

Assessment Report

Describing

Soil Sampling and Prospecting

Performed on the

Kaminak Gold Corporations 100% Owned Apollo Property

Claim Group

| | |
|---------------|---------------------|
| Apollo1 1-73 | YD59028 – YD59100 |
| Apollo1 74-99 | YD59189 – YD59214 |
| Apollo2 1-100 | YD49983 – YD50082 |
| Apollo3 31-83 | YD120031 - YD120083 |

April 28th 2010 to October 14th 2010

NTS map sheet 1150/04

Latitude 62°39'N and Longitude 139°33' W

In the Dawson Mining District

Prepared by
Craig S. Finnigan, PhD, PGeo
March 2011



095412

Costs associated with this report have been approved in the amount of \$ 25,200.00 for assessment credit under Certificate of Work No. QW28737

J. R. Southwick
Mining Recorder
Whitehorse Mining District

082413

Appendices

- I Authors Statement of Qualifications
- II Soil Sample Locations (NAD 83 UTM Zone 7V) and Au Content
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Summary and Recommendations

The Apollo property is located approximately 130 km southwest of Dawson City. It consists of 252 claims that are staked under the Yukon Territory Quartz mining act and covers approximately 5,000 hectares. The property is 100% owned by Kaminak Gold Corporation out of Vancouver British Columbia.

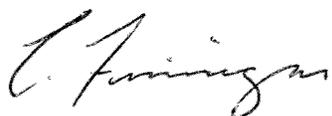
The property lies within the Yukon-Tanana terrane and underlies part of the Tintina gold belt which is host to several gold and base metal deposits.

The Apollo claims are underlain by Devonian to Mississippian quartz-muscovite schists which are unconformably overlain by Cretaceous mafic to intermediate volcanoclastic rocks. Exposed rock on the property is less than 5% consisting of granodiorite felsomere. No significant mineralization is apparent within these areas.

Exploration on the Apollo property in 2010 consisted of ridge and spur soil sampling, and a one day helicopter supported reconnaissance prospecting visit. The soil survey detected a significant anomaly in the south-central part of the property and it is recommended here that a systematic grid survey be conducted over the anomaly to determine its shape and size.

Respectively Submitted,

Kaminak Gold Corporation



Craig Finnigan, Chief Geologist, PhD, PGeo

Introduction

In 2010, Kaminak Gold Corp. (“Kaminak”) staked several regional gold prospects around its Coffee gold project located approximately 130 kilometres south of Dawson City, Yukon. These prospects were staked on the basis of combining regional stream sediment geochemistry and structural interpretation. The prospects include: Apollo, Run, Ladue and Rice claim blocks. On each of these claim blocks a reconnaissance soil survey was conducted. A total of 510 samples were taken and submitted for assay from Apollo at a total cost of \$32,612. This report summarizes the results of the survey on the Apollo prospect.

Location and Access

The Apollo property is located in south-western Yukon centred at latitude 62°39'N and longitude 139°33' W. The property lies within the Dawson Range, approximately 120 kilometres south of Dawson City and approximately 160 kilometers northwest of Carmacks. The claims are situated approximately 15 kilometres northwest of Kaminak's Coffee Gold project between the Yukon and White Rivers on NTS map sheet 1150/04 (Figure 1). The Casino copper-gold porphyry deposit is located approximately 40 kilometres southeast of the property. Access to the property is by helicopter from Dawson or Carmacks. An air strip is located on Thistle Creek approximately 20 km from site; river access to the area is provided by a barge landing on the Yukon River approximately five kilometres west of the airstrip. River transport along the Yukon River from Dawson City to the mouth of Thistle Creek is available for five months during the summer period when the river is free of ice. A road south from Dawson City to the Stewart River on the east side over the Black Hills of the Yukon River provides vehicle access to within 30 km of the property. This road is not operational in winter due to glaciers. Winter access to Thistle Airstrip, is provided by a winter road from Pelly Farm just off Highway #2.

Climate and Physiography

The area consists of rolling to steep hills incised by streams. The majority of the Apollo area is covered by trees, with some zones dominated by shorter shrub-like vegetation. Outcrops are exposed at the highest point on the property in the northwest corner and minor areas consisting of felsemere were visited in the south-central part of the project area. The elevation range on the property is approximately 600 m to 1100 m. Yukon has a sub-arctic continental climate with a summer mean of 10° Celsius and a winter mean of minus 23° degrees Celsius. Summer and winter temperatures can reach up to 35 and minus 55° Celsius, respectively. Dawson City, the nearest access point, has a daily average above freezing for 180 days per year.

Land Tenure

The Apollo property consists of 252 contiguous claims (Figure 2). The claims were staked under the Yukon Quartz Mining Act and are registered with the Whitehorse mining recorder in the name of Kaminak Gold Corp. The claims were staked in three separate phases and are referred to as Apollo 1 through 3. A full list of claims can be found in Appendix 4.

Property History

Limited historic work has been performed on the Apollo claims. Minfile occurrence 1150 020 occurs on the west side of the property (Figure 3; Figure 5). The area was staked as the Apollo claims (Y5O333) in Jan/70 by E. Johnston. The Minfile report indicates that claims were staked in an area of lightly gossaned Tertiary rhyolitic volcanic rocks capping Paleozoic (?) metasedimentary rocks. Stream sediment samples in the area

were weakly anomalous in copper/molybdenum and the area is underlain by a 500 gamma aeromagnetic anomaly (Figure 3; Yukon Minfile 115O 020).

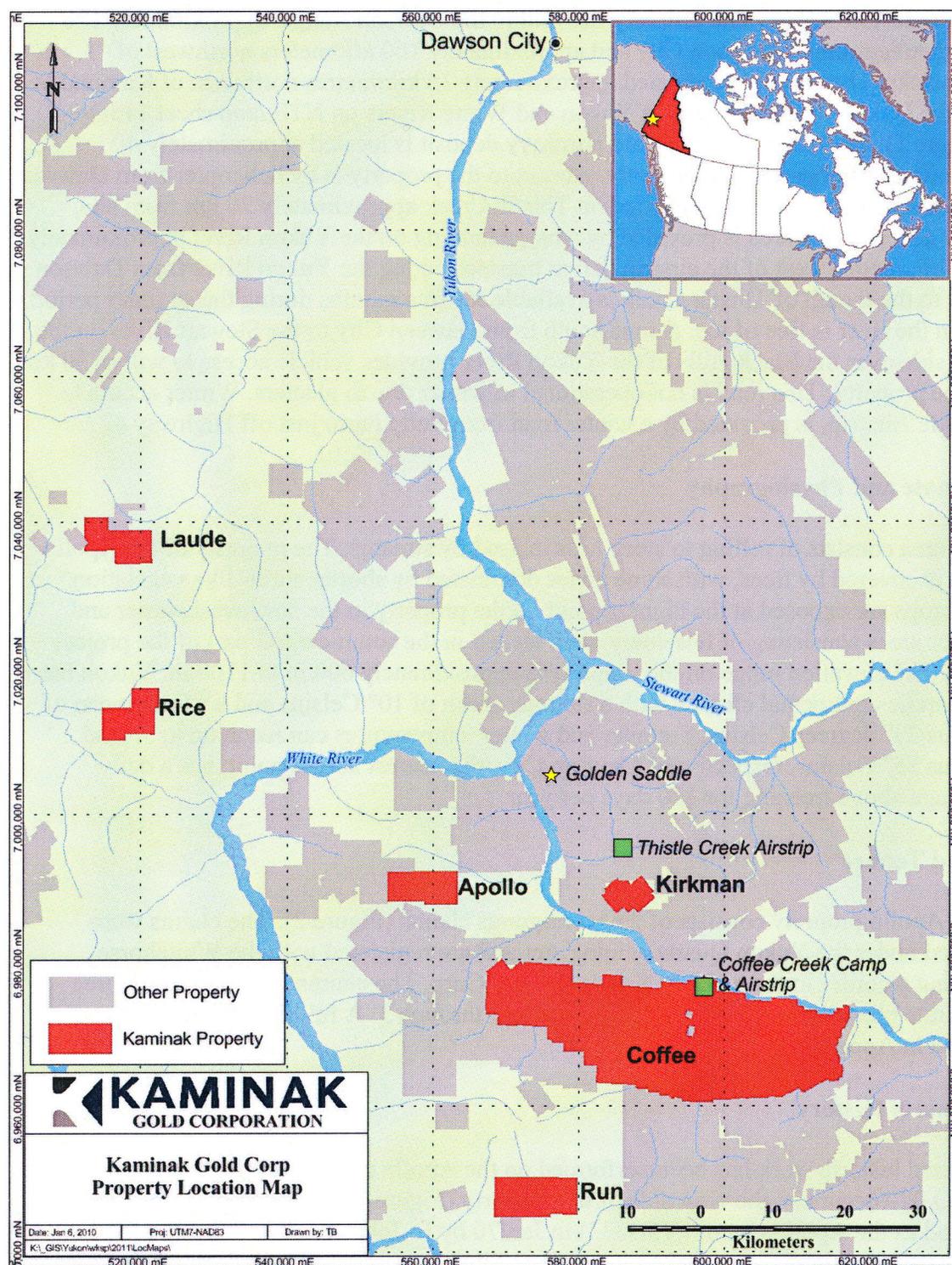


Figure 1. Apollo Property Location

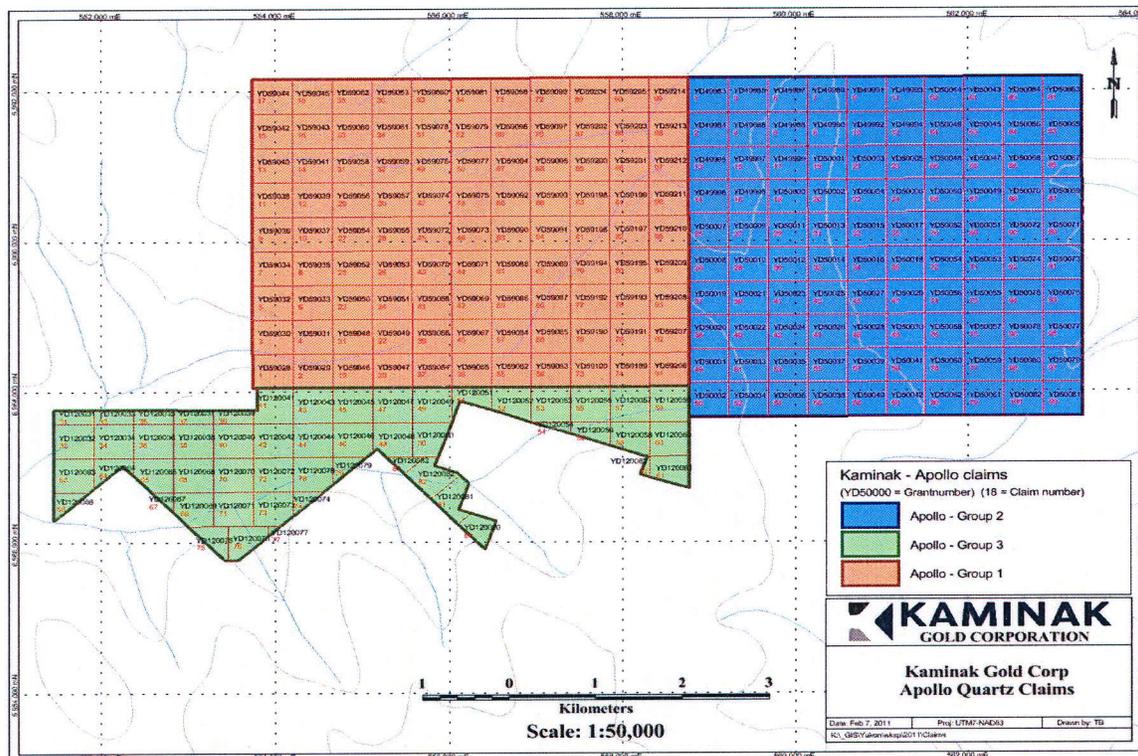


Figure 2. Apollo claims. Apollo staking (orange); Apollo2 staking (blue); Apollo3 staking (green). Coordinate system is UTM NAD83, zone 7.

Regional Geology

The Apollo 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 intrusive suite (Figure 3). Cretaceous intrusive rocks (Cassiar and Dawson Range suites) are spatially associated with the White Gold and Coffee projects, in addition to a number of other gold-bearing mineral deposits such as Sonora Gulch, Freegold Mountain, Casino and Minto.

The Apollo area was initially targeted based on selection of characteristics from regional data that are associated with the White Gold and Coffee gold environments. Linear structures seen in the regional aeromagnetic data in addition to discrete magnetic high features are associated with mineral deposits in the region (Figure 4). Moreover, the Apollo claims are linked to anomalous regional stream sediment samples (gold; Figure 3) in addition to a Minfile occurrence (1150 020; Figure 4; Figure 5).

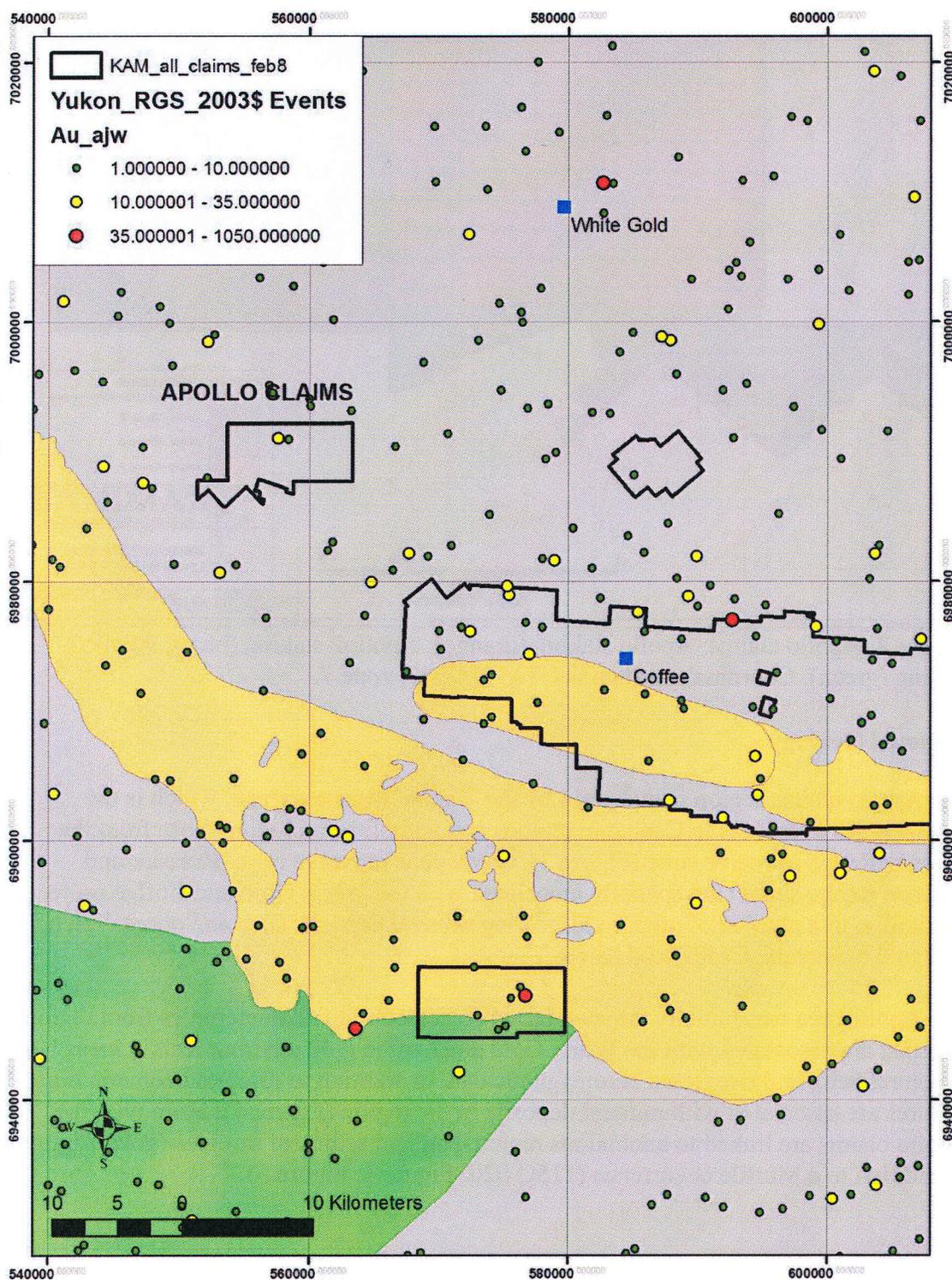


Figure 3. Regional geologic setting for the Apollo claims (from Gordey and Makepeace, 1999). Yukon-Tanana terrane (grey); Windy-McKinley terrane (green); Dawson Range intrusions (orange). Map is overlain by regional stream sediment data (gold; Heon, 2003). Coordinate system is UTM NAD83, zone 7.

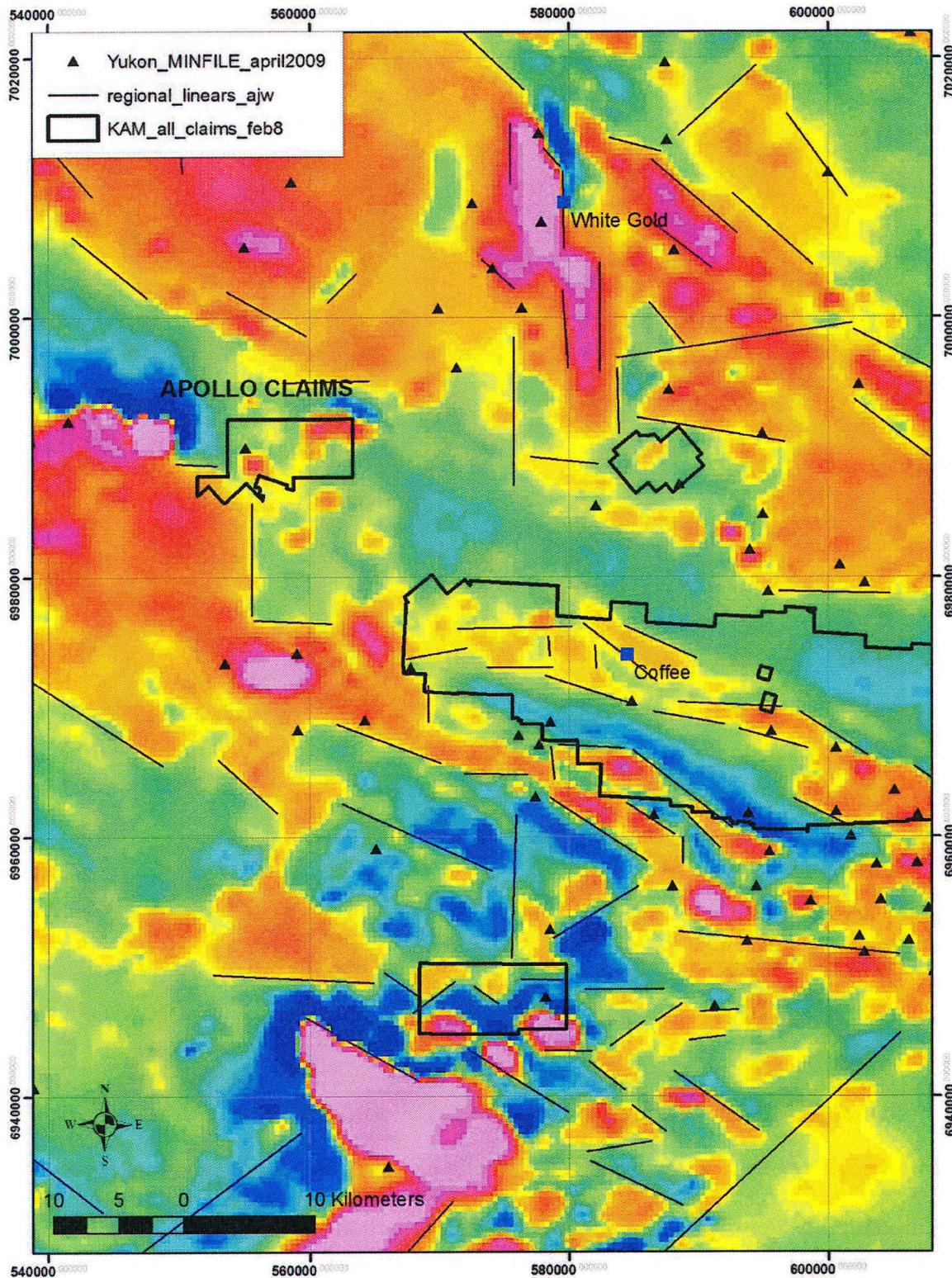


Figure 4. Regional aeromagnetic map for the Apollo area. Map is overlain by Minfile occurrences and inferred regional structures. Coordinate system is UTM NAD83, zone 7.

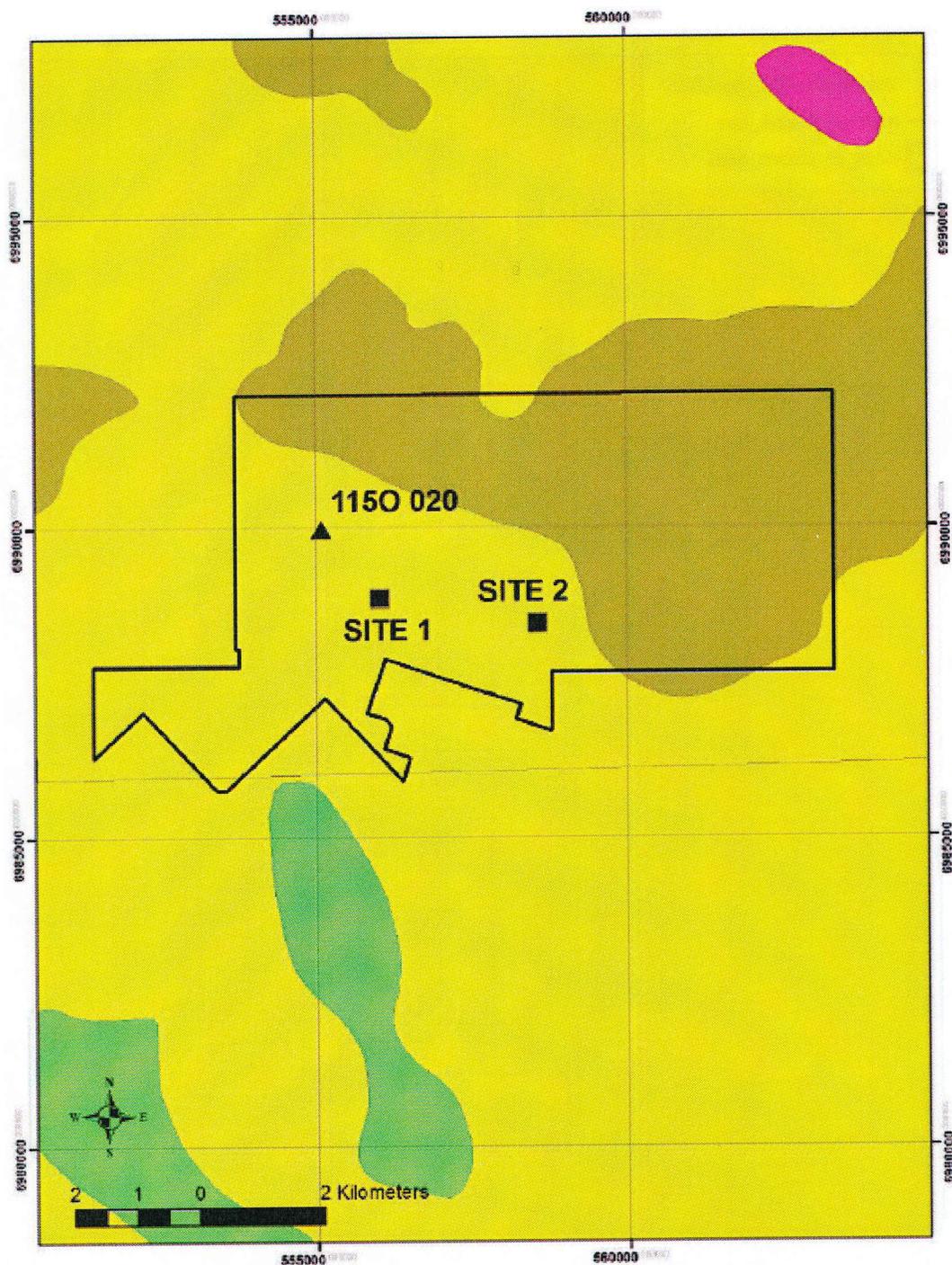


Figure 5. Property geology map for the Apollo claims (from Gordey and Makepeace, 1999). Cretaceous mafic –intermediate volcanoclastic rocks (brown); Carboniferous/Permian ultramafic rocks (purple); Carboniferous/Permian metaclastic and metavolcanic rocks (green); Devonian/Mississippian quartz-muscovite schist (orange). Coordinate system is UTM NAD83, zone 7.

Property Geology

The Apollo claims are underlain by Devonian to Mississippian quartz-muscovite schists which are unconformably overlain by Cretaceous mafic to intermediate volcanoclastic rocks (Gordey and Makepeace, 1999; Figure 5). A reconnaissance field visit to the south-central part of the claims suggests that there are unmapped felsic intrusions in the area:

1. Felsemere and boulders at the Site 1 consisted of granodiorite porphyry characterized by 5-8% biotite (0.5-1 mm), 5-8% hornblende (1-2 mm), 60% plagioclase (3-7 mm) and 5- 10% quartz (<1 mm). Microporphyry textures were also noted in the intrusion. The rocks at Site 1 are magnetic and hornblende is locally altered to finer-grained secondary actinolite. Ferromagnesian mineral phases are generally weakly chlorite-epidote altered and trace pyrite was noted (Figure 6).
2. Felsemere at Site 2 consisted of granodiorite characterized by 5-8% biotite (1-2 mm), 10-15% quartz (2-4 mm); 50-60% plagioclase (2-4 mm) set in minor (<5%) holocrystalline quartz-feldspar groundmass. The intrusion at Site 2 is coarser-grained, relatively felsic and exhibits weak mineral alignment compared to Site 1 (Figure 7). The extent of the intrusion is unknown; however it appears to be underlain partly by a gold-in-soil anomaly (see below). The relationship between alteration noted in the granodiorite intrusion and the gold anomaly is not constrained.



Figure 6. Granodiorite from Site 1.

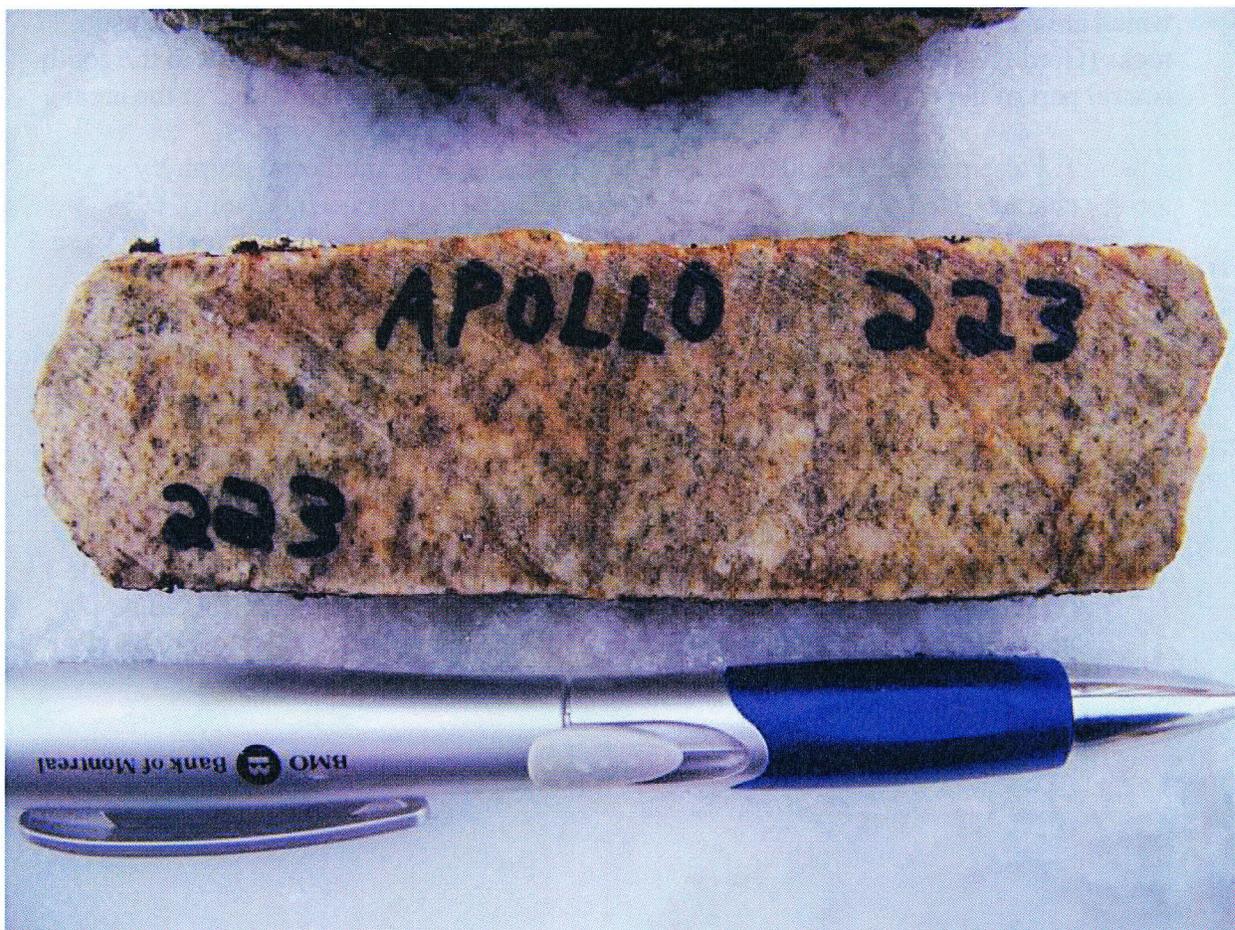


Figure 7. Granodiorite from site 2 exhibiting weak mineral alignment.

Current Work

Work on the Apollo property in 2010 consisted of soil sampling and a reconnaissance mapping and prospecting visit. The details of the soil survey are presented below. See section on property geology for details of the reconnaissance field visit.

Soil Survey

Soil sampling was carried out by Ground Truth Exploration from Dawson City, Yukon. Soil samples were collected along ridge top traverses with sampling stations spaced by 50 metres. 510 samples (including field duplicates; see below) were collected on the Apollo claims during 18 man-days of work (September 4-5, 2010). 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 metre 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 36 elements (analytical package 1DX).

Results

The soil sample results from the ridge top reconnaissance traverses yielded gold results that range from below detection (<0.5 ppb) to 72.7 ppb Au (Figure 8; Appendix 2). One anomalous area was detected in the south-central part of the property. The southwest-trending reconnaissance soil traverse encountered 1 km of samples greater than 5 ppb Au. In the core of this anomaly is 500 m of sampling that includes four samples >20 ppb Au. The anomalous samples are near the weakly-pyritic, actinolite-chlorite-epidote altered granodiorite observed at Site 1 (Figure 5). Lab certificates with a complete listing of analyses can be found in Appendix 3.

