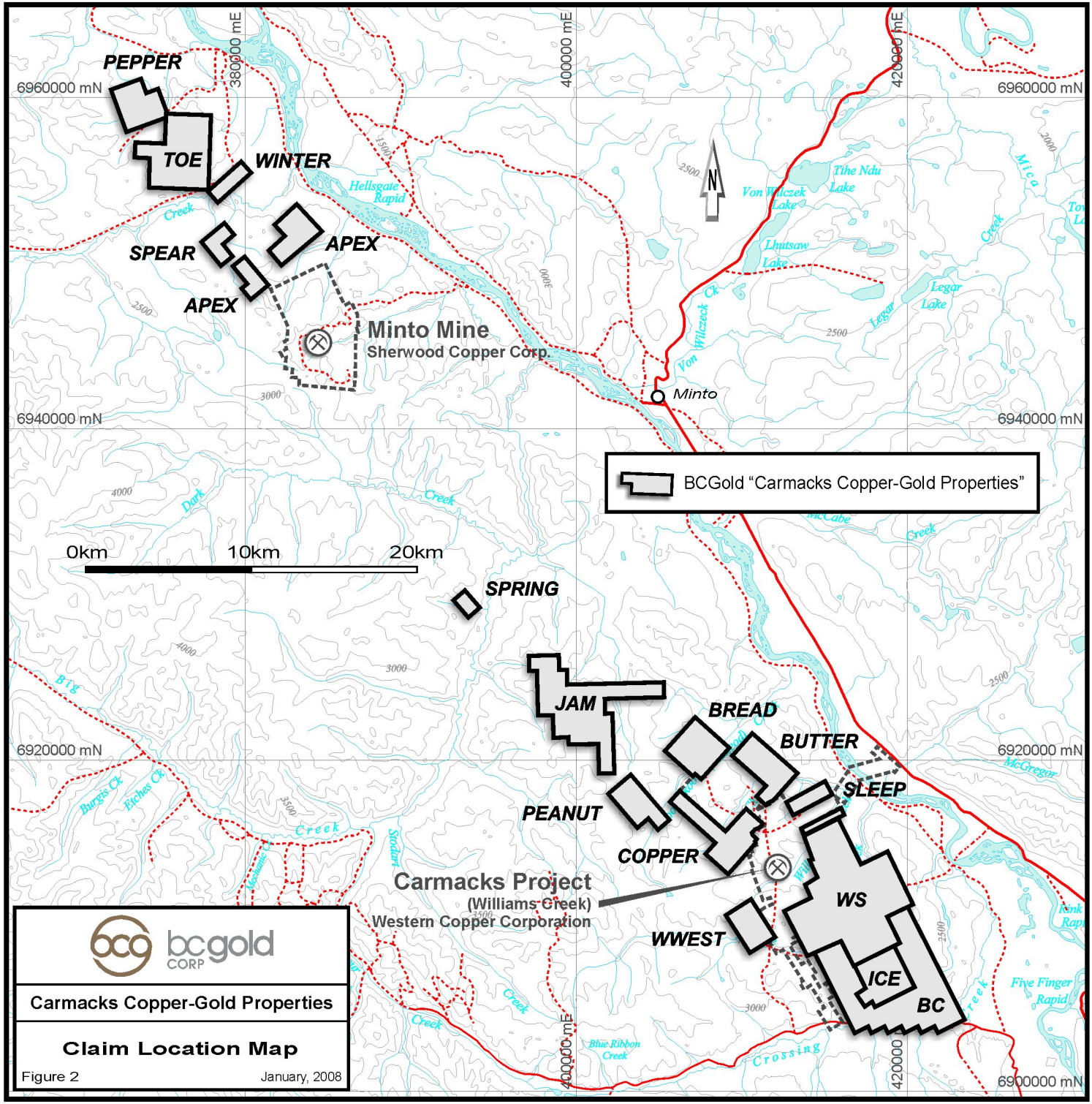

PEPPER
TOE
WINTER
SPEAR
APEX
APEX
Minto Mine
Sherwood Copper Corp.
Minto
SPRING
JAM
BREAD
BUTTER
SLEEP
PEANUT
COPPER
Carmacks Project
(Williams Creek)
Western Copper Corporation
WS
WWEST
ICE
BC
BCGold "Carmacks Copper-Gold Properties"
0km
10km
20km
N
380000 mE
400000 mE
420000 mE
6960000 mN
6940000 mN
6920000 mN
6900000 mN
Hellsgate Rapid
Tthe Nduˀ Lake
Von Wilczek Lake
Lhutsaw Lake
Legar Lake
Von Wilczek Ck
Mica Creek
McCabe Creek
McGregor
Dark Creek
Big Creek
Burgis Ck
Etches Ck
Stoddart Creek
Blue Ribbon Creek
Five Finger Rapid
Crossing
bcgold CORP
Carmacks Copper-Gold Properties
Claim Location Map
Figure 2
January, 2008

TABLE 1 - CLAIM DATA

Claim Name	Grant Number	No. Of Claims	Expiry Date
APEX 1-39	YC47182-YC47220	39	June 29, 2009

In accordance with the Yukon Quartz Mining Act, yearly extensions to the expiry dates of quartz claims are dependent upon conducting $100 of work per claim or paying the equivalent cash in lieu of work. Work must be filed in the year the work was completed. Excess work can be used to extend expiry dates up to maximum of four years. Assessment costs can be applied to adjoining claims through filing grouping certificates. Filing a statement of work and costs and submission of an assessment report to the Whitehorse Mining Recorder verifying completion of the work, are also required no later than six months after the anniversary date of the claim.

The claims are located within the Traditional Territory of the Selkirk First Nation, which has a land claim settlement Agreement under the Yukon Umbrella Final Agreement.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

Access to the property is by helicopter from Carmacks. Low precipitation and a wide temperature range characterize the climate. Winters are cold, and temperatures of -30° C to -40° C are common. Summers are moderately cool to hot, with daily highs of 15° C to 30° C. The Town of Carmacks or Pelly Crossing are the closest centre for obtaining groceries, fuel, accommodation and some limited rental and contracted exploration services. Trans North Helicopters maintains a summer helicopter base at Carmacks

6.0 HISTORY

The area covered by the APEX 1-39 claims may have seen some prior reconnaissance exploration work as part of the property work around the Minto deposit but no reference to prior work has been located.

7.0 GEOLOGICAL SETTING

7.1 Regional Geology

The Apex claims are located approximately 6 kilometers north of the Minto copper-gold deposits. This area of the Yukon is bounded by the Stikinia Terrane rocks to the east, Yukon Tanana Terrane rocks to the north and the Coast Plutonic Complex rocks to the west. The Minto and Williams Creek copper-gold deposits are hosted

within foliated biotite rich granodiorite and granitic rocks of the early Jurassic Aishihik Suite.

7.2 Property Geology

The APEX 1-39 claims are located north of the Def fault that truncates the northern portion of the Minto deposit. Rocks underlying the property are primarily foliated to non-foliated hornblende-biotite granodiorite with aplite dykes. Traces of malachite were noted in a few locations. Magnetite and 1-2% epidote were noted in a number of locations. To the north and northwest the Aishihik Suite intrusive rocks are overlain by Tertiary (?) and Quaternary Selkirk Volcanics primarily basalt flows.

8.0 EXPLORATION PROGRAMS

8.1 Mobile Metal Ion (MMI) Soil sampling

MMI sampling was completed on two lines across the Apex 3-14 claims. A total of 90 samples were collected and processed at SGS Mineral Services in Toronto. MMI sampling is a relatively new analytical process that measures mobile ion elements and is believed to be able to detect deeply buried mineralization. Results from the sampling are shown in Figures 2 – 4 which include sample location plots as well as plots for Cu and Au values. For both copper and gold there are some relatively low-grade anomalies at the southwest end of the lines. This suggests that additional sampling should be completed to the southwest. Raw data for the MMI soil sampling is provided in Appendix A.

Samples were collected using soil augers and mattocks whichever was appropriate depending on vegetative cover and the thickness of the organic horizon. Generally samples were collected 10-25 cm below the base of the organic horizon, were placed in a plastic zip-lock bag and then into a pre-numbered Kraft soil bag. The auger or mattock was cleaned after each sample with a jay cloth to avoid contamination.

