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Assessment Report

On the

Manitou Gold Inc.

Kenwest Property

2010 Summer Diamond Drill Program

Kenora Mining Division,

Northwestern Ontario

NTS 52F/07

Tamara Taras May 12, 2012

Summary

The Kenwest Property is located in northwestern Ontario, Canada, approximately 50 km south of the town of Dryden. It is within the Boyer Lake Area, N.T.S. Sheet 52F/07 NE., at an approximate UTM location of 521746E 5475459N (UTM Nad83 Zone15U). The Kenwest Property is composed of 32 patented mining claims and is accessible by an ATV trail which branches off of highway 502 south from Dryden.

The Kenwest Property is located within a historic area known as the Goldrock Mining Camp. The Camp hosts three past producing gold mines which operated in the first quarter of the 20th century, as well as numerous gold showings, deposits, and prospects. One of the past producing mines, the Big Master Mine is located on the Kenwest Property. Gold exploration began around the Upper Manitou Lake area in the 1890's and has continued sporadically through to the present day. Gold prospecting was very active from 1895 to 1912 and again in the 1930's. The area experienced a period of exploration in the 1950's, 60's and 70's. Total production in the camp, from the three mines, amounts to approximately 376.4 kilograms of gold derived from 43,627 tonnes in the period 1900 to 1943.

Records of work prior to 1970 on the properties are incomplete. The Kenwest Property, previously owned by Gold Corp. Ltd., contains the historic Big Master Mine (Kenwest Mine), the Helena Mine, the Paymaster, the Selby Lake Deposit, and the Gold Rock occurrence. The Big Master was mined from 1902 to 1903, in 1905, and again from 1942 to 1943. It produced a total of 2,565 ounces of gold, from 14,470 tons containing 0.18 oz/t Au.

The Property is situated in the northwestern corner of the Wabigoon granite-greenstone sub-Province. The area is within the middle of the Eagle-Manitou Lakes greenstone belt, and is located mostly on the northwestern side of the southeast dipping Manitou Straits Fault. The property lies mostly within the stratigraphically lower calc-alkaline, predominantly pyroclastic volcanics of the Upper Manitou Lake Group. Part of the Kenwest property contains a sequence of mafic to intermediate volcanic flows and pyroclastics of the Benson Bay Sub-group of the Pincher Lake Group Rocks. The claims are positioned on the southeast side of the Manitou anticline, adjacent to the Manitou Straits Fault. Diabase dikes of Mesoproterozoic age intrude the entire supracrustal sequence of rocks

Following an initial prospecting program in 2009 by Manitou Gold, a subsequent follow-up diamond drill program totaling 4774.8 metres was carried out in the summer of 2010. Particular focus was given to surface gold showings at the historical Big Master, Helena, Gold Rock Occurrence and Selby Areas, however, additional IP targets were also tested.

The first pass diamond drill program completed in the summer of 2010 was successful in confirming anomalous to high grade gold mineralization in previously explored areas, as well as identifying new targets for future exploration. Additional work is recommended in order to further evaluate the Kenwest Property. Exploration work should consist of additional prospecting, geological mapping, mechanical trenching and further diamond drilling

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1.0 Introduction

In May of 2009, Manitou Gold obtained the Kenwest Property from Gold Corp. and performed an initial exploration program consisting of prospecting and geological mapping in the summer of 2009. Following this prospecting program on the Kenwest Property ("the Property") in summer of 2010 an exploration program consisting of diamond drilling was performed in the Dryden Area of Northwestern Ontario (Figure 1.1) by Manitou Gold Inc. ("Manitou Gold"). The work was designed as an evaluation of surface gold showings identified during the 2009 prospecting program. The Kenwest Property is composed of 32 patented mining claims, and it separates two blocks of the Canamerica Property, known as the Canamerica main block and the Canamerica 502 Block. Diamond drilling on the Kenwest Property extended from May 15, 2010 to July 5, 2010. A total of 4774.8 metres of diamond drilling were completed in 24 drill holes on various locations across the property. All samples collected from drill core were analyzed by fire assay for Au in g/t by ALS Chemex.

This report documents the work that was undertaken and the results obtained from this exploration program. Work on the property was carried out by several geologists under the supervision of Todd Keast, P.Geo, President of Manitou Gold Inc. T. Taras is responsible for the preparation of this report. Figures, maps and drill sections were completed by K. Kettles, M. Roberts and T. Taras.

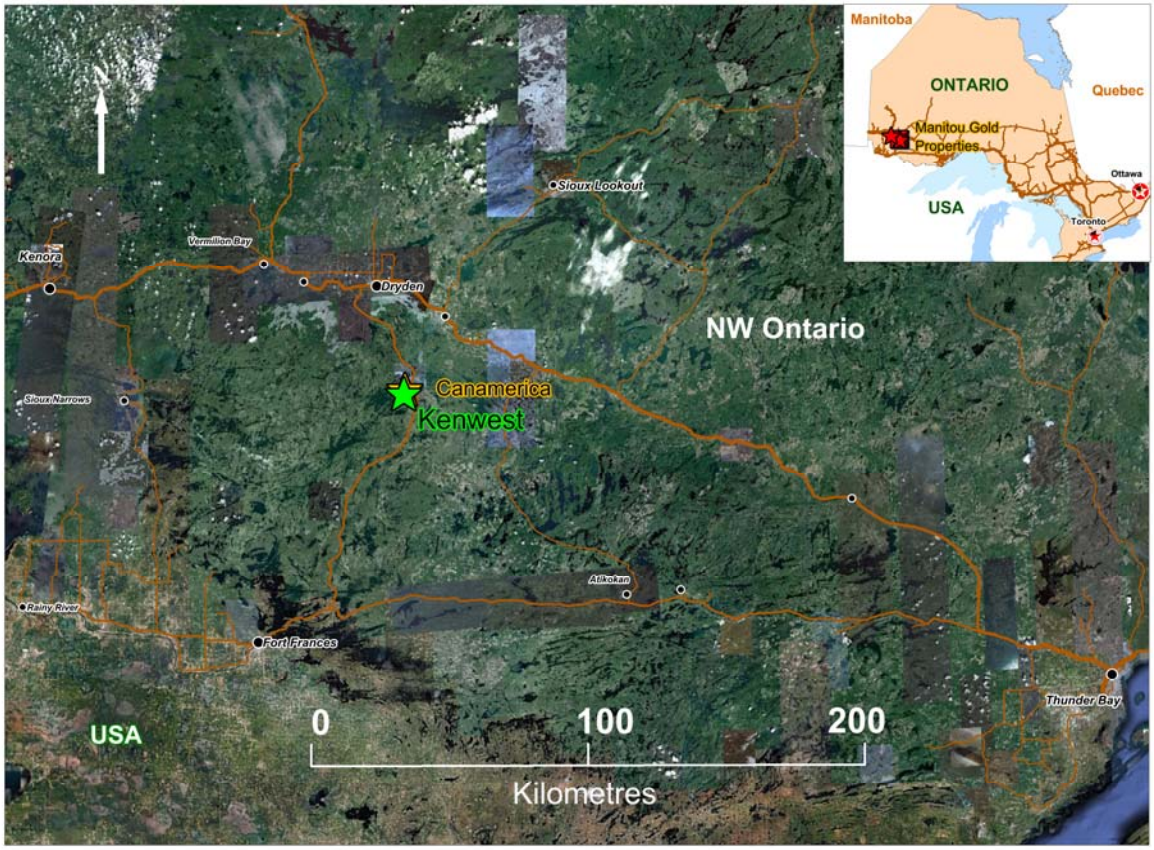

Figure 1.1: Location of Manitou Kenwest Property

2.0 Property Description, Location and Access

The Kenwest Property of Manitou Gold Inc. consists of 32 patented mining claims, which include 10 mining licenses of occupation (MLO), all currently held 100% by Manitou Gold. They are all located within Boyer Lake Area (Plan G-2572) of Northwestern Ontario. Table 2.1 outlines the patents, their general information, and their size.

The Property is situated in the Boyer Lake Area (Plan G-2572) of the Kenora Mining Division; N.T.S. 52F/07 NE., at an approximate Longitude of 92°41'59''W and Latitude of 49°25'53''N, and at UTM 521764 E and 5475459N (NAD 83 Zone 15). The claims on the property are contiguous with Manitou Gold's Canamerica Main Block Property (Figure 2.1). The diamond drilling extended over eight of the patents comprising the property. A detailed description of the property claims is included in Table 2.1

The Kenwest Property is located in the Kenora mining division and is approximately 50 km south of the city of Dryden on the northeastern end of Upper Manitou Lake (Figure 1.1). The Property is accessed from Dryden by travelling 6 km west on highway 594, then turning south onto highway 502. Travel highway 502 for approximately 50 km, at which point an ATV trail branches off of the highway, to the west. The trail heads southwest, along the west side of Mud Lake. At a distance of 5.09 km along the trail the main branch continues west to the historic town of Gold Rock, while the south branch accesses the Kenwest Property (Figure 2.1). Other access to the southern or western part of the property would be by boat, float plane, or helicopter.

Table 2.1: Kenwest Patents

Claim	Parcel No (all followed by SEC DKF)	Pin No	Township/Area	Type	MLO No.
HP366	5604	42185-0634	Boyer Lake	Patent	
HP367	5605	42185-0635	Boyer Lake	Patent	
HP368	5605	42185-0635	Boyer Lake	Patent	
HP369	5605	42185-0635	Boyer Lake	Patent	
HP373	5605	42185-0636	Boyer Lake	Patent	
HP405	10398	42185-0678	Boyer Lake	Patent	
K4631	19183	42185-0648	Boyer Lake	MLO, Patent	12190
K4632	19184	42185-0649	Boyer Lake	MLO, Patent	12190
K4633	19185	42185-0650	Boyer Lake	Patent	
K4713	19414	42185-0664	Boyer Lake	MLO, Patent	12216
K4714	19186	42185-0651	Boyer Lake	MLO, Patent	12184
K4715	19187	42185-0652	Boyer Lake	Patent	
K4716	19188	42185-0653	Boyer Lake	Patent	
K4717	19189	42185-0654	Boyer Lake	Patent	
K4718	19190	42185-0655	Boyer Lake	MLO, Patent	12187
K4881	19191	42185-0656	Boyer Lake	MLO, Patent	12185
K4882	19192	42185-0657	Boyer Lake	MLO, Patent	12185
K4883	19193	42185-0658	Boyer Lake	MLO, Patent	12185
K5116	19194	42185-0659	Boyer Lake	Patent	
K5117	19758	42185-0666	Boyer Lake	MLO, Patent	12314
K5118	19759	42185-0667	Boyer Lake	Patent	
K5119	19760	42185-0668	Boyer Lake	Patent	
K5120	19761	42185-0669	Boyer Lake	MLO, Patent	12314
K5121	19762	42185-0670	Boyer Lake	MLO, Patent	12314
K5122	19763	42185-0671	Boyer Lake	MLO, Patent	12314
K5123	19415	42185-0665	Boyer Lake	MLO, Patent	12215
K5124	19764	42185-0672	Boyer Lake	Patent	
K5125	19195	42185-0660	Boyer Lake	MLO, Patent	12189
K5126			Boyer Lake	MLO	12314
K5127	19196	42185-0661	Boyer Lake	MLO, Patent	12188
K5128	19765	42185-0673	Boyer Lake	MLO, Patent	12314
K5129	19197	42185-0662	Boyer Lake	MLO, Patent	12186
K5130	19197	42185-0663	Boyer Lake	MLO, Patent	12186
K5131	21183	42185-0681	Boyer Lake	Patent	
S25 (K918&K919)	9856	42185-0677	Boyer Lake	Patent	

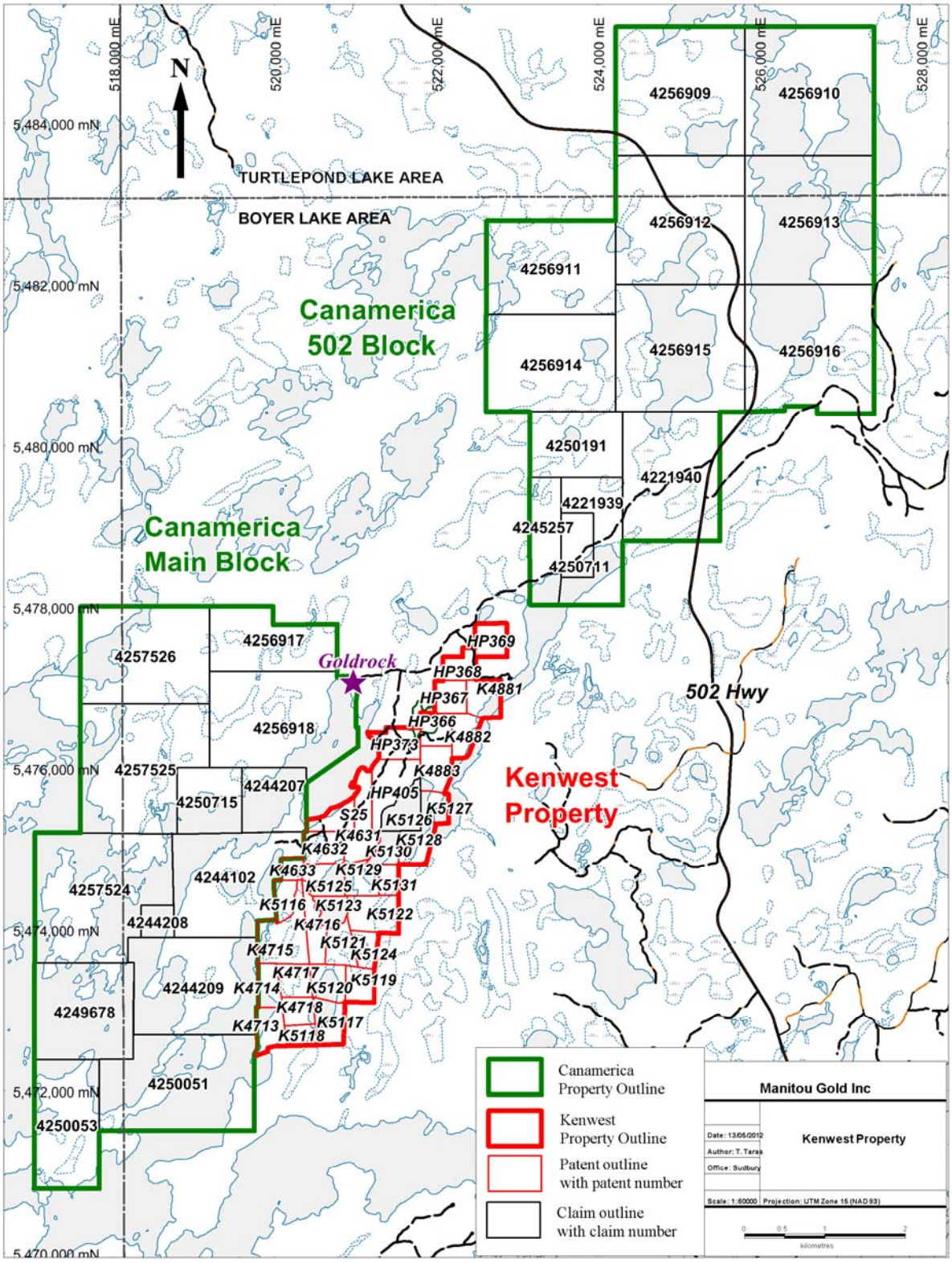

Figure 2.1: Claim Map, Kenwest Property

3.0 Climate, Local Resources, Infrastructure and Physiography

The climate of the Dryden – Manitou Lake area is typically continental in nature, with cold winters (-1°C to -30°C) and warm summers (10°C to 25° C.). Annual precipitation averages 685 mm, about half in the form of snow. Seasonal variations affect exploration to some extent (geological mapping cannot be done in the winter, geophysics and drilling are best done at certain times of the year, etc.), but the climate will not significantly hamper mining operations.

The settlements of Dryden and Fort Frances are relatively close; these all have the necessary equipment and trained personnel to support exploration and mining activities. The property has very good access to infrastructure, as it is located approximately 50 km south of the trans-Canada Highway. The mineral rights held by Manitou Gold give them the right to mine ore discovered on their property, subject to a 400' surface rights reservation around all lakes and rivers, and a 300' surface reservation around major roads (this may be waived by the Crown).

The property has a gently rolling to locally rugged topography with maximum relief on the order of 100 m. Much of the region has been logged so present forests are typically second growth; mixtures of jack pine, spruce, birch and poplar are common.

4.0 History

Earliest exploration in the Upper Manitou Lake area is known from the 1890's and has continued sporadically through to the present day. Gold prospecting was very active from 1895 to 1912 and again in the 1930's as represented by the many pits, trenches and small shafts throughout the area. The town of Gold Rock, at the north end of Trafalgar Bay in the northeast corner of Upper Manitou Lake, developed in response to this early exploration period and most of the patented claims in this area date back to these time periods. The three producing gold mines in this area (the Laurentian, the Jubilee and the Big Master mines) were active during one or the other of these time periods and produced a total of 12,078 ounces gold and 480 ounces silver between 1900 and 1948 (Blackburn, 1981). The Laurentian and the Jubilee Mines (known as the Elora Mine) are located on the Seafield Resources Inc. Elora Property, while the Big Master Mine is located on the Kenwest Property. Other developed gold occurrences present on the Kenwest Property include the Paymaster Prospect, the Selby Lake Deposit, the Helena Occurrence, and the Gold Rock Prospect. The Selby Lake Deposit, on the Kenwest patented claim S25, had underground development during the late 1930's, but no production. Several other properties in the area were explored by shallow shafts.