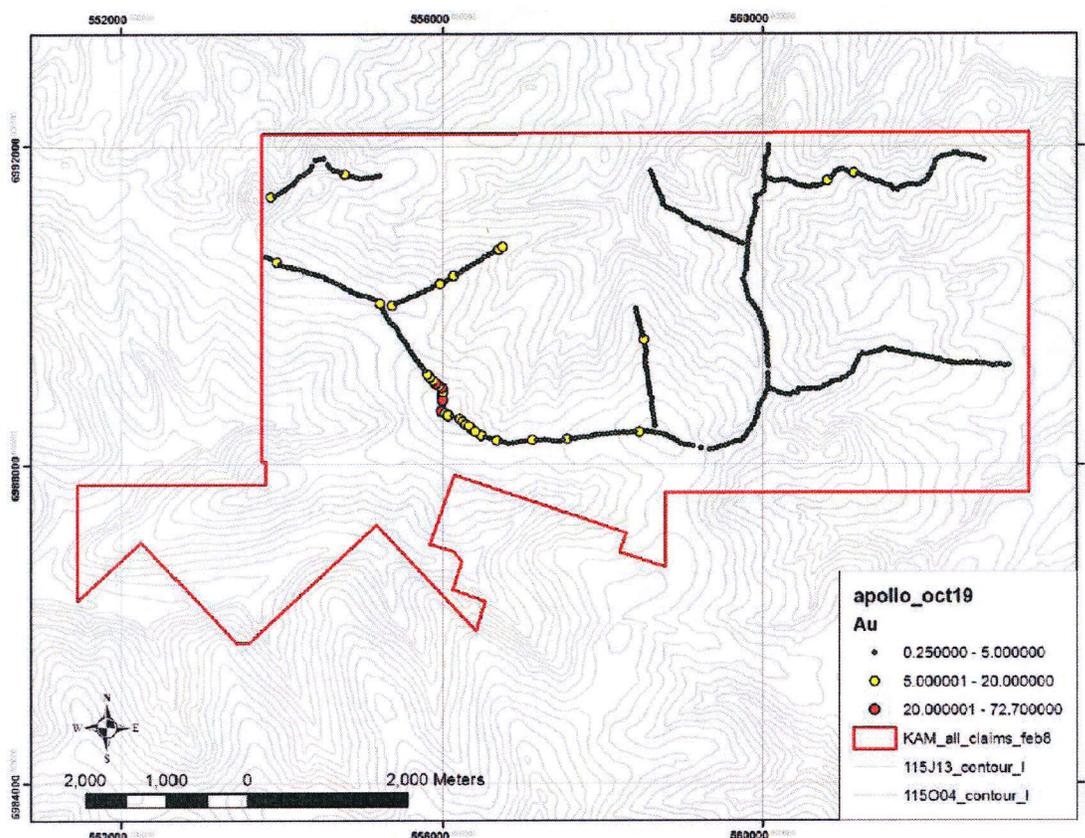


Figure 8. Gold-in-soil values obtained during the reconnaissance soil campaign at Apollo. Coordinate system is UTM NAD83, zone 7.

Recommendations

The reconnaissance sampling on the Apollo claims detected a significant anomaly in the south-central part of the property. A systematic grid sampling program is recommended in order to determine the shape and size of the Apollo gold anomaly (Figure 9). The grid size should be 1000 m by 1000m with 50 m sample spacing and 100 m line spacing (200 samples). The crew can be based out of the Kaminak Thistle Creek camp in 2011. Mapping, prospecting, and trenching programs are recommended to follow-up targets generated by the soil sampling and the estimated cost of the program is \$19 100 (Table 1).

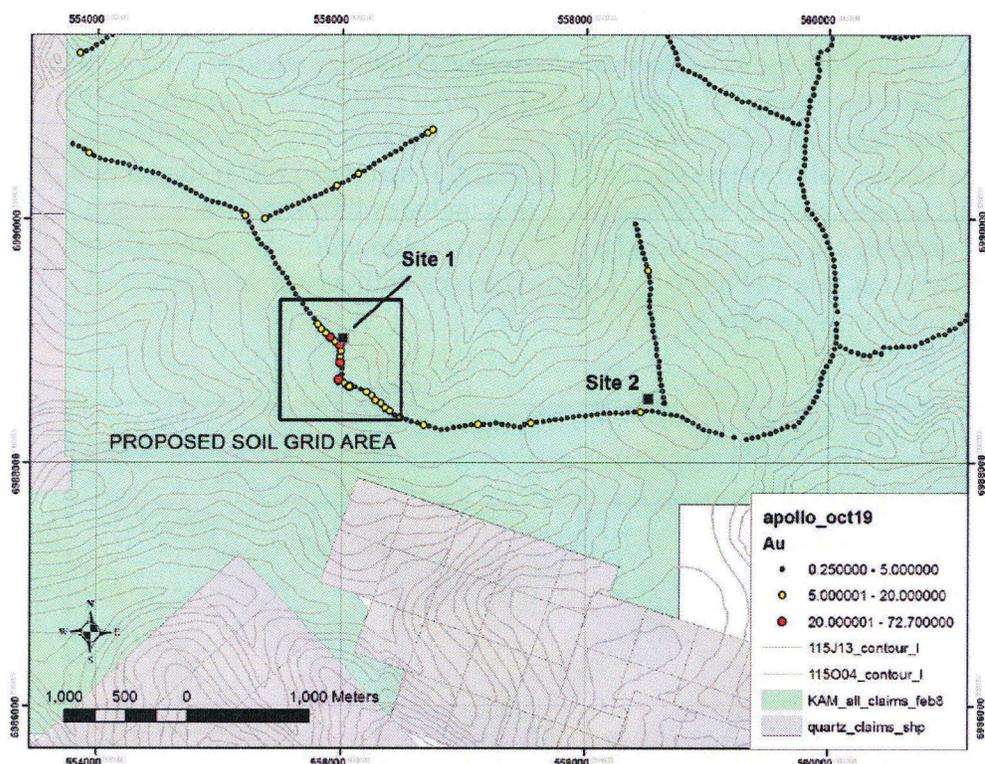


Figure 9. Proposed soil grid location on the reconnaissance gold anomaly detected in 2010. Coordinate system is UTM NAD83, zone 7.

Table 1 Estimated budget for the proposed APOLLO program for 2011.

| Item | Cost |
|------------------------------|-----------------|
| Soil sampling | \$5400 |
| Analytical cost | \$3700 |
| Mapping/prospecting (3 days) | \$5000 |
| Trenching (250 m) | \$5000 |
| TOTAL | \$19 100 |

Sampling Method and Approach

Sampling of geologic materials (core, rock, and soil samples) completed by the company during 2009 and 2010 was performed by experienced geologic technicians and contract geologists. Drill core and rock chip samples were assayed by ALS Chemex in Vancouver, and soil samples were analyzed by ICPMS by Acme Laboratories in Vancouver. All samples were analyzed for gold, and a thirty-five element suite. Gold analyses on drill core and trench samples were conducted by fire assay. Samples which contained >10 g/t gold were re-assayed using a gravimetric finish.

Soil Sampling

Soil augering was carried out by Ground Truth Exploration out of Dawson City. As the sample was extracted it was placed on a sheet of plastic next to the hole. Augering depth depended on the soil profile. Organic A horizon material was discarded, and augering continued until C horizon rock chips were encountered, checking for false bottoms on the A horizon profile. The sample interval was generally 60 to 70 cm, with maximum depth not exceeding the 1.25 m length of the auger. Samples were placed directly in pre-marked bags field duplicates were inserted every twenty-five samples. Sample number, location, depth, and geological parameters were recorded directly into a hand-held computer. A GPS reading was also stored separately as a backup. The sample location was marked with flagging tape and a metal tag on a nearby tree. Samples were submitted by the contractor to Acme Laboratories in Vancouver, British Columbia. The sample information was downloaded from the hand-held computers into spreadsheets, which was integrated into Kaminak's Coffee Project database.

Sample Preparation and Analyses

Soil samples collected were submitted to the accredited Acme Analytical Laboratories in Vancouver, British Columbia. Soil samples were prepared using standard preparation procedures and analysed for a suite of 36 elements using aqua regia digestion followed by Inductively Coupled Plasma-Atomic Emission Spectrometry on 15 grams sub-samples ("ICP ES", method code 1DX2).

Discussion and Conclusions

An area of anomalous gold in soil warrants follow up exploration on the Apollo property. The anomaly is defined by train of samples ranging in concentration between 5 and 72 ppb Au. At this stage very little is known about the underlying geology at the property scale. A recommended 1000 metre by 1000 metre systematic grid of soil sampling over the anomaly could potentially uncover structural trends in the underlying bedrock and warrant further work such as extension of the existing grid as well as a ground magnetic survey.

Statement of Expenditures

A total of \$32,612 was spent exploring the Apollo property in 2010 (Table 2).

| Item | contractor | cost | GST | TOTAL | PO/Invoice# | notes |
|--------------------------------------------------------------------------------------------|---------------------------------|---------------------|--------|-----------------|----------------------------|---------------------------------------------------------------------------------------|
| Table of Expenditures | | | | | | |
| Geologist costs (compilation/targeting/report writing) Alan Wainwright PHD PGeo (staff) | Kaminak | | | 3000 | n/a | total of 8 days of data compilation and report writing @ \$375 per day |
| Geologist costs (field time) Norm Duke PHD pgeo (Consultant) | consultant | | | 1400 | KGC-10-0787 | 2 days of Norm's consulting at \$700 per day |
| Adam Simmons Misc (Consultant) | consultant | | | 710 | n/a | 2 days field time @ \$355 per day (visit + map generation) |
| Alan Wainwright PHD PGeo (staff) | Kaminak | | | 750 | n/a | 2 days field time @ \$375 per day (visit + map generation) |
| Helicopter during recce visit APOLLO trip June 29 AW, ATS, ND | Trinity | 1828.87 | 91.43 | 1920.1 | KGC-10-0351 | 1/3 of a day spent at APOLLO |
| Camp costs .4 nights for Norm Duke | Kaminak | | | 181 | n/a | \$181 per night per person at Thistle Creek camp includes charter flight; divide by 4 |
| .4 nights for Adam Simmons | Kaminak | | | 181 | n/a | \$181 per night per person at Thistle Creek camp includes charter flight; divide by 4 |
| .4 nights for Alan Wainwright | Kaminak | | | 181 | n/a | \$181 per night per person at Thistle Creek camp includes charter flight; divide by 4 |
| Travel costs Adam Simmons flights | AC | | | 270.97 | simmons_Acflight | 1/4 of Vancouver to Whitehorse (return) flights attributed to this project |
| Alan Wainwright flights | AC | | | 210.59 | ajw_whitehorse | 1/4 of Whitehorse to Vancouver (return) flights attributed to this project |
| Norm Duke flights | AC | | | 834.91 | KGC-10-0787 | 1/2 of travel expenses London ON to Whitehorse |
| Sampling | | | | | | |
| Ridge and spur sampling analytical cost for soil samples | Groundtruth Exploration Acme | 13068.35 3175.94 | 653.42 | 13721.77 | KGC-10-0961 KGC-10-1158 | 510 samples collected includes BC HST |
| analytical cost for soil samples | Acme | 6085.63 | | 6085.63 | KGC-10-1159 | includes BC HST |
| EXPLORATION TOTAL | | | | 32612.91 | | |

Table 2. Statement of Expenditures

References

Gordey, S.P. and Makepeace, A.J. (comp.), 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).

Heon, D. (compiler), 2003. Yukon Regional Geochemical Database 2003 - Stream sediment analyses. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

Yukon Minfile 1150 020; <http://ygsftp.gov.yk.ca/httpdocs/minfile/download.html>.



Statement of Qualifications

I, Craig Finnigan, do hereby certify that:

1. I am a resident of the city of London Ontario and am a member in good standing of the Association of Professional Geologists of Ontario.

2. I obtained a Bachelor of Science and Master of Science from the University of Western Ontario in 1998 and 2000 respectively.

3. I obtained a Ph.D from the University of Toronto in 2006

4. I have previously been employed by Western Mining Corp., the Government of the Northwest Territories Cominco and the University of Toronto.

5. I have been prospecting in Yukon for 2 years.

6. I familiar with all of the sampling related to Soils, trenching, Drilling and chemistry outlined in this report.

7. I am the author of this report.

8. I received help preparing this report from Dr. Alan Wainwright, Dr Adam Simmons, Mr. Tom Brokefohr and Mr. Joe Currie all of whom are Kaminak employees.

February 2nd 2011



Craig Finnigan, PhD, P.Geol

Appendix 2

Soil Sample Locations (NAD 83 UTM Zone 7V) and Au Content

| SampleID | UTM Easting | UTM Northing | Au ppb |
|-----------|-------------|--------------|--------|
| APO138023 | 553848 | 6991366 | 2.2 |
| APO138023 | 553848 | 6991366 | 5.4 |
| APO138025 | 553940 | 6991402 | 0.8 |
| APO138025 | 553940 | 6991402 | 0.9 |
| APO138026 | 553981 | 6991431 | 0.7 |
| APO138027 | 554026 | 6991456 | 4.3 |
| APO138028 | 554065 | 6991488 | 0.25 |
| APO138029 | 554111 | 6991517 | 0.25 |
| APO138031 | 554178 | 6991591 | 2.1 |
| APO138032 | 554211 | 6991630 | 1.9 |
| APO138033 | 554258 | 6991645 | 3.8 |
| APO138034 | 554298 | 6991676 | 1.8 |
| APO138035 | 554334 | 6991712 | 1.7 |
| APO138036 | 554362 | 6991752 | 1.1 |
| APO138038 | 554456 | 6991841 | 1.1 |
| APO138042 | 554626 | 6991705 | 2.4 |
| APO138042 | 554626 | 6991705 | 1.6 |
| APO138045 | 554820 | 6991634 | 2.1 |
| APO138046 | 554915 | 6991609 | 1.4 |
| APO138047 | 555014 | 6991600 | 0.7 |
| APO138048 | 555112 | 6991608 | 4.1 |
| APO138048 | 555112 | 6991608 | 3 |
| APO138049 | 555206 | 6991631 | 1.4 |
| APO138050 | 555157 | 6991628 | 1.2 |
| APO138111 | 556352 | 6988450 | 7.8 |
| APO138113 | 556430 | 6988388 | 2 |
| APO138114 | 556476 | 6988369 | 7.1 |
| APO138116 | 556570 | 6988335 | 2.8 |
| APO138117 | 556620 | 6988324 | 3.9 |
| APO138118 | 556668 | 6988309 | 5.2 |
| APO138119 | 556716 | 6988295 | 2.9 |
| APO138120 | 556766 | 6988280 | 2.1 |
| APO138121 | 556815 | 6988270 | 1.3 |
| APO138122 | 556865 | 6988273 | 3.6 |
| APO138125 | 557013 | 6988300 | 2.3 |
| APO138125 | 557013 | 6988300 | 2.4 |
| APO138126 | 557063 | 6988306 | 1.7 |
| APO138127 | 557114 | 6988311 | 5.3 |
| APO138128 | 557163 | 6988310 | 2.1 |
| APO138130 | 557263 | 6988321 | 2 |
| APO138132 | 557363 | 6988302 | 1.5 |
| APO138133 | 557412 | 6988297 | 1.2 |
| APO138576 | 561525 | 6989460 | 1.5 |
| APO138576 | 561525 | 6989460 | 4.2 |
| APO138577 | 561573 | 6989441 | 2.5 |
| APO138578 | 561624 | 6989440 | 1.6 |
| APO138579 | 561674 | 6989431 | 2.3 |
| APO138581 | 561773 | 6989406 | 2.3 |
| APO138583 | 561869 | 6989380 | 1.7 |
| APO138584 | 561921 | 6989379 | 3.1 |
| APO138585 | 561971 | 6989370 | 1.7 |

| | | | |
|-----------|--------|---------|------|
| APO138586 | 562021 | 6989361 | 2.7 |
| APO138587 | 562070 | 6989346 | 2.4 |
| APO138588 | 562121 | 6989343 | 1.9 |
| APO138589 | 562169 | 6989323 | 1.3 |
| APO138590 | 562219 | 6989324 | 1 |
| APO138591 | 562263 | 6989298 | 2.1 |
| APO138592 | 562315 | 6989291 | 0.8 |
| APO138592 | 562315 | 6989291 | 0.25 |
| APO138593 | 562365 | 6989276 | 1.5 |
| APO138594 | 562416 | 6989274 | 2.9 |
| APO138595 | 562468 | 6989272 | 1.6 |
| APO138596 | 562518 | 6989275 | 1.6 |
| APO138597 | 562568 | 6989276 | 0.7 |
| APO138598 | 562619 | 6989273 | 1.7 |
| APO138599 | 562671 | 6989276 | 2.6 |
| APO138600 | 562723 | 6989270 | 3.2 |
| APO138803 | 558801 | 6988371 | 3.4 |
| APO138804 | 558842 | 6988345 | 1.3 |
| APO138807 | 558753 | 6988385 | 0.6 |
| APO138808 | 558703 | 6988393 | 1.8 |
| APO138809 | 558652 | 6988400 | 1 |
| APO138810 | 558652 | 6988400 | 2.2 |
| APO138811 | 558603 | 6988414 | 4.6 |
| APO138812 | 558603 | 6988414 | 0.9 |
| APO138813 | 558553 | 6988420 | 3.5 |
| APO138814 | 558502 | 6988421 | 1.1 |
| APO138815 | 558451 | 6988414 | 5.2 |
| APO138816 | 558402 | 6988413 | 1.7 |
| APO138818 | 558301 | 6988401 | 2.7 |
| APO138822 | 558100 | 6988395 | 1.8 |
| APO138823 | 558049 | 6988388 | 1 |
| APO138824 | 558000 | 6988380 | 0.25 |
| APO138825 | 557950 | 6988380 | 0.25 |
| APO138826 | 557901 | 6988373 | 0.25 |
| APO138827 | 557851 | 6988365 | 0.9 |
| APO138828 | 557802 | 6988353 | 4.5 |
| APO138830 | 557702 | 6988343 | 0.8 |
| APO138831 | 557652 | 6988333 | 0.9 |
| APO138833 | 557550 | 6988322 | 6.9 |
| APO139123 | 559376 | 6988199 | 1.6 |
| APO139124 | 559425 | 6988211 | 1.9 |
| APO139125 | 559473 | 6988230 | 1 |
| APO139125 | 559473 | 6988230 | 0.6 |
| APO139129 | 559666 | 6988295 | 1.9 |
| APO139131 | 559758 | 6988329 | 2.3 |
| APO139134 | 559876 | 6988496 | 1.5 |
| APO139139 | 559936 | 6988640 | 1.3 |
| APO139140 | 559939 | 6988693 | 1.8 |
| APO139140 | 559939 | 6988693 | 1.3 |
| APO139141 | 559957 | 6988742 | 1.2 |
| APO139142 | 559980 | 6988790 | 1 |
| APO139143 | 560011 | 6988833 | 3.1 |

| | | | |
|-----------|--------|---------|------|
| APO139144 | 560034 | 6988880 | 2.5 |
| APO139145 | 560049 | 6988931 | 2.5 |
| APO139146 | 560061 | 6988983 | 0.25 |
| APO139147 | 560064 | 6989035 | 3.1 |
| APO139148 | 560061 | 6989087 | 0.6 |
| APO139149 | 560065 | 6989141 | 1.2 |
| APO139451 | 555361 | 6990001 | 8 |
| APO139452 | 555406 | 6990024 | 4.6 |
| APO139453 | 555450 | 6990048 | 3 |
| APO139454 | 555497 | 6990065 | 4.4 |
| APO139455 | 555543 | 6990086 | 2.4 |
| APO139456 | 555589 | 6990107 | 0.25 |
| APO139457 | 555636 | 6990125 | 1.7 |
| APO139458 | 555681 | 6990146 | 3.9 |
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| APO139524 | 560454 | 6988946 | 2 |
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| APO138107 | 556202 | 6988578 | 7.5 |
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| APO145098 | 562340 | 6991893 | 0.25 |
| APO145099 | 562386 | 6991913 | 1.4 |
| APO145310 | 560054 | 6989509 | 1.1 |
| APO145311 | 560049 | 6989562 | 1.1 |
| APO145317 | 559969 | 6989864 | 2.6 |
| APO145320 | 559892 | 6990003 | 2.1 |

Appendix 3

Lab Certificates for Soil Analyses



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Kaminak Gold Corporation
1440 - 625 Howe Street
Vancouver BC V6C 2T6 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 18, 2010
Report Date: October 19, 2010
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI10000487.1

CLIENT JOB INFORMATION

Project: APO
Shipment ID: APO1
P.O. Number: 320
Number of Samples: 320

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

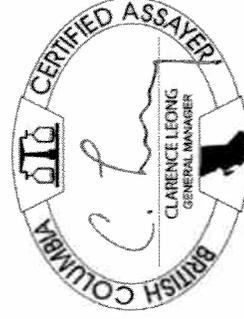
Invoice To: Kaminak Gold Corporation
1440 - 625 Howe Street
Vancouver BC V6C 2T6
Canada

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

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

ADDITIONAL COMMENTS



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



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Acme Analytical Laboratories (Vancouver) Ltd.

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Client: Kaminak Gold Corporation
 1440 - 625 Howe Street
 Vancouver BC V6C 2T6 Canada

Project: APO
Report Date: October 19, 2010

Page: 2 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|
| APO 145306 | Soil | 1.1 | 15.9 | 9.1 | 53 | <0.1 | 36.1 | 15.3 | 593 | 2.53 | 2.1 | 2.2 | 0.6 | 4.2 | 37 | 0.1 | 0.2 | <0.1 | 70 | 0.55 | 0.189 |
| APO 145322 | Soil | 1.1 | 15.2 | 13.8 | 44 | <0.1 | 21.0 | 10.7 | 274 | 3.03 | 10.3 | 3.0 | 2.6 | 2.0 | 20 | 0.2 | 0.3 | 0.2 | 73 | 0.20 | 0.115 |
| APO 145326 | Soil | 0.7 | 36.2 | 6.5 | 80 | <0.1 | 70.0 | 17.0 | 569 | 3.07 | 2.7 | 2.0 | 1.6 | 6.1 | 34 | <0.1 | 0.1 | <0.1 | 91 | 0.60 | 0.088 |
| APO 145319 | Soil | 1.3 | 14.8 | 15.6 | 42 | <0.1 | 17.4 | 6.8 | 182 | 2.35 | 6.8 | 0.6 | 1.0 | 3.2 | 34 | 0.1 | 0.4 | 0.2 | 57 | 0.24 | 0.025 |
| APO 145329 | Soil | 1.3 | 24.8 | 9.1 | 58 | <0.1 | 40.2 | 12.4 | 341 | 3.24 | 6.6 | 0.9 | 1.4 | 3.6 | 34 | 0.1 | 0.4 | 0.2 | 82 | 0.33 | 0.053 |
| APO 145323 | Soil | 1.1 | 16.6 | 9.5 | 42 | <0.1 | 22.4 | 6.4 | 154 | 2.15 | 5.3 | 1.5 | 0.9 | 8.2 | 24 | <0.1 | 0.2 | 0.3 | 43 | 0.28 | 0.021 |
| APO 145328 | Soil | 1.3 | 24.6 | 10.4 | 58 | <0.1 | 41.1 | 12.8 | 322 | 3.32 | 7.4 | 0.9 | 2.4 | 3.7 | 34 | 0.1 | 0.4 | 0.2 | 84 | 0.32 | 0.053 |
| APO 145313 | Soil | 0.7 | 31.2 | 10.1 | 82 | <0.1 | 68.9 | 28.0 | 584 | 4.01 | 3.0 | 1.9 | 1.4 | 7.9 | 52 | <0.1 | 0.2 | <0.1 | 76 | 0.81 | 0.152 |
| APO 145324 | Soil | 1.1 | 49.5 | 11.4 | 66 | <0.1 | 128.4 | 18.9 | 1361 | 4.84 | 2.7 | 2.6 | 1.7 | 8.0 | 42 | 0.1 | 0.3 | 0.1 | 117 | 0.62 | 0.152 |
| APO 145321 | Soil | 1.0 | 11.9 | 12.0 | 34 | <0.1 | 12.7 | 5.5 | 182 | 2.26 | 6.2 | 0.6 | <0.5 | 2.7 | 25 | 0.2 | 0.3 | 0.2 | 54 | 0.21 | 0.041 |
| APO 145318 | Soil | 0.9 | 13.8 | 18.2 | 52 | <0.1 | 17.1 | 7.5 | 358 | 2.39 | 4.2 | 1.3 | 1.2 | 2.9 | 166 | 0.1 | 0.3 | 0.2 | 54 | 0.41 | 0.028 |
| APO 145315 | Soil | 0.5 | 28.0 | 13.8 | 71 | <0.1 | 50.4 | 13.2 | 769 | 2.75 | 1.4 | 2.2 | 1.0 | 9.4 | 50 | <0.1 | 0.1 | 0.2 | 64 | 0.89 | 0.151 |
| APO 139663 | Soil | 0.7 | 30.5 | 11.4 | 60 | <0.1 | 54.2 | 14.3 | 423 | 3.19 | 6.9 | 1.4 | 2.2 | 4.9 | 43 | <0.1 | 0.3 | 1.1 | 74 | 0.73 | 0.069 |
| APO 139139 | Soil | 1.1 | 18.3 | 8.3 | 48 | <0.1 | 22.5 | 9.7 | 432 | 3.01 | 7.7 | 0.6 | 1.3 | 2.9 | 26 | <0.1 | 0.4 | 0.1 | 71 | 0.24 | 0.026 |
| APO 139148 | Soil | 1.4 | 10.8 | 8.8 | 51 | <0.1 | 10.2 | 4.9 | 373 | 2.89 | 3.7 | 0.8 | 0.6 | 4.1 | 42 | <0.1 | 0.2 | <0.1 | 48 | 0.37 | 0.028 |
| APO 139577 | Soil | 0.2 | 38.4 | 8.5 | 66 | <0.1 | 178.8 | 20.8 | 413 | 3.08 | 3.1 | 2.3 | <0.5 | 6.6 | 55 | <0.1 | 0.4 | 0.2 | 65 | 0.78 | 0.169 |
| APO 145303 | Soil | 1.0 | 11.6 | 8.0 | 56 | <0.1 | 12.7 | 6.8 | 491 | 2.35 | 5.2 | 0.4 | 1.4 | 2.8 | 35 | 0.2 | 0.3 | 0.1 | 50 | 0.28 | 0.027 |
| APO 139580 | Soil | 0.7 | 24.3 | 9.0 | 61 | <0.1 | 52.8 | 15.2 | 904 | 3.57 | 3.0 | 2.1 | 0.9 | 6.8 | 34 | 0.1 | 0.2 | 0.1 | 83 | 0.84 | 0.138 |
| APO 139663 | Soil | 1.6 | 23.8 | 7.9 | 48 | <0.1 | 17.8 | 2.6 | 57 | 1.13 | 1.6 | 0.6 | 0.9 | 0.3 | 15 | 0.3 | 0.6 | 0.2 | 39 | 0.05 | 0.028 |
| APO 145309 | Soil | 0.9 | 24.4 | 13.3 | 58 | <0.1 | 32.8 | 9.8 | 462 | 2.76 | 5.9 | 2.5 | 2.4 | 11.2 | 37 | <0.1 | 0.4 | 0.3 | 63 | 0.44 | 0.058 |
| APO 139581 | Soil | 0.7 | 23.9 | 15.8 | 68 | <0.1 | 69.9 | 16.6 | 720 | 3.33 | 3.9 | 2.0 | 1.3 | 5.6 | 80 | 0.1 | 0.2 | 0.2 | 84 | 1.98 | 0.126 |
| APO 139576 | Soil | 0.4 | 34.0 | 10.5 | 59 | <0.1 | 123.8 | 18.9 | 363 | 3.23 | 3.2 | 1.3 | 1.2 | 4.6 | 75 | <0.1 | 0.2 | 0.3 | 72 | 0.86 | 0.110 |
| APO 139575 | Soil | 0.9 | 36.2 | 4.7 | 58 | <0.1 | 200.3 | 25.0 | 488 | 3.85 | 1.9 | 1.8 | 1.2 | 6.6 | 51 | <0.1 | 0.2 | <0.1 | 78 | 0.79 | 0.159 |
| APO 139682 | Soil | 1.1 | 32.5 | 7.2 | 56 | <0.1 | 41.2 | 21.9 | 280 | 3.46 | 6.9 | 0.5 | 0.9 | 1.9 | 36 | 0.3 | 0.8 | 0.1 | 90 | 0.19 | 0.024 |
| APO 145305 | Soil | 0.9 | 14.3 | 11.0 | 44 | <0.1 | 17.4 | 8.3 | 593 | 2.23 | 6.8 | 0.8 | 1.4 | 3.9 | 52 | <0.1 | 0.3 | 0.2 | 51 | 0.47 | 0.027 |
| APO 139149 | Soil | 1.0 | 14.7 | 6.9 | 60 | <0.1 | 15.2 | 8.0 | 272 | 3.02 | 6.0 | 0.5 | 1.2 | 4.8 | 36 | <0.1 | 0.3 | <0.1 | 54 | 0.25 | 0.015 |
| APO 139573 | Soil | 0.7 | 31.3 | 9.3 | 62 | <0.1 | 155.8 | 18.2 | 691 | 2.82 | 2.5 | 2.2 | <0.5 | 6.9 | 65 | 0.2 | 0.1 | 0.2 | 57 | 1.82 | 0.129 |
| APO 139579 | Soil | 0.6 | 23.9 | 9.2 | 63 | <0.1 | 54.3 | 15.3 | 980 | 3.60 | 3.3 | 2.2 | 3.0 | 6.9 | 35 | 0.1 | 0.2 | 0.2 | 82 | 0.86 | 0.149 |
| APO 139147 | Soil | 0.6 | 10.6 | 7.2 | 53 | <0.1 | 12.1 | 6.7 | 353 | 2.22 | 4.9 | 1.1 | 3.1 | 4.5 | 44 | <0.1 | 0.2 | <0.1 | 49 | 0.40 | 0.026 |
| APO 139140 | Soil | 1.5 | 18.8 | 10.7 | 56 | 0.1 | 23.7 | 10.9 | 432 | 3.31 | 8.8 | 0.5 | 1.8 | 3.3 | 24 | 0.1 | 0.7 | 0.2 | 82 | 0.20 | 0.022 |

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



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Project: APO
Report Date: October 19, 2010