At each sample location, a GPS reading was taken using the pre-numbered soil sample bag for reference. In a palm pilot, the following data was recorded:

Primary colour
Secondary colour
Sample site slope
Sample depth in cm
Sample quality (1-5)
Sample soil horizon
Sample site vegetation
Sample site ground cover
3 fields for notes

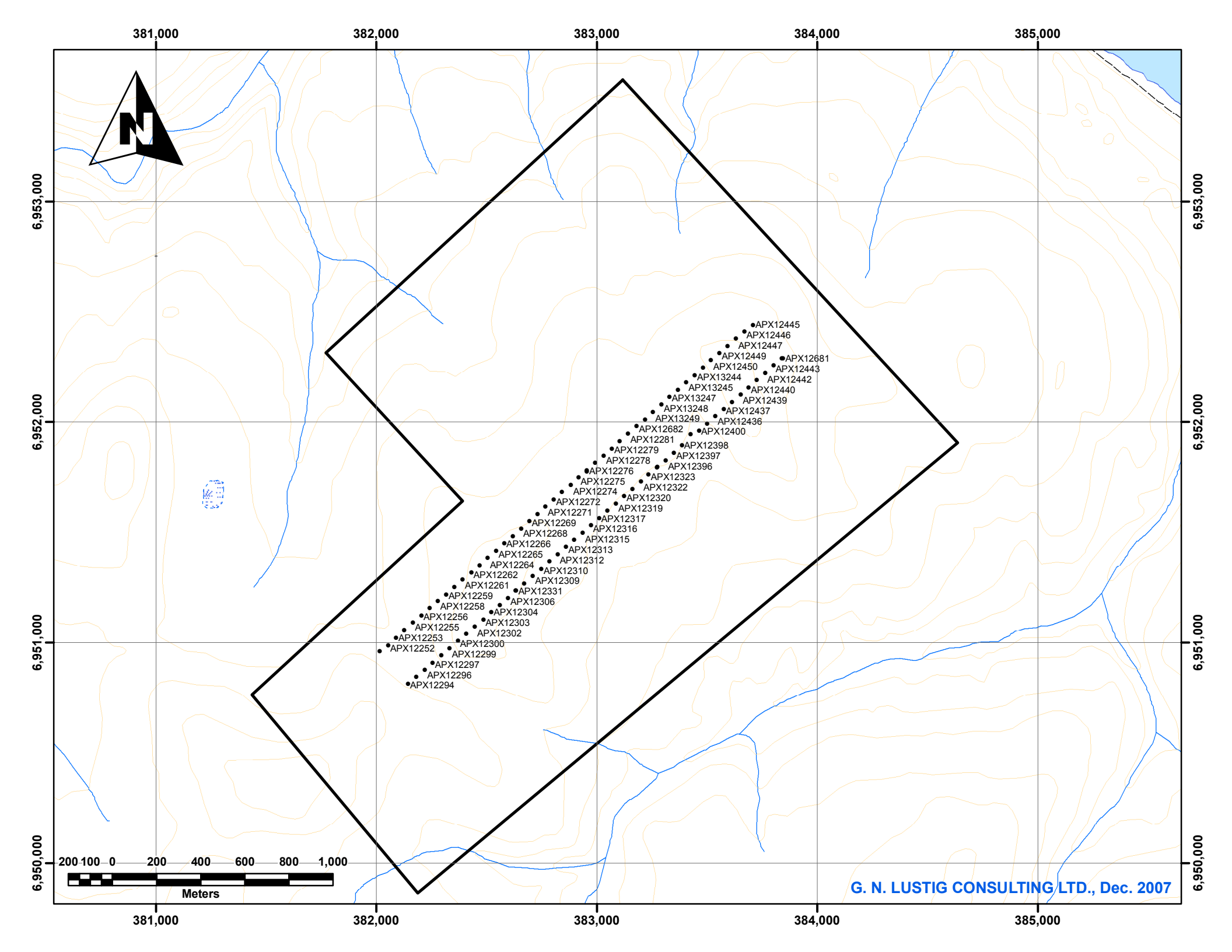
1 field for Freehand comments

Samples were shipped to SGS Mineral Services in Toronto where they were analysed using a weak acid leach. Sample analytical data was then merged with GPS and field data. With MMI samples the normal procedure is to determine the average value of the sample population and then divide each individual sample by the sample average to determine a ratio value, which is then plotted using percentile ranges to indicate anomalous areas.

Sample data for the APEX claims (Figure 2). Show an anomalous area located at the southwest end of the lines.

8.2 Rock Sampling Prospecting and Mapping

Peter and Ann Ledwidge spent two days prospecting, mapping and rock sampling on the Apex 1-39 Claims. Their work included collecting 16 rock samples on the claims. Twelve samples were collected on the Apex 1-27 claims and four samples on the Apex 28-39 claims. All samples were from foliated to non-foliated hornblende–biotite granodiorite and no significant anomalies were detected. All samples returned assays of <0.03 in gold and <0.01% copper. A table of sample results and analytical certificates are found in Appendix B.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385,000
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APX12447
APX12449
APX12681
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APX12442
APX13245
APX12440
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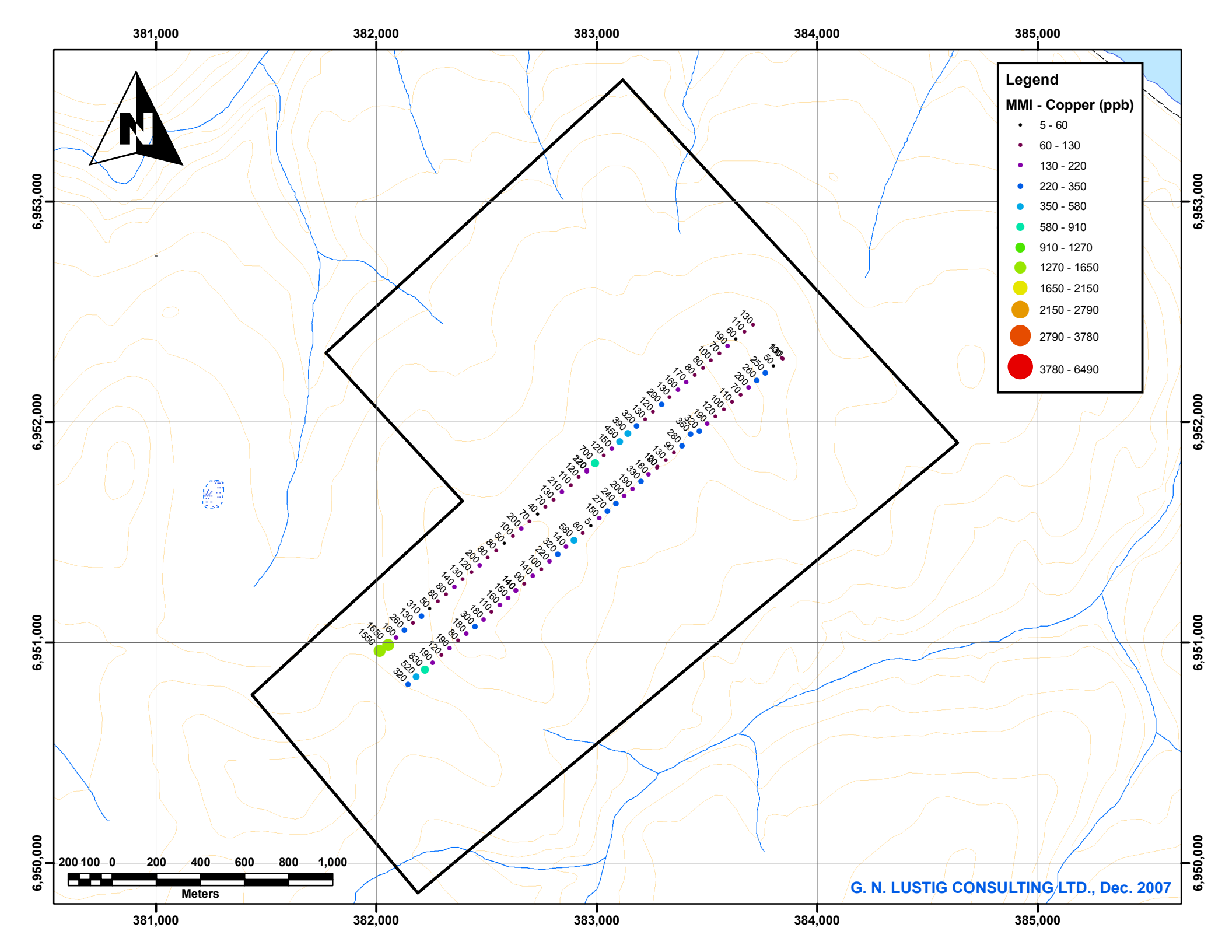
APX12259
APX12306
APX12258
APX12304
APX12256
APX12303
APX12255
APX12302
APX12253
APX12300
APX12252
APX12299
APX12297
APX12296
APX12294
200 100 0 200 400 600 800 1,000
Meters
G. N. LUSTIG CONSULTING LTD., Dec. 2007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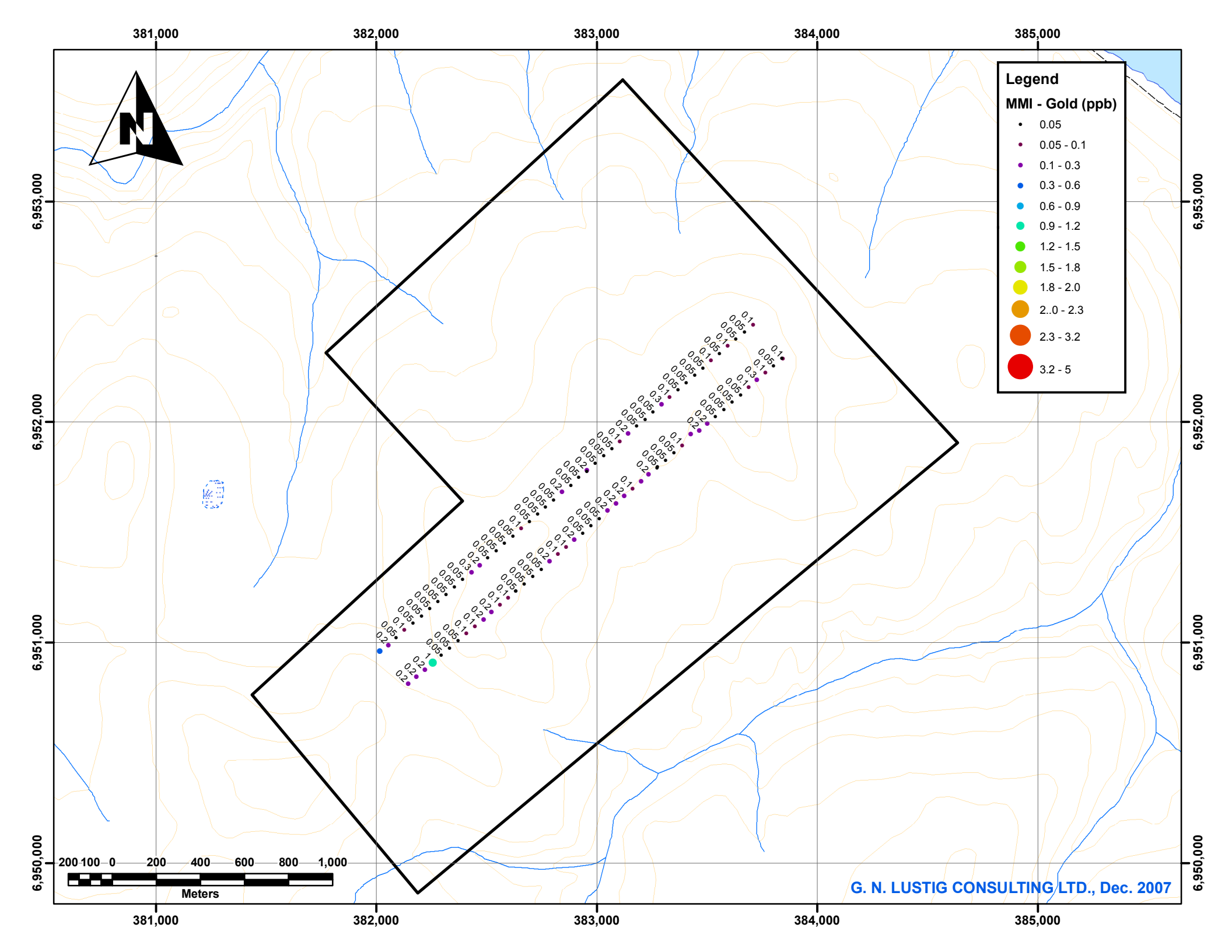
Legend
MMI - Copper (ppb)
5 - 60
60 - 130
130 - 220
220 - 350
350 - 580
580 - 910
910 - 1270
1270 - 1650
1650 - 2150
2150 - 2790
2790 - 3780
3780 - 6490
200 100 0 200 400 600 800 1,000
Meters
G. N. LUSTIG CONSULTING LTD., Dec. 2007