There have been several periods of exploration activity in the general area of the claims. The history of gold occurrences within the property boundary date back at least to the first geological survey in the area (McInnes, 1902). Historical fieldwork was performed between 1896 and 1898. Government work in the form of geological mapping was carried out by the Ontario Department of Mines in 1933 (Thomson, 1933) and by the Ontario Geological Survey by C. Blackburn in 1979 (Blackburn, 1979, 1981). Airborne magnetic and electromagnetic surveys

were completed over the area in 1980 and 2001 (OGS 1980, 2001). The following is a summary of exploration work carried out over various prospects on the current Kenwest Property.

The Kenwest Property, previously owned by Gold Corp. Ltd. (Figure 4.1) contains the historic Big Master Mine (Kenwest Mine), which was mined from 1902 to 1903, in 1905, and again from 1942 to 1943. It produced a total of 2,565 ounces of gold, from 14,470 tons containing 0.18 oz/t Au. A total of 3 shafts were developed, the largest going down to 638 feet, with 4,850 feet of lateral development. During this time period, 36,831 feet of underground drilling was completed. Five quartz veins were located on the property, the most productive being the west or No. 3 vein (renamed the #1 zone by Manitou Gold) and the east or No. 4 Vein (renamed the #2 zone by Manitou Gold) (Blackburn, 1981). The No. 3 vein was mainly quartz, while the No. 4 and No. 5 veins consisted of felsite dikes containing quartz stringer and pyrite mineralization (Thomson, 1943). The Helena Shaft (mentioned above) was located over the No. 2 and 3 Veins. The property was re-evaluated in 1967 by Kenwest Mines (at the time owned by Dickenson Mines), who outlined historic probable reserves of 30,000 T of 0.36 oz/t Au from drilling (Blackburn, 1981). As well, at this time they evaluated the amount of gold left in the mine, and indicated that 19,000 T of 0.3 oz/t Au was left in old workings (Blackburn, 1982). None of the reserves mentioned above are NI 43-101 compliant.

The Paymaster (Figure 4.1) was initially developed by Northern Development Co. in 1903. Work included sinking a shaft to 99 m on two northeast trending quartz veins which were 9 m apart on surface (Blackburn, 1981). Work by this company ceased in 1909. In 1935 this prospect was held by Big Master Consolidated Gold Mines Limited, and included the claims around the Big Master Mine. No further work was done by this or succeeding companies.

Two shafts were sunk on the Selby Lake Deposit (Figure 4.1) in 1904 by the Gold Rock Mining and Milling Co. (Thomson, 1942). The prospect was then acquired by Selby Lake Mines Ltd. in 1936 and another shaft was sunk to a depth of 46 m with two levels at 38.1 m and 76 m. Kenwest Gold Mines ltd. bought the property in 1939, no further work was reported.

The Gold Rock occurrence (Figure 4.1) was developed by Gold Rock Mining and Milling Co. in 1904, they sunk two shafts on this occurrence (Blackburn, 1981). This property was subsequently acquired by Kenwest Gold Mines Ltd. in 1939, but no further work was done on the prospect following the acquisition.

Work performed later than 1975 on any of these occurrences noted above are not reported, as they are covered by patents.\

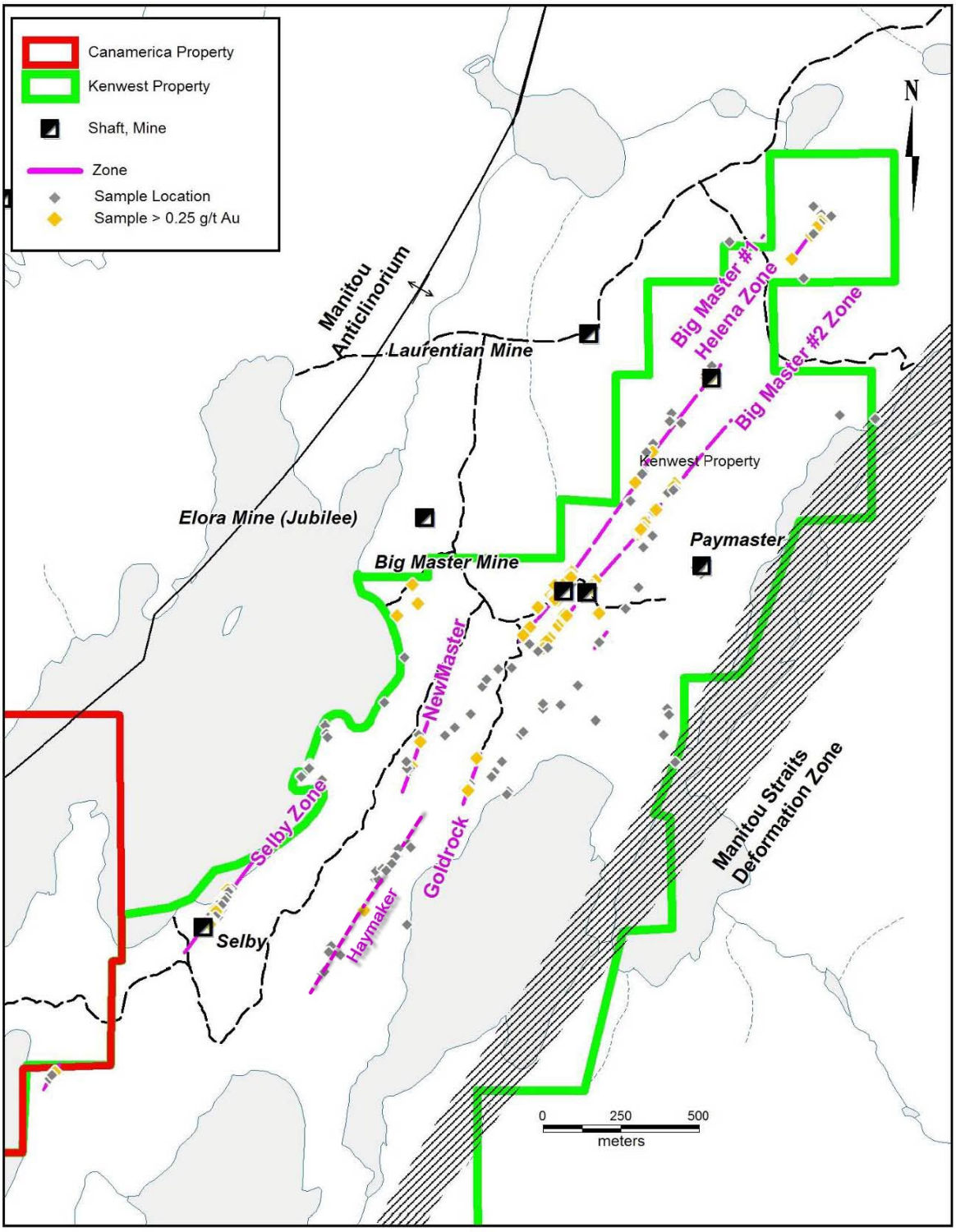

Figure 4.1: Location of gold occurrences on the Kenwest Property, showing 2009 grab sample locations

5.0 Geological Setting

5.1 Regional Geology

The Manitou Lakes area was regionally mapped by Thomson in 1932 (Thomson, 1934) and in more detail by the OGS in 1973 (Blackburn, 1979). The following regional description is summarized from this more recent report, "The Geology of the Upper Manitou Lakes Area" (Blackburn, 1979) and the Open file report 5723 "Geology, Gold Mineralization and Property Visits in the Area Investigated by the Dryden - Ignace Economic Geologist, 1984-1987" (Parker, 1989).

The Kenwest Property and surrounding area is located in the northwestern corner of the Wabigoon sub-province of the Superior Province in the Canadian Shield. The sub-province contains several Archean greenstone belts, of which the Eagle-Manitou Lakes greenstone belt (metavolcanic-metasedimentary belt) is pertinent to this report. This greenstone belt trends northeast, is Archean in age, and is bounded by younger Archean granitoid intrusives; to the northwest by the Atikwa granitoid batholith and on the southeast by the Irene-Eltrut Lakes batholith, and the Meggisi granitoid pluton. The greenstone belt consists mainly of a thick sequence of mafic to felsic flows and pyroclastic rocks with minor volcaniclastic rocks and a sequence of sedimentary rocks with lesser mafic to felsic stocks and sills. The northeast-trending, steeply southeast-dipping Manitou Straits Fault ("MSF") has been mapped through the centre of the western portion of the belt for approximately 50 km., and bisects the greenstone belt. It is located just to the east of Upper Manitou Lake, and passes through the eastern portions of the Kenwest Property. This fault is also considered to be the eastern extension of the Pipestone-Cameron Fault, located on the southwestern side of the Atikwa batholith (Figure 5.1). Immediately to the west of the Manitou Straits Fault is the sub-parallel Manitou Anticline, which has been traced for approximately 30 km through the Manitou Lakes are.

The rocks northwest of the Manitou Straits Fault, which encompass the property, are a mixed sequence of coarse pyroclastic rocks and mafic flows with minor felsic flows which pass upward into a thick sequence of mafic flows and pyroclastic rocks, and intermediate pyroclastic rocks. These metavolcanics have been folded tightly about the north-easterly-trending Manitou Anticline whose limbs and axial plane dip steeply to the southeast (Blackburn, 1982).

The Manitou Straits Fault (Figure 5.1) is marked by a barren zone of fissile schist from 100 metres to 400 metres wide. On either side of the fault, country rock has been strongly sheared over distances of up to 400 metres from the fault, though this effect is more strongly developed northwest of the fault (Blackburn, 1979). This deformation zone northwest of the Manitou Straits Fault is 25 km long and 2 to 5 km in width and hosts the majority of the known gold occurrences (Cullen and Clark, 2007). As well, in this area felsite units or felsic dikes are more prominent, often associated with the gold mineralization. It should be noted that the felsic dikes, termed "felsites" are considered to be felsic volcanics by Blackburn (1982), although

recent workers have indicated that they are felsic dikes (Cullen and Clark, 2007; Redden, 1996).

Other major schist zones have been noted in the area, and also are related to folding and faulting paralleling the trend of the synclinorium. These zones of weakness have been the focus of late stage (Kenoran) felsic diking, further transcurrent faulting, and have acted as conduits for hydrothermal fluids which have produced intense hydrothermal alteration. Gold deposits in the Manitou Lakes area are closely related to these major structures (Fox, 1987).

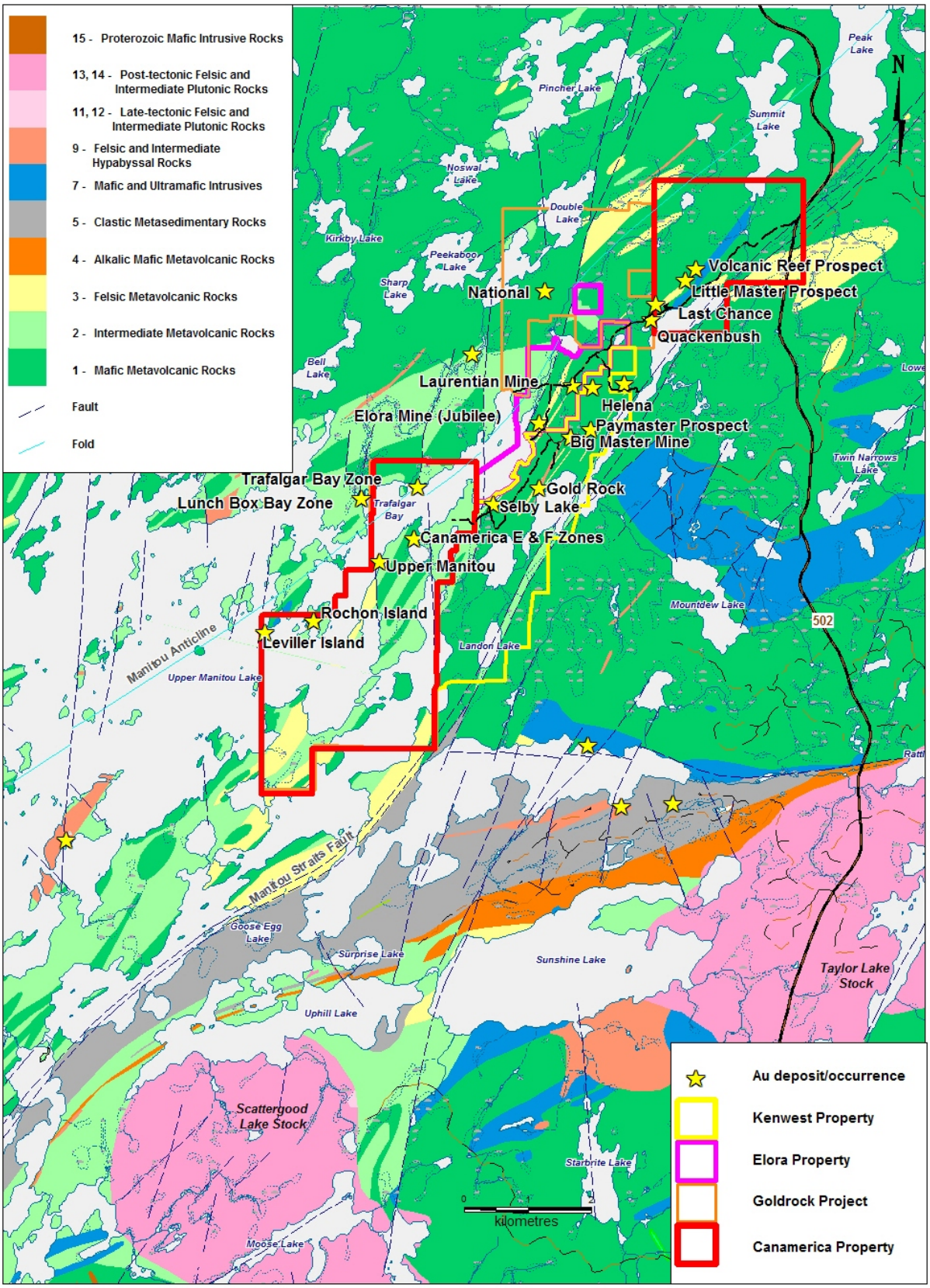

Figure 5.1: Regional Geology of the Kenwest Property

5.2 Property Geology

The Kenwest property is underlain by a sequence of mafic to intermediate volcanic flows and pyroclastics of the Benson Bay Sub-group of the Pincher Lake Group Rocks. Volcanic units are intruded by felsic dykes. The former mines and all significant gold prospects and producers northwest of the Manitou Strait Fault are confined to two stratigraphic zones: a sequence of felsic metavolcanics (Upper Manitou Lake group and lower part of the Pincher Lake group) hosting the deposits at Gold Rock and Upper Manitou Lake and subjacent mafic metavolcanics (Blanchard Lake group) hosting deposits between Manitou Island and Rector Lake (Blackburn, 1982).

The Kenwest Property is underlain by a sequence of northeast striking, steeply southeast dipping mafic metavolcanics intercalated with intermediate pyroclastic rocks and felsitic units (Blackburn, 1981). The mafic metavolcanic rocks have been divided by Blackburn (1981) into five different types: massive flow rocks; pillowed flow rocks, brecciated and pillowed flow rocks; feldspar-phyric flow rocks; and carbonated mafic rocks. They appear in an alternating sequence of three basic facies: massive; pillowed and brecciated; and porphyritic (Blackburn, 1981). Intermediate pyroclastic rocks underlying the Kenwest property range from tuff-breccia to tuff. Most of these pyroclastic rocks are coarse-grained, with felsic clasts averaging approximately 15 cm long, contained within a chloritic, tuffaceous matrix (Blackburn, 1981). Intermediate lapilli-tuffs appear to correlate with those present on the CanAmerica Property (Blackburn, 1981). Felsic units, referred to as felsites and mapped as rhyolites by Blackburn (1981), are considered to be felsite dykes by Thomson (1933). Their contacts are sharp with no evidence of chilled margins, although due to the aphanitic nature of these units, the interpretation that they are intrusive remains controversial. Manitou Gold Inc. considers them to be intrusive.

Rock units encountered on the Property include mafic to intermediate lapilli tuffs and fine tuffs, massive or pillowed mafic volcanic flows, chloritic schists, chlorite sericite schists, fine-grained felsic dikes, and feldspar porphyry dikes. The dikes are variably altered; contain quartz veins, veinlets, and quartz stockwork veins. The dikes are thought to provide a rheological contrast conducive to the formation of open spaces within the shear zones (Parker, 1989). Some of the dikes have associated shearing in which the rock has been sericitized and/or chloritized and carbonatized. Trends of the dikes range from 15° to 45° degrees, and they dip from 70° to 80° degrees to the southeast. Foliations range from moderate to strong, trend 50° to 60° degrees, and dip steeply to vertically southeast. Two main trends for shearing are from 30° to 35° degrees and from 50° to 60° degrees. Gold mineralization is predominately associated with sheared and altered mafic volcanic rocks, but also with silicified felsic dikes, with quartz veins within the dikes, with the dike contacts, and with the foliated rocks along the contacts with the dikes.