Page: 3 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|
| APO 139665 | Soil | 0.3 | 36.9 | 6.7 | 88 | <0.1 | 85.1 | 18.2 | 449 | 3.14 | 1.2 | 1.9 | 0.6 | 6.3 | 45 | <0.1 | 0.2 | <0.1 | 79 | 0.66 | 0.089 |
| APO 139142 | Soil | 0.9 | 12.1 | 7.6 | 62 | <0.1 | 14.6 | 7.5 | 859 | 2.40 | 5.1 | 0.6 | 1.0 | 3.8 | 43 | 0.1 | 0.4 | <0.1 | 52 | 0.39 | 0.021 |
| APO 139141 | Soil | 1.3 | 18.7 | 10.6 | 62 | 0.1 | 21.9 | 10.6 | 944 | 3.17 | 8.2 | 0.5 | 1.2 | 3.6 | 25 | 0.2 | 0.6 | 0.2 | 76 | 0.20 | 0.022 |
| APO 139681 | Soil | 0.5 | 67.9 | 8.3 | 42 | <0.1 | 123.8 | 20.1 | 844 | 2.83 | 1.2 | 1.2 | 2.4 | 5.0 | 259 | 0.2 | 0.2 | <0.1 | 82 | 2.83 | 0.241 |
| APO 139143 | Soil | 1.2 | 18.3 | 10.7 | 75 | <0.1 | 22.3 | 10.5 | 395 | 3.32 | 8.6 | 0.6 | 3.1 | 3.6 | 27 | 0.2 | 0.5 | 0.2 | 81 | 0.21 | 0.024 |
| APO 145304 | Soil | 1.4 | 14.8 | 10.0 | 55 | <0.1 | 19.1 | 10.4 | 447 | 2.99 | 7.4 | 0.4 | 1.0 | 2.5 | 27 | 0.1 | 0.4 | 0.2 | 71 | 0.23 | 0.025 |
| APO 138803 | Soil | 0.7 | 28.7 | 8.0 | 72 | <0.1 | 44.0 | 18.0 | 373 | 3.93 | 5.2 | 1.0 | 3.4 | 5.4 | 20 | <0.1 | 0.2 | 0.1 | 76 | 0.32 | 0.035 |
| APO 138814 | Soil | 0.8 | 32.2 | 11.6 | 71 | <0.1 | 46.1 | 17.6 | 417 | 3.92 | 6.1 | 3.1 | 1.1 | 10.5 | 14 | 0.1 | 0.5 | 0.2 | 74 | 0.24 | 0.070 |
| APO 138812 | Soil | 0.9 | 22.1 | 8.5 | 55 | <0.1 | 31.0 | 13.2 | 336 | 3.27 | 8.9 | 0.9 | 0.9 | 6.4 | 17 | 0.1 | 0.3 | 0.2 | 72 | 0.22 | 0.045 |
| APO 138804 | Soil | 1.0 | 31.8 | 7.6 | 69 | <0.1 | 41.7 | 18.9 | 374 | 3.72 | 6.4 | 1.6 | 1.3 | 7.1 | 13 | <0.1 | 0.2 | 0.1 | 60 | 0.18 | 0.051 |
| APO 138032 | Soil | 3.9 | 31.1 | 29.8 | 96 | 0.1 | 28.2 | 11.0 | 1211 | 4.20 | 5.8 | 1.4 | 1.9 | 8.1 | 40 | 0.2 | 0.4 | 0.1 | 118 | 0.48 | 0.033 |
| APO 139125 | Soil | 0.7 | 14.3 | 5.9 | 66 | <0.1 | 11.9 | 5.8 | 547 | 2.70 | 16.3 | 1.1 | 1.0 | 4.6 | 37 | <0.1 | 0.2 | <0.1 | 45 | 0.31 | 0.017 |
| APO 139818 | Soil | 1.1 | 12.6 | 12.0 | 52 | <0.1 | 12.4 | 13.2 | 736 | 3.36 | 6.8 | 0.9 | 1.2 | 6.0 | 15 | <0.1 | 0.4 | 0.2 | 53 | 0.18 | 0.033 |
| APO 139820 | Soil | 0.6 | 28.1 | 7.8 | 57 | <0.1 | 25.6 | 11.1 | 345 | 3.04 | 8.1 | 0.7 | 1.3 | 4.2 | 23 | <0.1 | 0.4 | 0.1 | 79 | 0.31 | 0.041 |
| APO 138807 | Soil | 1.2 | 33.4 | 8.8 | 74 | <0.1 | 31.5 | 11.2 | 274 | 4.20 | 3.8 | 1.1 | 0.6 | 7.9 | 24 | <0.1 | 0.2 | 0.1 | 89 | 0.12 | 0.032 |
| APO 138031 | Soil | 1.6 | 16.9 | 23.6 | 81 | 0.5 | 15.6 | 7.8 | 914 | 3.82 | 3.5 | 2.6 | 2.1 | 9.2 | 137 | 0.3 | 0.3 | <0.1 | 76 | 1.37 | 0.035 |
| APO 138034 | Soil | 0.7 | 14.8 | 19.6 | 96 | <0.1 | 10.6 | 14.6 | 1905 | 3.12 | 3.0 | 1.2 | 1.8 | 3.4 | 43 | 0.7 | 0.2 | <0.1 | 52 | 0.48 | 0.053 |
| APO 138808 | Soil | 0.7 | 22.8 | 10.1 | 71 | <0.1 | 36.4 | 17.5 | 420 | 3.67 | 4.2 | 0.8 | 1.8 | 7.0 | 20 | 0.1 | 0.2 | 0.1 | 56 | 0.27 | 0.071 |
| APO 139910 | Soil | 0.5 | 18.9 | 5.7 | 42 | <0.1 | 17.8 | 8.6 | 262 | 2.89 | 5.0 | 0.5 | 2.3 | 3.2 | 16 | 0.1 | 0.3 | 0.1 | 55 | 0.18 | 0.025 |
| APO 138809 | Soil | 0.6 | 27.7 | 7.0 | 77 | <0.1 | 57.9 | 18.1 | 282 | 3.93 | 4.1 | 0.8 | 1.0 | 6.5 | 16 | 0.1 | 0.2 | 0.1 | 73 | 0.23 | 0.057 |
| APO 138811 | Soil | 0.9 | 21.2 | 7.9 | 54 | <0.1 | 29.2 | 12.5 | 309 | 3.19 | 8.2 | 0.8 | 4.6 | 6.1 | 16 | 0.1 | 0.4 | 0.1 | 67 | 0.24 | 0.044 |
| APO 139129 | Soil | 1.4 | 19.5 | 10.5 | 55 | 0.1 | 21.9 | 10.2 | 498 | 3.24 | 9.4 | 0.5 | 1.9 | 2.5 | 35 | 0.1 | 0.5 | 0.2 | 80 | 0.27 | 0.019 |
| APO 138035 | Soil | 0.9 | 23.5 | 20.6 | 96 | 0.1 | 15.5 | 10.1 | 1791 | 2.87 | 4.2 | 0.9 | 1.7 | 4.6 | 49 | 0.5 | 0.3 | <0.1 | 66 | 0.84 | 0.073 |
| APO 139914 | Soil | 1.3 | 15.3 | 5.0 | 110 | <0.1 | 12.3 | 17.2 | 575 | 5.51 | 4.3 | 0.3 | 0.9 | 2.2 | 12 | 0.2 | 0.2 | 0.3 | 100 | 0.26 | 0.074 |
| APO 138810 | Soil | 0.5 | 29.4 | 6.9 | 83 | <0.1 | 63.6 | 21.5 | 331 | 4.44 | 4.2 | 0.8 | 2.2 | 6.5 | 16 | 0.1 | 0.2 | 0.1 | 87 | 0.26 | 0.058 |
| APO 139911 | Soil | 0.6 | 18.5 | 8.8 | 80 | <0.1 | 12.7 | 13.3 | 574 | 3.91 | 3.5 | 0.5 | 1.5 | 3.2 | 14 | 0.3 | 0.2 | 0.1 | 57 | 0.22 | 0.062 |
| APO 138569 | Soil | 2.3 | 43.3 | 3.4 | 57 | <0.1 | 521.2 | 51.1 | 966 | 4.94 | 7.2 | 0.5 | 1.3 | 1.6 | 156 | 0.2 | <0.1 | <0.1 | 68 | 2.61 | 0.088 |
| APO 138120 | Soil | 0.9 | 14.7 | 6.6 | 52 | <0.1 | 14.8 | 7.5 | 381 | 2.62 | 6.5 | 0.7 | 2.1 | 3.1 | 30 | <0.1 | 0.2 | 0.1 | 60 | 0.28 | 0.021 |
| APO 138813 | Soil | 0.4 | 18.1 | 8.8 | 63 | <0.1 | 41.5 | 13.5 | 299 | 3.33 | 4.6 | 1.1 | 3.5 | 8.8 | 16 | <0.1 | 0.2 | 0.1 | 65 | 0.31 | 0.072 |
| APO 138036 | Soil | 0.7 | 13.8 | 9.2 | 52 | <0.1 | 10.4 | 6.0 | 845 | 2.31 | 3.8 | 0.6 | 1.1 | 4.3 | 65 | 0.1 | 0.2 | <0.1 | 48 | 0.65 | 0.031 |

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



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Project: APO
Report Date: October 19, 2010

Page: 3 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 138665 | Soil | 19 | 139 | 2.01 | 223 | 0.106 | <1 | 1.90 | 0.030 | 0.18 | 0.1 | <0.01 | 9.1 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138142 | Soil | 11 | 28 | 0.35 | 184 | 0.049 | <1 | 2.50 | 0.016 | 0.04 | <0.1 | 0.02 | 3.5 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139141 | Soil | 8 | 44 | 0.52 | 222 | 0.072 | <1 | 2.86 | 0.014 | 0.04 | <0.1 | 0.02 | 3.5 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139681 | Soil | 12 | 110 | 0.88 | 816 | 0.004 | 2 | 0.94 | 0.011 | 0.21 | <0.1 | 0.02 | 10.8 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| APO 139143 | Soil | 9 | 44 | 0.53 | 210 | 0.091 | 1 | 2.87 | 0.015 | 0.04 | <0.1 | 0.02 | 3.3 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 145304 | Soil | 8 | 34 | 0.41 | 224 | 0.067 | <1 | 2.82 | 0.016 | 0.05 | <0.1 | 0.02 | 3.2 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138803 | Soil | 13 | 69 | 1.32 | 166 | 0.213 | 2 | 2.93 | 0.016 | 0.44 | <0.1 | 0.01 | 3.7 | 0.4 | 0.08 | 8 | <0.5 | <0.2 |
| APO 138814 | Soil | 39 | 52 | 0.82 | 114 | 0.139 | 1 | 2.50 | 0.012 | 0.51 | <0.1 | 0.02 | 4.0 | 0.4 | 0.09 | 7 | <0.5 | <0.2 |
| APO 138812 | Soil | 15 | 49 | 0.87 | 118 | 0.135 | 2 | 2.81 | 0.018 | 0.15 | 0.1 | 0.03 | 4.1 | 0.2 | 0.07 | 7 | 0.5 | <0.2 |
| APO 138804 | Soil | 36 | 47 | 0.89 | 98 | 0.098 | 2 | 2.44 | 0.012 | 0.19 | <0.1 | 0.02 | 3.7 | 0.2 | 0.13 | 6 | <0.5 | <0.2 |
| APO 138032 | Soil | 23 | 62 | 0.54 | 201 | 0.078 | 2 | 2.23 | 0.023 | 0.06 | 0.4 | 0.04 | 16.4 | <0.1 | 0.15 | 6 | 1.1 | <0.2 |
| APO 139125 | Soil | 9 | 25 | 0.27 | 123 | 0.018 | <1 | 1.63 | 0.019 | 0.05 | <0.1 | 0.03 | 6.8 | <0.1 | 0.07 | 4 | 0.5 | <0.2 |
| APO 139818 | Soil | 19 | 26 | 0.45 | 253 | 0.050 | 1 | 1.81 | 0.009 | 0.22 | <0.1 | 0.04 | 5.8 | 0.4 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139820 | Soil | 16 | 48 | 0.74 | 224 | 0.124 | <1 | 2.00 | 0.016 | 0.06 | <0.1 | 0.03 | 6.3 | 0.1 | <0.05 | 6 | 0.6 | <0.2 |
| APO 138807 | Soil | 15 | 70 | 1.29 | 124 | 0.281 | <1 | 2.32 | 0.010 | 0.81 | <0.1 | 0.02 | 3.9 | 0.5 | <0.05 | 11 | 0.6 | <0.2 |
| APO 138031 | Soil | 21 | 46 | 0.28 | 121 | 0.012 | 2 | 1.77 | 0.020 | 0.08 | 0.2 | 0.07 | 14.4 | <0.1 | <0.05 | 7 | 1.1 | <0.2 |
| APO 138034 | Soil | 9 | 19 | 0.35 | 242 | 0.011 | <1 | 1.49 | 0.011 | 0.09 | 0.1 | 0.05 | 6.8 | <0.1 | <0.05 | 5 | 0.6 | <0.2 |
| APO 138808 | Soil | 16 | 49 | 1.55 | 160 | 0.182 | 1 | 3.18 | 0.013 | 0.80 | <0.1 | 0.01 | 3.0 | 0.6 | <0.05 | 7 | 0.6 | <0.2 |
| APO 139910 | Soil | 8 | 31 | 0.64 | 146 | 0.090 | 1 | 2.55 | 0.012 | 0.06 | <0.1 | 0.03 | 3.9 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| APO 138809 | Soil | 15 | 73 | 1.43 | 130 | 0.190 | 1 | 3.02 | 0.014 | 0.74 | <0.1 | <0.01 | 3.9 | 0.6 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138811 | Soil | 15 | 42 | 0.73 | 119 | 0.136 | 2 | 2.52 | 0.016 | 0.15 | 0.2 | 0.02 | 3.8 | 0.2 | 0.06 | 6 | <0.5 | <0.2 |
| APO 139129 | Soil | 8 | 40 | 0.51 | 229 | 0.087 | <1 | 2.94 | 0.021 | 0.05 | 0.1 | 0.03 | 4.2 | 0.1 | 0.05 | 8 | <0.5 | <0.2 |
| APO 138035 | Soil | 9 | 27 | 0.41 | 281 | 0.058 | 4 | 1.60 | 0.028 | 0.10 | 0.2 | 0.06 | 6.2 | <0.1 | 0.12 | 5 | 0.7 | <0.2 |
| APO 139914 | Soil | 4 | 18 | 1.41 | 256 | 0.221 | <1 | 3.39 | 0.019 | 0.53 | 0.2 | <0.01 | 5.4 | 0.4 | <0.05 | 8 | 0.6 | <0.2 |
| APO 138810 | Soil | 15 | 81 | 1.45 | 127 | 0.222 | <1 | 3.13 | 0.010 | 0.78 | <0.1 | 0.01 | 4.7 | 0.6 | 0.06 | 9 | <0.5 | <0.2 |
| APO 139911 | Soil | 6 | 18 | 0.78 | 145 | 0.141 | 2 | 2.56 | 0.009 | 0.63 | <0.1 | 0.02 | 6.2 | 0.4 | 0.13 | 6 | <0.5 | <0.2 |
| APO 138589 | Soil | 5 | 184 | 11.02 | 145 | 0.005 | 13 | 0.68 | 0.022 | 0.07 | <0.1 | 0.01 | 12.2 | 0.3 | 0.10 | 2 | 0.5 | <0.2 |
| APO 138120 | Soil | 9 | 28 | 0.56 | 174 | 0.071 | <1 | 2.60 | 0.022 | 0.05 | <0.1 | 0.02 | 4.1 | <0.1 | 0.10 | 6 | 0.7 | <0.2 |
| APO 138813 | Soil | 28 | 63 | 1.18 | 93 | 0.182 | 3 | 3.02 | 0.015 | 0.44 | 0.2 | 0.04 | 3.5 | 0.5 | 0.05 | 7 | 0.7 | <0.2 |
| APO 138036 | Soil | 12 | 24 | 0.40 | 106 | 0.024 | 2 | 1.53 | 0.024 | 0.08 | 0.2 | 0.03 | 6.6 | <0.1 | 0.10 | 5 | <0.5 | <0.2 |

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Project: APO
Report Date: October 19, 2010

Page: 4 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|
| APO 139903 | Soil | 1.5 | 17.2 | 12.5 | 37 | <0.1 | 19.1 | 8.6 | 189 | 2.80 | 10.0 | 0.9 | 1.1 | 5.3 | 21 | 0.1 | 0.4 | 0.2 | 60 | 0.16 | 0.022 |
| APO 139123 | Soil | 1.1 | 12.8 | 5.8 | 53 | <0.1 | 11.7 | 6.4 | 555 | 2.42 | 5.2 | 0.6 | 1.6 | 3.2 | 34 | 0.1 | 0.2 | <0.1 | 51 | 0.32 | 0.034 |
| APO 139913 | Soil | 0.5 | 17.8 | 4.2 | 104 | <0.1 | 15.3 | 11.2 | 437 | 3.40 | 3.9 | 0.4 | 1.4 | 2.9 | 16 | 0.1 | 0.2 | <0.1 | 55 | 0.25 | 0.062 |
| APO 139915 | Soil | 0.9 | 28.3 | 9.8 | 62 | <0.1 | 32.9 | 11.1 | 321 | 3.06 | 7.6 | 0.8 | 2.4 | 4.0 | 20 | 0.2 | 0.5 | 0.1 | 65 | 0.25 | 0.052 |
| APO 139124 | Soil | 1.1 | 13.0 | 6.3 | 49 | <0.1 | 14.2 | 6.4 | 312 | 1.96 | 5.9 | 1.0 | 1.9 | 3.1 | 37 | <0.1 | 0.3 | <0.1 | 42 | 0.32 | 0.030 |
| APO 138111 | Soil | 1.5 | 32.8 | 23.2 | 70 | <0.1 | 58.8 | 14.1 | 395 | 2.79 | 21.7 | 2.1 | 7.8 | 5.9 | 39 | 0.1 | 0.9 | 0.6 | 66 | 0.41 | 0.040 |
| APO 139487 | Soil | 0.7 | 23.3 | 7.8 | 41 | <0.1 | 29.5 | 9.8 | 554 | 2.52 | 4.7 | 1.1 | 5.9 | 2.5 | 53 | 0.2 | 0.3 | 0.1 | 60 | 0.41 | 0.031 |
| APO 138042 | Soil | 1.1 | 25.3 | 11.4 | 75 | <0.1 | 29.3 | 13.0 | 639 | 3.85 | 9.1 | 1.3 | 2.4 | 5.4 | 41 | 0.1 | 0.5 | 0.1 | 82 | 0.34 | 0.017 |
| APO 138050 | Soil | 0.6 | 23.5 | 9.1 | 37 | <0.1 | 15.9 | 7.3 | 443 | 2.32 | 2.6 | 1.1 | 1.2 | 3.3 | 28 | 0.1 | 0.2 | 0.2 | 48 | 0.48 | 0.043 |
| APO 138818 | Soil | 0.8 | 27.2 | 10.0 | 58 | <0.1 | 29.3 | 11.4 | 328 | 3.27 | 7.5 | 1.8 | 2.7 | 7.7 | 22 | <0.1 | 0.4 | 0.3 | 71 | 0.27 | 0.057 |
| APO 139486 | Soil | 0.4 | 37.2 | 7.5 | 80 | <0.1 | 52.3 | 14.5 | 566 | 4.30 | 4.3 | 1.1 | 1.1 | 9.7 | 22 | <0.1 | 0.3 | 0.3 | 52 | 0.31 | 0.040 |
| APO 138033 | Soil | 6.5 | 28.2 | 37.8 | 209 | 0.5 | 15.1 | 24.9 | 6194 | 6.90 | 6.2 | 1.6 | 3.8 | 7.0 | 204 | 0.7 | 0.2 | <0.1 | 90 | 2.62 | 0.083 |
| APO 139673 | Soil | 0.7 | 16.8 | 10.6 | 57 | <0.1 | 18.2 | 6.6 | 229 | 2.49 | 3.9 | 1.9 | 1.3 | 15.8 | 29 | <0.1 | 0.3 | <0.1 | 52 | 0.56 | 0.082 |
| APO 145077 | Soil | 1.6 | 22.9 | 9.5 | 86 | <0.1 | 60.8 | 14.7 | 586 | 4.44 | 26.7 | 4.1 | 1.3 | 12.4 | 36 | 0.1 | 0.4 | 0.8 | 111 | 0.67 | 0.163 |
| APO 145081 | Soil | 1.1 | 16.8 | 8.0 | 66 | <0.1 | 27.5 | 9.4 | 385 | 3.13 | 6.2 | 0.7 | <0.5 | 3.4 | 24 | 0.1 | 0.3 | 0.1 | 79 | 0.25 | 0.053 |
| APO 143996 | Soil | 1.2 | 36.8 | 11.3 | 112 | <0.1 | 15.1 | 16.5 | 839 | 5.52 | 2.2 | 1.2 | <0.5 | 11.5 | 20 | <0.1 | 0.2 | 0.2 | 43 | 0.32 | 0.113 |
| APO 139677 | Soil | 0.9 | 38.6 | 7.8 | 56 | <0.1 | 70.6 | 18.7 | 1151 | 3.29 | 2.3 | 1.3 | 1.0 | 4.8 | 206 | 0.3 | <0.1 | 0.1 | 61 | 1.50 | 0.124 |
| APO 145087 | Soil | 1.3 | 19.8 | 10.0 | 53 | <0.1 | 25.4 | 11.7 | 448 | 2.94 | 4.8 | 1.4 | 1.3 | 5.6 | 318 | <0.1 | 0.4 | <0.1 | 78 | 0.36 | 0.036 |
| APO 145076 | Soil | 3.8 | 24.5 | 17.6 | 80 | 0.1 | 38.6 | 18.3 | 1114 | 4.26 | 9.9 | 2.4 | 0.6 | 6.1 | 44 | 0.2 | 0.2 | 0.1 | 105 | 0.58 | 0.106 |
| APO 139529 | Soil | 1.1 | 13.3 | 8.4 | 55 | <0.1 | 14.8 | 6.6 | 486 | 2.55 | 5.4 | 0.4 | 0.9 | 2.4 | 20 | 0.2 | 0.3 | 0.1 | 59 | 0.18 | 0.021 |
| APO 145082 | Soil | 1.5 | 73.0 | 6.5 | 154 | <0.1 | 73.8 | 15.7 | 469 | 3.81 | 4.1 | 1.9 | <0.5 | 5.3 | 36 | <0.1 | 0.2 | <0.1 | 112 | 0.45 | 0.057 |
| APO 145086 | Soil | 0.4 | 22.7 | 15.5 | 47 | <0.1 | 27.8 | 10.0 | 327 | 2.38 | 1.0 | 1.4 | 1.1 | 9.3 | 85 | <0.1 | 0.2 | 0.2 | 65 | 0.94 | 0.128 |
| APO 143995 | Soil | 1.0 | 26.2 | 11.7 | 54 | <0.1 | 23.2 | 10.2 | 306 | 3.11 | 6.2 | 1.8 | 2.7 | 21.9 | 26 | <0.1 | 0.5 | 0.2 | 69 | 0.27 | 0.024 |
| APO 139533 | Soil | 1.4 | 15.6 | 10.0 | 78 | 0.1 | 18.2 | 9.2 | 825 | 3.07 | 6.5 | 0.4 | <0.5 | 3.0 | 25 | 0.2 | 0.5 | 0.2 | 76 | 0.22 | 0.020 |
| APO 139471 | Soil | 0.3 | 34.7 | 6.4 | 72 | <0.1 | 32.4 | 27.3 | 708 | 4.51 | 2.6 | 1.1 | <0.5 | 9.0 | 36 | <0.1 | 0.1 | <0.1 | 80 | 0.58 | 0.042 |
| APO 139484 | Soil | 1.0 | 34.9 | 15.7 | 72 | <0.1 | 101.4 | 20.2 | 683 | 3.93 | 5.9 | 1.1 | 4.4 | 5.4 | 46 | 0.1 | 0.3 | 0.2 | 100 | 0.46 | 0.053 |
| APO 139815 | Soil | 0.2 | 28.1 | 9.6 | 69 | <0.1 | 74.5 | 21.9 | 439 | 3.59 | 3.8 | 1.0 | 5.2 | 5.7 | 35 | <0.1 | 0.3 | 0.1 | 73 | 0.54 | 0.115 |
| APO 139912 | Soil | 0.5 | 17.1 | 9.2 | 74 | <0.1 | 14.0 | 11.6 | 423 | 3.49 | 3.5 | 0.6 | <0.5 | 3.8 | 14 | 0.2 | 0.2 | 0.1 | 51 | 0.20 | 0.048 |
| APO 139472 | Soil | 0.6 | 23.3 | 10.1 | 58 | <0.1 | 26.8 | 11.8 | 282 | 3.25 | 9.0 | 0.9 | 2.0 | 6.5 | 23 | <0.1 | 0.3 | 0.1 | 61 | 0.33 | 0.033 |
| APO 138626 | Soil | 0.6 | 37.2 | 8.9 | 89 | <0.1 | 54.2 | 15.4 | 306 | 3.99 | 7.9 | 1.7 | <0.5 | 10.7 | 20 | <0.1 | 1.1 | 0.2 | 66 | 0.31 | 0.090 |

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Project: APO
Report Date: October 19, 2010

Page: 5 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|
| APO 138823 | Soil | 0.6 | 38.9 | 6.4 | 72 | <0.1 | 51.5 | 18.7 | 339 | 3.70 | 5.0 | 0.9 | 1.0 | 6.0 | 17 | <0.1 | 0.3 | 0.1 | 61 | 0.21 | 0.048 |
| APO 139817 | Soil | 1.2 | 11.8 | 9.8 | 35 | <0.1 | 6.1 | 7.5 | 624 | 2.79 | 7.6 | 1.7 | 0.7 | 6.3 | 13 | <0.1 | 0.5 | 0.1 | 20 | 0.08 | 0.023 |
| APO 139470 | Soil | 0.5 | 18.1 | 12.2 | 98 | <0.1 | 22.6 | 15.8 | 551 | 3.75 | 3.4 | 1.0 | <0.5 | 9.9 | 28 | <0.1 | 0.2 | 0.1 | 49 | 0.43 | 0.087 |
| APO 138816 | Soil | 0.9 | 18.2 | 13.2 | 48 | <0.1 | 22.7 | 10.4 | 302 | 2.80 | 6.2 | 1.8 | 1.7 | 6.8 | 20 | <0.1 | 0.3 | 0.2 | 67 | 0.24 | 0.041 |
| APO 138822 | Soil | 0.7 | 25.0 | 6.9 | 53 | <0.1 | 30.6 | 17.9 | 294 | 2.95 | 4.8 | 0.8 | 1.8 | 4.2 | 16 | <0.1 | 0.3 | 0.1 | 55 | 0.19 | 0.044 |
| APO 138825 | Soil | 0.5 | 20.0 | 6.3 | 77 | <0.1 | 41.0 | 19.2 | 463 | 4.28 | 2.7 | 0.9 | <0.5 | 11.2 | 19 | <0.1 | 0.2 | 0.2 | 59 | 0.30 | 0.079 |
| APO 138029 | Soil | 1.1 | 18.0 | 16.3 | 74 | <0.1 | 18.9 | 7.1 | 431 | 3.70 | 7.1 | 0.5 | <0.5 | 2.4 | 25 | 0.4 | 0.5 | 0.2 | 85 | 0.24 | 0.028 |
| APO 138026 | Soil | 1.0 | 13.2 | 16.0 | 77 | 0.1 | 12.6 | 5.9 | 713 | 3.23 | 3.8 | 0.6 | 0.7 | 2.7 | 36 | 0.3 | 0.3 | 0.1 | 64 | 0.33 | 0.042 |
| APO 139466 | Soil | 0.9 | 27.0 | 9.2 | 66 | <0.1 | 27.7 | 12.6 | 335 | 3.47 | 7.1 | 1.5 | 1.5 | 6.4 | 21 | 0.1 | 0.3 | 0.1 | 61 | 0.27 | 0.055 |
| APO 139462 | Soil | 1.0 | 23.4 | 14.2 | 55 | <0.1 | 26.0 | 14.5 | 497 | 3.21 | 8.7 | 1.2 | 3.0 | 9.0 | 22 | <0.1 | 0.4 | 0.2 | 70 | 0.29 | 0.043 |
| APO 139478 | Soil | 0.9 | 46.6 | 19.3 | 84 | <0.1 | 50.8 | 19.7 | 435 | 4.40 | 4.2 | 1.0 | <0.5 | 11.9 | 39 | <0.1 | 0.3 | <0.1 | 49 | 0.70 | 0.114 |
| APO 139475 | Soil | 0.5 | 39.0 | 19.7 | 79 | <0.1 | 48.7 | 17.5 | 304 | 4.16 | 3.9 | 1.2 | 0.5 | 12.2 | 16 | <0.1 | 0.2 | 0.1 | 49 | 0.18 | 0.034 |
| APO 139469 | Soil | 0.7 | 29.5 | 8.1 | 90 | <0.1 | 32.6 | 15.2 | 408 | 3.39 | 6.4 | 0.7 | 5.7 | 6.3 | 31 | <0.1 | 0.3 | 0.1 | 63 | 0.39 | 0.054 |
| APO 138025 | Soil | 1.1 | 20.3 | 11.7 | 85 | <0.1 | 24.0 | 11.0 | 719 | 3.32 | 7.7 | 0.6 | 0.8 | 2.2 | 31 | 0.2 | 0.6 | 0.2 | 73 | 0.31 | 0.038 |
| APO 139463 | Soil | 1.2 | 16.7 | 14.9 | 51 | <0.1 | 19.5 | 9.8 | 291 | 3.00 | 8.2 | 0.8 | 3.5 | 4.8 | 22 | 0.1 | 0.4 | 0.2 | 72 | 0.27 | 0.040 |
| APO 139468 | Soil | 1.2 | 23.1 | 63.1 | 85 | <0.1 | 27.0 | 13.4 | 319 | 3.40 | 7.2 | 0.9 | 1.9 | 6.6 | 23 | 0.1 | 0.3 | 0.1 | 60 | 0.29 | 0.051 |
| APO 139467 | Soil | 0.5 | 28.6 | 6.8 | 80 | <0.1 | 36.4 | 17.8 | 468 | 4.11 | 4.6 | 1.0 | 1.6 | 8.8 | 30 | <0.1 | 0.2 | <0.1 | 64 | 0.41 | 0.057 |
| APO 138824 | Soil | 0.5 | 32.0 | 5.1 | 75 | <0.1 | 39.9 | 21.1 | 477 | 4.19 | 2.5 | 0.6 | <0.5 | 5.1 | 22 | <0.1 | 0.2 | <0.1 | 66 | 0.43 | 0.091 |
| APO 139887 | Soil | 0.8 | 41.2 | 7.8 | 60 | <0.1 | 35.1 | 14.0 | 349 | 3.20 | 14.3 | 0.8 | 5.9 | 3.5 | 30 | 0.1 | 0.8 | 0.2 | 72 | 0.33 | 0.038 |
| APO 138557 | Soil | 0.2 | 15.9 | 8.1 | 52 | <0.1 | 22.3 | 6.9 | 270 | 1.70 | 4.5 | 1.3 | 2.2 | 5.9 | 63 | <0.1 | 0.2 | <0.1 | 26 | 0.54 | 0.160 |
| APO 139886 | Soil | 1.0 | 33.6 | 7.0 | 54 | <0.1 | 35.0 | 14.2 | 329 | 3.20 | 10.5 | 0.7 | 3.4 | 3.4 | 22 | <0.1 | 0.4 | 0.2 | 76 | 0.31 | 0.055 |
| APO 139886 | Soil | 0.7 | 23.7 | 6.2 | 43 | 0.1 | 26.5 | 12.7 | 261 | 2.73 | 18.6 | 0.4 | 2.7 | 1.5 | 20 | 0.1 | 1.0 | 0.2 | 65 | 0.25 | 0.041 |
| APO 139891 | Soil | 0.9 | 32.4 | 6.9 | 47 | <0.1 | 24.6 | 8.9 | 196 | 2.36 | 5.5 | 0.7 | 1.8 | 1.1 | 21 | 0.2 | 0.3 | 0.2 | 58 | 0.24 | 0.063 |
| APO 139812 | Soil | 1.2 | 23.9 | 8.2 | 81 | <0.1 | 33.0 | 12.7 | 484 | 3.80 | 31.8 | 1.0 | 3.4 | 4.3 | 23 | 0.2 | 1.8 | 0.2 | 78 | 0.16 | 0.033 |
| APO 139864 | Soil | 1.4 | 18.3 | 10.2 | 47 | 0.1 | 17.1 | 7.9 | 228 | 3.33 | 13.5 | 0.5 | 1.8 | 2.2 | 17 | 0.2 | 0.9 | 0.2 | 80 | 0.17 | 0.036 |
| APO 139887 | Soil | 1.8 | 30.6 | 6.8 | 53 | <0.1 | 30.6 | 13.7 | 334 | 3.48 | 12.9 | 0.4 | 2.6 | 2.0 | 15 | 0.2 | 0.5 | 0.2 | 90 | 0.25 | 0.055 |
| APO 139916 | Soil | 1.4 | 18.7 | 10.9 | 53 | <0.1 | 20.0 | 9.9 | 375 | 3.37 | 9.1 | 1.0 | 4.0 | 3.9 | 23 | 0.1 | 0.5 | 0.2 | 70 | 0.23 | 0.055 |
| APO 139942 | Soil | 1.0 | 23.3 | 24.0 | 60 | 0.2 | 46.9 | 19.6 | 522 | 4.19 | 16.7 | 3.3 | <0.5 | 10.0 | 32 | 0.1 | 0.5 | 0.1 | 115 | 0.61 | 0.134 |
| APO 139892 | Soil | 1.1 | 36.8 | 8.2 | 60 | 0.1 | 34.1 | 14.1 | 341 | 3.50 | 30.1 | 0.7 | 4.4 | 3.8 | 18 | 0.2 | 0.8 | 0.2 | 81 | 0.26 | 0.058 |
| APO 139894 | Soil | 0.9 | 34.3 | 7.9 | 47 | <0.1 | 27.1 | 10.7 | 220 | 2.87 | 7.5 | 0.7 | 2.6 | 1.7 | 19 | 0.1 | 0.4 | 0.2 | 69 | 0.26 | 0.066 |

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Project: APO
Report Date: October 19, 2010