381,000
382,000
383,000
384,000
385,000
6,953,000
6,952,000
6,951,000
6,950,000
Legend
MMI - Gold (ppb)
0.05
0.05 - 0.1
0.1 - 0.3
0.3 - 0.6
0.6 - 0.9
0.9 - 1.2
1.2 - 1.5
1.5 - 1.8
1.8 - 2.0
2..0 - 2.3
2.3 - 3.2
3.2 - 5
200 100 0 200 400 600 800 1,000
Meters
G. N. LUSTIG CONSULTING LTD., Dec. 2007

9.0 INTERPRETATION AND CONCLUSIONS

The area of the APEX 1-39 claims is underlain primarily by Aishihik Suite foliated and non-foliated hornblende-biotite granodiorite with late aplite dykes. Although traces of malachite were observed in a few locations, assay results from 16 rock samples collected on the property failed to return any anomalous values in either copper or gold.

10.0 RECOMMENDATIONS

Additional MMI samples should be collected on the southwest side of the existing sample lines to determine if higher-grade anomalies for copper and gold can be detected.

Respectfully submitted;

***R. Allan Doherty, P.Geo*.**
December 27, 2007

11.0 STATEMENT OF COSTS

APEX Claims, NTS
115-I-11

MMI Soil Sampling and Prospecting and Rock Sampling

Application Budget $23,140.00
Detailed Statement of Work
APEXCLAIMS

MMI Soil sampling 4 man days @ $ 325/day	$	1,300.00
MMI Soil sample analyses (116 samples @ $ 40/sample)	$	4,640.00
Helicopter Costs (3.0 hrs @ $1200/hr)	$	3,600.00
Mob/de-mobilization 4 man days @ $325/day	$	1,300.00
Geology and Prospecting, sampling (4 day @ $600)	$	2,400.00
ICP Geochemistry (16 samples @ $20 ea)	$	320.00
Meals 14 man days @ $ 25 ea	$	300.00
Data Interpretation and Report	$	1,000.00
Total	**$**	**14,860.00**

R. Allan Doherty, P. Geo
January 31, 2008

12.0 CERTIFICATE OF QUALIFICATIONS

I, R. Allan Doherty, hereby certify that:

1. I am a consulting mineral exploration geologist with AURUM GEOLOGICAL CONSULTANTS INC., 106A Granite Road, Whitehorse, Yukon, Y1A 2V9.

2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977). I attended graduate school at Memorial University of Newfoundland, 1978-80. I have been involved in geological mapping and mineral exploration primarily in the Yukon continuously since 1980.

3. I am a "Qualified Person" as defined in Sec 1.2 of National Instrument 43-101.

4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564, and have been registered as a Professional Geologist since 1993.

5. I the author of this report on the APEX 1-39 Claims. The report is based on fieldwork conducted in 2007 under the author's supervision and on published assessment reports and company files.

6. I am the author of all sections of this report

7. I am not aware of any material fact or material change with respect to the subject matter of this technical report, which is not reflected in the technical report, the omission to disclose makes the technical report misleading.

8. I am independent of the Issuer and have no direct or indirect interest in the properties or securities of BCGOLD Corporation., or affiliated companies, nor do I expect to receive any.

9. I have had direct involvement with the exploration programs conducted on the area discussed in this report.

10. I have read National Instrument 43-101 and Form 43-101F and have prepared this Report on the Apex 1-39 in compliance with this Instrument and Form 43-101F1.

"R. Allan Doherty, P. Geo."

13.0 REFERENCES

Sinclair, W.D., 1977. Geology and mineral deposits of the Minto area, Yukon Territory. In: Yukon Mineral Industry Report 1977, Geology Section, Yukon Region, Indian and Northern Affairs, Canada, p 68-82.

Tafti, R., and Mortenson, J.K., 2004. Early Jurassic porphyry (?) copper (-gold) at Minto and Williams Creek, Carmacks Copper Belt, western Yukon. In Yukon Exploration and Geology 2003, D.S. Emond and L.L. Lewis (eds) Yukon Geological Survey, p. 289-303.

APPENDIX A

MMI SAMPLE ANALYITICAL RESULTS

ANALYTE	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	1	10	0.1	10	1	10	1	5	5	100	10
UNITS	PPB	PPM	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB	PPB
APX11354	38	7	60	1.7	13300	<1	480	4	10	18	<100	980
APX11364	19	4	40	1.1	6030	<1	250	2	<5	7	<100	530
APX11370	37	6	40	1.5	7650	<1	400	3	<5	10	<100	870
APX11384	35	5	40	1.2	7320	<1	380	3	<5	8	<100	790
APX12251	14	21	<10	0.4	4810	<1	650	12	284	77	<100	1550
APX12252	11	30	<10	0.2	2880	<1	570	27	198	116	<100	1650
APX12253	5	72	<10	<0.1	3710	<1	330	2	133	26	<100	160
APX12254	3	41	<10	0.1	4730	<1	470	1	176	21	<100	260
APX12255	5	32	<10	<0.1	3270	<1	410	2	23	12	<100	130
APX12256	8	92	<10	<0.1	2870	<1	380	<1	85	24	<100	310
APX12257	4	78	<10	<0.1	2410	<1	350	2	42	16	<100	50
APX12258	4	67	10	<0.1	2590	<1	290	<1	39	12	<100	80
APX12259	8	127	<10	<0.1	1070	<1	200	2	24	26	<100	80
APX12260	3	32	<10	<0.1	6270	<1	490	2	34	14	<100	140
APX12261	4	53	<10	<0.1	5300	<1	450	2	46	16	<100	130
APX12262	7	56	<10	0.3	3720	<1	330	2	41	7	<100	120
APX12263	5	30	<10	0.2	2710	<1	520	1	186	48	<100	200
APX12264	4	89	10	<0.1	3900	<1	270	1	123	14	<100	80
APX12265	4	89	<10	<0.1	3060	<1	440	1	72	17	<100	80
APX12266	4	62	<10	<0.1	3730	<1	260	1	265	11	<100	50
APX12267	4	214	30	<0.1	1350	<1	100	2	55	40	<100	100
APX12268	4	60	<10	0.1	4130	<1	500	<1	362	26	<100	200
APX12269	5	112	10	<0.1	1470	<1	270	3	153	40	<100	70
APX12270	4	185	20	<0.1	1050	<1	160	3	52	37	<100	40
APX12271	4	114	<10	<0.1	4400	<1	290	2	68	63	<100	70
APX12272	2	67	<10	<0.1	2850	<1	450	<1	733	21	<100	130
APX12273	3	144	<10	0.2	2890	<1	270	2	265	61	<100	210
APX12274	3	102	20	<0.1	3040	<1	270	1	50	22	<100	110
APX12275	5	52	<10	<0.1	3850	<1	380	3	36	15	<100	120
APX12276	9	57	<10	0.2	7550	<1	490	4	51	42	<100	220
APX12277	35	34	<10	<0.1	5490	<1	510	4	30	26	<100	700
APX12278	13	39	<10	<0.1	4070	<1	580	2	43	10	<100	120
APX12279	7	39	<10	<0.1	7150	<1	460	2	62	27	<100	150