6.0 Mineralization and Model

The Manitou Lakes area has been the scene of mining exploration for almost a hundred years. In this time numerous gold prospects have been discovered. Gold occurrences in the area are variously in quartz veins, shears, and sulphide zones. Mineralization associated with the gold occurrences is pyrite, chalcopyrite, pyrrhotite, sphalerite, and galena/telluride. Alteration products include iron carbonate, chlorite, calcite, sericite, silica, and anthophyllite (Delisle 1990).

Gold deposits in the area are typical of Archean lode-gold deposits, and work by the OGS has indicated that almost all of the gold deposits in the Manitou Lakes area are controlled by shear and fracture zones which appear to be regionally related to movement along the Manitou Straits Fault. Gold-bearing quartz veins are commonly controlled by northeast- and east-trending shear zones which may be secondary shear bands subparallel to the shear boundaries of the Manitou Straits Fault. Most of the shearing and fracturing was developed after the emplacement of the Atikwa Batholith. However, there are other occurrences of gold mineralization that appear to be stratigraphically controlled, and possibly genetically related to volcanism (Parker, 1989).

Gold-bearing quartz veins are the most common type of mineralization in the area. The veins have wispy to well-layered “crack-seal” textures, with sericite, chlorite, ferroan carbonate, 1-5% sulphides, and occasionally tourmaline along the selvedges. Gold is concentrated in the “crack-seal” fractures and in selvedges along the quartz vein margins. Calcite filled fractures within quartz veins also carry gold. Narrow gold-bearing semi-massive sulphide filled fractures within fissile zones also contain significant gold values. Pervasive ferroan carbonate alteration, disseminated sulphides, and very small barren quartz veinlets characterize the fissile zones. Sulphides are predominantly pyrite and pyrrhotite with variable amounts of chalcopyrite.

Davis and Smith (1991) indicate that the gold occurring in faults, shears, and tension veins developed in response to a late Archean northwest-directed contraction and emplacement of contemporaneous plutons, such as the Atikwa Batholith. Their work indicated that gold mineralization was closely linked in time to the emplacement of late intrusions and was likely a short-lived event that occurred at about 2709 Ma.

The Kenwest Property is located southeast of the Atikwa Batholith, northwest of the Miggisi Pluton and is proximal to the Manitou Anticline and the Manitou Straits Fault. There is excellent potential for gold mineralization in quartz veins related to shearing and fracturing caused by the emplacement of a late pluton.

7.0 Current Program

From May 15, 2010 to July 5, 2010 an initial diamond drill program was carried out in the Dryden –Manitou Lake area of northwestern Ontario (Figure 1.1) by Manitou Gold. A total of 4774.8 metres of diamond drilling was completed in twenty four holes on the Kenwest Property. All samples collected from drill core were submitted to ALS Chemex Laboratory for analysis. Program planning and supervision was provided by Todd Keast, P. Geo. The report writing was completed by Tamara Taras. Maps, figures and drill sections included in the report were completed by Karen Kettles, Mike Roberts and Tamara Taras.

The work was designed as an exploration program to investigate the gold-bearing quartz vein occurrences on the Kenwest Property as well as to test IP anomalies identified by a geophysical survey completed over the property by Manitou Gold. The diamond drilling focused on several historical gold showings confirmed by Manitou Gold in 2009, these include the Big Master #1 and #2, Helena, GROC, Haymaker and Selby Zones. The purpose of the drill program was to confirm the presence and nature of the showings, to test their down-dip and strike extents, and to aid in prioritizing areas for further exploration.

This report documents the work that was undertaken and the results obtained from this exploration program.

7.1 Sample Collection, Preparation, Analysis, and Security

Core recovered from drilling is placed in clean wooden core boxes and labeled and sealed for transfer to the core logging facility. Upon delivery of core boxes to the core facility, the drill core was logged by the geologist. The description procedure involves collecting information about colour, lithology, alteration, structure and mineralization. Sampling intervals were marked by the geologist depending on lithology, mineralization, veining, and alteration. Sections of the core identified for analysis were tagged with weather resistant sample tags with a unique number. Samples were split with a hydraulic core splitter with one half of the sample going into a clean plastic bag with the corresponding sample number tag and the other half of the sample was returned to the core tray with a sample number tag as a permanent core record. Sample bags were tied securely and placed in bags for transport to the sample preparation facility. In conducting the exploration work set out above, Manitou Gold Inc. maintained all samples within its possession until transport to the laboratory.

Samples were analyzed by ALS Chemex, an ISO 9001:2000 accredited company with a worldwide chain of laboratories. The Corporation delivered the samples to ALS's sample preparation facility in Thunder Bay. Samples were dried, crushed to #10 mesh (<2 mm), and then a 250 g split was pulverized to 75 microns. 100 g of pulverized material was then sent to ALS's analytical facility in Vancouver, British Columbia. Gold was analyzed by fire assay with an AAS finish, using 30 g samples. ALS has an internal QA/QC procedure of regularly re-analyzing selected samples, as well as inserting internal standards and blanks.

Manitou Gold Inc. conducted an external analytical quality control measure to monitor the reliability of the assaying and results delivered by ALS. External control samples (blank and certified reference material sample) were inserted at a rate varying between five and eight percent within each batch of samples submitted for preparation and assaying.

8.0 Results

From May 15, 2010 to July 5, 2010 Manitou Gold completed a first pass diamond drill exploration program on previously identified gold showings on the Kenwest Property. This diamond drill program consisted of twenty-four holes totalling 4774.8 m on various gold zones across the property (Figure 8.1 and Figure 8.2). This diamond drill program was part of an initial evaluation to test the down-dip and strike extent of some of the surface gold showings identified previously and during the 2009 prospecting program completed by Manitou Gold Inc. In addition to testing surface gold showings, IP anomalies identified by Manitou Gold's 2010 geophysical survey were also tested during this drill program. The details of the drill holes are shown in Table 8.1, and highlights of gold intersections can be found in Table 8.2. Diamond drill logs of all holes can be found in Appendix I and cross-sections of the twenty-four drill holes are located in Appendix II. Drill hole location plans are presented in Figures 8.1 and 8.2 as well as in the back pocket map. Assay certificates for all twenty four drill holes can be found in Appendix III.

The twenty-four hole diamond drill program confirmed the down-dip and strike continuity of shear structures related to high grade gold mineralization within a number of the targets generated by the 2009 prospecting program as well as within previously untested targets. Gold-bearing mineralization was encountered in quartz veins of varying size contained within a variably sheared and silicified mafic volcanic unit, or chlorite schist with associated pervasive carbonate alteration. The sheared and altered chlorite schist contained variably amounts of quartz veins and sulphides. Further work is needed to test the continuity and extent of these gold bearing zones. The following Figures 8.1 and 8.2 locate the drill holes.

Table 8.1: Manitou Gold 2010 summer diamond drill program on the Kenwest Project

Hole Number	*Azimuth*	*Dip*	*Length (m)*	*Easting*	*Northing*	*Target*	*Claim/Patent*
KW-10-01	315	-45	180	521849	5476292	BM #1 & #2	HP366
KW-10-02	308	-44	99	521881	5476432	BM #1	HP366
KW-10-03	312	-43.5	117	521901.3	5476416	BM #1	HP366
KW-10-04	315	-65	177	521902.2	5476415	BM #1	HP366
KW-10-05	310	-53.7	249	521963.2	5476372	BM #1 & #2	HP366
KW-10-06	308	-44	201	522208.6	5476353	Test IP	K4882
KW-10-07	297	-44.5	150	522119.1	5476444	Test IP	HP366
KW-10-08	308	-44	174	522377.8	5476457	Test IP and Paymaster	K4882
KW-10-09	316	-44	285	522293.6	5476547	Test IP	K4882
KW-10-10*	316	-55	279	522112	5476600	BM #2 / #1	HP366
KW-10-11	320	-54.5	129	522094.9	5476759	BM #1	HP367
KW-10-12	320	-44	237	522179	5476669	BM #2	HP366
KW-10-13	319	-46	216	522279.4	5476892	Helena (BM #1)	HP367
KW-10-14	315	-45	306	522344.3	5476832	Helena (BM #1)	HP367
KW-10-15	318	-44	189	522418.5	5477041	Helena (BM #1)	K4881
KW-10-16	134	-44	159	521424.9	5475723	GROC	HP405
KW-10-17	314	-44	192	521383.3	5475773	Drill BL/L42 historic pits	HP405
KW-10-18	316	-44	192	521278.4	5475451	Haymaker	HP405
KW-10-19	315	-45	192	521172.9	5475268	SE of Haymaker	K918
KW-10-20	316	-43.4	237	520685.1	5475184	IP SW of Selby	K4632
KW-10-21	316	-44	154.8	520753.5	5475252	Selby	K919
KW-10-22	318	-60	282	520754	5475252	Selby	K919
KW-10-23	318	-44	207	520824.6	5475325	Selby	K919
KW-10-24	318	-43	171	520836.1	5475035	Selby	K4632
TOTAL			**4774.8**				

*Drill hole KW-10-10 was originally drilled 96 m in 2010 to test only the BM #2 trend, and was extended in January, 2011 to a final depth of 279 m to also test the BM #1 trend.

The Kenwest Property contains the historic Big Master Mine (Kenwest Mine), which was mined from 1902 to 1903, in 1905, and again from 1942 to 1943. Five parallel trending quartz veins were historically recorded on the property (Blackburn, 1981), the most productive being the west or No. 3 vein (renamed by and herein referred to as, the #1 zone by Manitou Gold) and the east or No. 4 Vein (renamed by and herein referred to as, the #2 zone by Manitou Gold. Due to the presence of multiple parallel trending mineralized shear zones, some drill holes intersected multiple mineralized structures. Eight diamond drill holes were drilled on the down dip and strike extensions of the #1 and #2 shear zones. Drill holes KW-10-01 (Section 4900N), KW-10-05 (Section 5035N) and KW-10-10[1] (Section 5300N) tested both the #1 and #2 zones, KW-10-02, -03, -04 (Section 5020N) and -11 (Section 5400N) tested only the #1 zone and drill hole KW-10-12 (Section 5400N) tested only the #2 zone. The Helena zone, interpreted to be an extension of the Big Master #1 zone was tested with diamond drill holes KW-10-13, KW-10-14 (Section 5625N) and KW-10-15 (5825N). Of these drill holes testing gold showings near the historical Big Master Mine, visible gold was noted in seven of the 11 holes, KW-10-02, 03, 04, 10, 12, 13, and 14 all contained visible gold. Gold mineralization on the #1 Zone and the Helena zone consists of quartz veins within a sheared, silicified and carbonatized chloritic to sericitic schist. The #2 Zone consists of quartz carbonate veins within a sheared and silicified chlorite schist with variably amounts of sericite and biotite alteration. All three zones were found to contain up to 50 % white to grey quartz veins, trace to 7% pyrite and pyrrhotite with trace amounts of chalcopyrite. Iron carbonate alteration was also commonly observed. Gold mineralization intersected in these drill holes is summarized in Table 8.2. Map 1 locates these drill holes (back pocket), and they are also shown generally in Figure 8.1 and Figure 8.2. Drill sections of these holes can be found in Appendix II

Several IP chargeability anomalies were also tested with this drill program. Drill holes KW-10-06, 07, 08 and 09 (Sections 5200N and Section 5400N) all tested IP anomalies within the vicinity of the historical Big Master Mine. All drill holes testing IP anomalies intersected variably sheared and silicified pillowed mafic volcanic rocks, containing variable amounts of pyrite and pyrrhotite blebs and stringers. It is believed that the presence of localized pyrrhotite blebs and stringers are responsible for the IP anomalies in all of the drill holes testing these anomalies. Drill hole KW-10-08 also tested the historical Paymaster trend, however failed to intersect any appreciable gold mineralization associated with this zone. Hole KW-10-09 also tested the big master #2 zone and intersected 1.2 g/t Au over 3.2 metres.

The Gold Rock occurrence (Groc) (Figure 4.1) was developed by Gold Rock Mining and Milling Co. in 1904, they sunk two shafts on this occurrence (Blackburn, 1981), but no further work was done on the prospect. Manitou Gold drilled one diamond drill hole, KW-10-16 (Section 4200N) on this occurrence in 2010. Although no appreciable gold mineralization was intersected in this drill hole, anomalous gold values were found to occur within variably sheared and altered chlorite and sericite schist containing up to 5% quartz veins and 1-2% pyrite with trace pyrrhotite. Gold assays returned from samples taken from drill core on this zone ranged from nil to 0.8 g/t Au. Diamond drill hole KW-10-17 (Section 4200N) tested the down dip extension of historical pits located during the Manitou Gold 2009 prospecting

[1] KW-10-10 was originally drilled to 96 m to test only the #2 shear zone, but was extended to a final depth of 279 metres in January, 2011 to test the #1 shear zone.

program. These pits were believed to be the historical Newmaster Occurrence (Figure 4.1). No significant gold mineralization was identified in this drill hole.
The Haymaker occurrence (Figure 4.1) was located and named during the 2009 prospecting program carried out by Manitou Gold. Historical pits were discovered in a highly silicified and pyritized felsic dyke. Drill holes KW-10-18 and KW-10-19 tested this zone (Sections 3900N and Section 3700N). Gold mineralization intersected on this zone was found in a sheared and altered quartz porphyry dyke with 2-3% disseminated pyrite. Assays ranged from nil to a high of 1.18 g/t Au over 1.0 m in hole KW-10-18.

Diamond drill holes KW-10-20 to KW-10-23 tested the historical Selby Mine trend (Sections 3300N, 3400N and 3500N) . Drill holes KW-10-21 to KW-10-23 tested the selby trend, while drill hole KW-10-20 tested an IP anomaly to the southwest of the Selby Mine. Gold mineralization on this zone was found to be within quartz veins and sulphide zones within sheared and altered felsic dykes as well as within highly pyritized argillaceous sediments (as in hole KW-10-23). The most significant intersection was found in hole KW-11-23 which averaged 5.56 g/t Au over 1.4 metres. Hole KW-10-20 returned no significant gold mineralization.

The final drill hole of this twenty four hole diamond drill program tested a newly discovered surface showing coincident with an IP anomaly (Section 3300N). No significant gold mineralization was identified in this drill hole.

Table 8.2: Summary of Drill Intersections on the Kenwest Property

DDH	From	To	Width* (m)	Au g/t
KW-10-01	107.4	113.5	6.1	1.1
KW-10-01	132.6	133.7	1.1	1.0
KW-10-02	46.9	51.5	4.6	1.1
KW-10-03	77.0	79.0	2.0	0.7
KW-10-03	82.5	84.0	1.5	5.0
KW-10-04	126.7	131.5	4.8	1.5
KW-10-05	212.5	213.0	0.5	2.2
KW-10-06	53.5	57.1	3.6	0.6
KW-10-09	254.8	258.0	3.2	1.2
KW-10-10	44.8	49.0	4.2	2.7
KW-10-11	107.5	108.5	1.0	2.1
KW-10-12	56.3	60.3	4.0	1.3
KW-10-13	135.8	141.9	6.1	15.4
KW-10-14	235.6	238.3	2.7	4.8
KW-10-14	249.5	256.25	6.75	0.3
KW-10-15	153.15	154.0	0.85	0.8
KW-10-15	165.0	168.65	3.65	0.7
KW-10-16	67.8	70.0	2.2	0.7
KW-10-16	90.2	91.0	0.8	0.6
KW-10-16	97.0	99.0	2.0	0.4
KW-10-18	80.8	87.0	6.2	0.3
KW-10-18	112.35	113.2	0.85	1.2
KW-10-21	30.35	32.0	1.65	2.3
KW-10-21	141.7	143.0	1.3	0.5
KW-10-22	170.05	171.75	1.7	0.5
KW-10-23	67.0	69.95	2.95	0.3
KW-10-23	170.0	171.4	1.4	5.6

*Intervals are in core length.