Page: 5 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 138823 | Soil | 16 | 59 | 1.07 | 171 | 0.150 | <1 | 2.65 | 0.013 | 0.62 | <0.1 | 0.01 | 2.9 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139817 | Soil | 26 | 9 | 0.11 | 167 | 0.007 | 4 | 1.02 | 0.004 | 0.14 | <0.1 | 0.17 | 4.9 | 0.3 | <0.05 | 2 | <0.5 | <0.2 |
| APO 139470 | Soil | 28 | 43 | 1.16 | 160 | 0.117 | 2 | 2.29 | 0.009 | 0.56 | 0.1 | 0.01 | 3.1 | 0.6 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138816 | Soil | 47 | 34 | 0.55 | 99 | 0.124 | 2 | 1.89 | 0.015 | 0.15 | 0.1 | 0.02 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138822 | Soil | 21 | 40 | 0.62 | 113 | 0.085 | 1 | 1.90 | 0.012 | 0.10 | <0.1 | 0.02 | 2.9 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138825 | Soil | 23 | 51 | 1.39 | 240 | 0.151 | <1 | 2.75 | 0.007 | 0.85 | <0.1 | <0.01 | 2.6 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138029 | Soil | 8 | 34 | 0.44 | 163 | 0.047 | 1 | 2.45 | 0.011 | 0.04 | <0.1 | 0.02 | 3.1 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138026 | Soil | 15 | 25 | 0.31 | 157 | 0.025 | 2 | 1.77 | 0.017 | 0.04 | 0.1 | 0.04 | 3.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139466 | Soil | 18 | 39 | 0.79 | 162 | 0.096 | 2 | 2.37 | 0.011 | 0.18 | 0.1 | 0.03 | 3.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139462 | Soil | 16 | 38 | 0.79 | 157 | 0.107 | 2 | 2.43 | 0.014 | 0.10 | 0.1 | 0.02 | 3.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139478 | Soil | 17 | 56 | 1.28 | 312 | 0.139 | <1 | 2.46 | 0.007 | 0.52 | <0.1 | <0.01 | 4.2 | 0.4 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139475 | Soil | 42 | 53 | 1.01 | 129 | 0.116 | <1 | 2.48 | 0.008 | 0.58 | <0.1 | 0.01 | 2.8 | 0.5 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139469 | Soil | 16 | 40 | 0.71 | 152 | 0.118 | 2 | 2.16 | 0.013 | 0.10 | 0.2 | 0.02 | 3.6 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138025 | Soil | 9 | 35 | 0.53 | 137 | 0.068 | 2 | 2.47 | 0.016 | 0.05 | <0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139463 | Soil | 13 | 33 | 0.64 | 118 | 0.098 | 1 | 1.87 | 0.012 | 0.07 | 0.1 | 0.02 | 3.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139468 | Soil | 15 | 34 | 0.63 | 133 | 0.107 | 1 | 2.05 | 0.012 | 0.08 | 0.1 | 0.03 | 3.1 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139467 | Soil | 31 | 56 | 1.32 | 310 | 0.164 | 1 | 2.62 | 0.012 | 0.65 | <0.1 | <0.01 | 3.4 | 0.4 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138824 | Soil | 10 | 49 | 1.52 | 263 | 0.165 | <1 | 2.79 | 0.017 | 1.02 | <0.1 | <0.01 | 2.3 | 0.4 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139887 | Soil | 14 | 42 | 0.70 | 187 | 0.108 | 2 | 2.24 | 0.024 | 0.05 | 0.1 | 0.04 | 5.7 | <0.1 | <0.05 | 6 | 0.6 | <0.2 |
| APO 138557 | Soil | 25 | 30 | 0.58 | 142 | 0.059 | 2 | 1.29 | 0.026 | 0.07 | 0.7 | <0.01 | 1.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139896 | Soil | 13 | 46 | 0.79 | 180 | 0.113 | 1 | 2.40 | 0.017 | 0.04 | <0.1 | 0.02 | 5.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139886 | Soil | 7 | 37 | 0.55 | 114 | 0.080 | 2 | 1.94 | 0.015 | 0.05 | 0.1 | 0.02 | 3.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139891 | Soil | 10 | 31 | 0.50 | 122 | 0.079 | 1 | 1.47 | 0.016 | 0.06 | <0.1 | 0.03 | 2.6 | <0.1 | 0.05 | 6 | <0.5 | 0.3 |
| APO 139812 | Soil | 12 | 45 | 0.53 | 191 | 0.064 | 3 | 2.01 | 0.014 | 0.08 | <0.1 | 0.04 | 5.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139884 | Soil | 8 | 34 | 0.39 | 122 | 0.089 | 1 | 1.95 | 0.012 | 0.04 | 0.1 | 0.04 | 3.0 | 0.1 | <0.05 | 9 | <0.5 | 0.3 |
| APO 139887 | Soil | 8 | 48 | 0.68 | 106 | 0.105 | 1 | 2.02 | 0.017 | 0.04 | <0.1 | 0.02 | 5.4 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139916 | Soil | 18 | 34 | 0.56 | 211 | 0.089 | 2 | 2.39 | 0.015 | 0.05 | 0.1 | 0.04 | 4.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139942 | Soil | 26 | 86 | 1.19 | 112 | 0.094 | 1 | 1.92 | 0.021 | 0.06 | <0.1 | 0.03 | 8.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139892 | Soil | 18 | 43 | 0.85 | 143 | 0.103 | 2 | 2.52 | 0.016 | 0.04 | 0.1 | 0.03 | 6.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139894 | Soil | 10 | 36 | 0.56 | 120 | 0.093 | 2 | 2.10 | 0.018 | 0.04 | <0.1 | 0.03 | 3.9 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |

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Project: APO
Report Date: October 19, 2010

Page: 6 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|-------|
| APO 139872 | Soil | 0.8 | 16.1 | 10.9 | 8.4 | 70 | <0.1 | 18.4 | 6.8 | 216 | 2.61 | 3.6 | 2.1 | 1.0 | 17.8 | 30 | <0.1 | 0.2 | <0.1 | 52 | 0.57 | 0.102 |
| APO 143980 | Soil | 0.6 | 22.5 | 8.4 | 70 | <0.1 | 23.2 | 11.3 | 281 | 3.30 | 5.0 | 3.2 | 4.0 | 2.3 | <0.1 | 0.3 | 0.1 | 59 | 0.35 | 0.081 | | |
| APO 145084 | Soil | 1.1 | 15.4 | 10.1 | 56 | <0.1 | 22.3 | 8.6 | 240 | 2.75 | 9.1 | 2.4 | 6.1 | 31 | <0.1 | 0.4 | 0.3 | 64 | 0.23 | 0.023 | | |
| APO 143979 | Soil | 0.6 | 24.6 | 9.2 | 78 | 0.1 | 25.4 | 14.7 | 382 | 3.70 | 4.6 | 1.0 | 2.3 | 6.3 | 27 | 0.1 | 0.3 | 0.2 | 58 | 0.43 | 0.102 | |
| APO 145094 | Soil | 0.8 | 11.1 | 19.8 | 63 | <0.1 | 11.7 | 6.9 | 570 | 1.99 | 2.2 | 1.0 | <0.5 | 3.0 | 101 | 0.2 | 0.3 | 0.2 | 40 | 0.55 | 0.036 | |
| APO 143984 | Soil | 0.5 | 27.0 | 8.7 | 128 | <0.1 | 33.3 | 23.7 | 691 | 5.79 | 1.9 | 1.0 | <0.5 | 12.6 | 29 | 0.1 | <0.1 | <0.1 | 53 | 0.64 | 0.220 | |
| APO 145085 | Soil | 0.5 | 32.8 | 13.7 | 77 | <0.1 | 51.4 | 15.4 | 572 | 4.13 | 2.5 | 2.7 | 2.2 | 8.4 | 63 | 0.1 | 0.2 | 0.2 | 96 | 0.81 | 0.126 | |
| APO 143978 | Soil | 0.8 | 35.9 | 9.2 | 101 | <0.1 | 33.7 | 14.7 | 356 | 4.13 | 5.9 | 1.0 | 1.7 | 6.1 | 23 | <0.1 | 0.3 | 0.1 | 68 | 0.33 | 0.067 | |
| APO 139680 | Soil | 1.4 | 34.7 | 13.1 | 66 | <0.1 | 70.5 | 22.2 | 945 | 4.27 | 3.6 | 1.7 | 1.8 | 4.5 | 92 | 0.2 | 0.2 | 0.1 | 86 | 0.76 | 0.140 | |
| APO 139905 | Soil | 0.5 | 17.5 | 9.7 | 55 | <0.1 | 20.1 | 10.5 | 460 | 2.96 | 4.8 | 0.6 | 1.0 | 2.8 | 27 | <0.1 | 0.2 | 0.1 | 70 | 0.31 | 0.060 | |
| APO 145096 | Soil | 0.4 | 18.0 | 26.4 | 76 | <0.1 | 15.7 | 6.5 | 323 | 2.70 | 2.8 | 1.6 | 1.1 | 10.1 | 239 | 0.1 | 0.3 | 0.2 | 44 | 0.68 | 0.027 | |
| APO 145095 | Soil | 0.4 | 10.7 | 24.9 | 77 | <0.1 | 10.8 | 6.6 | 310 | 2.03 | 1.6 | 1.4 | 1.5 | 6.2 | 71 | 0.2 | 0.2 | 0.2 | 33 | 0.53 | 0.028 | |
| APO 138830 | Soil | 0.5 | 22.1 | 12.8 | 73 | <0.1 | 26.1 | 15.1 | 496 | 4.03 | 8.1 | 0.9 | 0.8 | 19.4 | 31 | 0.1 | 0.3 | 0.1 | 63 | 0.38 | 0.106 | |
| APO 139134 | Soil | 0.6 | 11.6 | 4.8 | 69 | <0.1 | 10.6 | 4.9 | 748 | 2.25 | 4.2 | 1.9 | 1.5 | 5.7 | 41 | 0.1 | 0.2 | 0.1 | 24 | 0.36 | 0.014 | |
| APO 138833 | Soil | 0.5 | 27.5 | 10.2 | 68 | <0.1 | 29.7 | 11.5 | 297 | 3.52 | 7.6 | 1.2 | 6.9 | 6.9 | 29 | <0.1 | 0.4 | 0.2 | 72 | 0.37 | 0.062 | |
| APO 143971 | Soil | 0.7 | 42.6 | 10.4 | 122 | <0.1 | 53.7 | 22.4 | 668 | 5.52 | 7.1 | 1.4 | 1.2 | 11.3 | 23 | <0.1 | 0.3 | 0.1 | 64 | 0.35 | 0.052 | |
| APO 138828 | Soil | 0.7 | 20.9 | 8.3 | 55 | <0.1 | 26.1 | 12.4 | 308 | 3.17 | 8.6 | 0.8 | 4.5 | 4.9 | 23 | 0.1 | 0.5 | 0.2 | 67 | 0.27 | 0.049 | |
| APO 138827 | Soil | 0.9 | 20.5 | 9.2 | 57 | <0.1 | 26.6 | 15.3 | 514 | 3.38 | 7.4 | 1.7 | 0.9 | 9.8 | 21 | <0.1 | 0.4 | 0.1 | 61 | 0.28 | 0.075 | |
| APO 139476 | Soil | 1.0 | 33.5 | 14.2 | 80 | <0.1 | 40.0 | 13.7 | 271 | 4.09 | 4.6 | 1.5 | 0.9 | 10.5 | 19 | <0.1 | 0.2 | 0.3 | 53 | 0.23 | 0.046 | |
| APO 138132 | Soil | 0.5 | 24.4 | 12.6 | 62 | <0.1 | 27.3 | 11.8 | 364 | 3.43 | 4.7 | 2.2 | 1.5 | 11.0 | 37 | <0.1 | 0.3 | 0.3 | 45 | 0.45 | 0.077 | |
| APO 139131 | Soil | 1.2 | 20.8 | 8.9 | 62 | <0.1 | 20.3 | 9.0 | 405 | 3.13 | 7.9 | 1.6 | 2.3 | 4.5 | 38 | <0.1 | 0.3 | 0.2 | 68 | 0.36 | 0.018 | |
| APO 138831 | Soil | 0.5 | 32.0 | 8.9 | 72 | <0.1 | 54.8 | 17.5 | 429 | 4.17 | 9.2 | 1.4 | 0.9 | 9.3 | 37 | <0.1 | 0.3 | 0.1 | 65 | 0.54 | 0.041 | |
| APO 143970 | Soil | 0.8 | 24.1 | 6.8 | 63 | <0.1 | 28.1 | 11.0 | 215 | 3.17 | 5.3 | 0.9 | 2.1 | 5.7 | 28 | <0.1 | 0.3 | 0.1 | 61 | 0.43 | 0.041 | |
| APO 138130 | Soil | 0.4 | 34.9 | 13.7 | 89 | <0.1 | 35.1 | 16.2 | 806 | 4.23 | 11.2 | 1.5 | 2.0 | 17.0 | 25 | <0.1 | 0.5 | 0.5 | 49 | 0.31 | 0.052 | |
| APO 139898 | Soil | 1.8 | 27.0 | 7.1 | 55 | <0.1 | 31.8 | 11.7 | 331 | 3.08 | 14.1 | 0.6 | 3.4 | 3.0 | 19 | <0.1 | 0.4 | 0.2 | 75 | 0.27 | 0.046 | |
| APO 139536 | Soil | 1.0 | 14.1 | 7.0 | 53 | <0.1 | 17.7 | 8.5 | 875 | 2.63 | 5.2 | 0.5 | 1.2 | 2.3 | 26 | 0.1 | 0.3 | 0.1 | 67 | 0.27 | 0.018 | |
| APO 139534 | Soil | 1.1 | 12.2 | 9.3 | 79 | <0.1 | 18.5 | 8.0 | 378 | 2.62 | 7.5 | 0.5 | 1.8 | 2.7 | 47 | 0.2 | 0.3 | 0.1 | 54 | 0.46 | 0.031 | |
| APO 143998 | Soil | 0.6 | 22.4 | 8.0 | 58 | <0.1 | 23.1 | 10.9 | 376 | 3.21 | 5.9 | 0.9 | 2.6 | 6.1 | 31 | <0.1 | 0.3 | 0.1 | 67 | 0.42 | 0.050 | |
| APO 139451 | Soil | 1.2 | 37.6 | 7.3 | 50 | 0.4 | 27.7 | 10.1 | 349 | 2.83 | 8.9 | 0.7 | 8.0 | 2.8 | 31 | 0.2 | 0.6 | 0.1 | 73 | 0.38 | 0.057 | |
| APO 139538 | Soil | 0.3 | 20.2 | 11.5 | 47 | <0.1 | 18.2 | 8.1 | 761 | 2.36 | 2.1 | 1.1 | 1.2 | 7.3 | 70 | 0.1 | <0.1 | 0.2 | 29 | 1.23 | 0.072 | |

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Project: APO

Report Date: October 19, 2010

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Ti ppm | S % | Ga ppm | Se ppm | Te ppm |
|-------------------------|-----------|--------|------|--------|-------|-------|------|-------|------|-------|--------|--------|--------|-------|--------|--------|--------|
| APO 139572 Soil | 30 | 33 | 0.76 | 164 | 0.043 | 1 | 1.73 | 0.018 | 0.10 | 0.6 | 0.01 | 7.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 143860 Soil | 15 | 37 | 0.92 | 204 | 0.160 | 1 | 2.17 | 0.015 | 0.35 | 0.1 | 0.03 | 2.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145084 Soil | 13 | 45 | 0.63 | 176 | 0.108 | 2 | 2.13 | 0.018 | 0.06 | 0.4 | 0.02 | 3.8 | <0.1 | <0.05 | 6 | <0.5 | 0.2 |
| APO 143979 Soil | 20 | 44 | 1.09 | 212 | 0.179 | 2 | 2.22 | 0.016 | 0.60 | 0.1 | 0.02 | 3.0 | 0.4 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145094 Soil | 14 | 21 | 0.42 | 319 | 0.066 | 1 | 1.99 | 0.020 | 0.19 | <0.1 | 0.02 | 2.4 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |
| APO 143984 Soil | 29 | 44 | 1.65 | 404 | 0.269 | 1 | 3.45 | 0.008 | 1.49 | <0.1 | <0.01 | 2.2 | 0.7 | <0.05 | 10 | <0.5 | <0.2 |
| APO 145085 Soil | 25 | 84 | 1.67 | 270 | 0.118 | 2 | 2.38 | 0.030 | 0.25 | <0.1 | 0.01 | 8.7 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APO 143978 Soil | 21 | 49 | 1.07 | 148 | 0.152 | 2 | 2.24 | 0.012 | 0.54 | 0.1 | 0.03 | 3.6 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139680 Soil | 14 | 78 | 0.50 | 807 | 0.008 | 3 | 1.72 | 0.018 | 0.20 | <0.1 | 0.02 | 10.1 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139905 Soil | 9 | 29 | 0.45 | 236 | 0.038 | <1 | 2.06 | 0.013 | 0.05 | <0.1 | 0.03 | 4.5 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 145096 Soil | 28 | 27 | 0.73 | 386 | 0.093 | 1 | 2.45 | 0.050 | 0.14 | <0.1 | <0.01 | 5.4 | 0.1 | <0.05 | 8 | <0.5 | 0.2 |
| APO 145095 Soil | 24 | 19 | 0.67 | 215 | 0.052 | <1 | 1.97 | 0.191 | 0.24 | <0.1 | <0.01 | 3.0 | 0.4 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138630 Soil | 64 | 40 | 1.02 | 200 | 0.137 | 4 | 2.40 | 0.008 | 0.76 | <0.1 | <0.01 | 5.7 | 0.4 | <0.05 | 10 | <0.5 | <0.2 |
| APO 139134 Soil | 12 | 15 | 0.25 | 114 | 0.015 | <1 | 1.48 | 0.018 | 0.03 | <0.1 | 0.02 | 4.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 138633 Soil | 20 | 50 | 0.80 | 218 | 0.111 | 3 | 2.28 | 0.014 | 0.34 | <0.1 | 0.03 | 6.2 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APO 143971 Soil | 23 | 60 | 1.58 | 159 | 0.235 | 1 | 3.09 | 0.012 | 1.37 | <0.1 | 0.01 | 3.6 | 1.1 | <0.05 | 9 | <0.5 | <0.2 |
| APO 138628 Soil | 11 | 39 | 0.74 | 176 | 0.122 | 2 | 2.67 | 0.021 | 0.07 | 0.1 | 0.03 | 4.4 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138627 Soil | 23 | 38 | 0.89 | 215 | 0.137 | 1 | 2.41 | 0.017 | 0.33 | <0.1 | 0.02 | 4.1 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139476 Soil | 25 | 40 | 0.73 | 104 | 0.082 | 2 | 2.24 | 0.009 | 0.26 | <0.1 | 0.03 | 4.0 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138132 Soil | 32 | 48 | 0.75 | 336 | 0.030 | 3 | 2.49 | 0.010 | 0.42 | <0.1 | 0.01 | 6.1 | 0.4 | <0.05 | 8 | 0.6 | <0.2 |
| APO 139131 Soil | 11 | 35 | 0.56 | 167 | 0.083 | 1 | 2.80 | 0.020 | 0.05 | <0.1 | 0.02 | 5.5 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138631 Soil | 29 | 93 | 1.11 | 238 | 0.062 | 4 | 2.60 | 0.013 | 0.42 | <0.1 | 0.02 | 9.3 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APO 143970 Soil | 15 | 40 | 0.82 | 128 | 0.152 | 1 | 1.87 | 0.013 | 0.30 | <0.1 | 0.02 | 2.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138130 Soil | 41 | 43 | 0.93 | 368 | 0.111 | 2 | 2.16 | 0.013 | 0.84 | <0.1 | 0.01 | 7.4 | 0.5 | <0.05 | 9 | <0.5 | <0.2 |
| APO 139698 Soil | 14 | 43 | 0.69 | 144 | 0.085 | 2 | 2.14 | 0.019 | 0.05 | <0.1 | 0.03 | 5.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139536 Soil | 8 | 31 | 0.49 | 233 | 0.082 | 1 | 2.15 | 0.018 | 0.08 | <0.1 | 0.03 | 3.8 | <0.1 | <0.05 | 6 | <0.5 | 0.2 |
| APO 139534 Soil | 9 | 29 | 0.37 | 194 | 0.026 | 2 | 2.38 | 0.016 | 0.07 | <0.1 | 0.02 | 4.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 143998 Soil | 23 | 34 | 0.72 | 199 | 0.134 | 3 | 2.01 | 0.041 | 0.21 | 0.1 | 0.03 | 5.1 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139451 Soil | 15 | 38 | 0.65 | 264 | 0.101 | 2 | 2.02 | 0.034 | 0.06 | 0.1 | 0.03 | 5.9 | 0.1 | <0.05 | 5 | 0.7 | <0.2 |
| APO 139538 Soil | 15 | 31 | 0.56 | 310 | 0.010 | 3 | 1.33 | 0.012 | 0.44 | <0.1 | <0.01 | 5.7 | 0.2 | <0.05 | 5 | <0.5 | <0.2 |

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Project: APO
Report Date: October 19, 2010

Page: 7 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit | MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % |
|---------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|
| APO 139523 | Soil | 1.9 | 14.6 | 7.3 | 60 | 0.1 | 16.4 | 10.4 | 1149 | 2.65 | 5.5 | 0.5 | 1.6 | 2.0 | 26 | 0.2 | 0.4 | 0.1 | 69 | 0.28 | 0.023 |
| APO 139535 | Soil | 1.2 | 12.3 | 8.1 | 64 | <0.1 | 20.6 | 9.3 | 744 | 2.84 | 7.3 | 0.4 | 2.0 | 2.3 | 25 | 0.2 | 0.5 | 0.1 | 71 | 0.25 | 0.025 |
| APO 145083 | Soil | 0.6 | 15.9 | 11.5 | 60 | <0.1 | 24.1 | 8.2 | 640 | 2.39 | 5.7 | 1.3 | 4.4 | 4.2 | 31 | 0.2 | 0.3 | 0.1 | 58 | 0.28 | 0.029 |
| APO 139537 | Soil | 0.6 | 6.6 | 16.0 | 29 | <0.1 | 8.5 | 4.2 | 550 | 1.20 | 1.6 | 1.6 | 0.5 | 5.0 | 52 | 0.2 | 0.1 | <0.1 | 21 | 0.51 | 0.031 |
| APO 139456 | Soil | 1.0 | 32.7 | 7.9 | 77 | <0.1 | 37.9 | 15.1 | 450 | 3.45 | 5.9 | 0.7 | <0.5 | 3.4 | 15 | 0.2 | 0.5 | 0.1 | 86 | 0.23 | 0.055 |
| APO 139474 | Soil | 1.5 | 37.1 | 8.5 | 75 | <0.1 | 43.1 | 14.1 | 370 | 3.99 | 42.1 | 1.4 | 2.2 | 13.9 | 25 | <0.1 | 0.5 | 0.1 | 44 | 0.34 | 0.045 |
| APO 139899 | Soil | 0.8 | 29.5 | 7.1 | 52 | <0.1 | 38.6 | 15.8 | 351 | 3.64 | 14.0 | 0.6 | 3.1 | 2.3 | 20 | 0.2 | 0.4 | 0.2 | 97 | 0.27 | 0.042 |
| APO 139454 | Soil | 1.4 | 40.2 | 8.6 | 55 | 0.1 | 26.8 | 11.3 | 414 | 3.12 | 11.2 | 0.8 | 4.4 | 1.6 | 19 | 0.2 | 0.5 | 0.2 | 73 | 0.20 | 0.063 |
| APO 139483 | Soil | 1.2 | 20.9 | 9.4 | 71 | <0.1 | 28.9 | 14.3 | 384 | 3.86 | 7.2 | 0.5 | 5.3 | 8.0 | 19 | <0.1 | 0.4 | 0.1 | 65 | 0.21 | 0.028 |
| APO 139457 | Soil | 0.5 | 32.1 | 5.5 | 72 | <0.1 | 37.8 | 16.9 | 474 | 3.43 | 3.3 | 0.6 | 1.7 | 4.1 | 21 | <0.1 | 0.2 | <0.1 | 65 | 0.36 | 0.059 |
| APO 139482 | Soil | 0.6 | 22.7 | 14.2 | 95 | <0.1 | 30.6 | 18.5 | 442 | 4.76 | 3.5 | 0.6 | 11.1 | 7.0 | 24 | 0.1 | 0.2 | 0.1 | 47 | 0.37 | 0.115 |
| APO 139548 | Soil | 1.2 | 13.1 | 9.1 | 42 | <0.1 | 26.3 | 10.3 | 826 | 2.88 | 9.0 | 2.8 | 1.4 | 3.0 | 70 | <0.1 | 0.1 | 0.2 | 35 | 0.52 | 0.029 |
| APO 139479 | Soil | 0.5 | 44.7 | 9.6 | 60 | 0.2 | 51.8 | 20.4 | 401 | 3.91 | 4.6 | 0.9 | 2.5 | 8.3 | 63 | <0.1 | 0.3 | <0.1 | 55 | 0.75 | 0.121 |
| APO 139473 | Soil | 1.1 | 24.5 | 8.3 | 61 | <0.1 | 31.9 | 14.3 | 300 | 3.81 | 7.6 | 0.7 | 2.4 | 6.3 | 17 | 0.1 | 0.4 | 0.1 | 72 | 0.20 | 0.024 |
| APO 139901 | Soil | 0.9 | 39.2 | 10.2 | 61 | 0.1 | 31.2 | 12.9 | 385 | 3.30 | 10.2 | 0.7 | 3.2 | 3.3 | 22 | 0.2 | 0.4 | 0.2 | 76 | 0.26 | 0.039 |
| APO 143988 | Soil | 1.1 | 21.2 | 9.5 | 85 | <0.1 | 27.4 | 17.5 | 531 | 4.64 | 4.2 | 0.7 | <0.5 | 5.8 | 23 | <0.1 | 0.2 | 0.1 | 70 | 0.30 | 0.057 |
| APO 139516 | Soil | 0.6 | 11.4 | 5.3 | 45 | <0.1 | 8.9 | 4.5 | 794 | 1.64 | 2.2 | 1.7 | 1.9 | 3.9 | 47 | 0.2 | 0.2 | <0.1 | 27 | 0.47 | 0.023 |
| APO 139524 | Soil | 1.6 | 14.0 | 8.2 | 49 | 0.2 | 17.5 | 7.1 | 331 | 2.74 | 5.7 | 0.4 | 2.0 | 2.0 | 22 | 0.1 | 0.5 | 0.2 | 69 | 0.17 | 0.017 |
| APO 139526 | Soil | 1.2 | 15.0 | 9.6 | 57 | 0.2 | 18.8 | 8.1 | 577 | 2.94 | 7.3 | 0.4 | 1.3 | 2.6 | 29 | 0.1 | 0.4 | 0.2 | 71 | 0.25 | 0.021 |
| APO 139540 | Soil | 0.9 | 11.6 | 7.5 | 65 | <0.1 | 13.1 | 6.9 | 1367 | 1.61 | 3.4 | 0.3 | 3.3 | 0.9 | 69 | 0.3 | 0.2 | <0.1 | 41 | 0.73 | 0.025 |
| APO 139455 | Soil | 1.6 | 37.4 | 10.3 | 62 | 0.2 | 27.9 | 11.1 | 325 | 3.00 | 10.8 | 1.0 | 2.4 | 4.0 | 21 | 0.3 | 0.7 | 0.2 | 76 | 0.23 | 0.056 |
| APO 139453 | Soil | 1.7 | 34.0 | 9.9 | 55 | 0.5 | 21.8 | 7.0 | 201 | 2.30 | 38.3 | 1.4 | 3.0 | 2.8 | 23 | 0.2 | 1.3 | 0.1 | 48 | 0.22 | 0.038 |
| APO 139481 | Soil | 0.7 | 29.7 | 18.5 | 94 | <0.1 | 35.3 | 18.7 | 482 | 4.91 | 2.9 | 0.9 | 1.1 | 16.3 | 22 | <0.1 | 0.4 | 0.2 | 57 | 0.39 | 0.087 |
| APO 138125 | Soil | 0.8 | 35.3 | 7.0 | 72 | 0.1 | 30.0 | 11.7 | 231 | 2.98 | 6.8 | 0.7 | 2.3 | 3.4 | 26 | 0.1 | 0.3 | 0.1 | 69 | 0.23 | 0.027 |
| APO 139458 | Soil | 0.9 | 30.0 | 11.9 | 65 | 0.2 | 26.3 | 10.4 | 309 | 2.83 | 6.2 | 1.0 | 3.9 | 3.1 | 23 | 0.1 | 0.4 | 0.2 | 68 | 0.33 | 0.060 |
| APO 139452 | Soil | 1.7 | 40.7 | 8.5 | 50 | 0.2 | 24.8 | 11.2 | 330 | 2.79 | 11.9 | 0.9 | 4.6 | 2.9 | 21 | 0.1 | 0.5 | 0.1 | 69 | 0.23 | 0.044 |
| APO 139542 | Soil | 0.8 | 13.3 | 14.8 | 35 | <0.1 | 13.3 | 6.6 | 517 | 1.55 | 3.3 | 2.5 | 3.3 | 5.1 | 121 | <0.1 | 0.2 | <0.1 | 33 | 0.88 | 0.031 |
| APO 139541 | Soil | 0.9 | 9.6 | 12.9 | 32 | <0.1 | 8.2 | 5.5 | 633 | 1.52 | 3.3 | 1.6 | 1.7 | 3.9 | 97 | 0.1 | <0.1 | <0.1 | 27 | 0.63 | 0.033 |
| APO 139547 | Soil | 0.7 | 17.3 | 11.5 | 40 | <0.1 | 26.4 | 9.6 | 401 | 1.99 | 7.5 | 2.9 | 1.5 | 6.1 | 105 | 0.1 | 0.2 | 0.2 | 38 | 0.59 | 0.052 |
| APO 143967 | Soil | 0.4 | 23.0 | 5.0 | 52 | <0.1 | 22.2 | 12.5 | 296 | 2.74 | 3.0 | 0.6 | 2.0 | 4.3 | 18 | <0.1 | 0.2 | <0.1 | 51 | 0.29 | 0.057 |

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Project: APO
Report Date: October 19, 2010