ANALYTE	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	1	10	0.1	10	1	10	1	5	5	100	10
APX12280	4	24	<10	0.1	8730	<1	400	1	41	160	<100	450
APX12281	3	79	<10	0.2	6360	<1	370	1	424	244	<100	390
APX12283	7	44	<10	<0.1	7220	<1	450	4	50	23	<100	170
APX12294	5	5	<10	0.2	1870	<1	710	1	171	125	<100	320
APX12295	10	25	<10	0.2	1850	<1	610	3	327	45	<100	520
APX12296	5	54	<10	0.2	2420	<1	520	26	49	161	<100	830
APX12297	12	18	<10	1	3790	<1	520	<1	91	18	<100	190
APX12298	7	12	<10	<0.1	3080	<1	530	3	61	29	<100	120
APX12299	9	9	<10	<0.1	2120	<1	480	<1	61	19	<100	190
APX12300	5	8	<10	<0.1	2320	<1	700	1	39	6	<100	80
APX12301	5	18	<10	0.1	2830	<1	500	<1	243	18	<100	180
APX12302	16	29	<10	0.1	5030	<1	520	2	59	43	<100	300
APX12303	14	86	<10	0.2	4440	<1	410	1	121	48	<100	180
APX12304	6	61	<10	0.2	2440	<1	460	1	18	16	<100	110
APX12305	7	91	<10	0.1	1850	<1	390	1	66	20	<100	160
APX12306	6	31	<10	0.1	2300	<1	530	2	31	26	<100	150
APX12307	10	47	<10	<0.1	1940	<1	390	2	199	16	<100	140
APX12308	4	45	<10	<0.1	1520	<1	350	2	101	11	<100	90
APX12309	8	56	<10	<0.1	1940	<1	330	2	189	12	<100	140
APX12310	10	36	<10	<0.1	4520	<1	420	3	77	7	<100	100
APX12311	12	45	<10	0.2	3270	<1	490	1	121	75	<100	220
APX12312	27	79	<10	0.1	4100	<1	440	1	196	42	<100	320
APX12313	9	130	<10	0.1	2310	<1	430	1	226	35	<100	140
APX12314	5	46	<10	0.2	2650	<1	480	<1	553	94	<100	580
APX12315	8	68	<10	<0.1	4210	<1	470	2	142	22	<100	80
APX12316	<1	3	<10	<0.1	710	<1	20	<1	7	<5	<100	<10
APX12317	11	75	<10	<0.1	4510	<1	380	2	368	48	<100	150
APX12318	11	36	<10	0.2	2880	<1	420	<1	139	24	<100	270
APX12319	11	82	<10	0.2	3750	<1	450	1	143	74	<100	240
APX12320	9	105	<10	0.2	12500	<1	470	2	173	54	<100	200
APX12321	11	95	<10	0.1	21100	<1	450	2	230	98	<100	190
APX12322	13	7	<10	0.3	3230	<1	730	2	13	16	<100	330
APX12323	9	40	<10	0.2	11300	<1	600	1	152	27	<100	180
APX12324	10	24	<10	<0.1	5370	<1	590	3	142	14	<100	120

ANALYTE	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	1	10	0.1	10	1	10	1	5	5	100	10
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APX12395	7	80	<10	<0.1	4730	<1	350	2	137	35	<100	90
APX12396	6	83	<10	<0.1	3390	<1	410	1	160	84	<100	130
APX12397	4	24	<10	<0.1	3420	<1	400	1	39	10	<100	90
APX12398	9	15	<10	0.1	2270	<1	540	2	35	76	<100	280
APX12399	10	12	<10	0.3	4790	<1	680	<1	48	25	<100	350
APX12400	13	57	<10	0.2	5560	<1	440	1	274	70	<100	320
APX12435	19	12	<10	0.2	4630	<1	410	<1	56	35	<100	190
APX12436	6	28	<10	<0.1	4330	<1	430	2	104	17	<100	120
APX12437	5	33	<10	<0.1	2710	<1	450	2	79	22	<100	100
APX12438	9	36	<10	<0.1	3530	<1	380	2	32	8	<100	110
APX12439	5	76	<10	<0.1	4760	<1	510	2	38	8	<100	70
APX12440	8	55	<10	0.1	4540	<1	380	2	265	121	<100	200
APX12441	5	68	<10	0.3	4560	<1	390	1	87	98	<100	260
APX12442	5	61	<10	0.1	5110	<1	420	<1	134	50	<100	250
APX12443	6	72	<10	<0.1	1080	<1	360	1	188	7	<100	50
APX12444	16	50	<10	<0.1	6300	<1	390	1	42	19	<100	100
APX12445	3	84	<10	0.1	5520	<1	330	<1	90	40	<100	130
APX12446	3	220	20	<0.1	2350	<1	180	3	189	49	<100	110
APX12447	4	128	<10	<0.1	1260	<1	260	<1	57	16	<100	60
APX12448	3	160	20	0.1	3400	<1	140	<1	238	82	<100	190
APX12449	3	58	<10	<0.1	2400	<1	380	1	29	13	<100	70
APX12450	4	54	<10	0.1	5280	<1	320	1	109	15	<100	100
APX12681	16	56	<10	0.1	5940	<1	380	<1	86	22	<100	130
APX12682	2	22	<10	<0.1	2850	<1	540	1	95	27	<100	320
APX13243	8	53	<10	<0.1	3290	<1	260	<1	90	9	<100	80
APX13244	6	31	<10	<0.1	3360	<1	470	2	54	7	<100	80
APX13245	10	43	<10	<0.1	3560	<1	490	3	57	21	<100	170
APX13246	5	13	<10	<0.1	5940	<1	550	3	16	31	<100	160
APX13247	8	41	<10	0.1	4980	<1	610	2	49	23	<100	130
APX13248	5	15	<10	0.3	5930	<1	660	1	26	76	<100	290
APX13249	3	86	<10	<0.1	3560	<1	360	5	100	43	<100	120
APX13250	5	32	<10	<0.1	2960	<1	410	3	37	21	<100	130
APX11354	43	9	50	2	13000	<1	530	5	7	25	<100	1140

ANALYTE	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cu
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	1	10	0.1	10	1	10	1	5	5	100	10
APX12259	7	133	<10	<0.1	1410	<1	200	2	25	27	<100	80
APX12271	4	134	<10	<0.1	4540	<1	300	3	63	72	<100	70
APX12294	5	5	<10	0.2	1650	<1	700	1	126	97	<100	270
APX12306	6	25	<10	<0.1	2330	<1	530	2	24	23	<100	140
APX12318	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
APX12399	7	10	<10	0.2	4670	<1	640	<1	58	35	<100	350
APX12445	3	81	<10	0.1	5380	<1	360	<1	101	49	<100	160
APX13247	9	53	<10	0.1	5890	<1	600	2	72	30	<100	170
MMISRM14	20	37	20	45.5	60	<1	260	9	14	48	<100	770
MMISRM14	20	37	10	44.5	130	<1	260	8	14	48	<100	760
MMISRM14	20	37	10	44.9	80	<1	260	9	14	49	<100	760
BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5	<100	<10
BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5	<100	<10
BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5	<100	<10