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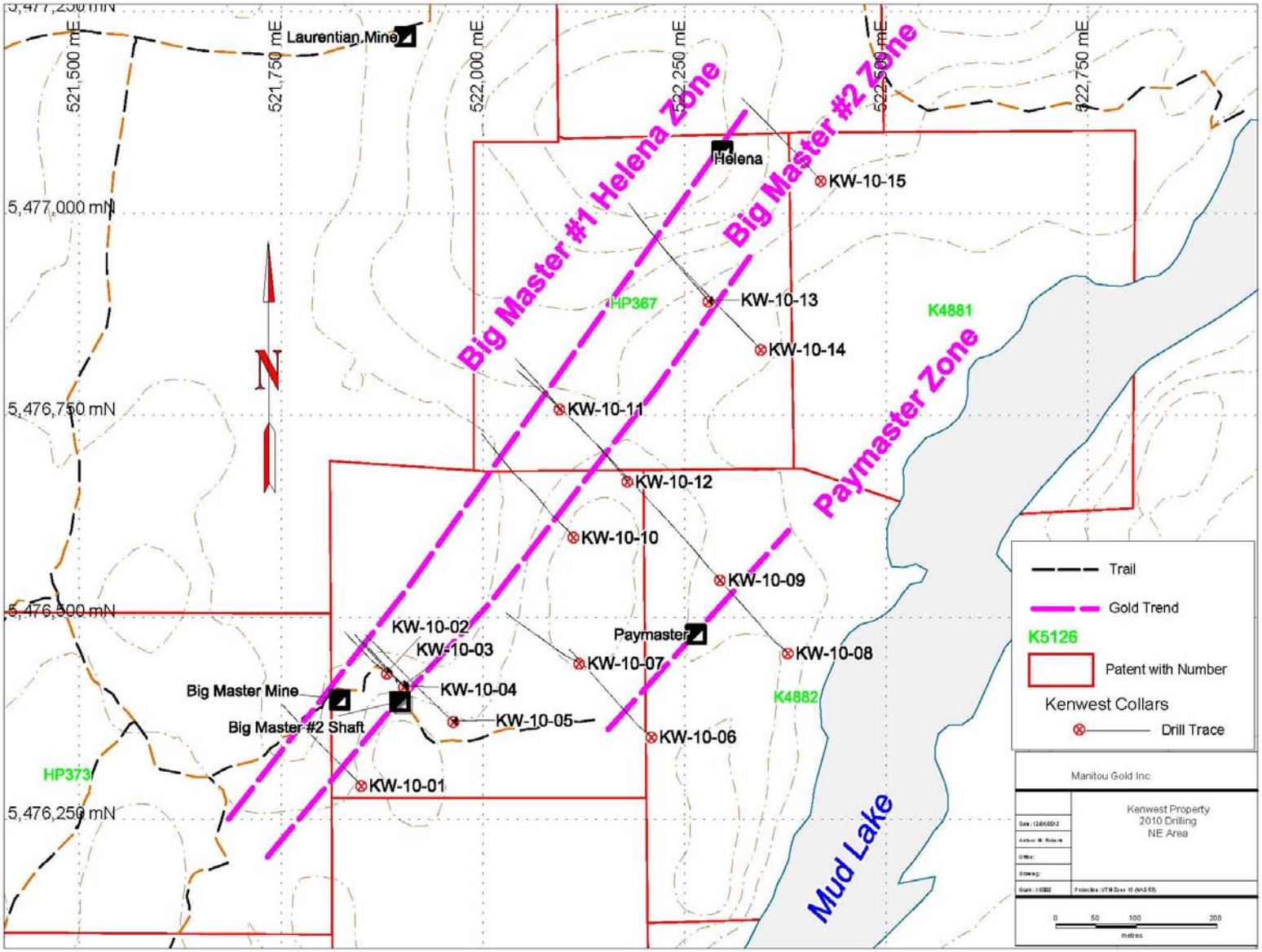

Figure 8.1: Big Master, Helena and Paymaster Zones, 2010 Drill Holes

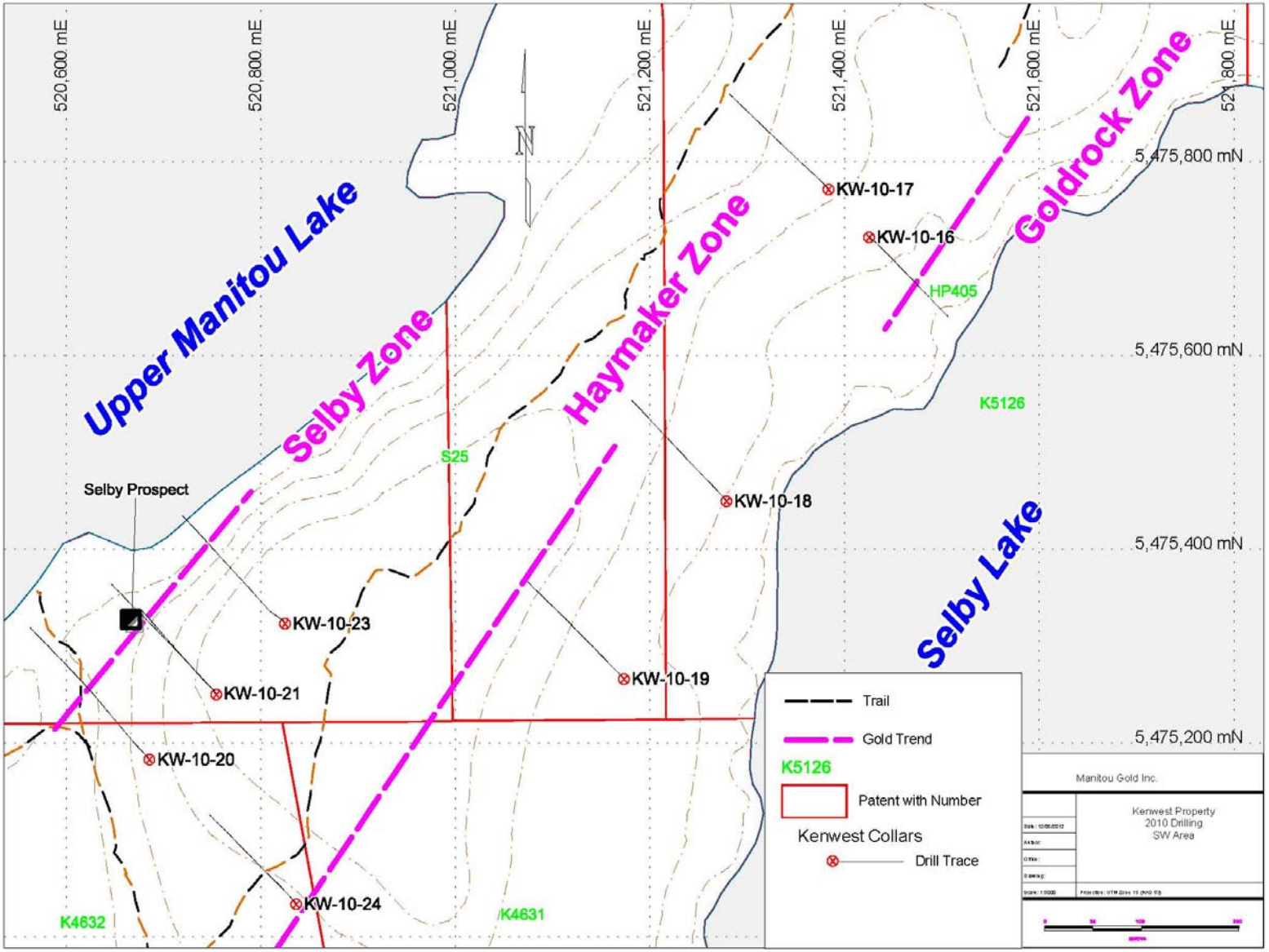

Figure 8.2: Gold Rock (Groc), Haymaker and Selby Zones, 2010 Drill Holes

9.0 Recommendations and Conclusions

The 2010 Summer diamond drill program on the Kenwest Property was successful in confirming the down-dip and strike continuity of shearing and quartz veining containing gold mineralization previously outlined on surface. Encouraging assay results were returned from this twenty four hole diamond drill program, and further work is recommended over the various mineralized zones to further evaluate the extent of the gold mineralization.

The property should be mapped in detailed, trenched and channel sampled to determine the extent and nature of the gold mineralization. In addition, a further diamond drill program is recommended to follow up on the gold zones identified during this drill program.

10.0 References

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Statement of Qualifications

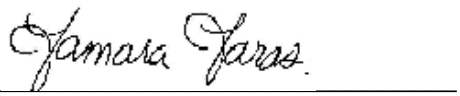
I, Tamara L. Taras, of 517-100 Creek Bend Road, Winnipeg, Manitoba R2N 0G1 do herby certify that:

1) I am a graduate of the University of Manitoba and hold an Honours Bachelor of Science (Geological Sciences) Degree, 2010.

2) I am a Canadian Citizen.

3) I have been employed by Manitou Gold Inc. since 2009 and have worked in Ontario since that time.

Dated this 12th day of May, 2012.



Tamara L. Taras, BSc.

APPENDIX I

Diamond Drill Logs

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	180.00	15/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476292.4	521848.95	-1950.00	4900.00	Differential GPS	16/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	399.07	315.00		-45.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	T. Keast	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	180	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Bigmaster #1 & #2 Mine Horizons		42 Boxes stored at Bigmaster Site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
12.00			315	315	-45	-45	☐	Ranger SS		
99.00			315	315	-36	-36	☐	Ranger SS		
180.00			317	317	-33	-33	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	2.00	**CAS Casing**					
2.00 -	35.50	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**					
		5-9m 1% QVs, 1% po, H=6, MS=0.5	I968501	5.00	6.00	1.00	0.0025
			I968502	6.00	7.00	1.00	0.005
			I968503	7.00	8.00	1.00	0.0025
			I968504	8.00	9.00	1.00	0.007
35.50 -	40.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		10-15% qtz-carb vn, 1-2% py, H=5, MS=0.3	I968505	37.00	38.00	1.00	0.007
			I968506	38.00	39.50	1.50	0.328
40.20 -	45.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**					
		H=5, MS=0.4					
45.00 -	54.30	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		H=5, MS=0.4					
54.30 -	62.15	**DIOD Diorite Dike**					
		UC 45 deg to CA, H=7, MS=0.05	I968507	56.50	57.00	0.50	0.009
		56.5m 2cm grey vein w/ tr py					

Lithology *From*	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
62.15	80.15	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5, MS=0.4 79-80.15m 3-5% QVs	I968508	73.00	74.00	1.00	0.007
			I968509	78.00	79.00	1.00	0.005
			I968510	79.00	80.15	1.15	0.005
80.15	81.45	**SBZ Blue Silicified Zone** UC 45 deg to CA, Buff grading to blue down unit, 1-3% pypo, H>7, MS=0.03	I968512	80.80	81.45	0.65	0.029
81.45	107.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 81.45-82m 5-7% grey veins 1% py 84-91.6m black spots 92.1-92.6m strong shear 50 deg to CA 5-7% py 92.6-97m 1-3% py cubes	I968513	81.45	82.00	0.55	0.023
			I968514	82.00	83.00	1.00	0.0025
			I968515	91.00	91.60	0.60	0.034
			I968516	91.60	92.10	0.50	0.396
			I968517	92.10	92.60	0.50	2.58
			I968518	92.60	93.50	0.90	0.246
			I968519	93.50	94.50	1.00	0.008
			I968520	94.50	95.50	1.00	0.096
			I968521	95.50	96.50	1.00	0.005
			I968522	96.50	98.00	1.50	0.013
			I968523	106.50	107.40	0.90	0.014
107.40	113.50	**CLSCH** Fol 60 deg to CA, H=6, MS=0.3 109.4-109.6m White QV 110.5-111.4m 75% QVs 1-3% py	I968526	108.50	109.50	1.00	1.39
			I968527	109.50	110.50	1.00	2.84
			I968528	110.50	111.40	0.90	1.305
			I968530	111.40	112.50	1.10	0.237
			I968531	112.50	113.50	1.00	0.173

Lithology From	To		Sample #	From	To	Len.	Au ppm
113.50 -	122.75	**MV Mafic Volcanic** H=6, MS=0.45					
122.75 -	125.40	**SYD Syenite Dike** UC 70 deg to CA, H=7, MS=0.2					
125.40 -	132.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 7-10% carb veins, 1-3% py	I968532	129.00	130.00	1.00	0.012
			I968533	130.00	131.00	1.00	0.01
			I968534	131.00	132.60	1.60	0.008
132.60 -	133.70	**SBZ Blue Silicified Zone** 5-7% py, H>7, MS=0.02	I968536	133.10	133.70	0.60	0.791
133.70 -	137.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**	I968537	133.70	135.00	1.30	0.015
			I968538	135.00	136.00	1.00	0.005
			I968539	136.00	137.50	1.50	0.0025
137.50 -	139.00	**SBZ Blue Silicified Zone** 1-2% py, H>7	I968540	137.50	138.25	0.75	0.006
			I968541	138.25	139.00	0.75	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
139.00 -	151.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		148-151.1m 3-5% grey veins 1-2% py	I968542	139.00	140.00	1.00	0.0025
			I968543	147.00	148.00	1.00	0.008
			I968544	148.00	149.00	1.00	0.0025
			I968545	149.00	150.00	1.00	0.006
			I968546	150.00	151.00	1.00	0.007
			I968547	151.00	152.00	1.00	0.005
151.10 -	171.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**					
		H=6.5, MS=0.85	I968548	156.00	157.00	1.00	0.006
		156.5-158.4m No phenocrysts	I968549	157.00	158.00	1.00	0.047
		158.4-159m 25% grey veins tr cpy 1-2% py	I968550	158.00	159.00	1.00	0.04
		162.5-163.5 3-5% grey veins, 1% py	I968551	159.00	160.00	1.00	0.0025
		170.4-171m 50% grey veins, 1% py	I968552	160.00	161.00	1.00	0.005
			I968553	161.00	162.00	1.00	0.0025
			I968554	162.00	162.50	0.50	0.017
			I968555	162.50	163.50	1.00	0.0025
			I968556	163.50	164.50	1.00	0.0025
			I968557	170.00	171.00	1.00	0.0025
171.00 -	172.25	**CLSCH**					
		Fol 75 deg to CA, 8mm cholrite eyes, H=5, MS=0.4	I968558	171.00	172.25	1.25	0.005
172.25 -	174.60	**SRSCH**					
		Fol 75 deg to CA, 5-10% QVs, H=6, MS=0.02	I968559	172.25	173.00	0.75	0.238
			I968561	173.00	174.00	1.00	0.048
			I968562	174.00	174.75	0.75	0.39

Lithology								
From	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
174.60 -	176.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 1-3% QVs	I968563	174.75	175.25	0.50	0.084
			I968565	175.25	176.00	0.75	0.0025
176.00 -	180.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=6, MS=0.5					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	99.00	16/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476431.53	521881.02	-2025.00	5025.00	Differential GPS	17/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	391.96	308.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	T. Keast	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	99	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #1 mine horizon		23 boxes stored at Bigmaster Site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
9.00			308	308	-44	-44	☐	Ranger SS		
51.00			316	316	-43	-43	☐	Ranger SS		
99.00			316.5	316.5	-41.5	-41.5	☐	Ranger SS		

Lithology *From*	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
0.00	0.50	**CAS Casing**					
0.50	12.75	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=5 MS=0.5					
12.75	13.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 1-2% QV	I968566	12.75	13.50	0.75	0.02
13.50	15.50	**SBZ Blue Silicified Zone** 7-10% WHITE QV; 1-3% PO, H= >7 MS=0.2	I968567	13.50	14.50	1.00	0.008
			I968568	14.50	15.50	1.00	0.006
15.50	21.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6; MS=VARIABLE (0.35-2.5)	I968569	15.50	16.50	1.00	0.005
			I968570	17.50	18.50	1.00	0.009
			I968571	18.50	19.50	1.00	0.008
			I968573	19.50	20.50	1.00	0.008
			I968574	20.50	21.50	1.00	0.008
21.50	26.50	**MV Mafic Volcanic** H=5; MS VARIABLE (0.6-1.5)					

Lithology From	To		Sample #	From	To	Len.	Au ppm
26.50 -	44.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 10% QV 55 DEG TO CA H=5; MS VARIABLE (0.4-3.0)	I968575	26.50	27.50	1.00	0.0025
			I968576	27.50	28.50	1.00	0.011
			I968577	28.50	29.25	0.75	0.008
			I968578	29.50	30.50	1.00	0.008
			I968579	30.50	31.50	1.00	0.117
			I968580	31.50	32.50	1.00	0.007
			I968581	43.00	44.00	1.00	0.006
44.00 -	46.25	**CLSCH** FOL 45DEG TO CA 15-20%QV; 1-3 %PO, PY H=6; MS = 0.4	I968582	44.00	45.00	1.00	0.009
			I968583	45.00	45.50	0.50	0.035
			I968584	45.50	46.25	0.75	0.177
46.25 -	47.50	**QV Quartz Vein** H= >7; MS= 0.05 50% QV; upper portion is feldspar porph fol 50 deg to CA 46.55-2 cm QV w/ 1-3% py; VG 46.9-47.35 - grey QV (46.95 3mm patch of VG); 1-2% py	I968585	46.25	46.90	0.65	0.17
			I968586	46.90	47.50	0.60	4.8
47.50 -	56.00	**CLSCH** FOL 45 DEG TO CA; 25% QTZCARB STRING; 1-2% PY H=6; MS=0.4 50.5-51.5 50% QV	I968588	47.50	48.50	1.00	0.01
			I968589	48.50	49.50	1.00	0.014
			I968590	49.50	50.50	1.00	0.019
			I968592	50.50	51.50	1.00	1.995
			I968593	51.50	52.50	1.00	0.018
			I968594	52.50	53.50	1.00	0.01
			I968595	53.50	54.50	1.00	0.011
			I968596	54.50	55.50	1.00	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
56.00	73.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 45 DEG TO CA; 5-10% QV H=5; MS=0.4	I968597	72.50	73.50	1.00	0.008
73.50	75.25	**SBZ Blue Silicified Zone** 1-3% po; tr cpy; 10% crosscutting QVs H= >7; MS=0.3	I968598	73.50	74.50	1.00	0.008
			I968600	74.50	75.25	0.75	0.0025
75.25	81.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 77-78.5 dark grey QV w/ tr py,po H=6; MS= 0.4	I968601	75.25	76.00	0.75	0.005
			I968602	76.00	77.00	1.00	0.006
			I968603	77.00	78.00	1.00	0.006
			I968604	78.00	79.00	1.00	0.006
			I968605	79.00	80.00	1.00	0.006
			I968606	80.00	81.00	1.00	0.144
81.00	87.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6; MS=0.3	I968607	82.00	83.00	1.00	0.033
			I968608	83.00	84.00	1.00	0.0025
			I968609	84.00	85.00	1.00	0.014
			I968610	85.00	86.00	1.00	0.013
87.50	90.65	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**					
90.65	92.75	**DIOD Diorite Dike** H= >7; MS = variab le (0.5-7.5)					