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CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| APO 139816 | Soil | 0.5 | 12.8 | 7.7 | 116 | <0.1 | 37.6 | 16.6 | 932 | 4.9 | 1.4 | 0.5 | 8.6 | 18 | 0.1 | 0.5 | 0.2 | 75 | 0.22 | 0.048 |
| APO 138592 | Soil | 0.3 | 25.4 | 21.8 | 61 | <0.1 | 37.8 | 8.3 | 469 | 2.54 | 2.1 | 0.8 | 14.7 | 83 | 0.3 | 0.2 | 0.3 | 48 | 0.57 | 0.068 |
| APO 139917 | Soil | 1.4 | 28.7 | 10.3 | 65 | 0.2 | 28.1 | 12.2 | 406 | 3.63 | 11.6 | 10.0 | 4.1 | 21 | 0.2 | 0.7 | 0.2 | 81 | 0.22 | 0.045 |
| APO 138596 | Soil | 1.0 | 34.3 | 14.4 | 84 | <0.1 | 44.1 | 14.6 | 639 | 3.35 | 5.5 | 1.6 | 8.0 | 75 | 0.2 | 0.3 | 0.3 | 83 | 0.84 | 0.158 |
| APO 138590 | Soil | 4.7 | 37.8 | 5.0 | 59 | <0.1 | 530.0 | 59.8 | 1140 | 5.22 | 17.3 | 0.8 | 1.0 | 1.6 | 192 | 0.1 | 0.2 | <0.1 | 56 | 2.81 |
| APO 138597 | Soil | 0.5 | 20.6 | 14.7 | 44 | <0.1 | 24.7 | 8.0 | 288 | 2.37 | 3.1 | 2.4 | 0.7 | 5.9 | 53 | 0.1 | 0.3 | 0.3 | 49 | 0.45 |
| APO 138594 | Soil | 0.7 | 35.3 | 12.2 | 67 | 0.1 | 59.1 | 13.6 | 472 | 3.31 | 4.8 | 1.7 | 2.9 | 9.0 | 79 | 0.2 | 0.4 | 0.2 | 72 | 0.74 |
| APO 139821 | Soil | 1.3 | 37.5 | 10.7 | 93 | 0.1 | 39.7 | 11.6 | 533 | 3.28 | 15.1 | 1.3 | 1.3 | 5.8 | 25 | 0.3 | 0.5 | 0.2 | 70 | 0.32 |
| APO 139819 | Soil | 1.0 | 19.9 | 12.0 | 59 | <0.1 | 19.9 | 11.9 | 406 | 3.38 | 7.6 | 0.8 | 1.7 | 6.4 | 16 | 0.1 | 0.4 | 0.2 | 64 | 0.19 |
| APO 138595 | Soil | 1.2 | 29.1 | 14.8 | 51 | <0.1 | 38.1 | 7.4 | 233 | 3.71 | 15.9 | 3.8 | 1.6 | 13.4 | 54 | 0.2 | 0.6 | 0.3 | 90 | 0.49 |
| APO 138599 | Soil | 0.6 | 70.0 | 15.3 | 68 | <0.1 | 155.7 | 27.3 | 736 | 3.85 | 8.8 | 1.3 | 2.6 | 4.1 | 111 | 0.2 | 0.6 | 0.1 | 94 | 1.25 |
| APO 138028 | Soil | 0.9 | 11.8 | 14.1 | 74 | <0.1 | 13.2 | 6.7 | 524 | 3.35 | 3.4 | 0.7 | <0.5 | 4.9 | 47 | 0.2 | 0.3 | <0.1 | 59 | 0.36 |
| APO 139561 | Soil | 0.5 | 19.2 | 26.7 | 41 | <0.1 | 18.2 | 6.8 | 322 | 1.82 | 3.6 | 4.5 | 0.6 | 15.8 | 102 | <0.1 | 0.4 | 0.8 | 35 | 0.80 |
| APO 139565 | Soil | 0.4 | 24.0 | 12.7 | 63 | <0.1 | 59.2 | 11.3 | 421 | 2.52 | 1.4 | 2.3 | <0.5 | 9.0 | 36 | <0.1 | 0.1 | 0.2 | 47 | 0.88 |
| APO 139571 | Soil | 0.7 | 19.2 | 7.7 | 39 | <0.1 | 25.1 | 7.1 | 285 | 2.31 | 5.8 | 0.7 | 1.0 | 2.7 | 25 | 0.1 | 0.3 | 1.2 | 59 | 0.36 |
| APO 145100 | Soil | 0.2 | 29.3 | 25.0 | 66 | <0.1 | 60.9 | 14.8 | 588 | 3.25 | 2.2 | 2.3 | 1.5 | 11.2 | 796 | 0.5 | 0.2 | 0.2 | 78 | 1.35 |
| APO 139564 | Soil | 0.3 | 8.3 | 11.5 | 30 | <0.1 | 10.6 | 3.0 | 572 | 0.94 | 1.1 | 1.7 | <0.5 | 15.2 | 35 | 0.1 | 0.2 | <0.1 | 13 | 0.70 |
| APO 145101 | Soil | 0.6 | 25.6 | 19.5 | 80 | <0.1 | 45.7 | 20.2 | 1160 | 4.21 | 4.0 | 2.1 | <0.5 | 9.3 | 101 | 0.2 | 0.3 | 0.3 | 87 | 0.77 |
| APO 139568 | Soil | 1.2 | 28.1 | 8.8 | 61 | <0.1 | 54.2 | 14.4 | 410 | 3.97 | 5.8 | 2.0 | 0.7 | 5.0 | 69 | 0.1 | 0.4 | 0.2 | 98 | 0.38 |
| APO 139555 | Soil | 0.6 | 13.3 | 16.5 | 66 | <0.1 | 16.8 | 7.5 | 399 | 2.72 | 4.1 | 1.2 | 1.3 | 3.4 | 115 | 0.1 | 0.3 | 0.2 | 69 | 0.36 |
| APO 139550 | Soil | 0.2 | 17.0 | 15.8 | 52 | <0.1 | 30.5 | 5.9 | 282 | 1.89 | 1.7 | 3.0 | <0.5 | 8.0 | 305 | 0.1 | 0.1 | 0.2 | 31 | 1.00 |
| APO 145107 | Soil | 0.9 | 14.7 | 13.4 | 55 | <0.1 | 20.2 | 7.7 | 902 | 2.21 | 5.7 | 0.7 | 1.5 | 3.4 | 37 | 0.3 | 0.3 | 1.1 | 48 | 0.30 |
| APO 145106 | Soil | 0.5 | 19.2 | 13.8 | 38 | <0.1 | 26.0 | 7.9 | 469 | 1.97 | 3.9 | 2.4 | 0.9 | 8.4 | 48 | <0.1 | 0.4 | 0.2 | 43 | 0.62 |
| APO 139559 | Soil | 0.6 | 15.4 | 11.8 | 49 | <0.1 | 20.8 | 8.3 | 336 | 2.55 | 7.1 | 1.3 | <0.5 | 3.4 | 73 | <0.1 | 0.2 | 0.1 | 58 | 0.38 |
| APO 139554 | Soil | 1.1 | 16.1 | 9.4 | 76 | <0.1 | 18.2 | 11.0 | 1366 | 2.82 | 6.2 | 0.4 | 0.9 | 1.9 | 30 | 0.1 | 0.4 | 0.2 | 69 | 0.24 |
| APO 139572 | Soil | 0.4 | 30.8 | 8.2 | 56 | <0.1 | 36.4 | 6.4 | 1474 | 2.07 | 2.0 | 1.3 | 2.2 | 7.4 | 34 | 0.2 | 0.1 | 0.1 | 45 | 0.72 |
| APO 139549 | Soil | 0.5 | 18.5 | 12.4 | 54 | <0.1 | 29.4 | 7.8 | 348 | 2.18 | 4.0 | 1.9 | 0.9 | 5.4 | 94 | <0.1 | 0.2 | 0.1 | 44 | 0.76 |
| APO 139552 | Soil | 0.4 | 17.5 | 12.0 | 64 | <0.1 | 19.0 | 6.5 | 363 | 2.49 | 3.5 | 2.3 | 2.0 | 6.5 | 114 | <0.1 | 0.2 | 0.1 | 58 | 0.77 |
| APO 139946 | Soil | 1.8 | 30.3 | 9.0 | 80 | 0.1 | 69.3 | 13.9 | 1209 | 4.97 | 12.9 | 2.8 | 1.8 | 11.9 | 41 | 0.1 | 0.4 | <0.1 | 128 | 0.99 |
| APO 139947 | Soil | 1.7 | 22.2 | 6.4 | 77 | <0.1 | 53.7 | 13.5 | 390 | 4.89 | 3.6 | 1.6 | <0.5 | 5.0 | 40 | <0.1 | 0.3 | <0.1 | 104 | 0.63 |

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Report Date: October 19, 2010

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CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APC 139816 | Soil | 48 | 122 | 0.84 | 339 | 0.036 | 4 | 1.76 | 0.014 | 0.62 | <0.1 | 0.05 | 13.8 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APC 138582 | Soil | 32 | 56 | 0.90 | 126 | 0.077 | 1 | 2.05 | 0.110 | 0.22 | <0.1 | 0.02 | 8.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139917 | Soil | 13 | 43 | 0.63 | 174 | 0.103 | 2 | 2.73 | 0.014 | 0.05 | 0.1 | 0.05 | 4.9 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APC 138598 | Soil | 26 | 69 | 1.11 | 345 | 0.079 | <1 | 2.29 | 0.033 | 0.26 | <0.1 | 0.03 | 10.5 | 0.7 | <0.05 | 9 | <0.5 | <0.2 |
| APC 138590 | Soil | 5 | 154 | 8.51 | 175 | 0.006 | 9 | 0.61 | 0.017 | 0.05 | 0.1 | <0.01 | 10.5 | 0.2 | <0.05 | 2 | <0.5 | <0.2 |
| APC 138597 | Soil | 22 | 36 | 0.52 | 217 | 0.075 | 2 | 2.00 | 0.045 | 0.10 | <0.1 | 0.03 | 5.9 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APC 138594 | Soil | 26 | 75 | 1.14 | 170 | 0.127 | 1 | 2.13 | 0.062 | 0.11 | <0.1 | 0.03 | 9.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139821 | Soil | 23 | 38 | 0.69 | 257 | 0.098 | <1 | 1.83 | 0.017 | 0.12 | <0.1 | 0.02 | 6.0 | 0.2 | <0.05 | 8 | 0.6 | <0.2 |
| APC 139819 | Soil | 10 | 33 | 0.53 | 146 | 0.110 | 2 | 2.60 | 0.012 | 0.17 | <0.1 | 0.03 | 4.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APC 138595 | Soil | 25 | 43 | 0.63 | 120 | 0.006 | 2 | 1.74 | 0.013 | 0.08 | 0.2 | 0.02 | 5.9 | 0.1 | <0.05 | 6 | <0.5 | 0.6 |
| APC 138599 | Soil | 15 | 91 | 3.12 | 230 | 0.214 | 6 | 2.17 | 0.060 | 0.12 | 0.3 | 0.03 | 7.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| APC 138028 | Soil | 10 | 26 | 0.34 | 140 | 0.032 | <1 | 2.01 | 0.022 | 0.04 | <0.1 | 0.02 | 5.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139561 | Soil | 33 | 31 | 0.88 | 178 | 0.041 | <1 | 2.46 | 0.037 | 0.06 | <0.1 | 0.02 | 4.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139565 | Soil | 28 | 77 | 1.80 | 152 | 0.081 | <1 | 1.73 | 0.019 | 0.20 | <0.1 | <0.01 | 5.1 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139571 | Soil | 14 | 44 | 0.54 | 157 | 0.071 | <1 | 1.82 | 0.017 | 0.04 | 0.2 | 0.02 | 4.1 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 145100 | Soil | 31 | 98 | 2.03 | 786 | 0.119 | 2 | 3.04 | 0.033 | 0.34 | 0.2 | 0.02 | 5.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139564 | Soil | 23 | 11 | 0.34 | 73 | 0.007 | <1 | 0.87 | 0.010 | 0.05 | 0.4 | <0.01 | 2.1 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| APC 145101 | Soil | 20 | 98 | 2.19 | 287 | 0.139 | 2 | 2.40 | 0.030 | 0.30 | 0.2 | 0.01 | 7.4 | 0.4 | <0.05 | 11 | <0.5 | <0.2 |
| APC 139568 | Soil | 12 | 119 | 1.18 | 240 | 0.151 | <1 | 3.02 | 0.021 | 0.09 | 0.4 | 0.01 | 5.0 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APC 139555 | Soil | 15 | 28 | 0.51 | 201 | 0.110 | <1 | 2.41 | 0.046 | 0.05 | 0.1 | 0.01 | 3.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139550 | Soil | 32 | 52 | 0.88 | 278 | 0.039 | <1 | 2.11 | 0.186 | 0.14 | <0.1 | <0.01 | 3.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 145107 | Soil | 12 | 33 | 0.48 | 202 | 0.078 | <1 | 1.80 | 0.015 | 0.07 | 0.1 | 0.02 | 2.8 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APC 145106 | Soil | 21 | 41 | 0.56 | 150 | 0.058 | <1 | 1.81 | 0.030 | 0.06 | <0.1 | 0.02 | 4.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APC 139559 | Soil | 14 | 32 | 0.74 | 227 | 0.090 | 1 | 2.17 | 0.034 | 0.08 | 0.2 | 0.01 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139554 | Soil | 9 | 30 | 0.43 | 217 | 0.080 | <1 | 2.17 | 0.022 | 0.04 | 0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APC 139572 | Soil | 27 | 74 | 1.10 | 204 | 0.040 | <1 | 1.69 | 0.020 | 0.26 | <0.1 | 0.02 | 3.4 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139549 | Soil | 25 | 39 | 1.06 | 220 | 0.059 | <1 | 2.10 | 0.036 | 0.08 | 0.1 | 0.02 | 3.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139552 | Soil | 39 | 27 | 0.80 | 153 | 0.106 | 1 | 1.96 | 0.040 | 0.08 | <0.1 | 0.02 | 4.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139946 | Soil | 44 | 114 | 1.37 | 137 | 0.173 | 2 | 1.26 | 0.019 | 0.08 | 0.2 | 0.02 | 11.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APC 139847 | Soil | 21 | 93 | 1.72 | 114 | 0.173 | 1 | 2.02 | 0.021 | 0.06 | 0.4 | <0.01 | 4.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |

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Project: APO
Report Date: October 19, 2010

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CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 |
| Soil | 1.2 | 19.5 | 20.6 | 48 | <0.1 | 31.2 | 9.4 | 1308 | 2.58 | 8.8 | 2.0 | 0.7 | 10.7 | 52 | 0.1 | 0.5 | 0.1 | 55 | 0.40 | 0.023 |
| Soil | 1.1 | 21.6 | 14.2 | 44 | <0.1 | 24.2 | 9.8 | 719 | 2.48 | 8.8 | 2.2 | 1.5 | 11.2 | 55 | 0.2 | 0.4 | 0.1 | 51 | 0.49 | 0.040 |
| Soil | 0.6 | 13.7 | 9.1 | 50 | <0.1 | 18.7 | 6.9 | 236 | 2.49 | 3.5 | 1.8 | 0.7 | 4.6 | 64 | <0.1 | 0.2 | 0.1 | 50 | 0.42 | 0.058 |
| Soil | 0.6 | 10.2 | 22.6 | 36 | <0.1 | 10.9 | 4.3 | 161 | 1.69 | 2.8 | 2.3 | 1.7 | 4.4 | 72 | 0.1 | 0.2 | 0.4 | 32 | 0.26 | 0.015 |
| Soil | 0.5 | 14.8 | 10.2 | 48 | <0.1 | 17.0 | 5.6 | 272 | 2.22 | 4.3 | 1.5 | <0.5 | 4.5 | 55 | <0.1 | 0.2 | 0.2 | 48 | 0.46 | 0.064 |
| Soil | 1.1 | 20.9 | 22.9 | 60 | 0.2 | 46.5 | 18.8 | 493 | 4.27 | 15.8 | 3.0 | <0.5 | 9.6 | 33 | <0.1 | 0.4 | <0.1 | 111 | 0.58 | 0.118 |
| Soil | 0.8 | 14.5 | 14.7 | 64 | <0.1 | 16.3 | 6.9 | 387 | 2.65 | 4.6 | 1.4 | 2.0 | 3.4 | 158 | <0.1 | 0.2 | 0.2 | 65 | 0.50 | 0.037 |
| Soil | 0.3 | 23.9 | 12.1 | 55 | <0.1 | 47.5 | 11.5 | 459 | 2.55 | 2.4 | 2.2 | 4.4 | 7.3 | 40 | <0.1 | 0.2 | 0.3 | 43 | 0.83 | 0.111 |
| Soil | 1.0 | 17.7 | 17.7 | 43 | <0.1 | 25.9 | 8.5 | 1177 | 2.30 | 8.1 | 1.8 | 1.3 | 9.2 | 48 | 0.2 | 0.5 | 0.1 | 53 | 0.37 | 0.022 |
| Soil | 0.2 | 11.2 | 24.6 | 75 | <0.1 | 13.1 | 6.2 | 715 | 2.34 | 1.7 | 2.7 | 2.4 | 5.8 | 448 | 0.2 | 0.2 | 0.1 | 50 | 1.15 | 0.168 |
| Soil | 0.7 | 28.3 | 4.0 | 64 | <0.1 | 61.4 | 15.1 | 749 | 3.31 | 2.2 | 2.3 | 2.0 | 8.0 | 43 | <0.1 | 0.2 | <0.1 | 93 | 0.72 | 0.149 |
| Soil | <0.1 | 6.8 | 13.5 | 20 | <0.1 | 6.1 | 1.9 | 31 | 0.73 | <0.5 | 3.5 | 1.3 | 15.2 | 85 | <0.1 | <0.1 | 0.3 | 11 | 0.54 | 0.022 |
| Soil | 0.7 | 14.6 | 12.3 | 49 | <0.1 | 16.7 | 7.6 | 325 | 2.35 | 5.6 | 1.7 | 0.5 | 3.0 | 70 | <0.1 | 0.3 | 0.1 | 53 | 0.41 | 0.080 |
| Soil | 0.3 | 22.8 | 5.7 | 65 | <0.1 | 41.1 | 10.1 | 389 | 2.49 | 2.2 | 1.9 | 1.7 | 6.8 | 77 | <0.1 | 0.2 | <0.1 | 43 | 0.68 | 0.139 |
| Soil | 0.5 | 18.3 | 16.1 | 52 | <0.1 | 51.1 | 12.4 | 638 | 2.33 | 3.0 | 2.9 | 1.1 | 10.5 | 46 | <0.1 | 0.2 | 0.2 | 62 | 0.42 | 0.036 |
| Soil | 0.4 | 21.5 | 17.7 | 58 | <0.1 | 23.0 | 7.2 | 426 | 2.31 | 5.3 | 1.9 | 0.9 | 5.4 | 287 | 0.1 | 0.2 | 0.2 | 59 | 0.72 | 0.118 |
| Soil | 0.8 | 17.0 | 11.8 | 37 | <0.1 | 17.1 | 5.8 | 333 | 2.01 | 5.1 | 1.7 | 2.4 | 9.0 | 42 | <0.1 | 0.3 | 0.1 | 48 | 0.40 | 0.023 |
| Soil | 0.1 | 9.0 | 21.8 | 39 | <0.1 | 8.5 | 3.3 | 266 | 1.02 | 0.6 | 4.8 | 1.5 | 14.7 | 83 | 0.2 | 0.2 | 0.2 | 15 | 0.80 | 0.049 |
| Soil | 0.8 | 31.1 | 12.0 | 91 | <0.1 | 74.6 | 18.6 | 843 | 4.01 | 3.1 | 2.5 | 1.4 | 7.6 | 53 | <0.1 | 0.3 | 0.4 | 90 | 0.52 | 0.064 |
| Soil | 0.8 | 20.7 | 12.1 | 51 | <0.1 | 20.7 | 12.3 | 328 | 3.23 | 6.2 | 1.3 | 2.8 | 4.2 | 92 | <0.1 | 0.4 | 0.1 | 74 | 0.43 | 0.055 |
| Soil | 1.2 | 21.0 | 7.7 | 65 | <0.1 | 45.7 | 11.1 | 450 | 3.67 | 4.7 | 2.3 | <0.5 | 7.2 | 40 | 0.1 | 0.3 | <0.1 | 96 | 0.69 | 0.144 |
| Soil | 0.5 | 26.5 | 9.7 | 51 | <0.1 | 14.8 | 7.8 | 388 | 2.84 | 6.6 | 1.3 | 2.4 | 2.9 | 29 | 0.1 | 0.4 | 0.1 | 57 | 0.36 | 0.066 |
| Soil | 0.4 | 39.5 | 10.4 | 106 | <0.1 | 59.8 | 19.0 | 508 | 5.44 | 2.6 | 1.2 | 1.4 | 11.3 | 26 | <0.1 | 0.3 | 0.2 | 68 | 0.26 | 0.069 |
| Soil | 1.2 | 13.1 | 33.1 | 90 | <0.1 | 8.3 | 6.4 | 1862 | 3.70 | 3.6 | 0.6 | 4.3 | 6.7 | 33 | 0.2 | 0.3 | <0.1 | 62 | 0.25 | 0.021 |
| Soil | 1.1 | 28.4 | 10.8 | 52 | <0.1 | 65.9 | 14.9 | 908 | 2.77 | 4.2 | 1.5 | 2.1 | 7.6 | 52 | 0.1 | 0.3 | 0.2 | 62 | 0.60 | 0.050 |
| Soil | 0.4 | 27.9 | 3.4 | 146 | <0.1 | 156.6 | 43.8 | 1050 | 6.93 | 142.8 | 0.4 | 2.7 | 1.0 | 23 | 0.2 | 0.7 | <0.1 | 154 | 0.50 | 0.103 |
| Soil | 2.4 | 31.2 | 16.3 | 104 | <0.1 | 122.7 | 22.5 | 693 | 5.72 | 7.9 | 1.1 | 0.7 | 7.2 | 41 | 0.1 | 0.4 | 0.2 | 127 | 0.26 | 0.077 |
| Soil | 1.8 | 15.7 | 9.3 | 68 | 0.1 | 20.0 | 9.6 | 730 | 3.36 | 6.7 | 0.7 | 1.5 | 1.6 | 24 | 0.2 | 0.4 | 0.2 | 92 | 0.26 | 0.069 |
| Soil | 0.7 | 16.8 | 11.6 | 41 | <0.1 | 17.1 | 6.9 | 241 | 2.84 | 6.6 | 0.9 | 1.5 | 3.6 | 42 | <0.1 | 0.3 | 0.2 | 65 | 0.35 | 0.017 |
| Soil | 0.5 | 50.8 | 9.3 | 63 | <0.1 | 125.5 | 18.7 | 531 | 3.36 | 6.8 | 0.8 | 3.4 | 3.4 | 115 | 0.2 | 0.6 | 0.1 | 90 | 1.28 | 0.112 |

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



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Project: APO
Report Date: October 19, 2010

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CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | | | | | | | | |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|-------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|
| | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | 1DX15 | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | Pb ppm | Bi ppm | V ppm | Ca % | P % | 1DX15 | | | | | | | | |
| APO 139844 | 1.6 | 15.2 | 14.7 | 77 | 0.1 | 26.6 | 9.1 | 448 | 3.48 | 6.4 | 0.9 | 5.6 | 2.7 | 27 | 0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 0.1 | 89 | 0.34 | 0.080 | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138598 | 0.4 | 55.1 | 10.3 | 56 | <0.1 | 218.4 | 26.9 | 619 | 3.92 | 4.2 | 1.3 | 1.7 | 3.9 | 122 | 0.1 | 0.3 | <0.1 | 0.3 | <0.1 | <0.1 | 80 | 1.26 | 0.194 | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138588 | 0.3 | 34.9 | 3.0 | 48 | <0.1 | 462.0 | 45.8 | 980 | 4.29 | 1.2 | 0.7 | 1.9 | 1.5 | 181 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 71 | 4.57 | 0.084 | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139813 | 1.2 | 17.5 | 6.9 | 86 | <0.1 | 30.6 | 16.3 | 662 | 3.93 | 29.2 | 1.3 | 2.3 | 5.0 | 20 | 0.1 | 5.9 | 0.3 | 0.3 | 0.3 | 51 | 0.08 | 0.022 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138045 | 3.4 | 28.6 | 13.5 | 57 | <0.1 | 50.3 | 12.0 | 388 | 3.09 | 12.3 | 1.0 | 2.1 | 2.1 | 50 | 0.1 | 0.3 | 0.4 | 0.4 | 0.4 | 84 | 0.45 | 0.047 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138600 | 0.8 | 54.0 | 12.4 | 63 | <0.1 | 177.5 | 23.2 | 628 | 3.78 | 6.0 | 1.1 | 3.2 | 3.9 | 122 | <0.1 | 0.4 | 0.1 | 0.4 | 0.1 | 89 | 1.12 | 0.131 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138587 | 0.4 | 37.2 | 6.0 | 61 | <0.1 | 594.6 | 52.9 | 897 | 4.99 | 2.9 | 0.9 | 2.4 | 1.8 | 196 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 74 | 3.23 | 0.102 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138576 | 0.9 | 21.1 | 8.8 | 48 | <0.1 | 29.4 | 9.2 | 875 | 2.68 | 3.3 | 1.7 | 1.5 | 5.4 | 104 | <0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 48 | 0.85 | 0.075 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138038 | 0.8 | 16.6 | 8.5 | 74 | <0.1 | 22.6 | 9.0 | 522 | 3.08 | 7.2 | 0.5 | 1.1 | 2.7 | 47 | 0.2 | 0.4 | 0.1 | 0.4 | 0.1 | 85 | 0.44 | 0.023 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139652 | 0.5 | 47.5 | 10.3 | 64 | <0.1 | 125.6 | 18.3 | 485 | 3.39 | 6.8 | 0.9 | 3.6 | 3.6 | 116 | 0.2 | 0.5 | 0.1 | 0.5 | 0.1 | 94 | 1.07 | 0.110 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138049 | 0.7 | 31.9 | 10.3 | 102 | <0.1 | 39.4 | 21.6 | 679 | 6.36 | 2.5 | 0.9 | 1.4 | 11.8 | 26 | <0.1 | 0.3 | 0.1 | 0.3 | 0.1 | 95 | 0.17 | 0.035 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139889 | 1.2 | 28.6 | 8.8 | 42 | <0.1 | 29.1 | 11.4 | 214 | 3.26 | 9.0 | 0.4 | 3.7 | 1.3 | 17 | <0.1 | 0.4 | 0.2 | 0.4 | 0.2 | 90 | 0.20 | 0.035 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139814 | 1.2 | 40.6 | 8.0 | 81 | <0.1 | 90.2 | 16.9 | 623 | 3.65 | 3.1 | 2.0 | 1.5 | 9.8 | 51 | 0.1 | 0.3 | <0.1 | 0.3 | <0.1 | 96 | 0.69 | 0.181 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138593 | 1.7 | 41.6 | 22.3 | 115 | <0.1 | 234.4 | 30.9 | 858 | 5.75 | 4.6 | 1.3 | 4.1 | 11.8 | 70 | 0.1 | 0.3 | 0.2 | 0.3 | 0.2 | 139 | 0.47 | 0.112 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138048 | 0.7 | 26.7 | 9.3 | 46 | <0.1 | 24.1 | 10.5 | 463 | 2.62 | 7.0 | 2.2 | 1.6 | 3.8 | 67 | <0.1 | 0.4 | 0.2 | 0.4 | 0.2 | 56 | 0.61 | 0.065 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138578 | 0.5 | 29.0 | 11.3 | 53 | <0.1 | 57.5 | 13.5 | 405 | 2.79 | 6.0 | 1.9 | 2.2 | 4.1 | 54 | 0.2 | 0.4 | 0.5 | 0.5 | 0.5 | 66 | 0.86 | 0.100 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139661 | 1.5 | 22.9 | 22.2 | 52 | <0.1 | 17.1 | 7.9 | 248 | 2.74 | 7.4 | 1.0 | 2.3 | 4.1 | 23 | 0.2 | 0.4 | 0.3 | 0.3 | 0.3 | 73 | 0.21 | 0.047 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139792 | 1.4 | 17.6 | 14.0 | 64 | <0.1 | 19.9 | 9.3 | 391 | 3.76 | 10.4 | 0.6 | 2.2 | 2.6 | 15 | 0.3 | 0.6 | 0.2 | 0.2 | 0.2 | 84 | 0.14 | 0.044 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138023 | 0.5 | 10.3 | 13.2 | 41 | <0.1 | 89.7 | 16.1 | 513 | 2.61 | 2.0 | 2.2 | 0.6 | 8.1 | 44 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 45 | 0.25 | 0.057 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139807 | 0.4 | 29.3 | 11.4 | 57 | <0.1 | 21.3 | 11.8 | 452 | 2.89 | 7.5 | 5.0 | 8.3 | 7.2 | 46 | 0.7 | 0.6 | 0.3 | 0.3 | 0.3 | 58 | 0.32 | 0.077 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139659 | 2.6 | 96.2 | 58.3 | 91 | 0.9 | 21.2 | 9.8 | 336 | 2.64 | 6.1 | 1.7 | 4.4 | 5.7 | 34 | 0.2 | 0.5 | 0.2 | 0.5 | 0.2 | 64 | 0.45 | 0.067 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139784 | 1.2 | 30.5 | 18.7 | 62 | 0.2 | 21.2 | 9.8 | 336 | 2.64 | 6.1 | 1.7 | 4.4 | 5.7 | 34 | 0.2 | 0.5 | 0.2 | 0.5 | 0.2 | 64 | 0.45 | 0.067 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139791 | 0.5 | 18.5 | 13.9 | 49 | <0.1 | 11.5 | 5.0 | 119 | 1.92 | 5.8 | 1.2 | 2.3 | 2.2 | 25 | 0.3 | 0.4 | 0.2 | 0.4 | 0.2 | 47 | 0.31 | 0.070 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139810 | 1.0 | 32.2 | 7.7 | 52 | <0.1 | 50.5 | 16.9 | 1064 | 2.94 | 4.7 | 2.3 | 2.7 | 3.6 | 129 | 0.2 | 0.3 | 0.2 | 0.3 | 0.2 | 63 | 0.90 | 0.097 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139678 | 1.3 | 32.9 | 14.7 | 63 | <0.1 | 42.8 | 12.5 | 530 | 3.43 | 5.5 | 4.7 | 1.7 | 8.3 | 62 | 0.1 | 0.4 | 0.2 | 0.4 | 0.2 | 80 | 0.75 | 0.087 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138583 | 0.7 | 15.6 | 10.5 | 47 | 0.1 | 16.3 | 7.6 | 159 | 2.55 | 12.1 | 1.1 | 3.0 | 3.5 | 21 | 0.1 | 1.1 | 0.2 | 1.1 | 0.2 | 52 | 0.30 | 0.050 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139804 | 1.3 | 24.7 | 9.8 | 58 | <0.1 | 25.4 | 10.3 | 411 | 2.60 | 8.6 | 2.2 | 2.3 | 7.2 | 67 | <0.1 | 0.4 | 0.2 | 0.4 | 0.2 | 64 | 0.58 | 0.071 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 138579 | 0.8 | 16.1 | 16.9 | 47 | <0.1 | 12.7 | 5.2 | 157 | 2.14 | 9.0 | 1.4 | 3.1 | 3.1 | 29 | 0.2 | 0.8 | 0.2 | 0.8 | 0.2 | 48 | 0.35 | 0.070 | | | | | | | | | | | | | | | | | | | | | | | | |
| APO 139609 | 2.1 | 33.2 | 14.1 | 51 | <0.1 | 79.2 | 14.9 | 816 | 3.03 | 4.7 | 1.7 | 3.1 | 5.9 | 93 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 52 | 0.78 | 0.106 | | | | | | | | | | | | | | | | | | | | | | | | |

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



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Project: APO
Report Date: October 19, 2010

Page: 10 of 12 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg ppm | 1DX15 Ba ppm | 1DX15 Ti ppm | 1DX15 B ppm | 1DX15 Al ppm | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| AP0 139944 | Soil | 9 | 57 | 0.70 | 157 | 0.120 | 2 | 2.15 | 0.019 | 0.07 | 0.2 | <0.01 | 2.7 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| AP0 138598 | Soil | 16 | 102 | 4.31 | 240 | 0.173 | 5 | 2.25 | 0.024 | 0.10 | 0.1 | <0.01 | 6.9 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| AP0 138568 | Soil | 5 | 183 | 10.02 | 143 | 0.010 | 10 | 0.80 | 0.018 | 0.11 | <0.1 | <0.01 | 14.0 | <0.1 | 0.05 | 2 | <0.5 | <0.2 |
| AP0 139813 | Soil | 10 | 23 | 0.25 | 139 | 0.024 | 4 | 0.88 | 0.005 | 0.10 | <0.1 | <0.01 | 3.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| AP0 138045 | Soil | 10 | 56 | 0.40 | 270 | 0.037 | 4 | 1.70 | 0.015 | 0.10 | <0.1 | 0.02 | 5.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| AP0 138600 | Soil | 15 | 105 | 3.27 | 302 | 0.176 | 5 | 2.34 | 0.098 | 0.12 | 0.2 | 0.03 | 7.4 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| AP0 138587 | Soil | 8 | 178 | 7.80 | 303 | 0.055 | 16 | 1.77 | 0.018 | 0.14 | <0.1 | <0.01 | 8.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 138576 | Soil | 19 | 45 | 0.45 | 236 | 0.007 | 3 | 1.64 | 0.022 | 0.08 | <0.1 | 0.01 | 6.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| AP0 138038 | Soil | 8 | 38 | 0.61 | 211 | 0.097 | 3 | 2.47 | 0.021 | 0.07 | <0.1 | 0.01 | 4.3 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| AP0 139652 | Soil | 13 | 89 | 2.39 | 229 | 0.156 | 6 | 2.04 | 0.046 | 0.11 | 0.2 | 0.03 | 6.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| AP0 138049 | Soil | 16 | 59 | 0.80 | 266 | 0.044 | 8 | 1.77 | 0.013 | 0.88 | <0.1 | <0.01 | 11.7 | 0.4 | <0.05 | 8 | 0.6 | <0.2 |
| AP0 139989 | Soil | 7 | 36 | 0.52 | 94 | 0.106 | 1 | 2.00 | 0.013 | 0.05 | <0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 9 | <0.5 | <0.2 |
| AP0 139814 | Soil | 13 | 41 | 0.40 | 198 | 0.033 | 5 | 1.11 | 0.007 | 0.18 | 0.1 | 0.01 | 5.3 | 0.2 | <0.05 | 4 | <0.5 | 0.2 |
| AP0 138593 | Soil | 31 | 127 | 1.30 | 112 | 0.174 | 1 | 1.39 | 0.020 | 0.15 | 0.3 | 0.01 | 7.9 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| AP0 138048 | Soil | 23 | 303 | 1.89 | 682 | 0.310 | 1 | 3.47 | 0.027 | 0.26 | 0.4 | 0.03 | 14.3 | 0.3 | <0.05 | 9 | <0.5 | <0.2 |
| AP0 138578 | Soil | 15 | 33 | 0.52 | 422 | 0.068 | 2 | 1.66 | 0.025 | 0.05 | <0.1 | 0.04 | 5.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 139661 | Soil | 19 | 68 | 1.19 | 189 | 0.062 | 3 | 1.78 | 0.021 | 0.07 | 0.1 | 0.04 | 5.9 | 0.2 | 0.06 | 5 | <0.5 | <0.2 |
| AP0 139792 | Soil | 12 | 32 | 0.52 | 125 | 0.097 | 3 | 2.21 | 0.012 | 0.04 | 0.2 | 0.03 | 3.7 | 0.1 | <0.05 | 9 | <0.5 | <0.2 |
| AP0 138023 | Soil | 9 | 35 | 0.42 | 140 | 0.073 | 1 | 2.35 | 0.014 | 0.04 | 0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| AP0 139807 | Soil | 12 | 22 | 0.30 | 161 | 0.015 | 1 | 1.61 | 0.012 | 0.05 | <0.1 | 0.05 | 2.8 | 0.1 | 0.07 | 5 | <0.5 | <0.2 |
| AP0 139659 | Soil | 22 | 91 | 1.65 | 153 | 0.066 | 2 | 1.72 | 0.020 | 0.10 | <0.1 | <0.01 | 5.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 139794 | Soil | 61 | 34 | 0.41 | 223 | 0.051 | 2 | 2.17 | 0.017 | 0.07 | 0.2 | 0.12 | 7.5 | 0.2 | <0.05 | 6 | 0.6 | <0.2 |
| AP0 139791 | Soil | 40 | 33 | 0.59 | 207 | 0.099 | 2 | 1.80 | 0.017 | 0.05 | 0.1 | 0.04 | 5.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 139810 | Soil | 11 | 26 | 0.27 | 294 | 0.024 | 3 | 1.58 | 0.014 | 0.08 | <0.1 | 0.05 | 3.9 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| AP0 139678 | Soil | 13 | 51 | 0.55 | 609 | 0.012 | 3 | 1.79 | 0.024 | 0.07 | <0.1 | 0.04 | 7.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 138583 | Soil | 23 | 64 | 1.15 | 261 | 0.090 | 3 | 2.39 | 0.030 | 0.12 | <0.1 | 0.03 | 9.4 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| AP0 139804 | Soil | 15 | 26 | 0.51 | 161 | 0.048 | 2 | 1.70 | 0.014 | 0.05 | <0.1 | 0.04 | 4.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 138579 | Soil | 19 | 38 | 0.61 | 275 | 0.075 | 2 | 1.94 | 0.024 | 0.07 | <0.1 | 0.03 | 5.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 139809 | Soil | 14 | 27 | 0.29 | 295 | 0.022 | 3 | 1.70 | 0.015 | 0.09 | <0.1 | 0.06 | 4.3 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| AP0 138564 | Soil | 20 | 78 | 0.69 | 349 | 0.023 | 5 | 1.71 | 0.025 | 0.14 | <0.1 | 0.02 | 5.8 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |

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Project: APO
Report Date: October 19, 2010

Page: 11 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|-------|
| APO 139853 | Soil | 0.6 | 51.4 | 9.3 | 64 | <0.1 | 95.3 | 18.0 | 586 | 3.16 | 8.1 | 1.3 | 4.7 | 3.9 | 102 | 0.2 | 0.6 | 0.2 | 78 | 1.58 | 0.101 |
| APO 139855 | Soil | 0.8 | 41.0 | 8.8 | 55 | <0.1 | 290.0 | 41.9 | 1316 | 4.56 | 7.1 | 0.8 | 1.7 | 2.8 | 156 | 0.2 | 0.2 | 0.1 | 69 | 2.28 | 0.124 |
| APO 139806 | Soil | 1.0 | 10.4 | 8.1 | 32 | 0.1 | 9.8 | 4.1 | 90 | 3.11 | 9.7 | 0.7 | 2.0 | 0.7 | 23 | <0.1 | 0.4 | 0.2 | 44 | 0.29 | 0.079 |
| APO 138581 | Soil | 1.0 | 36.6 | 9.6 | 63 | <0.1 | 41.5 | 13.8 | 746 | 3.03 | 8.2 | 3.4 | 2.3 | 5.6 | 58 | 0.3 | 0.6 | 0.2 | 68 | 0.75 | 0.092 |
| APO 138586 | Soil | 0.4 | 53.6 | 6.9 | 52 | <0.1 | 204.3 | 32.3 | 823 | 4.02 | 5.3 | 1.2 | 2.7 | 2.3 | 155 | 0.2 | 0.3 | 0.1 | 73 | 2.24 | 0.148 |
| APO 139811 | Soil | 1.2 | 20.5 | 6.5 | 103 | <0.1 | 25.7 | 9.3 | 259 | 3.40 | 25.1 | 1.0 | 1.3 | 2.6 | 42 | 0.2 | 1.7 | 0.2 | 67 | 0.10 | 0.027 |
| APO 138577 | Soil | 1.0 | 35.9 | 9.8 | 54 | <0.1 | 33.3 | 11.9 | 693 | 2.84 | 6.9 | 1.1 | 2.5 | 4.8 | 79 | 0.3 | 0.4 | 0.2 | 59 | 1.03 | 0.068 |
| APO 143969 | Soil | 0.7 | 34.0 | 8.3 | 63 | <0.1 | 45.8 | 17.0 | 561 | 3.93 | 5.2 | 1.3 | 1.7 | 5.9 | 39 | <0.1 | 0.2 | 0.1 | 66 | 0.69 | 0.047 |
| APO 139460 | Soil | 1.2 | 55.5 | 23.1 | 51 | 0.5 | 29.3 | 8.8 | 364 | 3.08 | 11.8 | 2.9 | 2.4 | 2.2 | 38 | 0.3 | 0.5 | 0.3 | 60 | 0.45 | 0.107 |
| APO 143973 | Soil | 1.0 | 35.2 | 9.5 | 76 | 0.1 | 38.1 | 15.7 | 316 | 4.14 | 6.7 | 3.4 | 2.3 | 10.9 | 24 | <0.1 | 0.3 | 0.1 | 58 | 0.31 | 0.060 |
| APO 143974 | Soil | 0.7 | 19.0 | 8.5 | 67 | <0.1 | 36.1 | 15.6 | 438 | 3.57 | 6.1 | 0.9 | 1.5 | 4.9 | 21 | <0.1 | 0.3 | 0.1 | 67 | 0.30 | 0.059 |
| APO 139144 | Soil | 0.9 | 15.4 | 8.2 | 54 | <0.1 | 20.6 | 9.1 | 322 | 3.12 | 7.2 | 0.4 | 2.5 | 3.0 | 25 | 0.1 | 0.4 | 0.2 | 68 | 0.19 | 0.021 |
| APO 145312 | Soil | 0.7 | 16.6 | 14.0 | 54 | <0.1 | 28.5 | 8.5 | 277 | 2.53 | 5.3 | 1.2 | 1.7 | 3.5 | 41 | <0.1 | 0.3 | 0.2 | 64 | 0.33 | 0.037 |
| APO 139543 | Soil | 0.7 | 9.1 | 12.1 | 32 | <0.1 | 11.5 | 4.5 | 369 | 1.54 | 2.4 | 1.7 | <0.5 | 4.6 | 106 | <0.1 | 0.1 | 0.2 | 26 | 0.60 | 0.034 |
| APO 138133 | Soil | 0.7 | 27.4 | 12.0 | 64 | <0.1 | 28.5 | 11.2 | 352 | 3.43 | 6.2 | 1.3 | 1.2 | 6.1 | 39 | 0.1 | 0.3 | 0.2 | 59 | 0.47 | 0.072 |
| APO 138126 | Soil | 1.1 | 31.5 | 8.8 | 71 | 0.1 | 34.4 | 12.8 | 284 | 3.18 | 9.0 | 1.0 | 1.7 | 4.2 | 24 | 0.2 | 0.4 | 0.2 | 67 | 0.19 | 0.037 |
| APO 138128 | Soil | 1.1 | 33.2 | 9.8 | 51 | 0.3 | 27.0 | 12.0 | 338 | 3.16 | 11.0 | 1.0 | 2.1 | 4.3 | 24 | 0.2 | 0.6 | 0.2 | 76 | 0.20 | 0.042 |
| APO 138127 | Soil | 1.2 | 37.4 | 10.4 | 55 | 0.3 | 32.7 | 12.8 | 331 | 3.38 | 10.4 | 0.7 | 5.3 | 3.4 | 20 | 0.3 | 0.5 | 0.2 | 84 | 0.20 | 0.036 |
| APO 145314 | Soil | 0.4 | 42.2 | 10.0 | 79 | <0.1 | 152.4 | 24.8 | 668 | 3.87 | 3.9 | 2.0 | 1.1 | 6.9 | 51 | 0.1 | 0.2 | 0.2 | 92 | 0.80 | 0.136 |
| APO 139687 | Soil | 2.0 | 24.8 | 10.0 | 58 | <0.1 | 28.3 | 10.7 | 232 | 3.33 | 8.2 | 0.7 | 2.5 | 3.3 | 19 | <0.1 | 0.8 | 0.2 | 82 | 0.20 | 0.032 |
| APO 139669 | Soil | 1.6 | 20.3 | 10.0 | 55 | <0.1 | 26.8 | 11.8 | 319 | 3.00 | 8.0 | 1.2 | 1.2 | 8.8 | 44 | <0.1 | 0.4 | 0.1 | 68 | 0.28 | 0.042 |
| APO 139690 | Soil | 2.6 | 35.3 | 8.8 | 85 | 0.1 | 42.2 | 15.7 | 439 | 3.41 | 5.9 | 1.0 | 2.4 | 4.1 | 27 | 0.1 | 0.4 | 0.2 | 81 | 0.36 | 0.063 |
| APO 139684 | Soil | 1.8 | 72.0 | 9.6 | 110 | <0.1 | 59.5 | 15.1 | 502 | 3.65 | 3.5 | 1.7 | 1.2 | 5.3 | 32 | 0.3 | 3.3 | 0.4 | 73 | 0.33 | 0.065 |
| APO 139146 | Soil | 0.7 | 8.8 | 5.4 | 46 | <0.1 | 7.8 | 2.9 | 227 | 1.86 | 2.2 | 0.8 | <0.5 | 5.2 | 30 | <0.1 | 0.1 | <0.1 | 22 | 0.33 | 0.011 |
| APO 145327 | Soil | 0.5 | 33.1 | 6.2 | 65 | <0.1 | 130.1 | 18.8 | 240 | 3.51 | 2.2 | 1.7 | 1.3 | 7.8 | 54 | <0.1 | <0.1 | <0.1 | 86 | 0.73 | 0.115 |
| APO 139685 | Soil | 2.6 | 51.1 | 9.7 | 80 | <0.1 | 42.2 | 14.7 | 562 | 3.45 | 9.4 | 1.2 | 1.2 | 4.4 | 25 | 0.2 | 0.7 | 0.2 | 81 | 0.27 | 0.067 |
| APO 139667 | Soil | 0.2 | 37.3 | 6.5 | 78 | <0.1 | 66.3 | 15.1 | 301 | 2.76 | 1.1 | 1.5 | 3.0 | 5.1 | 48 | <0.1 | <0.1 | <0.1 | 52 | 0.69 | 0.098 |
| APO 139666 | Soil | 0.3 | 21.5 | 20.1 | 71 | <0.1 | 59.7 | 13.7 | 768 | 2.82 | 1.2 | 4.2 | 2.7 | 13.7 | 70 | 0.2 | 0.1 | 0.5 | 55 | 1.00 | 0.106 |
| APO 145302 | Soil | 0.9 | 8.6 | 8.6 | 45 | <0.1 | 9.1 | 8.2 | 666 | 2.20 | 6.8 | 0.6 | 1.6 | 3.2 | 37 | <0.1 | 0.1 | 0.1 | 42 | 0.32 | 0.022 |
| APO 139145 | Soil | 0.8 | 13.3 | 6.3 | 89 | <0.1 | 15.7 | 7.2 | 824 | 3.05 | 4.8 | 0.7 | 2.5 | 3.2 | 28 | 0.2 | 0.2 | <0.1 | 54 | 0.30 | 0.043 |

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CERTIFICATE OF ANALYSIS

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|
| APO 139664 Soil | 1.0 | 19.1 | 10.6 | 43 | <0.1 | 30.9 | 10.8 | 222 | 3.07 | 7.5 | 0.8 | 1.7 | 4.6 | 31 | <0.1 | 0.4 | 0.1 | 71 | 0.22 | 0.021 |
| APO 139688 Soil | 1.3 | 24.9 | 7.6 | 56 | <0.1 | 32.5 | 11.9 | 318 | 3.14 | 5.0 | 0.8 | 5.0 | 2.4 | 21 | 0.2 | 0.5 | 0.1 | 82 | 0.23 | 0.045 |
| APO 139562 Soil | 0.5 | 22.5 | 13.9 | 61 | <0.1 | 61.0 | 14.8 | 645 | 3.06 | 3.4 | 1.9 | 1.2 | 5.0 | 76 | 0.1 | 0.2 | 0.2 | 78 | 1.68 | 0.103 |
| APO 138118 Soil | 1.9 | 37.2 | 12.6 | 55 | 0.3 | 26.5 | 10.9 | 260 | 3.01 | 32.3 | 0.7 | 5.2 | 2.7 | 25 | 0.2 | 1.4 | 0.2 | 79 | 0.25 | 0.044 |
| APO 139686 Soil | 2.0 | 20.9 | 9.7 | 59 | <0.1 | 28.0 | 11.2 | 312 | 3.62 | 9.0 | 0.5 | 1.0 | 2.3 | 17 | 0.2 | 0.7 | 0.2 | 94 | 0.20 | 0.045 |
| APO 138114 Soil | 1.0 | 36.0 | 14.7 | 61 | 0.1 | 34.8 | 13.6 | 450 | 3.15 | 11.9 | 0.9 | 7.1 | 4.0 | 20 | 0.1 | 0.6 | 0.3 | 73 | 0.24 | 0.032 |
| APO 138113 Soil | 1.7 | 23.2 | 31.6 | 65 | <0.1 | 20.9 | 8.7 | 291 | 3.55 | 40.4 | 0.8 | 2.0 | 3.2 | 28 | 0.4 | 2.0 | 0.7 | 74 | 0.14 | 0.047 |
| APO 138116 Soil | 1.3 | 39.5 | 11.7 | 55 | 0.3 | 28.7 | 11.7 | 403 | 3.48 | 13.6 | 1.1 | 2.8 | 4.7 | 25 | 0.1 | 0.6 | 0.5 | 79 | 0.24 | 0.044 |
| APO 138119 Soil | 5.2 | 69.5 | 24.4 | 82 | 0.1 | 25.9 | 4.8 | 120 | 4.50 | 41.3 | 2.6 | 2.9 | 5.2 | 19 | 0.4 | 3.6 | 0.7 | 115 | 0.05 | 0.069 |
| APO 138117 Soil | 1.5 | 23.3 | 11.8 | 48 | 0.3 | 24.5 | 10.1 | 252 | 3.03 | 23.2 | 0.7 | 3.9 | 2.6 | 20 | 0.2 | 0.8 | 0.3 | 74 | 0.19 | 0.042 |
| APO 138121 Soil | 2.8 | 25.7 | 10.3 | 42 | 0.2 | 17.9 | 6.9 | 156 | 2.98 | 44.2 | 0.6 | 1.3 | 1.7 | 13 | 0.2 | 0.8 | 0.2 | 56 | 0.10 | 0.036 |
| APO 138122 Soil | 1.6 | 32.5 | 9.9 | 50 | 0.3 | 26.7 | 12.4 | 553 | 3.29 | 9.7 | 1.2 | 3.6 | 3.0 | 20 | 0.2 | 0.6 | 0.2 | 76 | 0.18 | 0.051 |
| APO 139574 Soil | 1.8 | 23.4 | 8.7 | 32 | <0.1 | 90.4 | 16.7 | 346 | 4.63 | 10.2 | 1.1 | <0.5 | 3.5 | 34 | <0.1 | 0.3 | 0.1 | 99 | 0.31 | 0.042 |
| APO 145325 Soil | 0.4 | 28.5 | 8.6 | 64 | <0.1 | 56.8 | 13.8 | 367 | 2.86 | 3.2 | 2.0 | 0.6 | 7.2 | 80 | 0.1 | 0.1 | 0.4 | 75 | 2.24 | 0.107 |
| APO 139691 Soil | 1.6 | 27.6 | 5.7 | 84 | <0.1 | 27.2 | 14.3 | 377 | 3.50 | 4.3 | 0.8 | 3.4 | 3.7 | 26 | <0.1 | 0.2 | 0.1 | 87 | 0.44 | 0.090 |
| APO 139578 Soil | 0.3 | 35.6 | 10.5 | 59 | <0.1 | 144.7 | 20.8 | 545 | 2.80 | 3.8 | 1.7 | 2.0 | 6.9 | 72 | <0.1 | 0.1 | 0.1 | 54 | 0.84 | 0.185 |
| APO 139519 Soil | 0.7 | 9.6 | 7.8 | 55 | 0.1 | 8.6 | 4.6 | 270 | 2.11 | 3.1 | 0.6 | 2.0 | 4.1 | 26 | <0.1 | 0.2 | <0.1 | 27 | 0.15 | 0.009 |
| APO 139689 Soil | 3.7 | 55.4 | 10.2 | 135 | <0.1 | 50.8 | 16.4 | 438 | 4.39 | 7.0 | 1.4 | 2.0 | 6.2 | 21 | 0.3 | 0.7 | 0.2 | 113 | 0.29 | 0.077 |
| APO 145316 Soil | 0.5 | 27.7 | 10.4 | 48 | <0.1 | 26.2 | 8.1 | 419 | 2.39 | 7.7 | 1.6 | 1.5 | 6.2 | 44 | <0.1 | 0.3 | 0.1 | 58 | 0.64 | 0.037 |
| APO 138120 Soil | 1.1 | 41.6 | 9.6 | 63 | 0.1 | 26.3 | 9.3 | 231 | 3.01 | 10.1 | 0.9 | 3.7 | 4.2 | 24 | 0.1 | 0.5 | 0.2 | 65 | 0.25 | 0.042 |

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 Report Date: October 19, 2010

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

WHI10000487.1

| Method Analyte Unit MDL | 1DX15 Mo ppm | 1DX15 Cu ppm | 1DX15 Pb ppm | 1DX15 Zn ppm | 1DX15 Ag ppm | 1DX15 Ni ppm | 1DX15 Co ppm | 1DX15 Mn ppm | 1DX15 Fe % | 1DX15 As ppm | 1DX15 U ppm | 1DX15 Au ppb | 1DX15 Th ppm | 1DX15 Sr ppm | 1DX15 Cd ppm | 1DX15 Sb ppm | 1DX15 Bi ppm | 1DX15 V ppm | 1DX15 Ca % | 1DX15 P % | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|-----------|--|
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| APO 145323 | Soil | 1.1 | 16.6 | 9.5 | 42 | <0.1 | 22.4 | 6.4 | 154 | 2.15 | 5.3 | 1.5 | 0.9 | 8.2 | <0.1 | 0.2 | 0.3 | 43 | 0.28 | 0.021 | |
| REP APO 145323 | QC | 1.0 | 16.4 | 9.5 | 42 | <0.1 | 22.9 | 6.8 | 154 | 2.11 | 5.2 | 1.6 | 1.4 | 8.2 | <0.1 | 0.3 | 0.3 | 42 | 0.27 | 0.021 | |
| APO 139140 | Soil | 1.5 | 18.8 | 10.7 | 56 | 0.1 | 23.7 | 10.9 | 432 | 3.31 | 8.8 | 0.5 | 1.8 | 3.3 | 0.1 | 0.7 | 0.2 | 82 | 0.20 | 0.022 | |
| REP APO 139140 | QC | 1.4 | 19.0 | 11.1 | 58 | <0.1 | 23.4 | 11.0 | 441 | 3.36 | 9.1 | 0.6 | 1.3 | 3.3 | 0.1 | 0.6 | 0.2 | 83 | 0.21 | 0.022 | |
| APO 139125 | Soil | 0.7 | 14.3 | 5.9 | 66 | <0.1 | 11.9 | 5.8 | 547 | 2.70 | 16.3 | 1.1 | 1.0 | 4.6 | <0.1 | 0.2 | <0.1 | 45 | 0.31 | 0.017 | |
| REP APO 139125 | QC | 0.9 | 14.7 | 5.9 | 68 | <0.1 | 10.9 | 5.4 | 528 | 2.77 | 15.7 | 1.1 | 0.6 | 4.5 | <0.1 | 0.2 | <0.1 | 43 | 0.27 | 0.017 | |
| APO 138042 | Soil | 1.1 | 25.3 | 11.4 | 75 | <0.1 | 29.3 | 13.0 | 639 | 3.85 | 9.1 | 1.3 | 2.4 | 5.4 | 0.1 | 0.5 | 0.1 | 82 | 0.34 | 0.017 | |
| REP APO 138042 | QC | 1.1 | 27.7 | 11.5 | 78 | <0.1 | 30.5 | 13.9 | 664 | 3.81 | 9.0 | 1.4 | 1.6 | 5.1 | 0.2 | 0.5 | 0.2 | 90 | 0.36 | 0.015 | |
| APO 139529 | Soil | 1.1 | 13.3 | 8.4 | 55 | <0.1 | 14.8 | 6.6 | 486 | 2.55 | 5.4 | 0.4 | 0.9 | 2.4 | 0.2 | 0.3 | 0.1 | 59 | 0.18 | 0.021 | |
| REP APO 139529 | QC | 1.0 | 13.7 | 7.9 | 55 | <0.1 | 15.0 | 6.5 | 495 | 2.52 | 5.1 | 0.4 | 0.7 | 2.5 | 0.2 | 0.4 | 0.1 | 60 | 0.17 | 0.019 | |
| APO 138025 | Soil | 1.1 | 20.3 | 11.7 | 85 | <0.1 | 24.0 | 11.0 | 719 | 3.32 | 7.7 | 0.6 | 0.8 | 2.2 | 0.2 | 0.6 | 0.2 | 73 | 0.31 | 0.038 | |
| REP APO 138025 | QC | 1.2 | 19.9 | 11.7 | 86 | <0.1 | 23.4 | 10.6 | 688 | 3.23 | 7.6 | 0.6 | 0.9 | 2.3 | 0.2 | 0.6 | 0.2 | 69 | 0.29 | 0.039 | |
| APO 139942 | Soil | 1.0 | 23.3 | 24.0 | 60 | 0.2 | 46.9 | 19.6 | 522 | 4.19 | 16.7 | 3.3 | <0.5 | 10.0 | 0.1 | 0.5 | 0.1 | 115 | 0.61 | 0.134 | |
| REP APO 139942 | QC | 1.0 | 22.2 | 22.8 | 57 | 0.2 | 47.0 | 19.6 | 513 | 4.23 | 16.6 | 3.1 | <0.5 | 9.7 | 0.1 | 0.5 | <0.1 | 107 | 0.61 | 0.121 | |
| APO 139476 | Soil | 1.0 | 33.5 | 14.2 | 80 | <0.1 | 40.0 | 13.7 | 271 | 4.09 | 4.6 | 1.5 | 0.9 | 10.5 | <0.1 | 0.2 | 0.3 | 53 | 0.23 | 0.046 | |
| REP APO 139476 | QC | 1.1 | 33.6 | 14.3 | 81 | <0.1 | 37.8 | 13.8 | 272 | 4.16 | 4.4 | 1.5 | 3.2 | 10.4 | <0.1 | 0.2 | 0.3 | 54 | 0.23 | 0.047 | |
| APO 139474 | Soil | 1.5 | 37.1 | 8.5 | 75 | <0.1 | 43.1 | 14.1 | 370 | 3.99 | 42.1 | 1.4 | 2.2 | 13.9 | <0.1 | 0.5 | 0.1 | 44 | 0.34 | 0.045 | |
| REP APO 139474 | QC | 1.4 | 39.3 | 8.6 | 75 | <0.1 | 45.6 | 14.7 | 388 | 4.14 | 43.8 | 1.4 | 1.6 | 13.9 | <0.1 | 0.5 | 0.1 | 46 | 0.33 | 0.048 | |
| APO 138125 | Soil | 0.8 | 35.3 | 7.0 | 72 | 0.1 | 30.0 | 11.7 | 231 | 2.98 | 6.8 | 0.7 | 2.3 | 3.4 | 0.1 | 0.3 | 0.1 | 69 | 0.23 | 0.027 | |
| REP APO 138125 | QC | 0.9 | 34.4 | 7.2 | 73 | 0.1 | 30.6 | 12.1 | 229 | 3.02 | 6.8 | 0.7 | 2.4 | 3.5 | 0.1 | 0.3 | 0.1 | 72 | 0.23 | 0.027 | |
| APO 138592 | Soil | 0.3 | 25.4 | 21.8 | 61 | <0.1 | 37.8 | 8.3 | 469 | 2.54 | 2.0 | 2.1 | 0.8 | 14.7 | 0.3 | 0.2 | 0.3 | 48 | 0.57 | 0.068 | |
| REP APO 138592 | QC | 0.3 | 25.6 | 20.6 | 60 | <0.1 | 35.7 | 8.0 | 439 | 2.49 | 1.9 | 2.1 | <0.5 | 14.0 | 0.2 | 0.2 | 0.3 | 47 | 0.58 | 0.063 | |
| APO 145106 | Soil | 0.5 | 19.2 | 13.8 | 38 | <0.1 | 26.0 | 7.9 | 469 | 1.97 | 3.9 | 2.4 | 0.9 | 8.4 | <0.1 | 0.4 | 0.2 | 43 | 0.62 | 0.040 | |
| REP APO 145106 | QC | 0.5 | 19.8 | 13.5 | 39 | <0.1 | 25.0 | 7.8 | 466 | 1.95 | 3.6 | 2.4 | 2.1 | 8.1 | <0.1 | 0.3 | 0.2 | 45 | 0.62 | 0.040 | |
| APO 139924 | Soil | 0.8 | 20.7 | 12.1 | 51 | <0.1 | 20.7 | 12.3 | 328 | 3.23 | 6.2 | 1.3 | 2.8 | 4.2 | <0.1 | 0.4 | 0.1 | 74 | 0.43 | 0.055 | |
| REP APO 139924 | QC | 0.8 | 20.8 | 11.9 | 52 | <0.1 | 22.1 | 12.2 | 327 | 3.27 | 6.3 | 1.3 | 2.5 | 4.1 | <0.1 | 0.3 | 0.2 | 72 | 0.44 | 0.059 | |
| APO 138576 | Soil | 0.9 | 21.1 | 8.8 | 48 | <0.1 | 29.4 | 9.2 | 875 | 2.68 | 3.3 | 1.7 | 1.5 | 5.4 | <0.1 | 0.2 | 0.1 | 48 | 0.85 | 0.075 | |
| REP APO 138576 | QC | 0.8 | 20.9 | 9.5 | 52 | <0.1 | 30.1 | 10.1 | 903 | 2.77 | 3.0 | 1.8 | 4.2 | 5.8 | <0.1 | 0.2 | 0.2 | 51 | 0.88 | 0.076 | |

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Report Date: October 19, 2010

Page: 1 of 3 **Part** 2

QUALITY CONTROL REPORT

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| Method Analyte Unit MDL | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Te ppm | |
|-------------------------|--------|--------|------|--------|------|-------|------|------|-------|-------|--------|--------|--------|------|--------|--------|--------|------|
| Pulp Duplicates | | | | | | | | | | | | | | | | | | |
| APO 145323 | Soil | 19 | 45 | 0.39 | 115 | 0.031 | <1 | 1.93 | 0.012 | 0.07 | 0.5 | 0.01 | 4.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP APO 145323 | QC | 19 | 45 | 0.39 | 113 | 0.030 | <1 | 1.88 | 0.011 | 0.08 | 0.5 | <0.01 | 4.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139140 | Soil | 9 | 42 | 0.53 | 192 | 0.087 | <1 | 2.81 | 0.015 | 0.04 | <0.1 | 0.02 | 3.7 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| REP APO 139140 | QC | 10 | 42 | 0.55 | 194 | 0.097 | 1 | 3.00 | 0.014 | 0.04 | <0.1 | 0.02 | 4.0 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139125 | Soil | 9 | 25 | 0.27 | 123 | 0.018 | <1 | 1.63 | 0.019 | 0.05 | <0.1 | 0.03 | 6.8 | <0.1 | 0.07 | 4 | 0.5 | <0.2 |
| REP APO 139125 | QC | 9 | 24 | 0.25 | 117 | 0.017 | <1 | 1.35 | 0.019 | 0.04 | <0.1 | 0.02 | 6.0 | <0.1 | <0.05 | 3 | 0.6 | <0.2 |
| APO 138042 | Soil | 16 | 50 | 0.58 | 311 | 0.108 | <1 | 2.20 | 0.021 | 0.08 | <0.1 | 0.02 | 10.5 | <0.1 | <0.05 | 7 | 0.8 | <0.2 |
| REP APO 138042 | QC | 17 | 53 | 0.63 | 315 | 0.110 | <1 | 2.49 | 0.024 | 0.08 | <0.1 | 0.02 | 11.1 | <0.1 | <0.05 | 7 | 0.8 | <0.2 |
| APO 139529 | Soil | 7 | 27 | 0.33 | 118 | 0.056 | 1 | 2.57 | 0.014 | 0.04 | 0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| REP APO 139529 | QC | 7 | 28 | 0.33 | 116 | 0.056 | <1 | 2.53 | 0.015 | 0.03 | <0.1 | 0.02 | 2.5 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138025 | Soil | 9 | 35 | 0.53 | 137 | 0.068 | 2 | 2.47 | 0.016 | 0.05 | <0.1 | 0.03 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| REP APO 138025 | QC | 8 | 33 | 0.52 | 127 | 0.064 | 1 | 2.52 | 0.022 | 0.05 | 0.1 | 0.03 | 3.1 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139942 | Soil | 26 | 86 | 1.19 | 112 | 0.094 | 1 | 1.92 | 0.021 | 0.06 | <0.1 | 0.03 | 8.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| REP APO 139942 | QC | 26 | 83 | 1.13 | 109 | 0.092 | 1 | 1.89 | 0.020 | 0.06 | <0.1 | 0.02 | 8.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139476 | Soil | 25 | 40 | 0.73 | 104 | 0.082 | 2 | 2.24 | 0.009 | 0.26 | <0.1 | 0.03 | 4.0 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| REP APO 139476 | QC | 25 | 42 | 0.74 | 105 | 0.089 | 2 | 2.24 | 0.009 | 0.27 | <0.1 | 0.02 | 4.3 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139474 | Soil | 53 | 39 | 0.74 | 207 | 0.078 | 1 | 2.07 | 0.016 | 0.43 | <0.1 | 0.02 | 5.9 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| REP APO 139474 | QC | 52 | 41 | 0.75 | 208 | 0.082 | 1 | 2.08 | 0.014 | 0.44 | <0.1 | 0.02 | 5.8 | 0.3 | <0.05 | 6 | 0.5 | <0.2 |
| APO 138125 | Soil | 12 | 38 | 0.63 | 160 | 0.097 | 3 | 2.51 | 0.013 | 0.07 | 0.1 | 0.03 | 4.6 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP APO 138125 | QC | 12 | 38 | 0.63 | 164 | 0.106 | 2 | 2.52 | 0.018 | 0.07 | <0.1 | 0.03 | 4.9 | 0.1 | <0.05 | 6 | <0.5 | 0.3 |
| APO 138592 | Soil | 32 | 56 | 0.90 | 126 | 0.077 | 1 | 2.05 | 0.010 | 0.22 | <0.1 | 0.02 | 8.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| REP APO 138592 | QC | 30 | 57 | 0.88 | 117 | 0.075 | 2 | 2.13 | 0.107 | 0.21 | <0.1 | 0.02 | 8.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145106 | Soil | 21 | 41 | 0.56 | 150 | 0.058 | <1 | 1.81 | 0.030 | 0.06 | <0.1 | 0.02 | 4.6 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP APO 145106 | QC | 21 | 42 | 0.54 | 144 | 0.060 | 2 | 1.77 | 0.030 | 0.06 | <0.1 | 0.03 | 4.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139924 | Soil | 14 | 40 | 0.89 | 268 | 0.099 | 2 | 2.66 | 0.021 | 0.06 | 0.2 | 0.01 | 4.7 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| REP APO 139924 | QC | 14 | 42 | 0.89 | 261 | 0.093 | 2 | 2.79 | 0.021 | 0.06 | 0.1 | 0.02 | 4.6 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138576 | Soil | 19 | 45 | 0.45 | 236 | 0.007 | 3 | 1.64 | 0.022 | 0.08 | <0.1 | 0.01 | 6.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP APO 138576 | QC | 18 | 47 | 0.48 | 238 | 0.012 | 5 | 1.79 | 0.024 | 0.09 | <0.1 | <0.01 | 6.8 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |

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



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Submitted By: Email Distribution List
Receiving Lab: Canada-Whitehorse
Received: September 18, 2010
Report Date: October 19, 2010
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI10000488.1

CLIENT JOB INFORMATION

Project: APO
Shipment ID: APO1
P.O. Number: 167
Number of Samples: 167

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

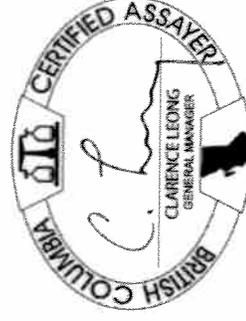
Invoice To: **Kaminak Gold Corporation**
1440 - 625 Howe Street
Vancouver BC V6C 2T6
Canada

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

| Method Code | Number of Samples | Code Description | Test Wgt (g) | Report Status | Lab |
|-------------|-------------------|--------------------------------------------|--------------|---------------|-----|
| SS80 | 167 | Dry at 60C sieve 100g to -80 mesh | | | WHI |
| DX2 | 167 | Dry at 60C | | | WHI |
| | 167 | 1:1:1 Aqua Regia digestion ICP-MS analysis | 15 | Completed | VAN |

ADDITIONAL COMMENTS



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



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Project: APO
Report Date: October 19, 2010

Page: 2 of 7 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 139878 | Soil | 26 | 190 | 0.86 | 1583 | 0.037 | 3 | 1.63 | 0.014 | 0.15 | 0.3 | 0.02 | 18.0 | 0.3 | <0.05 | 5 | 0.6 | <0.2 |
| APO 145080 | Soil | 17 | 70 | 0.97 | 168 | 0.119 | 2 | 1.84 | 0.023 | 0.09 | 0.2 | 0.01 | 4.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 145078 | Soil | 14 | 64 | 0.90 | 145 | 0.105 | 1 | 1.73 | 0.020 | 0.05 | 0.2 | <0.01 | 6.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139875 | Soil | 26 | 53 | 0.57 | 274 | 0.085 | 1 | 2.20 | 0.018 | 0.06 | 0.1 | 0.03 | 8.0 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 143981 | Soil | 12 | 37 | 1.17 | 163 | 0.151 | 2 | 2.71 | 0.018 | 0.34 | <0.1 | 0.01 | 3.4 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145088 | Soil | 7 | 24 | 0.37 | 123 | 0.060 | 2 | 1.57 | 0.021 | 0.07 | 0.3 | 0.02 | 1.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139874 | Soil | 16 | 33 | 0.59 | 202 | 0.068 | 1 | 2.24 | 0.014 | 0.11 | 0.7 | 0.02 | 6.9 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138560 | Soil | 33 | 43 | 0.72 | 158 | 0.020 | 1 | 2.04 | 0.014 | 0.15 | 0.1 | 0.02 | 7.2 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| APO 145078 | Soil | 23 | 70 | 1.75 | 434 | 0.085 | 2 | 2.13 | 0.036 | 0.31 | <0.1 | 0.03 | 7.7 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145087 | Soil | 12 | 38 | 0.84 | 917 | 0.098 | 1 | 2.50 | 0.028 | 0.14 | <0.1 | 0.01 | 4.0 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139819 | Soil | 12 | 40 | 0.46 | 182 | 0.089 | 1 | 1.92 | 0.015 | 0.04 | 0.3 | 0.01 | 3.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139870 | Soil | 33 | 39 | 0.63 | 172 | 0.070 | 1 | 2.25 | 0.022 | 0.05 | 0.1 | 0.02 | 5.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 143993 | Soil | 97 | 42 | 0.61 | 174 | 0.099 | 1 | 1.99 | 0.014 | 0.11 | <0.1 | 0.02 | 5.0 | 0.2 | <0.05 | 8 | 0.6 | <0.2 |
| APO 145099 | Soil | 20 | 146 | 3.48 | 301 | 0.106 | 4 | 2.45 | 0.049 | 0.36 | <0.1 | <0.01 | 6.6 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145098 | Soil | 14 | 38 | 0.87 | 294 | 0.082 | <1 | 1.68 | 0.030 | 0.10 | <0.1 | 0.01 | 3.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139931 | Soil | 10 | 29 | 0.49 | 479 | 0.083 | 1 | 2.48 | 0.015 | 0.05 | 0.1 | 0.02 | 2.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145311 | Soil | 27 | 35 | 0.63 | 163 | 0.033 | <1 | 1.71 | 0.116 | 0.14 | <0.1 | 0.01 | 4.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 145310 | Soil | 13 | 45 | 0.76 | 210 | 0.085 | 2 | 1.96 | 0.017 | 0.10 | 0.1 | 0.02 | 3.8 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138115 | Soil | 30 | 33 | 0.84 | 128 | 0.014 | <1 | 1.49 | 0.008 | 0.09 | <0.1 | 0.01 | 3.7 | <0.1 | 0.05 | 6 | 1.0 | <0.2 |
| APO 145090 | Soil | 17 | 33 | 0.67 | 197 | 0.078 | 1 | 1.86 | 0.017 | 0.09 | 0.1 | 0.01 | 4.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 145317 | Soil | 12 | 43 | 0.48 | 195 | 0.094 | 1 | 1.89 | 0.017 | 0.05 | <0.1 | 0.03 | 4.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 145320 | Soil | 15 | 38 | 0.52 | 233 | 0.086 | 1 | 2.22 | 0.018 | 0.05 | <0.1 | 0.01 | 4.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139937 | Soil | 9 | 41 | 0.39 | 194 | 0.092 | <1 | 1.98 | 0.016 | 0.03 | <0.1 | 0.02 | 3.5 | 0.3 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139941 | Soil | 7 | 49 | 0.42 | 157 | 0.109 | <1 | 1.65 | 0.012 | 0.04 | <0.1 | 0.01 | 2.6 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 145089 | Soil | 17 | 28 | 0.44 | 192 | 0.065 | <1 | 1.92 | 0.014 | 0.06 | 0.1 | 0.01 | 2.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138105 | Soil | 9 | 58 | 0.66 | 146 | 0.117 | 2 | 2.01 | 0.013 | 0.07 | 0.2 | 0.02 | 2.6 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| APO 138605 | Soil | 11 | 32 | 0.42 | 122 | 0.082 | 2 | 2.63 | 0.015 | 0.07 | <0.1 | 0.03 | 3.4 | 0.1 | <0.05 | 9 | <0.5 | <0.2 |
| APO 145091 | Soil | 28 | 22 | 0.83 | 210 | 0.061 | <1 | 2.22 | 0.062 | 0.14 | <0.1 | <0.01 | 5.1 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138582 | Soil | 16 | 47 | 0.53 | 307 | 0.060 | 4 | 1.68 | 0.028 | 0.06 | <0.1 | 0.03 | 4.9 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| APO 138621 | Soil | 22 | 49 | 0.78 | 189 | 0.137 | 2 | 2.66 | 0.016 | 0.19 | <0.1 | 0.04 | 4.8 | 0.2 | <0.05 | 7 | 0.6 | <0.2 |

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



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Project: APO
Report Date: October 19, 2010

Page: 3 of 7 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | | 1DX15 | |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|--|
| | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | | |
| MDL | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 1 | 0.01 | 0.5 | 0.1 | 0.5 | 0.1 | 1 | 0.1 | 0.1 | 0.1 | 2 | 0.01 | 0.001 | | |
| Soil | 5.5 | 41.3 | 75.5 | 166 | 0.3 | 33.6 | 13.1 | 779 | 3.87 | 68.3 | 4.7 | 19.7 | 13.2 | 65 | 0.6 | 2.2 | 0.5 | 71 | 0.40 | 0.077 | | |
| Soil | 1.0 | 18.2 | 8.9 | 60 | 0.1 | 32.0 | 9.6 | 339 | 3.04 | 4.6 | 1.6 | 1.1 | 5.5 | 49 | 0.1 | 0.4 | <0.1 | 84 | 0.46 | 0.069 | | |
| Soil | 0.8 | 13.7 | 11.1 | 37 | <0.1 | 10.9 | 4.5 | 127 | 2.33 | 7.4 | 0.9 | 2.9 | 1.9 | 21 | <0.1 | 0.3 | 0.2 | 47 | 0.27 | 0.068 | | |
| Soil | 1.0 | 10.9 | 9.1 | 24 | <0.1 | 11.4 | 4.9 | 170 | 1.99 | 5.3 | 0.5 | 2.6 | 1.5 | 14 | <0.1 | 0.2 | 0.1 | 57 | 0.13 | 0.026 | | |
| Soil | 1.4 | 27.4 | 6.5 | 73 | <0.1 | 24.9 | 16.2 | 889 | 4.43 | 3.3 | 2.3 | 1.7 | 9.0 | 72 | 0.2 | 0.2 | 0.5 | 129 | 0.77 | 0.196 | | |
| Soil | 0.9 | 13.1 | 5.8 | 46 | <0.1 | 11.3 | 4.1 | 325 | 2.29 | 4.1 | 0.7 | 4.1 | 3.9 | 42 | <0.1 | 0.2 | <0.1 | 39 | 0.48 | 0.028 | | |
| Soil | 0.6 | 26.9 | 9.5 | 123 | <0.1 | 31.3 | 24.5 | 980 | 6.23 | 3.3 | 0.7 | <0.5 | 6.7 | 28 | 0.1 | 0.2 | <0.1 | 79 | 0.37 | 0.134 | | |
| Soil | 1.1 | 28.6 | 19.7 | 76 | 0.1 | 43.0 | 15.4 | 361 | 3.79 | 7.7 | 1.1 | 1.9 | 7.3 | 21 | 0.2 | 0.4 | 0.1 | 78 | 0.24 | 0.020 | | |
| Soil | 0.9 | 10.2 | 14.5 | 64 | <0.1 | 8.9 | 7.6 | 299 | 3.01 | 4.6 | 1.4 | <0.5 | 27.6 | 12 | <0.1 | 0.2 | 0.2 | 47 | 0.10 | 0.037 | | |
| Soil | 0.8 | 41.1 | 7.1 | 64 | <0.1 | 31.8 | 12.9 | 368 | 3.30 | 7.2 | 0.7 | 3.4 | 3.4 | 30 | <0.1 | 0.4 | 0.1 | 80 | 0.30 | 0.024 | | |
| Soil | 1.0 | 14.7 | 13.1 | 76 | <0.1 | 17.7 | 10.5 | 487 | 3.57 | 6.7 | 1.7 | 1.7 | 5.8 | 24 | <0.1 | 0.3 | 0.2 | 62 | 0.36 | 0.085 | | |
| Soil | 0.6 | 29.2 | 5.6 | 87 | <0.1 | 35.2 | 21.9 | 948 | 5.10 | 3.8 | 0.6 | 2.1 | 2.9 | 15 | 0.2 | 0.3 | 0.1 | 115 | 0.22 | 0.017 | | |
| Soil | 0.9 | 20.4 | 8.3 | 53 | <0.1 | 24.9 | 10.8 | 360 | 2.96 | 6.5 | 0.6 | 3.3 | 3.2 | 23 | <0.1 | 0.4 | 0.1 | 77 | 0.21 | 0.015 | | |
| Soil | 0.7 | 12.5 | 7.4 | 60 | <0.1 | 13.7 | 5.4 | 355 | 2.44 | 4.6 | 2.6 | 1.8 | 5.1 | 45 | <0.1 | 0.2 | 0.1 | 44 | 0.45 | 0.015 | | |
| Soil | 1.1 | 16.3 | 11.2 | 71 | <0.1 | 24.1 | 16.4 | 552 | 3.75 | 7.4 | 0.9 | 6.3 | 8.2 | 23 | <0.1 | 0.3 | 0.2 | 77 | 0.27 | 0.045 | | |
| Soil | 0.9 | 17.4 | 9.1 | 47 | <0.1 | 17.9 | 7.5 | 329 | 2.63 | 7.4 | 1.2 | 1.5 | 3.4 | 40 | <0.1 | 0.3 | 0.1 | 65 | 0.39 | 0.019 | | |
| Soil | 0.7 | 10.1 | 14.1 | 29 | <0.1 | 11.5 | 5.8 | 425 | 1.59 | 3.6 | 1.9 | 1.4 | 5.4 | 132 | <0.1 | 0.1 | 0.2 | 26 | 0.55 | 0.026 | | |
| Soil | 1.7 | 29.5 | 14.5 | 50 | <0.1 | 47.4 | 10.8 | 953 | 2.42 | 2.3 | 1.7 | 1.1 | 4.4 | 106 | 0.2 | 0.2 | 0.1 | 43 | 1.29 | 0.082 | | |
| Soil | 1.0 | 17.4 | 8.3 | 72 | 0.1 | 19.3 | 7.8 | 247 | 2.96 | 6.1 | 0.9 | 0.9 | 4.7 | 29 | <0.1 | 0.3 | 0.1 | 59 | 0.22 | 0.014 | | |
| Soil | 0.3 | 19.3 | 20.3 | 84 | <0.1 | 30.7 | 15.1 | 543 | 4.15 | 6.6 | 0.7 | 1.3 | 14.6 | 19 | <0.1 | 0.3 | 0.2 | 58 | 0.21 | 0.030 | | |
| Soil | 0.9 | 36.7 | 7.6 | 75 | <0.1 | 49.4 | 18.6 | 417 | 4.14 | 4.3 | 0.7 | 1.1 | 7.1 | 23 | 0.1 | 0.2 | <0.1 | 63 | 0.36 | 0.045 | | |
| Soil | 1.0 | 17.7 | 7.6 | 94 | <0.1 | 20.0 | 9.8 | 2317 | 2.58 | 4.4 | 0.3 | 1.5 | 1.3 | 29 | 0.5 | 0.4 | 0.2 | 68 | 0.31 | 0.033 | | |
| Soil | 0.6 | 7.6 | 4.7 | 68 | <0.1 | 6.9 | 3.5 | 178 | 2.32 | 1.7 | 0.6 | <0.5 | 6.0 | 26 | <0.1 | 0.1 | <0.1 | 34 | 0.28 | 0.010 | | |
| Soil | 1.2 | 17.9 | 8.8 | 63 | <0.1 | 22.3 | 9.8 | 1394 | 2.76 | 4.8 | 0.5 | 1.6 | 1.9 | 27 | 0.3 | 0.4 | 0.2 | 70 | 0.23 | 0.019 | | |
| Soil | 0.4 | 6.0 | 3.0 | 32 | <0.1 | 4.2 | 2.2 | 306 | 1.30 | 1.2 | 1.0 | <0.5 | 5.3 | 24 | <0.1 | <0.1 | <0.1 | 17 | 0.29 | 0.010 | | |
| Soil | 1.2 | 17.5 | 9.6 | 77 | <0.1 | 21.3 | 11.2 | 743 | 3.18 | 6.4 | 0.5 | 1.6 | 3.5 | 30 | 0.1 | 0.5 | 0.2 | 83 | 0.27 | 0.018 | | |
| Soil | 1.1 | 15.6 | 8.6 | 56 | <0.1 | 17.8 | 7.3 | 223 | 2.71 | 5.6 | 0.5 | 1.7 | 3.3 | 26 | <0.1 | 0.4 | 0.1 | 65 | 0.19 | 0.010 | | |
| Soil | 0.3 | 7.1 | 4.0 | 44 | <0.1 | 4.1 | 2.6 | 560 | 1.50 | 1.1 | 1.1 | 0.5 | 5.8 | 29 | <0.1 | <0.1 | <0.1 | 11 | 0.30 | 0.013 | | |
| Soil | 1.3 | 11.5 | 7.8 | 52 | <0.1 | 10.6 | 5.6 | 764 | 2.02 | 4.2 | 0.3 | 1.2 | 1.0 | 22 | 0.2 | 0.4 | 0.2 | 63 | 0.21 | 0.025 | | |
| Soil | 1.3 | 22.8 | 9.8 | 83 | 0.1 | 19.7 | 11.9 | 1604 | 3.18 | 7.5 | 0.7 | 1.2 | 4.2 | 46 | 0.3 | 0.4 | 0.1 | 64 | 0.42 | 0.022 | | |

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Project: APO
Report Date: October 19, 2010

Page: 3 of 7 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 138104 | Soil | 36 | 54 | 0.80 | 170 | 0.100 | 3 | 2.17 | 0.017 | 0.06 | 0.3 | 0.03 | 5.8 | 0.1 | <0.05 | 6 | 0.8 | <0.2 |
| APO 139933 | Soil | 13 | 63 | 0.79 | 172 | 0.113 | 2 | 1.65 | 0.020 | 0.05 | <0.1 | 0.01 | 4.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139808 | Soil | 12 | 23 | 0.30 | 197 | 0.024 | 1 | 1.48 | 0.013 | 0.06 | <0.1 | 0.04 | 3.3 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139671 | Soil | 6 | 22 | 0.27 | 116 | 0.078 | 1 | 1.49 | 0.015 | 0.04 | 0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 145092 | Soil | 29 | 35 | 1.12 | 92 | 0.106 | 8 | 1.89 | 0.035 | 0.16 | 0.3 | 0.01 | 5.1 | 0.2 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139128 | Soil | 11 | 25 | 0.37 | 125 | 0.025 | 2 | 1.80 | 0.022 | 0.04 | 0.1 | 0.02 | 3.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 143989 | Soil | 11 | 37 | 1.61 | 322 | 0.317 | 1 | 3.76 | 0.013 | 1.71 | <0.1 | <0.01 | 2.8 | 0.8 | <0.05 | 10 | <0.5 | <0.2 |
| APO 143994 | Soil | 10 | 47 | 0.79 | 189 | 0.129 | 1 | 2.88 | 0.013 | 0.07 | 0.1 | 0.01 | 3.4 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 143992 | Soil | 123 | 17 | 0.33 | 60 | 0.075 | 2 | 1.42 | 0.010 | 0.34 | 0.1 | 0.01 | 2.3 | 0.3 | <0.05 | 9 | <0.5 | <0.2 |
| APO 138124 | Soil | 14 | 49 | 0.62 | 239 | 0.106 | 1 | 2.41 | 0.016 | 0.05 | <0.1 | 0.03 | 6.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 143997 | Soil | 20 | 26 | 0.55 | 119 | 0.092 | 3 | 1.84 | 0.012 | 0.20 | <0.1 | 0.02 | 3.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138123 | Soil | 13 | 49 | 0.35 | 396 | 0.042 | <1 | 1.43 | 0.007 | 0.12 | <0.1 | 0.02 | 13.5 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139130 | Soil | 11 | 41 | 0.54 | 185 | 0.105 | <1 | 2.39 | 0.018 | 0.03 | <0.1 | 0.02 | 3.8 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139135 | Soil | 13 | 26 | 0.40 | 160 | 0.034 | 2 | 2.02 | 0.023 | 0.04 | <0.1 | 0.02 | 5.0 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 143990 | Soil | 12 | 37 | 0.78 | 171 | 0.195 | 2 | 2.47 | 0.015 | 0.28 | 0.1 | 0.02 | 2.9 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139127 | Soil | 13 | 36 | 0.48 | 191 | 0.085 | <1 | 2.22 | 0.021 | 0.04 | 0.1 | 0.02 | 5.2 | <0.1 | <0.05 | 6 | 0.5 | <0.2 |
| APO 139544 | Soil | 15 | 20 | 0.34 | 184 | 0.013 | 7 | 1.49 | 0.041 | 0.09 | <0.1 | 0.01 | 2.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| APO 139539 | Soil | 15 | 60 | 0.62 | 500 | 0.011 | 3 | 1.51 | 0.016 | 0.28 | <0.1 | 0.01 | 6.3 | 0.1 | <0.05 | 4 | 0.6 | 0.2 |
| APO 139132 | Soil | 8 | 34 | 0.41 | 188 | 0.057 | <1 | 3.73 | 0.018 | 0.03 | <0.1 | 0.03 | 5.1 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138832 | Soil | 38 | 42 | 1.06 | 211 | 0.189 | 6 | 2.51 | 0.015 | 1.01 | <0.1 | <0.01 | 5.0 | 0.6 | <0.05 | 9 | 0.6 | <0.2 |
| APO 139477 | Soil | 15 | 54 | 1.11 | 159 | 0.176 | 1 | 2.55 | 0.012 | 0.62 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139530 | Soil | 7 | 29 | 0.36 | 242 | 0.076 | <1 | 1.97 | 0.022 | 0.04 | <0.1 | 0.02 | 4.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139532 | Soil | 8 | 18 | 0.24 | 60 | 0.012 | 2 | 2.06 | 0.028 | 0.04 | <0.1 | 0.01 | 2.9 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139521 | Soil | 7 | 33 | 0.41 | 200 | 0.101 | 1 | 2.51 | 0.025 | 0.04 | <0.1 | 0.01 | 2.9 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139518 | Soil | 9 | 11 | 0.15 | 62 | 0.013 | 1 | 0.95 | 0.018 | 0.03 | <0.1 | 0.01 | 3.2 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| APO 138531 | Soil | 11 | 41 | 0.50 | 233 | 0.093 | 2 | 2.75 | 0.019 | 0.04 | <0.1 | <0.01 | 4.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139520 | Soil | 10 | 33 | 0.40 | 98 | 0.080 | <1 | 2.61 | 0.020 | 0.04 | <0.1 | <0.01 | 3.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139517 | Soil | 9 | 8 | 0.15 | 67 | 0.006 | <1 | 0.71 | 0.017 | 0.02 | <0.1 | <0.01 | 2.6 | <0.1 | <0.05 | 2 | <0.5 | <0.2 |
| APO 139522 | Soil | 6 | 19 | 0.26 | 171 | 0.086 | 1 | 1.21 | 0.022 | 0.04 | <0.1 | 0.02 | 1.8 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139526 | Soil | 11 | 33 | 0.35 | 253 | 0.061 | 2 | 2.68 | 0.021 | 0.05 | <0.1 | 0.02 | 5.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |

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Report Date: October 19, 2010

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CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit | MDL | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % |
|---------------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|------|-------|
| Soil | 1.4 | 16.7 | 10.0 | 0.1 | 65 | 0.1 | 20.0 | 11.0 | 1435 | 2.97 | 5.5 | 0.5 | 0.8 | 2.5 | 28 | 0.1 | 0.4 | 0.2 | 81 | 0.24 | 0.019 |
| Soil | 1.4 | 25.6 | 9.3 | 64 | <0.1 | <0.1 | 25.0 | 17.9 | 1131 | 4.50 | 4.0 | 1.8 | 1.3 | 5.4 | 67 | 0.2 | 0.1 | 0.1 | 115 | 0.91 | 0.088 |
| Soil | 0.6 | 24.3 | 7.7 | 66 | <0.1 | <0.1 | 31.5 | 11.6 | 214 | 3.26 | 4.4 | 0.9 | 1.6 | 4.9 | 23 | <0.1 | 0.2 | 0.1 | 61 | 0.34 | 0.065 |
| Soil | 0.4 | 31.2 | 10.8 | 110 | <0.1 | <0.1 | 39.9 | 17.0 | 761 | 5.08 | 4.9 | 2.0 | 1.1 | 19.6 | 30 | <0.1 | 0.3 | 0.3 | 70 | 0.48 | 0.133 |
| Soil | 1.3 | 30.8 | 22.7 | 68 | 0.1 | 0.1 | 37.0 | 12.1 | 282 | 3.29 | 11.3 | 1.6 | 8.1 | 3.4 | 29 | 0.2 | 0.5 | 0.3 | 83 | 0.35 | 0.065 |
| Soil | 1.2 | 38.7 | 8.2 | 54 | 0.1 | 0.1 | 39.8 | 14.8 | 330 | 3.28 | 26.0 | 0.7 | 2.1 | 3.7 | 14 | <0.1 | 0.7 | 0.2 | 86 | 0.23 | 0.047 |
| Soil | 0.7 | 37.9 | 8.2 | 49 | <0.1 | <0.1 | 37.5 | 16.7 | 375 | 2.95 | 7.4 | 0.7 | 1.5 | 3.9 | 15 | 0.1 | 0.3 | 0.1 | 75 | 0.24 | 0.044 |
| Soil | 0.8 | 16.2 | 7.8 | 56 | <0.1 | <0.1 | 19.8 | 8.6 | 528 | 2.53 | 5.8 | 0.7 | 1.2 | 2.8 | 27 | <0.1 | 0.3 | <0.1 | 63 | 0.30 | 0.032 |
| Soil | 0.9 | 16.6 | 9.4 | 56 | <0.1 | <0.1 | 29.3 | 8.7 | 230 | 2.40 | 4.2 | 2.0 | <0.5 | 8.3 | 29 | <0.1 | 0.2 | 0.2 | 58 | 0.27 | 0.013 |
| Soil | 1.4 | 21.4 | 9.9 | 57 | <0.1 | <0.1 | 25.7 | 11.9 | 345 | 3.38 | 10.1 | 0.6 | 3.5 | 3.3 | 15 | 0.2 | 0.5 | 0.2 | 81 | 0.14 | 0.026 |
| Soil | 1.1 | 32.1 | 9.2 | 84 | <0.1 | <0.1 | 39.4 | 20.1 | 382 | 4.36 | 8.6 | 1.0 | 2.4 | 11.8 | 25 | <0.1 | 0.4 | 0.1 | 73 | 0.43 | 0.071 |
| Soil | 0.7 | 22.1 | 8.4 | 55 | <0.1 | <0.1 | 20.0 | 9.3 | 441 | 2.68 | 5.9 | 2.3 | 2.5 | 5.1 | 35 | <0.1 | 0.3 | 0.1 | 67 | 0.38 | 0.019 |
| Soil | 1.3 | 20.9 | 9.8 | 46 | <0.1 | <0.1 | 33.5 | 12.9 | 241 | 3.25 | 7.1 | 0.4 | 1.0 | 2.3 | 19 | 0.1 | 0.4 | 0.2 | 81 | 0.18 | 0.022 |
| Soil | 1.1 | 16.6 | 8.1 | 47 | <0.1 | <0.1 | 19.2 | 7.6 | 340 | 2.88 | 6.7 | 0.5 | 1.1 | 2.8 | 22 | <0.1 | 0.3 | 0.1 | 71 | 0.20 | 0.017 |
| Soil | 0.5 | 24.2 | 8.9 | 103 | <0.1 | <0.1 | 33.5 | 20.9 | 509 | 4.87 | 4.3 | 0.7 | 0.5 | 10.1 | 18 | <0.1 | 0.2 | <0.1 | 60 | 0.32 | 0.099 |
| Soil | 0.8 | 22.5 | 9.5 | 42 | 0.1 | 0.1 | 20.4 | 9.5 | 375 | 2.36 | 7.1 | 1.0 | 3.7 | 3.8 | 34 | <0.1 | 0.3 | 0.1 | 62 | 0.46 | 0.034 |
| Soil | 2.8 | 20.8 | 10.3 | 46 | <0.1 | <0.1 | 23.0 | 9.8 | 249 | 3.08 | 22.4 | 0.8 | 1.3 | 3.3 | 21 | 0.2 | 1.2 | 0.2 | 79 | 0.22 | 0.038 |
| Soil | 1.2 | 11.2 | 7.8 | 45 | 0.1 | 0.1 | 10.0 | 5.3 | 408 | 1.98 | 3.8 | 0.5 | 2.3 | 2.1 | 17 | 0.1 | 0.3 | <0.1 | 43 | 0.15 | 0.025 |
| Soil | 0.7 | 16.8 | 17.0 | 80 | <0.1 | <0.1 | 39.3 | 15.1 | 257 | 3.64 | 5.0 | 1.5 | 1.2 | 14.9 | 22 | <0.1 | 1.7 | 0.2 | 46 | 0.33 | 0.087 |
| Soil | 0.8 | 21.6 | 7.6 | 65 | <0.1 | <0.1 | 20.7 | 9.8 | 587 | 2.96 | 6.4 | 1.8 | 3.3 | 4.7 | 30 | <0.1 | 0.2 | 0.1 | 62 | 0.31 | 0.018 |
| Soil | 0.8 | 19.7 | 14.5 | 63 | 0.1 | 0.1 | 26.9 | 11.4 | 664 | 3.30 | 6.9 | 0.9 | 0.8 | 7.4 | 37 | 0.2 | 0.3 | 0.1 | 90 | 0.45 | 0.026 |
| Soil | 5.6 | 56.2 | 40.0 | 160 | 0.3 | 0.3 | 59.8 | 14.1 | 750 | 3.87 | 14.5 | 2.3 | 26.1 | 13.1 | 64 | 0.5 | 0.7 | 0.5 | 82 | 0.51 | 0.082 |
| Soil | 1.4 | 16.2 | 12.2 | 38 | <0.1 | <0.1 | 18.0 | 8.6 | 360 | 2.84 | 6.3 | 0.7 | 1.3 | 2.7 | 22 | <0.1 | 0.3 | 0.2 | 75 | 0.20 | 0.018 |
| Soil | 0.6 | 23.6 | 14.6 | 57 | <0.1 | <0.1 | 29.9 | 9.2 | 462 | 2.60 | 4.4 | 1.7 | 1.3 | 5.3 | 94 | 0.1 | 0.2 | 0.2 | 70 | 0.65 | 0.078 |
| Soil | 1.7 | 22.3 | 16.9 | 70 | 0.2 | 0.2 | 27.5 | 17.0 | 678 | 3.38 | 14.1 | 0.8 | 4.1 | 3.5 | 21 | 0.2 | 0.8 | 0.3 | 82 | 0.29 | 0.045 |
| Soil | 1.5 | 18.2 | 11.9 | 45 | <0.1 | <0.1 | 26.4 | 13.1 | 755 | 3.61 | 10.1 | 0.5 | 1.4 | 2.5 | 25 | <0.1 | 0.4 | 0.2 | 94 | 0.29 | 0.035 |
| Soil | 6.5 | 51.2 | 98.0 | 195 | 0.3 | 0.3 | 38.5 | 15.4 | 903 | 4.44 | 74.5 | 6.4 | 23.9 | 17.9 | 64 | 0.7 | 2.6 | 0.5 | 78 | 0.44 | 0.079 |
| Soil | 0.7 | 53.2 | 7.3 | 58 | <0.1 | <0.1 | 50.2 | 21.8 | 397 | 3.19 | 8.8 | 0.7 | 2.2 | 3.2 | 18 | 0.1 | 0.4 | 0.1 | 75 | 0.25 | 0.033 |
| Soil | 1.1 | 26.7 | 31.8 | 54 | 0.4 | 0.4 | 19.3 | 8.1 | 199 | 3.06 | 13.8 | 1.4 | 5.7 | 1.6 | 20 | 0.2 | 0.6 | 0.8 | 61 | 0.24 | 0.060 |
| Soil | 1.4 | 22.0 | 12.8 | 74 | <0.1 | <0.1 | 39.2 | 13.6 | 374 | 3.49 | 6.8 | 1.1 | <0.5 | 5.1 | 84 | 0.2 | 0.3 | 0.1 | 91 | 0.31 | 0.038 |