ANALYTE	Dy	Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	0.5	0.5	1	1	1	5	1	5	0.5	1	5
UNITS	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
APX11354	3	1.6	<0.5	3	2	2	27	61	13	0.6	4	163
APX11364	1	0.8	<0.5	2	1	<1	12	30	7	<0.5	1	76
APX11370	1	0.8	<0.5	3	1	<1	20	53	8	<0.5	<1	124
APX11384	1	0.8	<0.5	2	<1	<1	18	52	8	<0.5	<1	97
APX12251	62	35.6	14.8	51	75	188	12	68	<5	<0.5	256	826
APX12252	27	17.6	7.9	53	38	132	<5	66	6	<0.5	163	942
APX12253	17	7.6	4.5	19	20	63	<5	61	<5	<0.5	70	76
APX12254	16	7	4.4	10	21	75	<5	91	<5	<0.5	70	73
APX12255	2	1	0.7	12	3	9	<5	56	<5	<0.5	10	56
APX12256	10	4.9	2.5	21	10	42	<5	81	<5	<0.5	32	87
APX12257	5	2.3	1.4	22	5	17	<5	44	<5	<0.5	17	70
APX12258	3	1.4	1	28	4	17	<5	45	<5	1	16	42
APX12259	3	1.7	1.1	59	4	9	<5	22	<5	1.2	12	82
APX12260	4	1.9	1.2	7	6	16	<5	69	<5	<0.5	17	51
APX12261	3	1.4	0.7	16	3	23	<5	88	5	0.6	14	62
APX12262	5	2.5	1.6	23	7	22	<5	52	5	0.8	27	37
APX12263	24	9.9	6.2	10	28	87	<5	84	<5	<0.5	86	139
APX12264	13	6	4.2	29	16	62	<5	40	<5	1.3	64	64
APX12265	3	1.4	1	11	4	55	<5	61	<5	<0.5	18	44
APX12266	7	2.9	2.5	18	12	121	<5	60	<5	2.2	77	21
APX12267	3	1.7	1	105	4	25	14	19	5	5.2	18	91
APX12268	19	8.1	5.3	9	25	253	<5	92	<5	<0.5	122	113
APX12269	9	4.6	2.5	49	11	91	<5	63	<5	2.5	52	54
APX12270	4	1.9	1.2	88	5	30	10	10	5	6.9	20	71
APX12271	9	4	2.3	36	10	30	<5	61	<5	0.5	34	115
APX12272	55	24.2	13.9	14	67	404	<5	80	<5	<0.5	287	130
APX12273	36	18.7	8.3	29	35	160	<5	75	<5	0.7	113	273
APX12274	3	1.3	0.8	29	4	27	<5	46	<5	3.3	15	75
APX12275	3	1.5	1	19	4	18	<5	58	<5	<0.5	15	78
APX12276	9	4.3	1.8	23	9	21	<5	54	<5	<0.5	24	195
APX12277	6	3.2	1.2	12	7	11	<5	71	<5	<0.5	14	163
APX12278	3	1.5	1.1	12	5	28	<5	82	<5	<0.5	19	56
APX12279	8	3.8	2.1	23	11	32	<5	50	<5	<0.5	35	114

ANALYTE	Dy	Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	0.5	0.5	1	1	1	5	1	5	0.5	1	5
APX12280	3	1.3	<0.5	105	4	18	<5	55	5	0.6	16	94
APX12281	59	32.2	12.5	46	59	163	<5	68	<5	<0.5	181	299
APX12283	7	3.2	1.5	20	8	18	<5	47	<5	<0.5	22	157
APX12294	10	5.3	3.4	15	16	106	<5	90	6	<0.5	84	103
APX12295	61	44.3	14	43	71	235	9	56	<5	<0.5	252	328
APX12296	18	13.8	3	42	14	18	12	36	<5	<0.5	34	1550
APX12297	11	5.1	2.7	10	14	50	<5	118	<5	<0.5	39	122
APX12298	7	3.2	2	8	9	21	<5	91	<5	<0.5	26	61
APX12299	11	4.5	3.3	4	14	40	<5	155	5	<0.5	42	58
APX12300	3	1.4	1	6	4	15	<5	109	<5	<0.5	18	35
APX12301	22	10.3	6.9	6	34	117	<5	134	<5	<0.5	125	52
APX12302	11	5.1	2.2	8	12	30	<5	99	5	<0.5	28	190
APX12303	29	18.3	5.2	13	24	63	<5	70	<5	<0.5	55	210
APX12304	2	1	0.6	33	3	8	<5	50	<5	0.6	8	62
APX12305	8	4	2.1	27	9	36	<5	54	<5	0.6	29	106
APX12306	3	1.3	0.7	13	3	18	<5	100	<5	<0.5	9	104
APX12307	20	8.1	4.8	15	23	108	<5	65	<5	<0.5	80	73
APX12308	3	1.5	1.1	31	5	36	<5	46	5	0.6	21	27
APX12309	17	7.9	5.2	17	22	107	<5	46	<5	<0.5	90	39
APX12310	8	4.1	2.3	11	11	42	<5	81	<5	<0.5	37	74
APX12311	22	9.5	3.8	7	20	63	<5	97	<5	<0.5	48	136
APX12312	18	9.4	4.2	21	20	106	<5	81	<5	<0.5	67	108
APX12313	22	10.9	5.6	31	23	116	<5	78	<5	<0.5	83	111
APX12314	93	53.2	17.2	8	91	188	6	99	<5	<0.5	215	246
APX12315	8	3.7	1.9	28	9	59	<5	93	<5	<0.5	33	87
APX12316	<1	0.5	<0.5	2	1	1	<5	3	<5	<0.5	3	<5
APX12317	22	10.6	6.4	34	28	162	<5	55	<5	<0.5	118	98
APX12318	20	10.4	5.1	11	25	63	<5	102	<5	<0.5	69	91
APX12319	80	50.1	19.8	26	90	164	11	92	<5	<0.5	229	276
APX12320	27	13.5	6.9	32	31	88	<5	71	<5	<0.5	89	261
APX12321	25	13	5.7	41	28	98	<5	72	<5	<0.5	90	401
APX12322	5	1.9	1.3	6	7	10	<5	43	6	<0.5	18	82
APX12323	12	5.4	3.1	18	16	58	<5	86	<5	<0.5	51	128
APX12324	18	8.7	5.2	13	26	106	<5	107	<5	<0.5	98	91

ANALYTE	Dy	Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	0.5	0.5	1	1	1	5	1	5	0.5	1	5
APX12331	20	7.6	5.9	16	26	146	<5	67	<5	<0.5	110	61
APX12395	6	3.1	1.8	33	9	68	<5	28	<5	0.7	44	49
APX12396	21	9.5	5.3	38	25	93	<5	66	<5	<0.5	86	178
APX12397	2	1.1	0.7	16	3	16	<5	48	<5	<0.5	14	37
APX12398	4	2.4	1.4	25	6	23	<5	84	<5	<0.5	21	65
APX12399	13	6.9	2.4	6	14	22	<5	124	<5	<0.5	28	138
APX12400	37	16.3	8.4	17	44	146	<5	103	<5	<0.5	134	335
APX12435	8	3.3	2	11	11	35	<5	64	10	<0.5	32	132
APX12436	6	3	1.6	18	8	35	<5	60	<5	<0.5	31	56
APX12437	3	1.6	1	22	5	26	<5	63	<5	<0.5	19	27
APX12438	2	0.8	0.5	18	3	19	<5	48	<5	<0.5	11	23
APX12439	3	1.7	0.7	28	4	14	<5	62	<5	<0.5	12	65
APX12440	27	11.1	7	31	33	147	5	76	<5	0.6	120	244
APX12441	35	21.7	4.1	4	24	63	<5	59	<5	<0.5	34	528
APX12442	16	7.4	3.9	20	19	88	7	85	<5	<0.5	63	293
APX12443	4	1.6	1.5	32	6	104	<5	70	<5	0.8	36	24
APX12444	6	2.5	1.3	23	7	21	<5	61	<5	<0.5	21	122
APX12445	14	7.1	3.5	12	15	41	<5	73	<5	<0.5	48	203
APX12446	31	17	5.7	75	26	120	<5	50	<5	4.8	82	120
APX12447	3	1.7	0.9	39	4	29	<5	58	<5	2.3	15	63
APX12448	21	9.2	5	50	21	144	5	49	<5	4.5	78	270
APX12449	4	1.9	1	27	5	14	<5	54	<5	<0.5	13	100
APX12450	14	6.8	3.6	22	17	52	<5	58	<5	0.7	54	103
APX12681	12	5.3	3	21	15	45	5	61	<5	0.7	48	135
APX12682	11	5.3	3.1	12	17	60	6	66	<5	<0.5	70	56
APX13243	5	2.4	1.5	30	7	46	<5	38	<5	3.1	30	25
APX13244	2	1.1	0.8	22	3	19	<5	46	<5	<0.5	14	23
APX13245	7	3.4	1.6	28	8	22	<5	77	5	<0.5	24	150
APX13246	3	1.6	0.7	9	4	5	<5	68	<5	<0.5	10	87
APX13247	7	4.3	1.5	8	8	9	<5	77	<5	<0.5	16	135
APX13248	9	5.3	0.9	9	8	13	<5	50	<5	<0.5	13	251
APX13249	10	4.9	2.7	28	12	46	<5	37	<5	1.4	41	71
APX13250	2	1.1	0.7	14	3	12	<5	58	<5	<0.5	12	48
APX11354	2	1.6	<0.5	4	2	<1	25	67	15	<0.5	2	208

ANALYTE	Dy	Er	Eu	Fe	Gd	La	Li	Mg	Mo	Nb	Nd	Ni
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	1	0.5	0.5	1	1	1	5	1	5	0.5	1	5
APX12259	3	1.5	0.9	73	4	10	8	23	<5	3.2	12	80
APX12271	10	4.5	2.2	45	10	27	<5	64	<5	0.7	31	124
APX12294	8	4.7	2.7	12	12	78	<5	85	7	<0.5	63	98
APX12306	2	1	<0.5	9	2	12	<5	84	<5	<0.5	6	91
APX12318	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
APX12399	18	10.9	2.7	5	17	24	<5	114	<5	<0.5	31	133
APX12445	17	8.7	4	14	17	48	<5	80	<5	<0.5	54	195
APX13247	10	6.7	2.2	14	11	17	<5	85	<5	<0.5	25	120
MISRM14	2	0.6	0.8	2	3	<1	<5	37	35	<0.5	9	271
MISRM14	2	0.6	0.8	2	3	<1	<5	36	35	<0.5	9	269
MISRM14	2	0.6	0.8	2	3	<1	<5	37	34	<0.5	9	284
BLANK	<1	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<0.5	<1	<5
BLANK	<1	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<0.5	<1	<5
BLANK	<1	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<0.5	<1	<5