Lithology From	To		Sample #	From	To	Len.	Au ppm
92.75	- 99.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=6; MS= 0.7					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	117.00	17/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476415.63	521901.34	-2005.00	5026.00	Differential GPS	19/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	394.33	312.00		-43.50	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	T. Keast	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	117	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #1 mine horizon		27 boxes stored at Bigmaster Site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
12.00			312	312	-43.5	-43.5	☐	Ranger SS		
60.00			318	318	-41.5	-41.5	☐	Ranger SS		
117.00			319	319	-40	-40	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	1.40	**CAS Casing**					
1.40 -	8.25	**MV Mafic Volcanic** H=7, MS 0.7					
8.25 -	12.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 40 deg to CA, 5-7% carb veins, H=5, MS=0.4	I968611	8.25	9.00	0.75	0.009
			I968612	9.00	10.00	1.00	0.005
			I968613	10.00	11.00	1.00	0.007
			I968614	11.00	12.10	1.10	0.007
12.10 -	19.60	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=7, MS=0.5					
19.60 -	22.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.4 19.8-20.1m 10% grey veins	I968616	20.50	21.50	1.00	0.007
22.00 -	30.00	**MV Mafic Volcanic** H=6.5, MS=0.43					
30.00 -	47.50	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=7, MS=0.5 33.5-34.1m 5% veins	I968617	33.50	34.50	1.00	0.007

Lithology From	To		Sample #	From	To	Len.	Au ppm
47.50	49.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=1.2-2.7 (depending on po strgrs), 5-7% carb veins, 3-5% po in strgrs and salvages	I968618	47.50	48.50	1.00	0.006
			I968619	48.50	49.50	1.00	0.017
49.50	61.75	**MV Mafic Volcanic** H=6, MS=0.7, epidote in pillow salvages, tr po along salvages	I968620	49.50	50.50	1.00	0.005
			I968621	61.00	61.75	0.75	0.007
61.75	66.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6.5, MS=0.75, 5-7% carb strgrs, 1-3% QVs, fol 50 deg to CA. 65.2-65.35m grey veins 50 deg to CA w/ 5-7% pypo	I968622	61.75	63.00	1.25	0.007
			I968623	63.00	64.00	1.00	0.032
			I968624	64.00	65.00	1.00	0.021
			I968625	65.00	65.50	0.50	0.383
			I968627	65.50	66.50	1.00	0.029
66.20	72.00	**MV Mafic Volcanic** H=5.5, MS=0.4	I968628	66.50	67.50	1.00	0.019
72.00	76.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=7, MS=0.3, Fol 50 deg to CA, 3-5% carb strgrs, Tr popy	I968629	74.00	75.00	1.00	0.008
			I968630	75.00	76.25	1.25	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
76.25	80.50	**CLSCH** H=7, MS=0.35, Fol 55 deg to CA 78.4-79m 90% white QV w/ sericite at 60 deg to CA.	I968631	76.25	77.00	0.75	0.016
			I968633	77.00	77.75	0.75	0.121
			I968634	77.75	78.40	0.65	0.413
			I968636	78.40	79.00	0.60	1.7
			I968637	79.00	79.75	0.75	0.038
			I968638	79.75	80.50	0.75	0.01
80.50	82.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 3-5% carb strgrs crosscutting fol	I968639	80.50	81.50	1.00	0.01
			I968640	81.50	82.50	1.00	0.011
82.50	91.40	**CLSCH** H=5, MS=0.35 83.3-83.6m QVs parallel fol 45 deg to CA w/ 6 sp VG, tr py	I968641	82.50	83.30	0.80	0.336
			I968642	83.30	84.00	0.70	10.55
			I968644	84.00	85.00	1.00	0.013
			I968645	85.00	86.00	1.00	0.013
			I968646	86.00	87.00	1.00	0.007
			I968647	87.00	88.00	1.00	0.008
			I968649	88.00	89.00	1.00	0.011
			I968650	89.00	90.00	1.00	0.01
			I968651	90.00	91.40	1.40	0.007
91.40	94.80	**SBZ Blue Silicified Zone** Blue grey silicified zone, 1% 3mm py cubes, fol 50 deg to CA. H>7, MS=0.02	I968653	92.00	93.00	1.00	0.005
			I968654	93.00	94.00	1.00	0.006
			I968655	94.00	94.80	0.80	0.006

Lithology From	To		Sample #	From	To	Len.	Au ppm
94.80 -	99.25	**CLSCH** H=6, MS=0.3, 10-15% Qtz-carb veins, qtz eyes, 1-3% popy	I968657	96.00	97.00	1.00	0.008
			I968658	97.00	98.00	1.00	0.007
			I968659	98.00	99.25	1.25	0.015
99.25 -	100.00	**SBZ Blue Silicified Zone** 3-5% py, fol 45 deg to CA	I968661	99.25	100.00	0.75	0.147
100.00 -	102.55	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 102.4-102.55m QV 103.5-104m Epidote salvages	I968662	100.00	101.00	1.00	0.009
			I968663	101.00	102.00	1.00	0.008
			I968664	102.00	102.55	0.55	0.007
102.55 -	110.90	**MV Mafic Volcanic**	I968666	103.00	104.00	1.00	0.006
			I968667	109.50	110.50	1.00	0.008
			I968668	110.50	111.50	1.00	0.011
110.90 -	114.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Rare QVs	I968669	111.50	112.50	1.00	0.05
			I968670	112.50	113.50	1.00	0.266
			I968671	113.50	114.50	1.00	0.023
114.50 -	117.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**					

Lithology							
From	To	Sample #	From	To	Len.	Au ppm	

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	177.00	19/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476414.79	521902.16	-2004.00	5026.00	Differential GPS	20/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	394.32	315.00		-65.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	T. Keast	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	177	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #1 mine horizon		41 boxes stored at Bigmaster Site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			315	315	-65	-65	☐	Ranger SS		
51.00			317.5	317.5	-65	-65	☐	Ranger SS		
176.00			319	319	-63.5	-63.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	2.00	**CAS Casing**					
2.00	23.50	**MV Mafic Volcanic** H=7, MS=0.7, Local blocky sections					
23.50	34.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5, MS=0.4, Fol 20 deg to CA, Black chloritic spots, 30.5-31.25m grey QV 25 deg to CA 5-7% po	I968672	29.50	30.50	1.00	0.012
			I968673	30.50	31.25	0.75	0.011
			I968674	31.25	32.00	0.75	0.0025
34.60	59.75	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=6, MS=0.55					
59.75	71.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H-6, MS=0.3, Fol 25 deg to CA, rare qtz veins and sweats 10 deg to CA,	I968675	60.00	61.00	1.00	0.0025
			I968676	61.00	62.00	1.00	0.0025
			I968677	62.00	63.00	1.00	0.0025
			I968678	67.00	68.00	1.00	0.0025
			I968679	68.00	69.00	1.00	0.005
			I968680	69.00	70.00	1.00	0.0025
			I968681	70.00	71.00	1.00	0.0025

Lithology								
From		*To*			*Sample #*	*From*	*To*	*Len.*	*Au ppm*
71.00	-	82.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts**						
					I968682	71.00	72.00	1.00	0.005
					I968683	72.00	73.00	1.00	0.0025
					I968684	73.00	74.00	1.00	0.0025
					I968685	74.00	75.00	1.00	0.0025
					I968686	81.00	82.00	1.00	0.0025
82.00	-	86.00	**SBZ Blue Silicified Zone**						
			H>7, MS=0.05,						
			82-82.5m grey qtz veins 1-3% po tr cpy		I968687	82.00	82.50	0.50	0.0025
					I968688	82.50	83.50	1.00	0.0025
					I968690	83.50	84.25	0.75	0.0025
					I968692	84.25	85.00	0.75	0.0025
					I968693	85.00	86.00	1.00	0.0025
86.00	-	105.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**						
			H=5, MS=0.35, Fol 35 deg to CA, rare grey to white vein s parallel to fol, tr po		I968694	86.00	87.00	1.00	0.0025
					I968695	97.00	98.00	1.00	0.0025
					I968696	98.00	99.00	1.00	0.0025
					I968697	99.00	100.00	1.00	0.0025
					I968698	100.00	101.00	1.00	0.0025
					I968699	102.00	103.00	1.00	0.0025
					I968700	103.00	104.00	1.00	0.0025
					I968701	104.00	105.10	1.10	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
105.10 -	111.00	**CLSCH**					
		H=6, MS=0.4, 7-10% grey strgrs 35 deg to CA, strgrs of popy	I968702	105.10	106.00	0.90	0.008
			I968703	106.00	107.00	1.00	0.009
			I968704	107.00	108.00	1.00	0.393
			I968705	108.00	109.00	1.00	0.016
			I968706	109.00	110.00	1.00	0.015
			I968707	110.00	111.00	1.00	0.0025
111.00 -	118.00	**MV Mafic Volcanic**					
		Salvages, Fol 35 deg to CA, MS increasing down unit 0.4-15, H=7	I968708	111.00	112.00	1.00	0.0025
118.00 -	122.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		10-15% carb veins, 1% py, H>7, MS=0.3	I968709	118.00	119.00	1.00	0.0025
			I968710	119.00	120.00	1.00	0.0025
			I968711	120.00	121.00	1.00	0.01
			I968712	121.00	122.50	1.50	0.008
122.50 -	126.70	**CLSCH**					
		Fol 40 deg to CA, 7-10% QVs, 1-3% py, H=6, MS=0.2	I968714	122.50	123.50	1.00	0.012
			I968715	123.50	124.50	1.00	0.009
			I968716	124.50	125.50	1.00	0.066
			I968717	125.50	126.70	1.20	0.007
126.70 -	127.75	**QV Quartz Vein**					
		Top 20cm SRSCH, H>7, MS=0.6, VG on core end	I968718	126.70	127.25	0.55	4.09
			I968719	127.25	127.75	0.50	8.65

Lithology From	To		Sample #	From	To	Len.	Au ppm
127.75	145.00	**CLSCH** 5-7% QVs, H=6, MS=0.35	I968721	127.75	128.50	0.75	0.172
			I968722	128.50	129.50	1.00	0.153
			I968723	129.50	130.50	1.00	0.062
			I968724	130.50	131.50	1.00	0.258
			I968725	131.50	132.50	1.00	0.011
			I968726	132.50	133.50	1.00	0.512
			I968727	133.50	134.00	0.50	0.048
			I968728	134.50	135.50	1.00	0.015
			I968729	135.50	136.60	1.10	0.017
			I968730	136.60	137.50	0.90	0.022
			I968731	137.50	138.50	1.00	0.011
			I968732	138.50	139.50	1.00	0.007
			I968733	139.50	140.50	1.00	0.007
			I968734	140.50	141.50	1.00	0.006
			I968735	141.50	142.50	1.00	0.007
			I968736	142.50	143.50	1.00	0.008
			I968737	143.50	144.50	1.00	0.007
			I968738	144.50	145.50	1.00	0.013
145.00	148.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.4	I968739	145.50	146.50	1.00	0.005
			I968740	146.50	147.50	1.00	0.0025
			I968741	147.50	148.50	1.00	0.0025
148.50	165.75	**MV Mafic Volcanic** H=7, MS=0.5-1, Narrow scattered grey veins	I968742	156.50	157.50	1.00	0.007
			I968743	157.50	158.50	1.00	0.006
			I968744	158.50	159.50	1.00	0.0025
			I968745	159.50	160.50	1.00	0.005
			I968746	160.50	161.50	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
165.75	167.40	**SYD Syenite Dike** UC 80 deg to CA, Tr cpy	I968747	165.75	166.50	0.75	0.0025
			I968748	166.50	167.40	0.90	0.0025
167.40	177.00	**MV Mafic Volcanic** H=7, MS=0.5-1, 168.75-169.25m SYD	I968749	167.40	168.50	1.10	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	249.00	22/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476371.7	521963.22	-1924.00	5039.00	Differential GPS	23/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	404.69	310.00		-53.70	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	T.Keast	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	249	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #1 & #2 mine horizons		57 Boxes stored at Bigmaster Site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			309.9	309.9	-53.7	-53.7	☐	Ranger SS		
45.00			315	315	-53.4	-53.4	☐	Ranger SS		
96.00			314.5	314.5	-53.4	-53.4	☐	Ranger SS		
147.00			314.5	314.5	-53.2	-53.2	☐	Ranger SS		
198.00			316.4	316.4	-52.5	-52.5	☐	Ranger SS		
249.00			313.1	313.1	-46.5	-46.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	2.20	**CAS Casing**					
2.20	17.40	**MV Mafic Volcanic** H=7, MS=0.5					
17.40	18.40	**SBZ Blue Silicified Zone** H>7, MS=0.3	I968750	17.40	18.40	1.00	0.007
18.40	67.80	**MV Mafic Volcanic** Pillowed, flow breccia, hyloclastite, rare QVs 31.4-31.6m salvage with 20% po 1% cpy 39.1-45.6m amygdaloidal 41.5-42.5m 10% QVs 3-5% po 47.9-48.5m 80% grey veins 53.5-54m grey QV	I968801	31.00	32.00	1.00	0.013
			I968802	32.00	33.00	1.00	0.008
			I968803	33.00	34.00	1.00	0.006
			I968804	39.00	40.00	1.00	0.005
			I968806	40.00	41.00	1.00	0.007
			I968807	41.00	42.00	1.00	0.009
			I968808	42.00	43.00	1.00	0.014
			I968805	43.00	44.00	1.00	0.015
			I968809	47.90	48.50	0.60	0.007
			I968810	48.50	49.50	1.00	0.007
			I968811	53.50	54.00	0.50	0.01
67.80	69.60	**SYD Syenite Dike** UC sharp 45 deg to CA, 1-3% carb veins, H>7, MS=0.22	I968813	68.50	69.60	1.10	0.006

Lithology								
From	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
69.60 -	104.20	**MV Mafic Volcanic** Rare K-spar phenocrysts ~ 1/20cm, H=7, MS=0.65 84.6-84.7m QV 87-88m 1-5% QVs	I968814	84.00	85.60	1.60	0.009
			I968815	87.00	88.00	1.00	0.007
			I968816	92.00	92.50	0.50	0.005
104.20 -	106.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 7-10% grey QVs, 104.8m well defined fold structure	I968817	104.20	105.00	0.80	0.009
			I968818	105.00	106.00	1.00	0.158
			I968819	106.00	106.50	0.50	0.01
106.50 -	153.00	**MV Mafic Volcanic** H=7, MS=0.6, rare scattered phenocrysts 131.5-133m narrow MVSH 7-10% QVs, fol 40 deg to CA 147-148.5m 2-3% QVs	I968820	108.50	109.50	1.00	0.009
			I968821	131.50	132.25	0.75	0.007
			I968822	132.25	133.00	0.75	0.007
			I968823	147.00	148.00	1.00	0.006
			I968824	148.00	149.00	1.00	0.008
153.00 -	163.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 40 deg to CA, 1-3% QVs, black spots in lower portion of the unit	I968825	153.00	154.00	1.00	0.006
			I968826	154.00	155.00	1.00	0.006
			I968827	155.00	156.00	1.00	0.0025
			I968828	159.00	160.00	1.00	0.0025
			I968829	160.00	161.00	1.00	0.0025
			I968830	161.00	162.00	1.00	0.0025
163.10 -	187.80	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=7, MS=0.65 177.1-177.9m MVSH 40 deg to CA 3% QVs	I968832	177.10	177.90	0.80	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
187.80	190.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
			I968834	189.00	190.00	1.00	0.0025
			I968835	190.00	190.60	0.60	0.0025
190.60	192.90	**SBZ Blue Silicified Zone**					
			I968838	191.50	192.00	0.50	0.0025
			I968839	192.00	192.90	0.90	0.006
192.90	206.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		199.5-200.1m CLSCH 3% po	I968840	192.90	194.00	1.10	0.0025
			I968841	199.50	200.10	0.60	0.056
206.40	208.40	**CLSCH**					
			I968842	206.40	207.40	1.00	0.027
			I968843	207.40	208.40	1.00	0.117
208.40	211.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
			I968844	208.40	209.50	1.10	0.009
			I968845	209.50	210.50	1.00	0.0025
			I968846	210.50	211.10	0.60	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
211.10 -	219.40	**CLSCH** 1-3% Qtz-carb veins, H=6, MS=0.3 212.8-212.9m QV 3-5% py 215.7-215.8m QV 1-3% py Tr cpy	I968848	212.00	212.50	0.50	0.009
			I968849	212.50	213.00	0.50	2.16
			I968850	213.00	214.00	1.00	0.009
			I968751	214.00	215.00	1.00	0.009
			I968752	215.00	215.50	0.50	0.022
			I968753	215.50	216.00	0.50	0.028
			I968755	216.00	217.00	1.00	0.087
			I968756	217.00	218.20	1.20	0.083
			I968758	218.20	219.40	1.20	0.234
219.40 -	223.70	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.35 222-223m 3-5% QVs	I968759	219.40	220.00	0.60	0.012
			I968760	222.00	223.00	1.00	0.009
223.70 -	228.20	**MV Mafic Volcanic**					
228.20 -	230.20	**DIOD Diorite Dike**					
230.20 -	232.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
232.50 -	245.00	**MV Mafic Volcanic** H=7, MS=0.6					