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CERTIFICATE OF ANALYSIS

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| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 138525 | Soil | 10 | 33 | 0.39 | 257 | 0.096 | <1 | 2.45 | 0.022 | 0.04 | <0.1 | 0.02 | 3.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139676 | Soil | 18 | 64 | 0.40 | 311 | 0.010 | 2 | 2.19 | 0.037 | 0.14 | <0.1 | 0.02 | 17.9 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 143977 | Soil | 14 | 45 | 0.95 | 127 | 0.169 | 2 | 2.12 | 0.016 | 0.34 | 0.1 | 0.04 | 3.0 | 0.3 | <0.05 | 6 | 0.5 | <0.2 |
| APO 138135 | Soil | 51 | 54 | 1.17 | 313 | 0.079 | 2 | 2.54 | 0.010 | 1.12 | <0.1 | 0.04 | 9.4 | 0.6 | <0.05 | 9 | <0.5 | <0.2 |
| APO 138112 | Soil | 14 | 53 | 0.75 | 182 | 0.129 | 2 | 2.70 | 0.020 | 0.06 | 0.1 | 0.03 | 4.5 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139893 | Soil | 17 | 48 | 0.78 | 128 | 0.099 | 2 | 2.41 | 0.012 | 0.04 | <0.1 | 0.03 | 5.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139896 | Soil | 11 | 44 | 0.66 | 140 | 0.108 | 1 | 2.50 | 0.013 | 0.04 | 0.1 | 0.02 | 4.1 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139133 | Soil | 10 | 32 | 0.48 | 137 | 0.086 | 2 | 2.12 | 0.014 | 0.05 | 0.1 | 0.02 | 3.0 | <0.1 | <0.05 | 6 | <0.5 | 0.2 |
| APO 145083 | Soil | 13 | 57 | 0.74 | 120 | 0.101 | <1 | 1.99 | 0.013 | 0.05 | 0.3 | <0.1 | 3.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139117 | Soil | 9 | 42 | 0.48 | 132 | 0.102 | 1 | 2.85 | 0.013 | 0.04 | 0.1 | 0.04 | 3.5 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139480 | Soil | 20 | 54 | 1.17 | 298 | 0.185 | 1 | 2.91 | 0.014 | 0.72 | <0.1 | <0.01 | 3.5 | 0.4 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139136 | Soil | 14 | 38 | 0.52 | 184 | 0.099 | 1 | 1.98 | 0.023 | 0.05 | <0.1 | 0.02 | 5.3 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139485 | Soil | 7 | 46 | 0.52 | 203 | 0.090 | 2 | 2.46 | 0.011 | 0.06 | <0.1 | 0.01 | 3.5 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139122 | Soil | 9 | 33 | 0.39 | 134 | 0.095 | 1 | 2.38 | 0.015 | 0.05 | 0.1 | 0.02 | 3.2 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 143983 | Soil | 17 | 43 | 1.29 | 243 | 0.232 | <1 | 2.97 | 0.009 | 1.06 | <0.1 | <0.01 | 2.3 | 0.5 | <0.05 | 9 | <0.5 | <0.2 |
| APO 139527 | Soil | 16 | 35 | 0.45 | 227 | 0.074 | 1 | 1.80 | 0.018 | 0.04 | 0.1 | 0.02 | 4.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139802 | Soil | 11 | 40 | 0.51 | 145 | 0.104 | 2 | 2.12 | 0.012 | 0.05 | <0.1 | 0.56 | 4.0 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139121 | Soil | 8 | 20 | 0.19 | 81 | 0.045 | 2 | 1.24 | 0.013 | 0.04 | 0.1 | 0.01 | 1.9 | <0.1 | <0.05 | 5 | <0.5 | 0.2 |
| APO 138829 | Soil | 58 | 42 | 0.60 | 159 | 0.076 | 5 | 1.66 | 0.011 | 0.49 | 0.2 | 0.01 | 4.2 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139137 | Soil | 14 | 37 | 0.50 | 146 | 0.091 | 1 | 2.06 | 0.016 | 0.04 | 0.1 | 0.02 | 5.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 138041 | Soil | 12 | 46 | 0.52 | 221 | 0.100 | 1 | 2.09 | 0.020 | 0.11 | 0.2 | 0.03 | 8.5 | <0.1 | <0.05 | 7 | <0.5 | 0.2 |
| APO 138101 | Soil | 40 | 84 | 1.10 | 260 | 0.143 | 2 | 2.60 | 0.019 | 0.20 | 0.4 | 0.03 | 6.1 | 0.3 | <0.05 | 8 | <0.5 | <0.2 |
| APO 139930 | Soil | 10 | 38 | 0.44 | 209 | 0.114 | 2 | 1.96 | 0.014 | 0.05 | 0.1 | <0.01 | 2.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139921 | Soil | 25 | 46 | 0.99 | 172 | 0.105 | <1 | 2.10 | 0.029 | 0.06 | <0.1 | 0.02 | 4.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139802 | Soil | 11 | 46 | 0.68 | 140 | 0.094 | 2 | 2.14 | 0.013 | 0.07 | 0.1 | 0.02 | 4.8 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139926 | Soil | 9 | 42 | 0.53 | 244 | 0.118 | <1 | 2.57 | 0.011 | 0.07 | <0.1 | 0.02 | 2.9 | 0.1 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138103 | Soil | 46 | 63 | 0.90 | 179 | 0.108 | 1 | 2.41 | 0.019 | 0.07 | 0.3 | 0.02 | 6.7 | 0.2 | <0.05 | 8 | <0.5 | 0.2 |
| APO 139888 | Soil | 12 | 50 | 0.75 | 139 | 0.132 | 1 | 2.30 | 0.013 | 0.05 | <0.1 | 0.02 | 5.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139799 | Soil | 12 | 35 | 0.47 | 145 | 0.044 | 2 | 1.90 | 0.011 | 0.06 | <0.1 | 0.05 | 3.5 | 0.2 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139920 | Soil | 14 | 59 | 0.81 | 250 | 0.134 | 1 | 3.39 | 0.021 | 0.06 | 0.2 | 0.01 | 4.5 | <0.1 | <0.05 | 8 | <0.5 | <0.2 |

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 Vancouver BC V6C 2T6 Canada

Project: APO
Report Date: October 19, 2010

Page: 6 of 7 **Part** 2

CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| APO 139546 | Soil | 19 | 45 | 0.48 | 243 | 0.017 | 7 | 1.30 | 0.017 | 0.20 | <0.1 | <0.01 | 3.7 | 0.3 | <0.05 | 4 | <0.5 | <0.2 |
| APO 143982 | Soil | 35 | 49 | 1.15 | 254 | 0.137 | 2 | 2.47 | 0.010 | 0.43 | <0.1 | 0.01 | 3.7 | 0.2 | <0.05 | 9 | <0.5 | <0.2 |
| APO 138134 | Soil | 47 | 53 | 1.07 | 270 | 0.074 | 3 | 2.16 | 0.008 | 0.97 | <0.1 | 0.04 | 8.1 | 0.5 | <0.05 | 8 | <0.5 | <0.2 |
| APO 138109 | Soil | 9 | 81 | 0.76 | 146 | 0.137 | 2 | 2.64 | 0.014 | 0.07 | 0.3 | 0.03 | 3.4 | 0.3 | <0.05 | 9 | <0.5 | 0.4 |
| APO 139909 | Soil | 9 | 41 | 0.59 | 176 | 0.095 | 1 | 2.60 | 0.011 | 0.04 | <0.1 | 0.02 | 4.8 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139907 | Soil | 11 | 38 | 0.47 | 260 | 0.050 | 3 | 1.94 | 0.009 | 0.05 | <0.1 | 0.09 | 4.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138030 | Soil | 5 | 30 | 0.37 | 147 | 0.042 | 2 | 2.40 | 0.009 | 0.04 | 0.1 | 0.04 | 3.7 | <0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138817 | Soil | 9 | 20 | 0.24 | 56 | 0.079 | 2 | 1.03 | 0.012 | 0.04 | <0.1 | 0.02 | 1.5 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139656 | Soil | 13 | 62 | 1.19 | 227 | 0.136 | 4 | 1.75 | 0.041 | 0.08 | 0.2 | 0.03 | 4.8 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139925 | Soil | 23 | 27 | 0.55 | 153 | 0.063 | 2 | 1.74 | 0.036 | 0.03 | 0.2 | 0.02 | 2.5 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139935 | Soil | 8 | 47 | 0.50 | 120 | 0.089 | 2 | 1.72 | 0.013 | 0.05 | 0.2 | 0.02 | 2.7 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139936 | Soil | 6 | 47 | 0.39 | 188 | 0.085 | 1 | 1.95 | 0.011 | 0.05 | <0.1 | 0.02 | 2.5 | 0.2 | <0.05 | 7 | <0.5 | 0.2 |
| APO 139551 | Soil | 25 | 50 | 0.89 | 185 | 0.072 | 3 | 1.95 | 0.033 | 0.11 | <0.1 | 0.02 | 3.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139906 | Soil | 7 | 18 | 0.17 | 109 | 0.054 | 1 | 1.41 | 0.017 | 0.04 | <0.1 | 0.03 | 2.2 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139668 | Soil | 11 | 34 | 0.52 | 196 | 0.073 | 1 | 2.41 | 0.015 | 0.06 | 0.2 | 0.02 | 3.0 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139939 | Soil | 7 | 34 | 0.42 | 173 | 0.070 | 2 | 1.66 | 0.020 | 0.06 | 0.2 | 0.02 | 2.6 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139118 | Soil | 7 | 17 | 0.19 | 116 | 0.037 | 3 | 1.25 | 0.018 | 0.05 | 0.1 | 0.05 | 2.0 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139908 | Soil | 19 | 23 | 0.31 | 103 | 0.075 | 1 | 1.29 | 0.008 | 0.10 | <0.1 | 0.05 | 2.1 | 0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139940 | Soil | 16 | 43 | 0.65 | 179 | 0.071 | 1 | 1.51 | 0.018 | 0.04 | <0.1 | 0.04 | 4.0 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 143975 | Soil | 27 | 63 | 1.05 | 105 | 0.149 | 1 | 2.24 | 0.010 | 0.37 | 0.1 | 0.05 | 3.8 | 0.3 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139890 | Soil | 4 | 13 | 0.09 | 40 | 0.039 | <1 | 0.53 | 0.013 | 0.03 | <0.1 | 0.02 | 0.6 | <0.1 | <0.05 | 3 | <0.5 | <0.2 |
| APO 139938 | Soil | 16 | 77 | 0.76 | 195 | 0.111 | <1 | 2.40 | 0.013 | 0.04 | 0.1 | 0.01 | 5.8 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139934 | Soil | 17 | 44 | 0.45 | 159 | 0.071 | <1 | 1.28 | 0.017 | 0.05 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139437 | Soil | 18 | 33 | 0.59 | 124 | 0.028 | 3 | 0.93 | 0.018 | 0.03 | 0.2 | 0.07 | 2.6 | <0.1 | 0.07 | 2 | 0.6 | <0.2 |
| APO 139793 | Soil | 12 | 44 | 0.58 | 108 | 0.107 | 1 | 2.86 | 0.012 | 0.05 | 0.2 | 0.04 | 4.2 | 0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139805 | Soil | 15 | 32 | 0.48 | 156 | 0.046 | <1 | 1.88 | 0.012 | 0.05 | <0.1 | 0.05 | 4.4 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 139660 | Soil | 20 | 91 | 1.07 | 175 | 0.086 | <1 | 1.61 | 0.021 | 0.06 | <0.1 | 0.04 | 5.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 139658 | Soil | 13 | 58 | 1.19 | 211 | 0.137 | 3 | 1.72 | 0.043 | 0.09 | 0.1 | 0.03 | 5.1 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 138102 | Soil | 32 | 57 | 0.73 | 219 | 0.118 | 2 | 2.86 | 0.017 | 0.08 | 0.3 | 0.06 | 7.7 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139655 | Soil | 15 | 85 | 1.68 | 244 | 0.171 | 3 | 1.97 | 0.042 | 0.08 | 0.2 | 0.04 | 6.3 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |

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



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Project: APO
Report Date: October 19, 2010

Page: 7 of 7 **Part** 1

CERTIFICATE OF ANALYSIS

WHI10000488.1

| Method Analyte Unit | MDL | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % |
|---------------------|------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|------|-------|
| APO 139948 | Soil | 1.0 | 26.2 | 8.6 | 51 | 0.1 | 32.7 | 9.5 | 268 | 2.29 | 5.9 | 3.2 | 4.2 | 3.7 | 64 | 0.3 | 0.4 | <0.1 | 61 | 0.96 | 0.095 |
| APO 139662 | Soil | 0.9 | 26.4 | 12.9 | 48 | <0.1 | 62.8 | 14.4 | 577 | 2.34 | 5.3 | 2.5 | 2.4 | 6.2 | 43 | 0.2 | 0.2 | 0.2 | 60 | 0.80 | 0.068 |
| APO 139796 | Soil | 3.9 | 23.7 | 42.9 | 67 | 0.5 | 18.1 | 9.6 | 303 | 2.73 | 16.9 | 1.8 | 72.7 | 3.4 | 23 | 0.3 | 0.7 | 0.6 | 66 | 0.27 | 0.050 |
| APO 139116 | Soil | 1.0 | 23.2 | 8.8 | 56 | <0.1 | 28.7 | 13.1 | 388 | 3.17 | 9.5 | 0.6 | 2.5 | 3.7 | 23 | <0.1 | 0.3 | 0.1 | 74 | 0.23 | 0.019 |
| APO 139560 | Soil | 1.9 | 21.1 | 10.2 | 41 | <0.1 | 25.6 | 10.6 | 197 | 3.30 | 10.1 | 0.7 | 4.0 | 3.1 | 41 | 0.2 | 0.4 | 0.1 | 80 | 0.21 | 0.047 |
| APO 138037 | Soil | 1.6 | 24.0 | 14.7 | 63 | <0.1 | 28.5 | 12.4 | 505 | 3.55 | 9.9 | 0.6 | 2.3 | 3.8 | 18 | 0.2 | 0.4 | 0.2 | 93 | 0.18 | 0.023 |
| APO 143976 | Soil | 0.7 | 28.6 | 11.2 | 73 | <0.1 | 45.6 | 16.2 | 224 | 3.42 | 5.6 | 1.4 | 3.7 | 8.0 | 21 | <0.1 | 0.2 | 0.1 | 60 | 0.33 | 0.054 |
| APO 139795 | Soil | 2.7 | 33.7 | 42.7 | 77 | 0.3 | 21.1 | 11.8 | 253 | 3.22 | 15.9 | 1.9 | 8.0 | 6.8 | 26 | 0.3 | 0.7 | 0.3 | 69 | 0.33 | 0.046 |
| APO 138043 | Soil | 1.1 | 56.1 | 15.3 | 59 | <0.1 | 143.5 | 22.6 | 746 | 3.78 | 6.7 | 3.4 | 2.4 | 5.0 | 198 | 0.1 | 0.2 | 0.1 | 85 | 1.56 | 0.128 |
| APO 139800 | Soil | 1.2 | 32.2 | 30.9 | 69 | 0.3 | 29.3 | 12.3 | 258 | 2.92 | 16.3 | 1.5 | 5.4 | 3.2 | 24 | 0.3 | 0.8 | 0.4 | 71 | 0.28 | 0.046 |
| APO 139803 | Soil | 1.4 | 21.4 | 11.4 | 56 | 0.2 | 21.7 | 11.2 | 326 | 3.13 | 12.5 | 1.1 | 2.5 | 3.7 | 21 | <0.1 | 0.9 | 0.2 | 69 | 0.34 | 0.051 |
| APO 139657 | Soil | 0.8 | 47.0 | 8.8 | 56 | <0.1 | 78.9 | 17.3 | 524 | 2.99 | 9.4 | 1.0 | 3.8 | 3.8 | 73 | 0.2 | 0.5 | 0.1 | 87 | 1.28 | 0.081 |
| APO 139801 | Soil | 1.3 | 31.2 | 25.0 | 70 | 0.3 | 30.3 | 13.7 | 461 | 3.06 | 18.4 | 1.2 | 7.0 | 3.4 | 27 | 0.3 | 0.9 | 0.4 | 75 | 0.37 | 0.050 |
| APO 139798 | Soil | 1.6 | 33.7 | 76.7 | 67 | 1.0 | 23.6 | 7.8 | 159 | 3.33 | 23.8 | 1.6 | 22.6 | 3.3 | 26 | 0.3 | 1.1 | 2.1 | 64 | 0.25 | 0.047 |
| APO 139654 | Soil | 1.3 | 55.3 | 10.5 | 56 | <0.1 | 128.1 | 22.3 | 693 | 3.16 | 9.1 | 1.2 | 2.7 | 3.3 | 83 | 0.1 | 0.5 | 0.1 | 85 | 1.10 | 0.080 |
| APO 139438 | Soil | 2.3 | 26.4 | 20.0 | 72 | 0.2 | 39.5 | 16.8 | 1464 | 3.73 | 8.6 | 1.0 | 0.9 | 2.6 | 44 | 0.2 | 0.4 | 0.2 | 106 | 0.53 | 0.035 |
| APO 139797 | Soil | 3.0 | 35.4 | 39.0 | 76 | 0.5 | 19.8 | 9.9 | 242 | 3.31 | 17.3 | 2.8 | 12.3 | 5.4 | 26 | 0.4 | 0.7 | 0.7 | 68 | 0.28 | 0.064 |



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 Report Date: October 19, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

WHI10000488.1

| Method Analyte Unit | MDL | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % |
|---------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|--------|
| Pulp Duplicates | | | | | | | | | | | | | | | | | | | | | |
| APO 145088 | Soil | 0.7 | 12.8 | 5.5 | 52 | <0.1 | 14.4 | 6.5 | 307 | 2.42 | 4.9 | 1.0 | 0.8 | 2.7 | 36 | 0.1 | 0.3 | <0.1 | 0.3 | 0.21 | 0.056 |
| REP APO 145088 | QC | 0.8 | 13.0 | 5.5 | 55 | <0.1 | 14.5 | 7.1 | 333 | 2.62 | 5.3 | 1.0 | 0.6 | 2.8 | 40 | 0.1 | 0.3 | 0.1 | 0.3 | 0.22 | 0.060 |
| APO 138582 | Soil | 1.4 | 26.3 | 11.6 | 45 | <0.1 | 34.7 | 10.8 | 484 | 2.53 | 6.8 | 1.6 | 4.2 | 3.8 | 59 | 0.1 | 0.4 | 0.2 | 0.4 | 0.62 | 0.059 |
| REP APO 138582 | QC | 1.5 | 27.8 | 11.0 | 48 | <0.1 | 37.3 | 12.7 | 529 | 2.69 | 7.0 | 1.6 | 3.6 | 3.8 | 57 | <0.1 | 0.5 | 0.2 | 0.5 | 0.72 | 0.064 |
| APO 138104 | Soil | 5.5 | 41.3 | 75.5 | 166 | 0.3 | 33.6 | 13.1 | 779 | 3.87 | 68.3 | 4.7 | 19.7 | 13.2 | 65 | 0.6 | 2.2 | 0.5 | 2.1 | 0.40 | 0.077 |
| REP APO 138104 | QC | 5.2 | 41.4 | 75.1 | 164 | 0.3 | 32.7 | 12.1 | 780 | 3.85 | 68.3 | 4.8 | 18.5 | 13.4 | 66 | 0.5 | 2.1 | 0.5 | 2.1 | 0.39 | 0.076 |
| APO 139530 | Soil | 1.0 | 17.7 | 7.6 | 94 | <0.1 | 20.0 | 9.8 | 2317 | 2.58 | 4.4 | 0.3 | 1.5 | 1.3 | 29 | 0.5 | 0.4 | 0.2 | 0.4 | 0.31 | 0.033 |
| REP APO 139530 | QC | 1.0 | 17.0 | 7.4 | 95 | <0.1 | 18.3 | 9.9 | 2234 | 2.51 | 4.4 | 0.3 | 2.5 | 1.3 | 28 | 0.5 | 0.4 | 0.1 | 0.4 | 0.30 | 0.034 |
| APO 139527 | Soil | 0.8 | 22.5 | 9.5 | 42 | 0.1 | 20.4 | 9.5 | 375 | 2.36 | 7.1 | 1.0 | 3.7 | 3.8 | 34 | <0.1 | 0.3 | 0.1 | 0.3 | 0.46 | 0.035 |
| REP APO 139527 | QC | 0.8 | 23.1 | 10.0 | 43 | 0.1 | 19.8 | 9.7 | 380 | 2.38 | 7.5 | 1.0 | 1.9 | 3.8 | 35 | <0.1 | 0.3 | 0.1 | 0.3 | 0.46 | 0.035 |
| APO 138103 | Soil | 6.5 | 51.2 | 98.0 | 195 | 0.3 | 38.5 | 15.4 | 903 | 4.44 | 74.5 | 6.4 | 23.9 | 17.9 | 64 | 0.7 | 2.6 | 0.5 | 7.8 | 0.44 | 0.079 |
| REP APO 138103 | QC | 6.2 | 50.5 | 94.1 | 193 | 0.4 | 36.6 | 14.8 | 896 | 4.34 | 71.9 | 6.2 | 24.6 | 17.4 | 62 | 0.5 | 2.5 | 0.5 | 7.7 | 0.43 | 0.080 |
| APO 138110 | Soil | 1.3 | 25.8 | 29.4 | 58 | <0.1 | 38.2 | 11.6 | 316 | 2.88 | 14.3 | 1.0 | 4.8 | 3.1 | 22 | 0.2 | 0.8 | 0.4 | 0.4 | 0.25 | 0.034 |
| REP APO 138110 | QC | 1.2 | 27.2 | 29.4 | 60 | <0.1 | 41.6 | 12.9 | 338 | 3.03 | 15.4 | 1.0 | 5.2 | 3.0 | 23 | 0.2 | 0.8 | 0.4 | 0.4 | 0.26 | 0.036 |
| APO 139660 | Soil | 0.6 | 30.7 | 8.2 | 49 | <0.1 | 76.4 | 17.5 | 867 | 2.34 | 5.0 | 2.1 | 2.0 | 5.4 | 52 | 0.2 | 0.4 | 0.1 | 0.4 | 0.98 | 0.092 |
| REP APO 139660 | QC | 0.6 | 30.1 | 8.0 | 48 | <0.1 | 75.4 | 16.8 | 849 | 2.27 | 5.3 | 2.0 | 1.2 | 5.0 | 51 | 0.2 | 0.4 | 0.1 | 0.4 | 0.97 | 0.094 |
| APO 138043 | Soil | 1.1 | 56.1 | 15.3 | 59 | <0.1 | 143.5 | 22.6 | 746 | 3.78 | 6.7 | 3.4 | 2.4 | 5.0 | 198 | 0.1 | 0.2 | 0.1 | 0.2 | 1.56 | 0.128 |
| REP APO 138043 | QC | 1.2 | 59.8 | 15.1 | 64 | <0.1 | 151.4 | 24.1 | 780 | 3.99 | 8.7 | 3.5 | 3.6 | 5.4 | 205 | 0.2 | 0.3 | 0.1 | 0.3 | 1.64 | 0.131 |
| Reference Materials | | | | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | 19.0 | 106.3 | 60.1 | 395 | 0.9 | 53.3 | 8.7 | 655 | 2.46 | 54.5 | 4.3 | 70.5 | 4.0 | 70 | 6.2 | 5.4 | 4.3 | 7.9 | 0.93 | 0.083 |
| STD DS7 | Standard | 21.6 | 116.2 | 66.2 | 397 | 0.9 | 59.2 | 9.6 | 645 | 2.43 | 51.7 | 4.9 | 62.5 | 4.7 | 79 | 6.0 | 5.7 | 4.3 | 8.9 | 0.99 | 0.079 |
| STD DS7 | Standard | 23.1 | 122.1 | 74.1 | 392 | 1.0 | 62.7 | 10.4 | 629 | 2.39 | 46.0 | 5.3 | 75.3 | 5.2 | 69 | 6.1 | 5.5 | 4.4 | 8.9 | 0.96 | 0.067 |
| STD DS7 | Standard | 22.5 | 123.7 | 72.1 | 400 | 1.0 | 62.9 | 10.7 | 636 | 2.52 | 48.6 | 5.4 | 74.1 | 5.3 | 71 | 5.4 | 5.7 | 4.4 | 9.6 | 0.97 | 0.072 |
| STD DS7 | Standard | 22.0 | 112.7 | 72.0 | 378 | 1.0 | 59.1 | 9.6 | 611 | 2.32 | 48.6 | 5.1 | 68.7 | 5.0 | 68 | 5.6 | 5.6 | 4.3 | 8.7 | 0.92 | 0.066 |
| STD DS7 | Standard | 18.9 | 104.2 | 69.8 | 372 | 0.9 | 50.8 | 8.8 | 597 | 2.28 | 49.7 | 4.9 | 68.3 | 4.7 | 73 | 6.2 | 5.8 | 4.7 | 7.9 | 0.91 | 0.077 |
| STD DS7 Expected | Standard | 20.5 | 109 | 70.6 | 411 | 0.9 | 56 | 9.7 | 627 | 2.39 | 48.2 | 4.9 | 70 | 4.4 | 69 | 6.4 | 4.6 | 4.5 | 8.4 | 0.93 | 0.08 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | 0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 |
| BLK | Blank | <0.1 | <0.1 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <1 | <0.01 | <0.5 | <0.1 | <0.5 | <0.1 | <1 | <0.1 | <0.1 | <0.1 | <2 | <0.01 | <0.001 |

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Page: 1 of 2 **Part** 2

QUALITY CONTROL REPORT

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| Method Analyte Unit MDL | 1DX15 La ppm | 1DX15 Cr ppm | 1DX15 Mg % | 1DX15 Ba ppm | 1DX15 Ti % | 1DX15 B ppm | 1DX15 Al % | 1DX15 Na % | 1DX15 K % | 1DX15 W ppm | 1DX15 Hg ppm | 1DX15 Sc ppm | 1DX15 Ti ppm | 1DX15 S % | 1DX15 Ga ppm | 1DX15 Se ppm | 1DX15 Te ppm | |
|-------------------------|--------------|--------------|------------|--------------|------------|-------------|------------|------------|-----------|-------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|------|
| Pulp Duplicates | | | | | | | | | | | | | | | | | | |
| APO 145088 | Soil | 7 | 24 | 0.37 | 123 | 0.080 | 2 | 1.57 | 0.021 | 0.07 | 0.3 | 0.02 | 1.9 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP APO 145088 | QC | 8 | 26 | 0.40 | 132 | 0.085 | 2 | 1.69 | 0.019 | 0.06 | 0.3 | 0.01 | 2.2 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138582 | Soil | 16 | 47 | 0.53 | 307 | 0.060 | 4 | 1.68 | 0.028 | 0.06 | <0.1 | 0.03 | 4.9 | <0.1 | <0.05 | 5 | 0.5 | <0.2 |
| REP APO 138582 | QC | 15 | 53 | 0.52 | 307 | 0.077 | 4 | 1.71 | 0.029 | 0.06 | 0.1 | 0.03 | 5.6 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| APO 138104 | Soil | 36 | 54 | 0.80 | 170 | 0.100 | 3 | 2.17 | 0.017 | 0.06 | 0.3 | 0.03 | 5.8 | 0.1 | <0.05 | 6 | 0.8 | <0.2 |
| REP APO 138104 | QC | 36 | 53 | 0.78 | 169 | 0.093 | 2 | 2.13 | 0.017 | 0.06 | 0.2 | 0.04 | 5.7 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139530 | Soil | 7 | 29 | 0.36 | 242 | 0.076 | <1 | 1.97 | 0.022 | 0.04 | <0.1 | 0.02 | 2.7 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| REP APO 139530 | QC | 7 | 28 | 0.36 | 238 | 0.079 | 2 | 2.05 | 0.021 | 0.04 | <0.1 | 0.02 | 2.6 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 139527 | Soil | 16 | 35 | 0.45 | 227 | 0.074 | 1 | 1.80 | 0.018 | 0.04 | 0.1 | 0.02 | 4.4 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP APO 139527 | QC | 16 | 35 | 0.45 | 229 | 0.075 | 2 | 1.81 | 0.019 | 0.04 | <0.1 | 0.02 | 4.4 | <0.1 | <0.05 | 6 | <0.5 | <0.2 |
| APO 138103 | Soil | 46 | 63 | 0.90 | 179 | 0.108 | 1 | 2.41 | 0.019 | 0.07 | 0.3 | 0.02 | 6.7 | 0.2 | <0.05 | 8 | <0.5 | 0.2 |
| REP APO 138103 | QC | 44 | 60 | 0.88 | 172 | 0.100 | 2 | 2.31 | 0.017 | 0.07 | 0.2 | 0.03 | 6.3 | 0.1 | <0.05 | 7 | <0.5 | <0.2 |
| APO 138110 | Soil | 11 | 56 | 0.66 | 128 | 0.137 | 2 | 1.72 | 0.014 | 0.05 | 0.2 | 0.02 | 2.8 | 0.2 | <0.05 | 7 | <0.5 | 0.2 |
| REP APO 138110 | QC | 12 | 60 | 0.68 | 133 | 0.143 | 2 | 1.82 | 0.017 | 0.05 | 0.2 | 0.02 | 2.9 | 0.2 | <0.05 | 7 | <0.5 | <0.2 |
| APO 139660 | Soil | 20 | 91 | 1.07 | 175 | 0.086 | <1 | 1.61 | 0.021 | 0.06 | <0.1 | 0.04 | 5.0 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| REP APO 139660 | QC | 20 | 87 | 1.07 | 169 | 0.083 | <1 | 1.56 | 0.016 | 0.06 | <0.1 | 0.04 | 4.7 | <0.1 | <0.05 | 4 | <0.5 | <0.2 |
| APO 138043 | Soil | 17 | 134 | 1.25 | 240 | 0.026 | 4 | 1.74 | 0.022 | 0.12 | <0.1 | 0.02 | 10.7 | <0.1 | <0.05 | 5 | <0.5 | <0.2 |
| REP APO 138043 | QC | 17 | 147 | 1.33 | 246 | 0.040 | 6 | 1.86 | 0.024 | 0.14 | <0.1 | 0.01 | 11.2 | 0.1 | <0.05 | 5 | <0.5 | <0.2 |
| Reference Materials | | | | | | | | | | | | | | | | | | |
| STD DS7 | Standard | 12 | 169 | 1.03 | 389 | 0.121 | 41 | 0.96 | 0.085 | 0.45 | 3.5 | 0.21 | 2.7 | 4.1 | 0.21 | 5 | 3.3 | 1.2 |
| STD DS7 | Standard | 14 | 207 | 1.06 | 395 | 0.148 | 38 | 1.09 | 0.106 | 0.46 | 3.5 | 0.20 | 2.8 | 3.9 | 0.21 | 5 | 3.2 | 0.9 |
| STD DS7 | Standard | 14 | 235 | 1.05 | 361 | 0.144 | 38 | 1.04 | 0.088 | 0.48 | 3.6 | 0.24 | 2.7 | 4.0 | 0.17 | 5 | 3.0 | 1.1 |
| STD DS7 | Standard | 14 | 234 | 1.08 | 391 | 0.149 | 39 | 1.03 | 0.095 | 0.48 | 3.9 | 0.22 | 2.6 | 4.1 | 0.22 | 5 | 3.1 | 1.7 |
| STD DS7 | Standard | 13 | 212 | 1.03 | 370 | 0.140 | 39 | 1.00 | 0.097 | 0.46 | 3.5 | 0.22 | 2.5 | 4.0 | 0.22 | 5 | 2.5 | 0.5 |
| STD DS7 | Standard | 13 | 190 | 1.00 | 391 | 0.116 | 39 | 0.93 | 0.094 | 0.46 | 3.5 | 0.21 | 2.4 | 4.0 | 0.21 | 4 | 2.8 | 1.8 |
| STD DS7 Expected | Standard | 12 | 179 | 1.05 | 410 | 0.124 | 39 | 0.959 | 0.089 | 0.44 | 3.4 | 0.2 | 2.5 | 4.2 | 0.19 | 5 | 3.5 | 1.08 |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | |
| BLK | Blank | <1 | <1 | <0.01 | <1 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | |

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



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Project: APO
Report Date: October 19, 2010

Page: 2 of 2 **Part** 2

QUALITY CONTROL REPORT

WHI10000488.1

| | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 | 1DX15 |
|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Hg | Sc | Tl | S | Ga | Se | Te | | | |
| | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | | | |
| BLK | <1 | <1 | 0.01 | 1 | 0.001 | 1 | 0.01 | 0.001 | 0.01 | 0.1 | 0.01 | 0.1 | 0.1 | 0.05 | 1 | 0.5 | 0.2 | | | |
| Blank | <1 | <0.01 | <1 | <0.01 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | |
| Blank | <1 | <0.01 | <1 | <0.01 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | |
| Blank | <1 | <0.01 | <1 | <0.01 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | |
| Blank | <1 | <0.01 | <1 | <0.01 | <0.001 | <1 | <0.01 | <0.001 | <0.01 | <0.1 | <0.01 | <0.1 | <0.1 | <0.05 | <1 | <0.5 | <0.2 | | | |

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

Appendix 4
Claim Listing

| | | |
|----------|---------------------------|--------------------|
| YD120066 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120067 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120068 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120069 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120070 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120071 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120072 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120073 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120074 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120075 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120076 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120077 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120078 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120079 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120080 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120081 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120082 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |
| YD120083 | Kaminak Gold Corp. - 100% | Kaminak Gold Corp. |