ANALYTE	Pb	Pd	Pr	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	10	1	1	5	1	5	1	1	10	1	1	10
UNITS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
APX11354	80	<1	1	23	3	6	2	<1	1570	<1	<1	<10
APX11364	40	<1	<1	15	1	<5	<1	<1	720	<1	<1	<10
APX11370	40	<1	<1	20	2	<5	<1	<1	1200	<1	<1	<10
APX11384	40	<1	<1	18	2	<5	<1	<1	1150	<1	<1	<10
APX12251	20	<1	55	8	<1	31	60	<1	2780	<1	11	<10
APX12252	10	<1	38	6	<1	22	33	<1	2730	<1	5	<10
APX12253	100	<1	15	25	<1	25	16	<1	2550	<1	3	<10
APX12254	70	<1	15	27	<1	19	15	<1	3900	<1	3	<10
APX12255	30	<1	2	45	<1	<5	3	<1	3450	<1	<1	<10
APX12256	190	<1	8	15	<1	26	7	<1	3360	<1	2	<10
APX12257	70	<1	4	50	<1	10	5	<1	2380	<1	<1	<10
APX12258	50	<1	4	46	<1	7	4	<1	2290	<1	<1	<10
APX12259	80	<1	3	91	<1	12	3	<1	1220	<1	<1	<10
APX12260	40	<1	4	59	<1	<5	4	<1	5670	<1	<1	<10
APX12261	30	<1	4	58	<1	<5	3	<1	5650	<1	<1	<10
APX12262	40	<1	6	73	<1	9	6	<1	2340	<1	<1	<10
APX12263	70	<1	19	7	<1	20	20	<1	3960	<1	4	<10
APX12264	140	<1	14	79	<1	18	14	<1	2180	<1	2	<10
APX12265	80	<1	5	23	<1	11	3	<1	3300	<1	<1	<10
APX12266	30	<1	20	74	<1	11	12	<1	3080	<1	2	<10
APX12267	90	<1	5	85	<1	25	3	1	520	<1	<1	<10
APX12268	140	<1	32	21	<1	22	20	<1	4340	<1	4	<10
APX12269	100	<1	15	35	<1	26	9	<1	3010	<1	2	<10
APX12270	100	<1	6	77	<1	19	4	1	1010	<1	<1	<10
APX12271	200	<1	8	22	<1	15	9	<1	1620	<1	2	<10
APX12272	160	<1	72	31	<1	57	53	<1	2970	<1	10	<10
APX12273	380	<1	27	49	<1	78	26	<1	3070	<1	6	<10
APX12274	100	<1	4	76	<1	10	3	<1	2230	<1	<1	<10
APX12275	60	<1	4	40	<1	6	4	<1	2730	<1	<1	<10
APX12276	140	<1	5	26	<1	13	7	<1	4390	<1	1	<10
APX12277	100	<1	3	21	<1	6	4	<1	3360	<1	1	<10
APX12278	40	<1	5	8	<1	<5	4	<1	4980	<1	<1	<10
APX12279	70	<1	8	32	<1	8	8	<1	2720	<1	2	<10

ANALYTE	Pb	Pd	Pr	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	10	1	1	5	1	5	1	1	10	1	1	10
APX12280	20	<1	4	13	<1	16	3	<1	1620	<1	<1	<10
APX12281	230	<1	41	41	<1	164	45	<1	1730	<1	10	<10
APX12283	100	<1	5	24	<1	9	6	<1	3830	<1	1	<10
APX12294	<10	<1	20	7	<1	7	14	<1	2700	<1	2	<10
APX12295	20	<1	55	12	<1	20	52	<1	2020	<1	10	<10
APX12296	20	<1	7	6	2	20	10	<1	1920	<1	3	<10
APX12297	40	<1	9	11	<1	10	10	<1	4550	<1	2	<10
APX12298	30	<1	5	9	<1	6	7	<1	5190	<1	1	<10
APX12299	20	<1	9	5	<1	11	11	<1	3920	<1	2	<10
APX12300	<10	<1	4	8	<1	6	4	<1	7600	<1	<1	<10
APX12301	30	<1	26	15	<1	12	26	<1	4770	<1	4	<10
APX12302	70	<1	6	11	<1	8	7	<1	4140	<1	2	<10
APX12303	330	<1	12	46	<1	50	15	<1	3680	<1	4	<10
APX12304	60	<1	2	34	<1	<5	2	<1	3680	<1	<1	<10
APX12305	160	<1	7	52	<1	17	7	<1	2850	<1	1	<10
APX12306	50	<1	2	10	<1	<5	2	<1	4150	<1	<1	<10
APX12307	80	<1	19	31	<1	27	16	<1	3400	<1	4	<10
APX12308	30	<1	6	39	<1	9	4	<1	3040	<1	<1	<10
APX12309	60	<1	21	30	<1	26	19	<1	2430	<1	3	<10
APX12310	20	<1	8	51	<1	8	8	<1	3300	<1	2	<10
APX12311	150	<1	11	27	<1	27	12	<1	3160	<1	3	<10
APX12312	230	<1	17	52	<1	45	15	<1	3400	<1	3	<10
APX12313	220	<1	21	27	<1	77	18	<1	2770	<1	4	<10
APX12314	200	<1	47	23	<1	74	61	<1	2870	<1	15	<10
APX12315	80	<1	9	39	<1	18	7	<1	4270	<1	1	<10
APX12316	<10	<1	<1	<5	<1	<5	<1	<1	80	<1	<1	<10
APX12317	70	<1	30	47	<1	56	24	<1	2980	<1	4	<10
APX12318	50	<1	14	14	<1	22	18	<1	3420	<1	4	<10
APX12319	170	<1	49	55	<1	62	63	<1	2280	<1	14	<10
APX12320	230	<1	20	56	<1	44	24	<1	2470	<1	5	<10
APX12321	150	<1	21	46	<1	84	22	<1	2290	<1	4	<10
APX12322	<10	<1	4	11	<1	7	5	<1	2000	<1	<1	<10
APX12323	90	<1	12	40	<1	14	12	<1	3160	<1	2	<10
APX12324	60	<1	22	13	<1	7	20	<1	5080	<1	3	<10

ANALYTE	Pb	Pd	Pr	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	10	1	1	5	1	5	1	1	10	1	1	10
APX12331	60	<1	27	34	<1	29	21	<1	3170	<1	4	<10
APX12395	100	<1	12	23	<1	14	8	<1	2890	<1	1	<10
APX12396	150	<1	20	63	<1	48	20	<1	2060	<1	4	<10
APX12397	20	<1	4	16	<1	<5	3	<1	3000	<1	<1	<10
APX12398	20	<1	5	12	<1	6	5	<1	3960	<1	<1	<10
APX12399	50	<1	6	<5	<1	11	8	<1	4210	<1	2	<10
APX12400	150	<1	31	29	<1	36	33	<1	3090	<1	7	<10
APX12435	20	<1	7	25	<1	8	8	<1	3070	<1	2	<10
APX12436	10	<1	7	30	<1	9	6	<1	3340	<1	1	<10
APX12437	20	<1	5	17	<1	8	4	<1	4550	<1	<1	<10
APX12438	10	<1	3	67	<1	<5	2	<1	3090	<1	<1	<10
APX12439	30	<1	3	81	<1	9	3	<1	5300	<1	<1	<10
APX12440	130	<1	29	33	<1	45	27	<1	3390	<1	5	<10
APX12441	350	<1	8	36	<1	27	11	<1	3550	<1	5	<10
APX12442	180	<1	15	17	<1	23	14	<1	3440	<1	3	<10
APX12443	30	<1	11	36	<1	12	5	<1	2620	<1	<1	<10
APX12444	90	<1	5	110	<1	11	5	<1	3670	<1	1	<10
APX12445	200	<1	10	58	<1	39	12	<1	2360	<1	2	<10
APX12446	280	<1	20	27	<1	39	18	<1	2140	<1	5	<10
APX12447	50	<1	4	77	<1	11	3	<1	1720	<1	<1	<10
APX12448	220	<1	20	39	1	138	18	<1	1190	<1	4	<10
APX12449	50	<1	3	110	<1	11	3	<1	2610	<1	<1	<10
APX12450	110	<1	12	87	<1	22	14	<1	2910	<1	3	<10
APX12681	90	<1	11	69	<1	18	12	<1	3460	<1	2	<10
APX12682	20	<1	15	11	<1	6	14	<1	2620	<1	2	<10
APX13243	50	<1	8	39	<1	10	6	<1	2440	<1	<1	<10
APX13244	10	<1	3	41	<1	5	3	<1	3910	<1	<1	<10
APX13245	40	<1	5	26	<1	12	6	<1	3360	<1	1	<10
APX13246	20	<1	2	42	<1	<5	3	<1	3420	<1	<1	<10
APX13247	30	<1	3	23	<1	10	5	<1	3590	<1	1	<10
APX13248	100	<1	3	<5	<1	6	4	<1	4450	<1	1	<10
APX13249	80	<1	10	52	<1	19	9	<1	2070	<1	2	<10
APX13250	20	<1	3	63	<1	5	3	<1	2550	<1	<1	<10
APX11354	90	<1	<1	24	3	7	1	<1	1760	<1	<1	<10