Lithology From	To		Sample #	From	To	Len.	Au ppm
245.00 -	246.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**	I968761	245.00	246.00	1.00	0.175

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	Co-ordinate System	Grid/Property	Hole Type	Length	Date Started
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	201.00	23/05/2010

District	UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method	Date Completed
Kenora	5476352.82	522208.64	-1749.00	5200.00	Differential GPS	25/05/2010

Project	UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor	Date Logged
Kenwest	407.39	308.00		-44.00	Downing Drilling	

Area	Claim No.	NTS Sheet	Supervised By	Logged By	Verified
Boyer Lake Area	K4882		T. Keast	P McChesney	☐

Zone/Prospect	Assessment Rpt. No.	Core Storage	Plug Depth	Makes Water	Capped	Environmental Inspection
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	201	Casing Pulled	Casing (1)		NW Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			☐	(2)			☐	☐		

Purpose	Results	Comments
Test IP		47 boxes stored at bigmaster site

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
6.00			308	308	-44	-44	☐	Ranger SS		
48.00			318	318	-44	-44	☐	Ranger SS		
99.00			318.5	318.5	-43	-43	☐	Ranger SS		
150.00			318	318	-42	-42	☐	Ranger SS		
201.00			316	316	-37.5	-37.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	4.50	**CAS Casing**					
4.50 -	8.50	**MV Mafic Volcanic** sparse phenos					
8.50 -	11.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** FOL 40 deg to CA	I968784	9.00	10.50	1.50	0.006
11.50 -	20.20	**MV Mafic Volcanic** 12.5-13 MVSH					
20.20 -	23.70	**DIOD Diorite Dike** f gr; fol 40 deg to CA; tr py					
23.70 -	43.40	**MV Mafic Volcanic** 31-31.7 40%QV	I968762	31.00	31.70	0.70	0.0025
43.40 -	53.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 45.2-47.3 MV	I968763	48.00	49.00	1.00	0.01
			I968764	49.00	50.00	1.00	0.008
			I968765	50.00	51.00	1.00	0.006
			I968766	51.00	52.00	1.00	0.009
			I968767	52.00	53.00	1.00	0.006
			I968768	53.00	53.50	0.50	0.005

Lithology From	To		Sample #	From	To	Len.	Au ppm
53.50	57.10	**SBZ Blue Silicified Zone** wk shear 45-50 deg to CA; buff ser patch/bands grey crosscutting QVs	I968769	53.50	54.50	1.00	0.248
			I968771	54.50	55.50	1.00	0.842
			I968772	55.50	56.50	1.00	0.745
			I968773	56.50	57.10	0.60	0.24
57.10	73.90	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 5-10% carb	I968775	57.10	58.00	0.90	0.009
			I968776	58.00	59.00	1.00	0.008
			I968777	65.00	66.00	1.00	0.005
			I968778	66.00	67.00	1.00	0.006
			I968779	67.00	68.00	1.00	0.006
			I968780	68.00	69.00	1.00	0.006
			I968781	69.00	70.00	1.00	0.008
			I968782	70.00	71.00	1.00	0.053
			I968783	71.00	72.00	1.00	0.0025
73.90	80.30	**MV Mafic Volcanic** H=7, MS=0.5-2.0					
80.30	90.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.5, Fol 50 deg to CA, Flow top breccia. Tr pocpy strgrs fol parallel	I968785	84.00	85.00	1.00	0.006
90.50	111.90	**MV Mafic Volcanic** H=6, MS=0.35, Pillowed, Qtz-carb within salvages, 109.9-110.1m vfg dark grey chill	I968786	96.50	97.50	1.00	0.005
			I968787	107.40	108.50	1.10	0.006
			I968788	108.50	109.60	1.10	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
111.90 -	115.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6.5, MS=0.3, Fol 45 deg to CA, tr pocpy strgrs fol parallel, local breccia	I968789	114.00	115.00	1.00	0.005
115.20 -	131.10	**MV Mafic Volcanic** H=6, MS=0.5 118.5-119.3m MVSH fol 50 deg to CA	I968790	118.30	119.30	1.00	0.011
131.10 -	136.90	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.4, Fol 50 deg to CA, Pillow salvages, Tr-1% po strgrs, Tr cpy 135.5-136.1m MV	I968791	132.50	133.50	1.00	0.006
			I968792	133.50	134.50	1.00	0.0025
			I968794	134.50	135.50	1.00	0.005
			I968795	135.50	136.10	0.60	0.005
			I968796	136.10	136.90	0.80	0.007
136.90 -	149.70	**MV Mafic Volcanic** H=6, MS=0.7 143.5-148.75m Flow breccia 0.5-3cm clasts, 1% white QVs up to 10cm, 1-2% popy tr cpy, bleached. MS 2.3-5.4	I968797	145.50	146.50	1.00	0.005
			I968798	146.50	147.50	1.00	0.006
			I968799	147.50	148.50	1.00	0.006
149.70 -	159.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.3-2.3, Fol 45 deg to CA, 1-2% QVs mm-2cm scale, Minor sericite increasing down unit, Few qtz-carb strgrs cross cutting fol 156.4-157m buff	I968800	151.50	152.50	1.00	0.007
			I968851	154.00	155.00	1.00	0.007
			I968852	155.00	156.00	1.00	0.015
			I968853	156.00	157.00	1.00	0.009
			I968854	157.00	158.00	1.00	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
159.00	166.40	**MV Mafic Volcanic** H=6.5, MS=0.4, 159-162m 1-3% cg py cubes decreasing down unit 166-166.4m silicified breccia	I968856	160.00	161.00	1.00	0.008
			I968857	161.00	162.00	1.00	0.006
166.40	174.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.85, Fol variable 45-60 deg to CA, tr pocpy strgrs fol parallel, 1% white QVs, few mm qtz-carb veins cross cutting fol	I968858	167.50	168.50	1.00	0.016
			I968859	168.50	169.50	1.00	0.008
			I968860	169.50	170.50	1.00	0.041
174.60	176.60	**DIOD Diorite Dike** H=7, MS=0.12, Mod fol 50 deg to CA, minor carb, sharp contacts 50 deg to CA.					
176.60	177.50	**CLSCH** H=5, MS=0.3, Fol 45 deg to CA, 1% popy, Minor sericite bands					
177.50	186.80	**MV Mafic Volcanic** H=6, MS=0.07, 181.6m 2cm Qtz-carb vein 182.5-184m sparse k-spar phenocrysts	I968862	181.25	182.25	1.00	0.008
186.80	188.20	**DIOD Diorite Dike** H=7, MS=0.1					

Lithology From	To		Sample #	From	To	Len.	Au ppm
188.20 -	192.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.8, fol 45 deg to CA	I968863	188.20	189.00	0.80	0.005
192.75 -	193.65	**DIOD Diorite Dike** H=7, MS=0.2, Sharp contacts 45 deg to CA					
193.65 -	201.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.5, 200.5-201m sericite bands	I968864	194.00	195.00	1.00	0.005
			I968865	198.00	199.00	1.00	0.006
			I968866	199.00	200.00	1.00	0.006
			I968867	200.00	201.00	1.00	0.018

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	Co-ordinate System	Grid/Property	Hole Type	Length	Date Started
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	150.00	26/05/2010

District	UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method	Date Completed
Kenora	5476444.03	522119.12	-1875.00	5200.00	Differential GPS	27/05/2010

Project	UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor	Date Logged
Kenwest	409.54	297.00		-44.50	Downing Drilling	

Area	Claim No.	NTS Sheet	Supervised By	Logged By	Verified
Boyer Lake Area	HP366		T. Keast	T. Taras	☐

Zone/Prospect	Assessment Rpt. No.	Core Storage	Plug Depth	Makes Water	Capped	Environmental Inspection
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	150	Casing Pulled	Casing (1)		NW Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			☐	(2)			☐	☐		

Purpose	Results	Comments
Test IP		35 boxes stored at Bigmaster Site

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
6.00			296.5	296.5	-44.5	-44.5	☐	Ranger SS		
51.00			306	306	-43.5	-43.5	☐	Ranger SS		
99.00			305	305	-43	-43	☐	Ranger SS		
150.00			307	307	-42.5	-42.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	3.00	**CAS Casing**					
3.00	7.20	**MV Mafic Volcanic** H=6; MS=0.3					
7.20	12.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5; MS= 0.5 FOL 50 T0 CA 9-11m stronger fol 2% QVs // fol; tr-1% po, py string // fol	I968868	9.00	10.00	1.00	0.428
			I968869	10.00	11.00	1.00	0.167
12.00	27.50	**MV Mafic Volcanic** H=6; MS=0.5 sparse feld pheno's up to 1 cm large 19.1-19.9 MVSH fol 45 to CA, tr-1% po py string // fol	I968870	20.50	21.50	1.00	0.006
27.50	36.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 to CA; tr-1% py, po string; increasing sericite down hole	I968871	29.00	30.00	1.00	0.02
			I968872	30.00	31.00	1.00	0.034
			I968873	31.00	32.00	1.00	0.07
			I968875	32.00	33.00	1.00	0.015
			I968876	33.00	34.00	1.00	0.009
			I968877	34.00	35.00	1.00	0.008
			I968878	35.00	36.00	1.00	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
36.00	44.80	**SERSCH Sericite Schist** H=7; MS= 0.02 buff yellow colour; fol 45 to CA; 30-40% QVs; tr py, po; QVs // to fol, and x-cutting fol	I968879	36.00	37.00	1.00	0.006
			I968880	37.00	38.00	1.00	0.006
			I968881	38.00	39.00	1.00	0.0025
			I968883	39.00	40.00	1.00	0.007
			I968884	40.00	41.00	1.00	0.0025
			I968885	41.00	42.00	1.00	0.006
			I968886	42.00	43.00	1.00	0.0025
			I968887	43.00	44.00	1.00	0.0025
			I968888	44.00	44.80	0.80	0.0025
44.80	53.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; H=6; MS=0.3 45.5-46.2 strong fol, 1-2% py, po string, 5 % qtzcarb veins // fol 47-47.8 strong fol with sericite and chlorite	I968889	44.80	46.00	1.20	0.014
			I968890	46.00	47.00	1.00	0.621
			I968891	47.00	48.00	1.00	0.072
			I968892	48.00	49.00	1.00	0.008
			I968893	51.00	52.00	1.00	0.005
53.60	68.00	**MV Mafic Volcanic** H=7; MS= 0.5 po, py string in pillow salvages	I968894	55.00	56.00	1.00	0.0025
			I968895	60.50	61.50	1.00	0.006
68.00	68.95	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA					
68.95	70.00	**DIOD Diorite Dike** H=7; MS= 0.2 fol 45 deg to CA					

Lithology From	To		Sample #	From	To	Len.	Au ppm
70.00	72.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6; MS =0.5 fol 40 deg to CA	I968896	70.00	71.00	1.00	0.009
			I968897	71.00	72.00	1.00	0.014
72.00	84.50	**MV Mafic Volcanic** 75.5-78 flow breccia	I968898	78.50	79.50	1.00	0.0025
84.50	86.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45deg to CA	I968899	85.00	86.00	1.00	0.005
86.00	103.00	**MV Mafic Volcanic** H=7 91-91.4 MVSH fol 50 deg to CA 95.75-96.2 feldspar amgydules?	I968900	88.00	89.00	1.00	0.009
103.00	104.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** strong fol 50 deg to CA; strong shearing leading into fault	I968901	103.00	104.00	1.00	0.215
104.00	111.00	**MV Mafic Volcanic** 104-107.5 Fault gauge? 107-107.5 clay seam 107.5-111 brecciated (fault breccia?)					

Lithology From	To		Sample #	From	To	Len.	Au ppm
111.00 -	113.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA, tr po, py string // fol	I968902	112.00	113.00	1.00	0.006
113.50 -	146.65	**MV Mafic Volcanic** 113.5-119 sparse feld pheno's 132-146.65 1% po salvages; tr cpy, py	I968903	131.00	132.00	1.00	0.013
			I968904	134.00	135.00	1.00	0.006
			I968905	137.00	138.00	1.00	0.031
			I968906	139.00	140.00	1.00	0.008
			I968907	140.00	141.00	1.00	0.006
			I968908	141.00	142.00	1.00	0.007
			I968909	142.00	143.00	1.00	0.01
			I968910	143.00	144.00	1.00	0.0025
			I968911	144.00	145.00	1.00	0.009
146.65 -	148.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA					
148.00 -	150.00	**MV Mafic Volcanic**					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	174.00	27/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476456.72	522377.75	-1702.00	5400.00	Differential GPS	30/05/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	398.13	308.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K4882		T. Keast	P. McChesney	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	174	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test IP and Paymaster Trend		40 boxes stored at bigmaster site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
9.00			308.5	308.5	-44	-44	☐	Ranger SS		
51.00			319.5	319.5	-43	-43	☐	Ranger SS		
99.00			318	318	-40.5	-40.5	☐	Ranger SS		
174.00			318	318	-40	-40	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	3.00	**CAS Casing**					
3.00	5.90	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=7, MS=0.09, Fol 60 deg to CA, silicified, 1% grey white QVs fol parallel and cross cutting, minor ank, tr pycpy	I968912	3.00	4.00	1.00	0.0025
			I968913	4.00	5.00	1.00	0.0025
			I968914	5.00	5.90	0.90	0.0025
5.90	9.30	**SYD Syenite Dike** K-spar alt? H=7, MS=0.3, sheared 60 deg to CA, strong fol, 5-7% irregular QVs, silicified, chlorite seams, Tr pycpy	I968916	7.00	8.00	1.00	0.0025
			I968918	8.00	9.30	1.30	0.006
9.30	10.25	**QV Quartz Vein** H=7, MS=0.1, 60% white-grey QVs up to 20 cm, chl seams, MV fragments, tr pycpy, minor ank, UC sharp 60 deg to CA					
10.25	15.00	**CLSCH** H=4, MS=0.2, Strong fol 45 deg to CA, Chl-Alb(?) mm scale bands, 1% Qtz-carb strgrs, minor Ank, tr py strgrs fol parallel, 10.25-10.6m sheared SYN (or alteration?) 12.3-12.4m grey white qtz carb vein	I968921	10.25	11.00	0.75	0.0025
			I968922	11.00	12.00	1.00	0.023
			I968923	12.00	13.00	1.00	0.108
			I968924	13.00	14.00	1.00	0.012
			I968925	14.00	15.00	1.00	0.005
15.00	23.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5, MS=0.3, Fol 50 deg to CA, Strong shear top and bottom of usit decreasing toward the center, <1% qtz-carb veins	I968926	15.00	16.00	1.00	0.0025
			I968927	22.50	23.20	0.70	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
23.20	26.90	**SRSCH** H=6, MS=0.02, Fol 45 deg to CA, 1% QVs fol parallel, Sericite decreasing and chlorite increasing down unit, Tr pycpy, patchy ankerite, 24.6-25m QVs with abundant ankerite, minor chl-ser, tr pycpy	I968929	24.00	25.00	1.00	0.068
			I968930	25.00	26.00	1.00	0.024
			I968931	26.00	26.90	0.90	0.01
26.90	29.00	**CLSCH** H=6, MS=0.08, Fol 45 deg to CA, <1% QVs, Tr pycpy, weakly silicified 27.5-28.5m k-spar alteration?	I968932	26.90	28.00	1.10	0.063
			I968933	28.00	29.00	1.00	0.009
29.00	48.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 45 deg to CA, carb strgrs, <1% QVs 36.5-39.9m strong shear, minor sericite 44-48.5m sheared MVPH	I968934	29.00	30.00	1.00	0.0025
			I968935	36.50	37.50	1.00	0.0025
			I968936	37.50	38.50	1.00	0.019
			I968937	38.50	39.50	1.00	0.006
			I968938	47.50	48.50	1.00	0.0025
48.50	54.20	**CLSCH** H=5, MS=0.25, strong fol 45-50 deg to CA, Tr-1% py, tr cpy, minor sericite, <1% QVs 50.25-51.5m MVSH 53.9-54m QV 80% qtz-carb, minor chl seams	I968939	48.50	49.50	1.00	0.0025
			I968940	49.50	50.50	1.00	0.0025
			I968941	50.50	51.50	1.00	0.0025
			I968944	52.50	53.50	1.00	0.006
			I968945	53.50	54.20	0.70	0.081