ANALYTE	Pb	Pd	Pr	Rb	Sb	Sc	Sm	Sn	Sr	Ta	Tb	Te
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	10	1	1	5	1	5	1	1	10	1	1	10
APX12259	70	<1	3	98	<1	20	3	<1	1160	<1	<1	<10
APX12271	220	<1	7	27	<1	21	8	<1	1710	<1	2	<10
APX12294	<10	<1	15	7	<1	7	11	<1	2690	<1	2	<10
APX12306	30	<1	2	10	<1	<5	1	<1	3980	<1	<1	<10
APX12318	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
APX12399	40	<1	6	6	<1	12	10	<1	3840	<1	3	<10
APX12445	210	<1	12	55	<1	38	14	<1	2570	<1	3	<10
APX13247	50	<1	5	26	<1	16	7	<1	3690	<1	2	<10
MISRM14	100	48	2	295	1	6	3	<1	500	<1	<1	<10
MISRM14	90	47	2	289	1	7	3	<1	530	<1	<1	<10
MISRM14	90	49	2	291	<1	6	3	<1	540	<1	<1	<10
BLANK	<10	<1	<1	<5	<1	<5	<1	<1	<10	<1	<1	<10
BLANK	<10	<1	<1	<5	<1	<5	<1	<1	<10	<1	<1	<10
BLANK	<10	<1	<1	<5	<1	<5	<1	<1	<10	<1	<1	<10

ANALYTE	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	0.5	3	0.5	1	1	5	1	20	5
UNITS	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
APX11354	2.1	12	<0.5	9	<1	19	2	140	23
APX11364	1.1	<3	<0.5	5	<1	10	<1	70	<5
APX11370	1.1	<3	<0.5	7	<1	10	<1	30	<5
APX11384	0.8	<3	<0.5	7	<1	9	<1	30	<5
APX12251	15.5	5	<0.5	43	<1	380	29	80	37
APX12252	8	10	<0.5	105	<1	195	16	60	10
APX12253	8.4	39	<0.5	5	<1	83	5	100	14
APX12254	12.3	<3	<0.5	8	<1	84	4	80	11
APX12255	3.6	11	<0.5	2	<1	11	<1	200	<5
APX12256	15.1	34	<0.5	5	<1	50	4	30	17
APX12257	4.8	115	<0.5	2	<1	24	2	250	9
APX12258	4.9	209	<0.5	1	<1	16	1	70	10
APX12259	5.1	498	<0.5	1	<1	18	1	70	16
APX12260	4.2	<3	<0.5	2	<1	24	1	100	<5
APX12261	6.7	23	<0.5	2	<1	17	<1	160	<5
APX12262	5.3	216	<0.5	2	<1	29	2	170	11
APX12263	7.7	<3	<0.5	11	<1	111	6	130	10
APX12264	12.3	648	<0.5	3	<1	68	4	40	20
APX12265	12.2	44	<0.5	2	<1	16	1	80	10
APX12266	18.2	687	<0.5	3	<1	40	2	120	24
APX12267	14.5	2310	<0.5	2	<1	18	1	130	40
APX12268	15.4	8	<0.5	6	<1	117	5	50	8
APX12269	18.2	1450	<0.5	2	<1	49	4	170	17
APX12270	11.5	3010	<0.5	1	<1	21	2	170	33
APX12271	8.2	228	<0.5	2	<1	42	3	80	11
APX12272	25	5	<0.5	17	<1	303	16	40	15
APX12273	51.6	337	<0.5	13	<1	203	14	90	41
APX12274	19.2	1640	<0.5	2	<1	15	<1	60	22
APX12275	6.9	45	<0.5	3	<1	17	1	110	9
APX12276	7.4	5	<0.5	6	<1	43	3	120	10
APX12277	2.8	<3	<0.5	5	<1	29	2	460	<5
APX12278	4.8	<3	<0.5	2	<1	18	<1	60	<5
APX12279	5.4	22	<0.5	4	<1	41	3	130	5

ANALYTE	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	0.5	3	0.5	1	1	5	1	20	5
APX12280	8.1	72	<0.5	3	<1	15	1	100	12
APX12281	28.2	100	<0.5	28	<1	288	25	160	28
APX12283	6.3	3	<0.5	4	<1	32	2	160	6
APX12294	25	<3	<0.5	17	<1	58	4	40	9
APX12295	11.1	<3	<0.5	27	<1	496	38	200	<5
APX12296	2.9	11	<0.5	26	<1	122	14	100	<5
APX12297	8.5	<3	<0.5	6	<1	63	3	60	<5
APX12298	2.8	<3	<0.5	6	<1	40	2	60	<5
APX12299	5	<3	<0.5	12	<1	49	3	80	<5
APX12300	6.7	<3	<0.5	7	<1	15	1	50	10
APX12301	7.7	<3	<0.5	8	<1	126	6	60	<5
APX12302	2.9	<3	<0.5	9	<1	51	3	190	<5
APX12303	16.6	<3	<0.5	8	<1	164	14	340	7
APX12304	3.2	22	<0.5	2	<1	11	<1	80	6
APX12305	10	166	<0.5	4	<1	44	3	100	12
APX12306	3	3	<0.5	3	<1	17	<1	150	<5
APX12307	6.8	9	<0.5	9	<1	100	4	160	11
APX12308	7.8	189	<0.5	2	<1	16	1	100	9
APX12309	5.1	45	<0.5	6	<1	85	5	160	10
APX12310	3.2	8	<0.5	3	<1	47	3	190	<5
APX12311	4.9	<3	<0.5	11	<1	87	6	220	7
APX12312	16.1	6	<0.5	8	<1	96	7	180	20
APX12313	22.3	28	<0.5	9	<1	118	8	250	19
APX12314	11	<3	<0.5	27	<1	420	42	230	10
APX12315	10.6	12	<0.5	3	<1	41	2	180	7
APX12316	1	<3	<0.5	<1	<1	6	<1	<20	<5
APX12317	16.7	71	<0.5	8	<1	111	8	180	23
APX12318	7.8	28	<0.5	10	<1	117	7	90	9
APX12319	16.7	13	<0.5	42	<1	479	42	260	20
APX12320	18.3	42	<0.5	11	<1	148	10	170	16
APX12321	18	23	<0.5	15	<1	133	10	150	21
APX12322	4.2	<3	<0.5	38	<1	23	1	70	5
APX12323	13.5	6	<0.5	7	<1	61	4	180	11
APX12324	7.1	4	<0.5	4	<1	100	6	230	<5

ANALYTE	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	0.5	3	0.5	1	1	5	1	20	5
APX12331	9.7	27	<0.5	9	<1	99	4	150	15
APX12395	8.7	155	<0.5	3	<1	35	3	170	17
APX12396	12.5	114	<0.5	6	<1	102	7	30	16
APX12397	9.3	15	<0.5	2	<1	13	<1	50	5
APX12398	3	4	<0.5	4	<1	27	2	40	<5
APX12399	4.2	<3	<0.5	13	<1	57	5	<20	<5
APX12400	12.9	31	<0.5	27	<1	169	11	40	16
APX12435	5.3	27	<0.5	5	<1	42	2	30	5
APX12436	6.6	27	<0.5	3	<1	31	2	80	5
APX12437	6	31	<0.5	3	<1	17	1	30	<5
APX12438	4.7	48	<0.5	2	<1	9	<1	50	<5
APX12439	2.5	27	<0.5	1	<1	19	1	80	5
APX12440	20.2	194	<0.5	13	<1	126	7	80	19
APX12441	6.9	<3	<0.5	3	<1	235	15	60	<5
APX12442	14.6	53	<0.5	7	<1	88	5	50	9
APX12443	8.6	143	<0.5	4	<1	20	<1	20	11
APX12444	6.9	129	<0.5	3	<1	29	2	70	9
APX12445	33.5	98	<0.5	8	<1	72	6	30	34
APX12446	34.5	1860	<0.5	5	<1	213	12	120	28
APX12447	14	503	<0.5	1	<1	20	1	30	15
APX12448	64.7	2010	<0.5	13	<1	104	7	50	81
APX12449	3.2	141	<0.5	4	<1	22	1	60	11
APX12450	9.7	245	<0.5	4	<1	78	5	40	17
APX12681	8.3	413	<0.5	5	<1	57	4	80	10
APX12682	12.8	15	<0.5	8	<1	62	4	100	7
APX13243	9.1	819	<0.5	2	<1	26	2	50	11
APX13244	4.5	28	<0.5	2	<1	13	<1	80	<5
APX13245	5.5	44	<0.5	5	<1	38	2	270	9
APX13246	2.2	12	<0.5	3	<1	19	1	30	<5
APX13247	2.6	6	<0.5	4	<1	43	3	20	<5
APX13248	2	<3	<0.5	3	<1	48	4	30	<5
APX13249	7.5	613	<0.5	3	<1	50	4	770	17
APX13250	5.3	75	<0.5	2	<1	12	<1	530	<5
APX11354	1.9	20	<0.5	10	1	20	2	190	23