Lithology								
From		*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
54.20	-	66.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=7-39, Fol 45 deg to CA, 1% po patches 57.9-58.25m QV, 80% qtz, chl clots and seams 64-66.6m epidote patches	I968946	57.50	58.50	1.00	0.0025
				I968947	64.50	65.50	1.00	0.0025
				I968948	65.50	66.60	1.10	0.0025
66.60	-	67.60	**CLSCH** Fol 40-50 deg to CA, minor sericite, 2-3% qtz-carb strgrs	I968950	66.60	67.60	1.00	0.006
67.60	-	69.00	**LC Lost Core**					
69.00	-	69.70	**CLSCH** Fol 40-50 deg to CA, minor sericite, 2-3% qtz-carb strgrs	I968951	69.00	69.70	0.70	0.0025
69.70	-	72.00	**LC Lost Core**					
72.00	-	82.35	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=2-9, Shear decreasing down unit, fol 45 deg to CA, weak to mod silicified, <1% QVs, patchy 1-3% py locally	I968952	72.00	73.00	1.00	0.007
				I968953	73.00	74.00	1.00	0.0025
				I968954	74.00	75.00	1.00	0.0025
				I968955	75.00	76.00	1.00	0.0025
				I968956	76.00	77.00	1.00	0.0025

Lithology *From*	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
82.35	87.00	**DIOD Diorite Dike** Fol 50 deg to CA, Bleached, possibly altered seds? , <1% QVs and patches, minor sericite, UC sharp 45 deg to CA	I968957	82.50	83.50	1.00	0.017
87.00	96.35	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=9-15, Fol 45 deg to CA	I968958	95.50	96.35	0.85	0.0025
96.35	99.50	**CLSCH** H=4, MS=0.2, abundant carb strgrs, 3% mm scale QVs, patchy tr-3% py, tr cpy 96.9-97.4m Sericite patch 98-98.5m LC	I968959	96.35	97.00	0.65	0.175
			I968960	97.00	98.00	1.00	0.033
			I968961	98.50	99.50	1.00	0.008
99.50	101.70	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 50 deg to CA, irregular carbonate strgrs	I968962	99.50	100.50	1.00	0.0025
			I968963	100.50	101.50	1.00	0.0025
101.70	138.55	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** H=6, MS=0.3, black chlorite spots near UC, few 1-3cm Qtz-carb strgrs, pillow salvages with localized shearing	I968964	108.50	109.50	1.00	0.02
			I968965	121.50	122.50	1.00	0.072
			I968966	122.50	123.50	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
138.55 -	144.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6.5, MS=0.4, fol 50-60 deg to CA, cherty bands, tr po strgrs pol parallel, possibly altered sediments, darker layers possibly argillite? Minor mm scale normal faulting	I968968	139.50	140.50	1.00	0.0025
			I968969	140.50	141.50	1.00	0.0025
			I968970	141.50	142.50	1.00	0.0025
			I968971	142.50	143.50	1.00	0.019
			I968972	143.50	144.20	0.70	0.0025
144.20 -	158.00	**MV Mafic Volcanic** H=6, MS=0.45, Sparse k-spar phenos, mg-cg flows					
158.00 -	165.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6, MS=0.4, Fol 45 deg to CA, weak to mod silicified, minor sericite bands, 1-3% qtz-carb strgrs fol parallel decreasing down unit, tr pycpy	I968973	158.00	159.00	1.00	0.0025
			I968974	159.00	160.00	1.00	0.0025
			I968975	160.00	161.00	1.00	0.013
			I968976	161.00	162.00	1.00	0.0025
			I968977	162.00	163.00	1.00	0.0025
			I968979	163.00	164.00	1.00	0.0025
			I968980	164.00	165.00	1.00	0.0025
			I968981	165.00	165.75	0.75	0.0025
165.75 -	174.00	**SBZ Blue Silicified Zone** H=7, MS=0.1, fg, very silicified, fed qtz strgrs 20-30 deg to CA cross cutting fol 45 deg to CA, tr py cubes, minor sericite throughout	I968982	165.75	166.50	0.75	0.0025
			I968983	166.50	168.00	1.50	0.0025
			I968984	168.00	169.00	1.00	0.0025
			I968985	169.00	170.00	1.00	0.0025
			I968986	170.00	171.00	1.00	0.0025
			I968987	171.00	172.00	1.00	0.0025
			I968988	172.00	173.00	1.00	0.032
			I968989	173.00	174.00	1.00	0.006

Lithology							
From	To	Sample #	From	To	Len.	Au ppm	

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	285.00	30/05/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476547.19	522293.63	-1826.00	5400.00	Differential GPS	01/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	392.41	316.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K4882		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	285	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test IP		MS Measurements every meter; Casing bent when drill moved off site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			316.5	316.5	-44	-44	☐	Ranger SS		
51.00			320	320	-43	-43	☐	Ranger SS		
99.00			318	318	-39	-39	☐	Ranger SS		
150.00			317	317	-34.5	-34.5	☐	Ranger SS		
198.00			316.5	316.5	-34	-34	☐	Ranger SS		
249.00			317.5	317.5	-32.5	-32.5	☐	Ranger SS		
285.00			317	317	-32.5	-32.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	3.00	**CAS Casing**					
3.00	5.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** strong fol 35 deg to CA; tr po, py parallel fol; minor QVs H=6; MS= 1	I968990	3.00	4.00	1.00	0.006
			I968991	4.00	5.00	1.00	0.006
			I968992	5.00	5.80	0.80	0.006
5.80	28.60	**MV Mafic Volcanic** H=4; MS= 0.8 5.8-12 pillowed 12-20.5 massive 20.5-28.6 pillowed; minor QVs along salvages; tr py	I968995	20.50	21.50	1.00	0.007
28.60	39.85	**SBZ Blue Silicified Zone** mafic dyke? H=7; MS=variable (0.00-0.1) greyish blue in colour (silicified) locally distinct light & dark banding Sharp upper and lower contacts (UC=40 deg to CA; LC=45 deg to CA). Contacts with MV appear slightly sheared approx. 20 cm into MV-indicating intrusive? Foliation (banding) 45 deg to CA; py parallel fol; minor QVs	I968997	30.00	31.00	1.00	0.006
			I968998	31.00	32.00	1.00	0.0025
			I968999	32.00	33.00	1.00	0.017
			I969000	33.00	34.00	1.00	0.0025
			I969001	34.00	35.00	1.00	0.006
			I969002	35.00	36.00	1.00	0.006
			I969003	36.00	37.00	1.00	0.006
			I969004	37.00	38.00	1.00	0.007
			I969005	38.00	39.00	1.00	0.027
			I969006	39.00	39.85	0.85	0.005
39.85	45.85	**MV Mafic Volcanic** H=6; MS= 0.3 pillowed; local breccia	I969007	39.85	41.00	1.15	0.015
			I969008	41.00	42.00	1.00	0.012

Lithology From	To		Sample #	From	To	Len.	Au ppm
45.85	48.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5.5; MS=0.5 fol 45 deg to CA; abund carb parallel fol	I969009	45.85	47.00	1.15	0.005
			I969010	47.00	48.20	1.20	0.007
48.20	76.00	**MV Mafic Volcanic** H=6; MS=0.7 minor qv's in salvages 63.3-64.5 30%QVs; tr py, po, cpy	I969011	58.00	59.00	1.00	0.007
			I969012	59.00	60.00	1.00	0.006
			I969013	60.00	61.00	1.00	0.01
			I969014	61.00	62.00	1.00	0.007
			I969015	62.00	63.00	1.00	0.007
			I969016	63.00	64.00	1.00	0.007
			I969017	64.00	65.00	1.00	0.005
			I969018	65.00	66.00	1.00	0.007
			I969020	68.50	69.50	1.00	0.012
			I969021	69.50	70.50	1.00	0.011
76.00	77.25	**DIOD Diorite Dike** sharp UC (irregular) and LC (45 deg to CA)					
77.25	78.00	**MV Mafic Volcanic**					
78.00	85.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA	I969022	82.50	83.50	1.00	0.006
85.40	91.10	**MV Mafic Volcanic**					

Lithology From	To		Sample #	From	To	Len.	Au ppm
91.10 -	103.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 94-97.5 strong fol 45 deg to CA; abund sericite; dark grey/black clasts up to 1 cm (braccia?)	I969023	92.50	93.50	1.00	0.021
			I969024	93.50	94.50	1.00	0.005
			I969025	94.50	95.50	1.00	0.005
			I969026	95.50	96.50	1.00	0.163
			I969027	96.50	97.50	1.00	0.0025
			I969028	97.50	98.50	1.00	0.012
103.50 -	115.00	**MV Mafic Volcanic**					
115.00 -	118.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA 116.5-116.8 increased amount of sericite 116.8-117 QV	I969029	115.00	116.00	1.00	0.0025
			I969030	116.00	117.00	1.00	0.0025
			I969031	117.00	118.20	1.20	0.533
118.20 -	119.15	**SBZ Blue Silicified Zone** minor sericite; minor QV's; no visible sulphides; sharp UC and LC 60 deg to CA	I969032	118.20	119.15	0.95	0.017
119.15 -	122.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA	I969035	120.00	121.00	1.00	0.0025
122.00 -	127.75	**MV Mafic Volcanic**					

Lithology From	To		Sample #	From	To	Len.	Au ppm
127.75 -	128.50	**SEDS Sandstone, Argillite, Mudstones** vfgr, dark and light bands (bedding?); tr py along bedding planes and remobalized in qtzcarb filled fractures					
128.50 -	137.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA 133-137 dark grey colour	I969036	134.00	135.00	1.00	0.005
137.00 -	149.75	**SERSCH Sericite Schist** silicified; H >7 fol 55 deg to CA 138.6-139.5 60% QVs, 1% py, po. 140.8 - 10 cm QV 141.55- 10 cm QV 141-149.75 darker crosscutting "veinlets" (C-S fabric?)	I969037	137.00	138.00	1.00	0.01
			I969038	138.00	139.00	1.00	0.224
			I969039	139.00	140.00	1.00	0.419
			I969040	140.00	141.00	1.00	0.085
			I969042	141.00	142.00	1.00	0.0025
			I969043	142.00	143.00	1.00	0.006
			I969044	143.00	144.00	1.00	0.007
			I969045	144.00	145.00	1.00	0.0025
			I969046	145.00	146.00	1.00	0.0025
			I969047	146.00	147.00	1.00	0.0025
			I969048	147.00	148.00	1.00	0.0025
			I969049	148.00	149.00	1.00	0.0025
			I969050	149.00	149.75	0.75	0.0025
149.75 -	154.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA dark grey in colour 151.85-151.95 10 cm DIOD 152.7-153.3 DIOD	I969052	149.75	151.00	1.25	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
154.10	174.65	**MV Mafic Volcanic** massive flow; medium grained 159.9 10 cm epidote patch with pink calcite 162.1-163.1 MVSH fol 50 deg to CA; no visible sulphides; <1% QV 170.25-174.65 patchy amgydules					
174.65	177.90	**SBZ Blue Silicified Zone** silicified; indistinct contacts No QVs; no visible sulphides; vfgr	I969053	177.00	177.90	0.90	0.018
177.90	180.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 60 deg to CA; 2-3% po, py string parallel fol as well as dissiminated throughout; 1% qtzcarb veins near upper portion of unit	I969054	177.90	179.00	1.10	0.0025
			I969055	179.00	180.00	1.00	0.0025
180.75	196.15	**MV Mafic Volcanic** po, cpy stirngers in salvages 194-196.15 sparse feld pheno	I969056	185.50	186.50	1.00	0.007
			I969057	190.50	191.50	1.00	0.0025
			I969058	191.50	192.50	1.00	0.0025
			I969059	192.50	193.50	1.00	0.0025
			I969060	193.50	194.50	1.00	0.0025
196.15	199.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 60 deg to CA; tr py, po; minor sericite, minor QV's; minor QVs	I969061	197.00	198.00	1.00	0.042
			I969062	198.00	199.00	1.00	0.585

Lithology From	To		Sample #	From	To	Len.	Au ppm
199.00 -	214.70	**MV Mafic Volcanic** 207.4-208.4 MVSH fol 60 deg to CA	I969063	201.00	202.00	1.00	0.0025
			I969064	207.40	208.40	1.00	0.006
214.70 -	220.45	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=5; fol 60 deg to CA; minor QVs parallel fol	I969065	214.70	216.00	1.30	0.0025
			I969066	216.00	217.00	1.00	0.0025
			I969067	217.00	218.00	1.00	0.0025
220.45 -	222.40	**DIOD Diorite Dike** fol 60 deg to CA; silicified; sharp UC and LC 45 deg to CA	I969068	221.00	222.40	1.40	0.013
222.40 -	232.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6' fol 45 deg to CA 224-225 vfgr brown mica (biotite?) parallel fol	I969069	222.40	223.00	0.60	0.007
			I969070	223.00	224.00	1.00	0.071
			I969071	224.00	225.00	1.00	0.173
			I969073	225.00	226.00	1.00	0.01
232.50 -	237.00	**MV Mafic Volcanic** sparse feld phenos					

Lithology From	To		Sample #	From	To	Len.	Au ppm
237.00 -	249.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 243.5-247 2-3% po, py, cpy; minor qtzcarb veins 241.5-242.15 DIOD	I969074	240.00	241.00	1.00	0.012
			I969075	244.00	245.00	1.00	0.041
			I969076	245.00	246.00	1.00	0.011
			I969077	246.00	247.00	1.00	0.005
			I969078	247.00	248.00	1.00	0.0025
			I969079	248.00	248.75	0.75	0.074
			I969081	248.75	249.50	0.75	0.005
249.50 -	251.25	**MV Mafic Volcanic**					
251.25 -	252.45	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA	I969082	251.25	252.45	1.20	0.0025
252.45 -	253.60	**DIOD Diorite Dike** sharp UC 65 deg to CA; LC gradational					
253.60 -	254.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
254.75 -	257.00	**SRSCH** fol 45 to CA; tr po, py 254.8-255.9 70% grey-white QV w/ chlorite and sericite	I969084	254.75	256.00	1.25	1.085
			I969085	256.00	257.00	1.00	2.5

Lithology From	To		Sample #	From	To	Len.	Au ppm
257.00 -	278.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA 259.5-261.5 chl/carb/feld filled amygdules? 262.5-263.5 15% carb 276-277 biotite?	I969086	257.00	258.00	1.00	0.107
			I969088	262.50	263.50	1.00	0.005
			I969089	270.50	271.50	1.00	0.009
			I969090	276.00	277.00	1.00	0.128
			I969091	277.00	278.25	1.25	0.126
278.25 -	281.00	**MV Mafic Volcanic** pillowed	I969092	278.25	279.50	1.25	0.0025
			I969093	279.50	280.25	0.75	0.0025
			I969094	280.25	281.00	0.75	0.0025
281.00 -	282.15	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA; <5%QV	I969095	281.00	282.15	1.15	0.0025
282.15 -	285.00	**MV Mafic Volcanic** sparse feld pheno's 282..75 1 cm QV 20 deg to CA with 3-5% po, cpy (po in cubic form=pseudomorph of py?)	I969096	282.15	283.00	0.85	0.0025

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	Co-ordinate System	Grid/Property	Hole Type	Length	Date Started
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	279.00	02/06/2010

District	UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method	Date Completed
Kenora	5476600	522112	-1997.00	5303.00	Hand-held GPS	03/06/2010

Project	UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor	Date Logged
Kenwest	417.00	316.00		-55.00	Downing Drilling	

Area	Claim No.	NTS Sheet	Supervised By	Logged By	Verified
Boyer Lake Area	HP366		T. Keast	T. Taras	☐

Zone/Prospect	Assessment Rpt. No.	Core Storage	Plug Depth	Makes Water	Capped	Environmental Inspection
		Kenwest Site		☐	☐	☐

Core Size (1)	NQ	279	Casing Pulled	Casing (1)		NW Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			☐	(2)			☐	☐		

Purpose	Results	Comments
Test Big Master #2 trend		Extended Jan 19-22 2011 from 96m to 279m to test BM # 1 trend at the 180m (600') mine level; 65 Boxes stored at Kenwest site (boxes 1-22 in core racks; boxes 23-65 cross-pilied)

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
9.00			316	316	-55	-55	☐	Ranger SS		
51.00			316	316	-54.5	-54.5	☐	Ranger SS		
96.00			320.5	320.5	-53	-53	☐	Ranger SS		
159.00			313.6	313.6	-52.1	-52.1	☐	Ranger SS		
201.00			320.7	320.7	-52	-52	☐	Ranger SS		
279.00			321.5	321.5	-46.8	-46.8	☐	Ranger SS		