ANALYTE	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr
METHOD	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
ETECTION	0.5	3	0.5	1	1	5	1	20	5
APX12259	6	559	<0.5	2	<1	17	1	100	20
APX12271	9.1	330	<0.5	3	<1	47	3	100	13
APX12294	21.6	<3	<0.5	16	<1	46	4	40	<5
APX12306	2.1	5	<0.5	2	<1	11	<1	160	<5
APX12318	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
APX12399	4.4	<3	<0.5	13	<1	73	8	<20	<5
APX12445	28.3	87	<0.5	10	<1	85	7	40	26
APX13247	5.3	13	<0.5	5	<1	64	5	40	7
MISRM14	13.6	<3	<0.5	33	<1	7	<1	320	8
MISRM14	13.8	<3	<0.5	34	<1	8	<1	320	7
MISRM14	13.8	6	<0.5	33	<1	8	<1	310	8
BLANK	<0.5	<3	<0.5	<1	<1	<5	<1	<20	<5
BLANK	<0.5	<3	<0.5	<1	<1	<5	<1	<20	<5
BLANK	<0.5	<3	<0.5	<1	<1	<5	<1	<20	<5

APPENDIX B

ROCK SAMPLE DESCRIPTIONS, LOCATIONS
and

ANALYTICAL RESULTS

APEX 1-39 CLAIMS ROCK SAMPLE DESCRIP[TIONS AND LOCATIONS

SAMPLE	EAST	NORTH	Au (g/t)	Cu (%)	TYPE	.ITHOLOG`	MINERALOGY	CLAIM
78856	382839	6951764	<0.03	<0.01	grab	Biotite-hornblende granodiorite, weak foliation?		APEX 7
78857	382909	6951871	<0.03	<0.01	grab	Non-foliated biotite-hornblende granodiorite		APEX 10
78858	382688	6951539	<0.03	<0.01	grab	Biotite granodiorite, weakly foliated		APEX 7
78859	382684	6951499	<0.03	<0.01	float	Biotite grar	trace malachite?	APEX 7
398004	382516	6950446	<0.03	<0.01	comp grab	Aplite dyke, granodiorite, epidote, hematite		APEX 20
398005	382490	6950440	<0.03	<0.01	float	Granite, non-magnetic, very fine-grained epidote		APEX 20
398006	382587	6951334	<0.03	<0.01	grab	Epidote and k-spar vein		APEX 8
398007	382587	6951334	<0.03	<0.01	comp grab	Granodiorite, very fine-grained biotite		APEX 8
398008	382516	6950446	<0.03	<0.01	comp grab	Aplite dyke, granodiorite, epidote, hematite		APEX 20
398009	382490	6950440	<0.03	<0.01	float	Granite, non-magnetic, very fine-grained epidote		APEX 20
398010	382587	6951334	<0.03	<0.01	grab	Epidote and k-spar vein		APEX 8
398011	382587	6951334	<0.03	<0.01	comp grab	Granodiorite, very fine-grained biotite		APEX 8
398012	380016	6948476	<0.03	<0.01	float	Granodiorite		APEX 29
398013	380453	6948259	<0.03	<0.01	grab	Weakly foliated granodiorite, trace epidote		APEX 28
398014	380567	6948177	<0.03	<0.01	grab	Granodiorite		APEX 28
398015	380504	6949113	<0.03	<0.01	grab	Granodiorite, 1% epidote		APEX 34

CERTIFICATE OF ASSAY AK 2007- 7081

Aurum Geological Cons. Inc. 9-Jul-07
106A Granite Road
Whitehorse, YK
Y1A 2V9

No. of samples received: 70 **(only 16 samples listed for APEX Claims)**
Sample Type: Rock
Project: BC Gold - Carmack
Submitted by: Al Doherty

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
6	78856	<0.03	<0.001	<0.01
7	78857	<0.03	<0.001	<0.01
8	78858	<0.03	<0.001	<0.01
9	78859	<0.03	<0.001	<0.01
18	398004	<0.03	<0.001	<0.01
19	398005	<0.03	<0.001	<0.01
20	398006	<0.03	<0.001	<0.01
21	398007	<0.03	<0.001	<0.01
22	398008	<0.03	<0.001	<0.01
23	398009	<0.03	<0.001	<0.01
24	398010	<0.03	<0.001	<0.01
25	398011	<0.03	<0.001	<0.01
26	398012	<0.03	<0.001	<0.01
27	398013	<0.03	<0.001	<0.01
28	398014	<0.03	<0.001	<0.01
29	398015	<0.03	<0.001	<0.01

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Aurum Geological Cons. Inc. - AK7 7081

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
QC DATA:				
Repeat:				
19	398005	<0.03	<0.001	<0.01
Standard:				
SJ32		2.65	0.077	
SJ32		2.62	0.076	

CU120	1.52
CU120	1.53

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/jl
XLS/07

9-Jul-07

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2007- 7081

Aurum Geological Cons. Inc.
106A Granite Road
Whitehorse, YK
Y1A 2V9

No. of samples received: 70
Sample Type: Rock
Project: BC Gold - Carmack
Submitted by: Al Doherty

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
6	78856	<0.2	0.90	30	225	15	0.39	<1	8	90	13	2.15	<10	0.53	437	3	0.08	6	730	24	10	<20	31	0.12	<10	53	<10	5	49
7	78857	<0.2	0.66	35	145	10	0.23	<1	6	74	19	1.67	<10	0.38	342	2	0.07	4	390	18	10	<20	19	0.09	<10	38	<10	3	37
8	78858	<0.2	0.30	25	65	10	0.11	<1	2	73	3	0.50	<10	0.07	100	1	0.08	2	100	12	<5	<20	25	0.03	<10	9	<10	3	9
9	78859	<0.2	0.40	20	65	10	0.18	<1	3	57	4	0.82	<10	0.12	214	1	0.06	2	90	14	<5	<20	18	0.05	<10	15	<10	4	23
18	398004	<0.2	0.34	25	95	10	0.13	<1	2	53	2	0.50	<10	0.10	123	<1	0.07	2	210	12	<5	<20	37	0.03	<10	7	<10	4	12
19	398005	<0.2	1.41	30	55	15	0.95	<1	13	40	3	1.75	10	0.94	411	2	0.03	7	1030	36	10	<20	200	0.12	<10	34	<10	9	63
20	398006	<0.2	0.93	25	55	10	0.63	<1	10	45	9	1.97	10	0.66	310	2	0.05	5	1120	26	10	<20	65	0.10	<10	43	<10	6	52
21	398007	<0.2	0.32	30	90	10	0.10	<1	2	49	2	0.50	<10	0.06	92	<1	0.07	2	240	14	<5	<20	22	0.03	<10	8	<10	3	16
23	398009	<0.2	0.76	25	165	10	0.35	<1	6	79	3	1.53	<10	0.44	346	1	0.07	4	580	22	<5	<20	29	0.12	<10	34	<10	5	37
24	398010	<0.2	0.79	30	170	15	0.29	<1	7	67	3	1.65	<10	0.45	387	1	0.06	5	570	22	5	<20	21	0.12	<10	37	<10	4	41
25	398011	<0.2	0.86	30	200	15	0.24	<1	8	78	3	1.82	10	0.53	366	2	0.06	5	580	22	10	<20	25	0.12	<10	41	<10	3	46
26	398012	<0.2	0.74	20	170	10	0.35	<1	7	77	3	1.84	10	0.49	407	2	0.06	3	720	20	10	<20	25	0.12	<10	45	<10	4	46
27	398013	<0.2	0.88	20	75	10	0.31	<1	7	49	2	1.52	10	0.60	439	2	0.04	4	630	24	5	<20	45	0.05	<10	27	<10	6	57
28	398014	<0.2	0.22	25	70	<5	0.04	<1	1	81	2	0.47	<10	0.03	90	<1	0.06	1	80	10	<5	<20	15	0.01	<10	9	<10	3	10
29	398015	<0.2	0.88	30	270	15	0.39	<1	8	72	4	2.10	10	0.56	370	2	0.08	4	850	24	10	<20	25	0.15	<10	53	<10	4	44

QC DATA:

Repeat:

19	398005	<0.2	1.48	40	65	10	1.04	<1	14	41	4	1.80	20	0.96	420	4	0.03	8	1020	38	20	<20	223	0.12	<10	37	<10	7	64

Standard:

Pb113		10.6	0.28	70	65	<5	1.31	43	4	7	2278	1.15	<10	0.13	1619	76	0.02	4	60	5648	10	<20	70	<0.01	<10	10	10	2	6943
Pb113		10.8	0.29	60	65	<5	0.91	47	3	7	2316	1.17	<10	0.13	1601	69	0.02	2	70	5508	15	<20	66	0.02	<10	9	10	4	6935