Lithology								
From		*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
0.00	-	3.60	**CAS Casing**					
3.60	-	10.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
			H=5.5; MS=3.2	I969097	3.60	4.50	0.90	0.035
			fol 45 deg to CA; 2-3% po, py	I969098	4.50	5.50	1.00	0.005
			5.85-6.15 70% QVs; 1% po, py	I969099	5.50	6.50	1.00	0.013
				I969101	6.50	7.50	1.00	0.006
				I969102	7.50	8.50	1.00	0.0025
				I969103	8.50	9.50	1.00	0.0025
				I969104	9.50	10.20	0.70	0.0025
10.20	-	42.00	**MV Mafic Volcanic**					
			massive	I969105	30.50	31.50	1.00	0.0025
			26.6-29.5 feld filled amygdules					
			H=6; MS=0.3 (area with amygdules has higher MS = 1.26)					
42.00	-	44.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
			H=5.5; MS= 0.3	I969106	44.00	44.80	0.80	0.025
			fol 40 deg to CA; stronger foliation down unit					
44.80	-	47.25	**SRSCH**					
			44.8-50.2 Big Master #2 trend	I969107	44.80	46.00	1.20	2.1
			abund dark brown mica (botite?)	I969108	46.00	47.25	1.25	1.175
			fol 35 deg to CA; <5% QVs parallel fol; 1-2% po, py					
47.25	-	47.85	**QV Quartz Vein**					
			white-grey vein; 1% po, py; UC 50 deg to CA; LC 45 deg to CA	I969109	47.25	47.85	0.60	1.58
			VG @ 47.84m					

Lithology From	To		Sample #	From	To	Len.	Au ppm
47.85 -	50.20	**SRSCH** H=6; MS=2.6 fol 40 deg to CA; 1-2% po, py	I969111	47.85	49.00	1.15	5.73
			I969112	49.00	50.20	1.20	0.037
50.20 -	63.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** H=6; MS=0.3 fol 45 deg to CA; 1% py, py (50.2-53 py appears to be infilling amygdules) 61.5-62 25% QVs	I969114	51.00	52.00	1.00	0.013
			I969115	52.00	53.00	1.00	0.111
			I969116	53.00	54.00	1.00	0.037
			I969117	54.00	55.00	1.00	0.007
			I969118	55.00	56.00	1.00	0.012
			I969119	56.00	57.00	1.00	0.006
			I969120	57.00	58.00	1.00	0.012
			I969121	58.00	59.00	1.00	0.029
			I969122	59.00	60.00	1.00	0.005
			I969123	60.00	61.00	1.00	0.007
			I969124	61.00	62.00	1.00	0.009
			I969125	62.00	63.25	1.25	0.008
63.25 -	85.20	**MV Mafic Volcanic** H=6; MS=0.6 coarse grain flows					

Lithology From	To		Sample #	From	To	Len.	Au ppm
85.20 -	93.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA 87.5-88 flow breccia	I969126	85.20	86.50	1.30	0.0025
			I969127	86.50	87.50	1.00	0.0025
			I969128	87.50	88.50	1.00	0.0025
			I969129	88.50	89.50	1.00	0.005
			I969130	89.50	90.50	1.00	0.0025
			I969131	90.50	91.50	1.00	0.0025
			I969132	91.50	92.50	1.00	0.0025
93.00 -	96.00	**MV Mafic Volcanic** H=6; MS=0.12					
96.00 -	133.50	**MV Mafic Volcanic** pillowed; locally weakly sheared; fol 40 deg to CA; MS=0.4; local QVs; sparse feld phenos 107.25-108.5 3-5% QVs; tr py,po; weakly sheared fol 40 deg to CA	J468651	107.25	108.50	1.25	0.0025
			J468652	122.50	123.50	1.00	0.0025
			J468653	132.50	133.50	1.00	0.0025
133.50 -	137.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; 5-7% QVs; tr-1% py,po,cpy; MS=0.2	J468654	133.50	134.75	1.25	0.0025
			J468655	134.75	136.00	1.25	0.0025
			J468656	136.00	137.00	1.00	0.0025
137.00 -	149.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** rounded feld phenos up to 2 cm in diameter	J468657	137.00	138.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
149.00 -	166.25	**MV Mafic Volcanic** pillowed; local QVs w/ tr py; mod chlorite; dark green clots (chlorite) throughout	J468658	153.00	154.00	1.00	0.039
			J468659	155.00	156.00	1.00	0.0025
			J468660	159.00	160.00	1.00	0.022
			J468661	162.00	163.00	1.00	0.0025
			J468663	163.00	164.00	1.00	0.0025
166.25 -	168.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; 1-2% py; tr QVs; MS=0.7; H=6-7	J468664	166.25	167.25	1.00	0.481
			J468665	167.25	168.25	1.00	0.021
168.25 -	174.50	**MV Mafic Volcanic** 168.25-170.3 dyke?? Or just flow contacts; fine grained;	J468666	168.25	169.00	0.75	0.055
174.50 -	184.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** intermediate in composition; MS=0.1; fol 50 deg to CA; tr-1% QVs // fol; grey in colour; tr py diss 183.65-184 gradational contact area; abundant fuchsite; 5% QVs; tr-1% py; pinkish colour; highly silicified; H>7	J468667	174.50	175.50	1.00	0.022
			J468668	175.50	176.50	1.00	0.232
			J468669	176.50	177.50	1.00	0.0025
			J468670	177.50	178.50	1.00	0.007
			J468671	178.50	179.50	1.00	0.047
			J468672	179.50	180.50	1.00	0.091
			J468673	180.50	181.50	1.00	0.0025
			J468675	181.50	182.50	1.00	0.435
			J468676	182.50	183.25	0.75	0.088
			J468677	183.25	184.00	0.75	0.048

Lithology From	To		Sample #	From	To	Len.	Au ppm
184.00 -	186.20	**DIOD Diorite Dike** ??; gradational UC; but definite intrusive unit; slight red/pinkish alteration; weakly sheared 45 deg to CA; local chlorite clots; tr diss py	J468678	184.00	185.00	1.00	0.0025
			J468679	185.00	186.20	1.20	0.0025
186.20 -	204.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** intermediate composition; MS=0.1 186.2-190 highly altered; pink/red alteration (k-spar?); minor sericite; tr diss py; local QVs; sheared fol 40 deg to CA; shearing increasing down unit 196-204 strong shear; abund buff beige mineral (sericite?); local black bands (tourmaline?)	J468680	186.20	187.00	0.80	0.0025
			J468681	187.00	188.00	1.00	0.0025
			J468682	188.00	189.00	1.00	0.0025
			J468683	189.00	190.00	1.00	0.0025
			J468684	190.00	191.50	1.50	0.0025
			J468685	191.50	193.00	1.50	0.024
			J468686	193.00	194.50	1.50	0.0025
			J468687	194.50	196.00	1.50	0.092
			J468688	196.00	197.50	1.50	0.009
			J468689	197.50	199.00	1.50	0.043
			J468690	199.00	200.00	1.00	0.0025
			J468691	200.00	201.00	1.00	0.0025
			J468693	201.00	202.00	1.00	0.019
			J468694	202.00	203.00	1.00	0.008
			J468695	203.00	204.00	1.00	0.0025
204.00 -	207.40	**CLSCH** fol 45 deg to CA; local minor sericite; local micro-faults (206.75-207); see photos; tr diss py; MS=0.4-0.6	J468696	204.00	205.00	1.00	0.0025
			J468697	205.00	206.00	1.00	0.015
			J468698	206.00	207.40	1.40	0.18
207.40 -	209.00	**QV Quartz Vein** 207.4-208.3 95% QV; white; local SER and chl; 1-2% py strings and diss; 207.65 small fleck of VG 208.3-209 65-70% QV with local CHLSCH; 1-2% py strings and diss; local ser.	J468699	207.40	208.30	0.90	6.28
			J468700	208.30	209.00	0.70	2.71

Lithology *From*	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
209.00 -	214.00	**CLSCH** fol 45 deg to CA; local minor sericite, tr diss py	J468701	209.00	210.00	1.00	0.3
			J468702	210.00	211.00	1.00	0.025
			J468703	211.00	212.00	1.00	0.08
			J468704	212.00	213.00	1.00	0.0025
			J468705	213.00	214.00	1.00	0.0025
214.00 -	217.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** ntermediate composition; MS=0.1;minor sericite; tr diss py; local QVs; sheared fol 40 deg to CA;	J468706	214.00	215.00	1.00	0.0025
			J468707	215.00	216.00	1.00	0.0025
			J468708	216.00	217.00	1.00	0.0025
217.00 -	228.50	**MV Mafic Volcanic** sparse feld phenos	J468709	217.00	218.00	1.00	0.0025
228.50 -	234.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; local QVs; tr py MS=0.3	J468710	229.00	230.00	1.00	0.0025
			J468711	230.00	231.50	1.50	0.0025
			J468713	231.50	232.50	1.00	0.0025
			J468714	232.50	234.00	1.50	0.0025
			J468715	234.00	234.75	0.75	0.0025
234.75 -	237.00	**SBZ Blue Silicified Zone** H>7; MS=0-0.04; local QVs; tr-1% py; minor-mod sericite alt locally	J468716	234.75	235.75	1.00	0.009
			J468717	235.75	237.00	1.25	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
237.00	248.00	**MV Mafic Volcanic** cgrflows; sparse feld phenos; MS=0.3-0.5	J468718	237.00	238.00	1.00	0.0025
248.00	258.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** feld phenos up to 1 cm; MS=0.3-0.9					
258.00	268.85	**MV Mafic Volcanic** sparse feld phenos; local QVs and wk shearing; local breccia	J468719	260.00	261.50	1.50	0.0025
268.85	271.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; 3-5% QVs; tr-1% py; MS=0-0.4; H=5-6	J468721	270.00	271.25	1.25	0.118
271.25	272.85	**FD Felsic Dike** ??? Yellowish-grey; med grained; abund qtz crystals; Mod-strong ser alt (especially at contacts); 1-3% QVs; tr py; mod fol 50 deg to CA; H=6-7; sharp UC/LC 50 deg to CA	J468722	271.25	272.85	1.60	0.06
272.85	275.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA; 2-3% QVs; tr py; MS=0.3	J468724	274.00	275.50	1.50	0.0025
275.50	279.00	**MV Mafic Volcanic** weakly sheared 55 deg to CA; tr Qtz-carb strgs; tr py; MS = up to 5.6	J468725	275.50	277.00	1.50	0.005

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	129.00	03/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476758.8	522094.92	-2117.00	5400.00	Differential GPS	04/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	400.61	320.00		-54.50	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP367		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	129	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #1 trend		29 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			320	320	-54.5	-54.5	☐	Ranger SS		
48.00			319	319	-52	-52	☐	Ranger SS		
99.00			317	317	-47.5	-47.5	☐	Ranger SS		
129.00			316.5	316.5	-45.5	-45.5	☐	Ranger SS		

Lithology								
From		*To*			*Sample #*	*From*	*To*	*Len.*	*Au ppm*
0.00	-	3.00	**CAS Casing**						
3.00	-	12.50	**MV Mafic Volcanic**						
			7.5 up to 3mm py cubes; some areas show slight fol; tr QVs		I969133	6.00	7.00	1.00	0.0025
					I969134	7.00	8.00	1.00	0.005
					I969135	8.00	9.00	1.00	0.005
					I969136	9.00	10.00	1.00	0.0025
12.50	-	34.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**						
			fol 35 deg to CA; tr py in or near qtz-carb veinlets		I969137	12.50	13.25	0.75	0.005
			21.5-22 25% qtz-carb veins parallel fol; 1% py		I969138	13.25	14.00	0.75	0.006
			24.3-26 med grained massive flow		I969139	14.00	15.00	1.00	0.353
					I969141	15.00	16.00	1.00	0.979
					I969142	20.00	21.00	1.00	0.009
					I969143	21.00	22.00	1.00	0.304
					I969144	22.00	23.00	1.00	0.01
					I969145	25.50	26.50	1.00	0.006
					I969146	26.50	27.50	1.00	0.01
					I969147	32.00	33.00	1.00	0.008
					I969148	33.00	34.10	1.10	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
34.10 -	54.50	**CLSCH** very hard (H=6-7); <5% QVs; tr py, po 35-38.6 pink alteration (k-spar?) strong fol 35 deg to CA 41.5-47 pink alteration (k-spar?) strong fol 35 deg to CA	I969149	34.10	35.00	0.90	0.005
			I969150	35.00	36.00	1.00	0.044
			I969152	36.00	37.00	1.00	0.014
			I969153	37.00	38.00	1.00	0.006
			I969154	38.00	39.00	1.00	0.022
			I969155	39.00	40.00	1.00	0.0025
			I969156	40.00	41.00	1.00	0.0025
			I969157	41.00	42.00	1.00	0.025
			I969158	42.00	43.00	1.00	0.036
			I969159	43.00	44.00	1.00	0.022
			I969160	44.00	45.00	1.00	0.019
			I969161	45.00	46.00	1.00	0.028
			I969162	46.00	47.00	1.00	0.153
			I969163	47.00	48.00	1.00	0.108
			I969164	48.00	49.00	1.00	0.008
			I969166	49.00	50.00	1.00	0.027
			I969167	50.00	51.00	1.00	0.133
			I969168	51.00	52.00	1.00	0.014
			I969169	52.00	53.00	1.00	0.005
			I969170	53.00	53.75	0.75	0.006
			I969171	53.75	54.50	0.75	0.005
54.50 -	63.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; tr py abundant dull brownish-beige minearl (ankerite?) disseminated throughout; elongate parallel fol	I969172	54.50	55.25	0.75	0.005
			I969173	55.25	56.00	0.75	0.0025
			I969174	56.00	57.00	1.00	0.007
			I969175	57.00	58.00	1.00	0.006
63.10 -	64.10	**MV Mafic Volcanic**					

Lithology From	To		Sample #	From	To	Len.	Au ppm
64.10 -	72.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 69.8-71 only sparse phenos	I969176	70.00	71.00	1.00	0.005
72.00 -	74.35	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; tr py	I969177	73.50	74.50	1.00	0.006
74.35 -	78.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 75.78-76.2 60% white QV; no visible sulphides	I969178	74.50	75.50	1.00	0.005
			I969179	75.50	76.50	1.00	0.006
78.00 -	79.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35 deg to CA 79-79.4 20% QV; tr py, cpy	I969180	78.50	79.50	1.00	0.119
79.80 -	90.90	**SBZ Blue Silicified Zone** silicified; sericite defining fol 40 deg to CA 81.7-81.85 30% QV, tr py, cpy	I969181	81.50	82.50	1.00	0.005
			I969182	85.00	86.00	1.00	0.048
			I969183	88.00	89.00	1.00	0.0025
			I969184	89.00	90.00	1.00	0.0025
			I969185	90.00	90.90	0.90	0.0025
90.90 -	103.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA 92.3-92.5 10% QVs with sericite; 1% py 100.4-100.6 5% QVs; 1% py	I969187	92.00	93.00	1.00	0.039
			I969189	97.50	98.50	1.00	0.024
			I969190	100.00	101.00	1.00	0.143

Lithology From	To		Sample #	From	To	Len.	Au ppm
103.75 -	105.00	**SRSCH** fol 40 deg to CA; tr py, cpy; silicified? Sharp contact indicative of intrusive protolith (felsic dyke); augened qtz eyes 104.55-104.75 multiple crosscutting qv's	I969191	103.75	105.00	1.25	0.057
105.00 -	115.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; 1-2% po, py 113.6 2-3 cm QV with 2-3%cpy, py, sphalerite?	I969192	107.50	108.50	1.00	2.11
			I969193	108.50	110.00	1.50	0.023
			I969194	110.00	111.00	1.00	0.01
			I969195	111.00	112.00	1.00	0.0025
			I969196	112.00	113.00	1.00	0.005
			I969197	113.00	114.00	1.00	0.0025
			I969198	114.00	115.00	1.00	0.0025
115.00 -	129.00	**MV Mafic Volcanic** 114.6-120.5 pillowed with minor epidote patches 120.5-129 massive	I969199	115.00	116.00	1.00	0.0025
			I969200	116.00	117.00	1.00	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	237.00	05/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5476669	522179	-1993.00	5400.00	Hand-held GPS	07/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	420.00	320.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP366		T. Keast	P. McChesney	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	237	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Big Master #2 trend		54 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			320	320	-44	-44	☐	Ranger SS		
48.00			320	320	-41.5	-41.5	☐	Ranger SS		
99.00			316	316	-37	-37	☐	Ranger SS		
150.00			313	313	-28.5	-28.5	☐	Ranger SS		
201.00			311	311	-28.5	-28.5	☐	Ranger SS		
237.00			310	310	-28	-28	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	3.50	**CAS Casing**					
3.50 -	8.90	**MV Mafic Volcanic** Massive, few pillow salvages, sparse feldspar phenos, few mm-cm QVs 40-70 deg to CA					
8.90 -	21.95	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 45 deg to CA, carb strgrs fol parallel, patchy tr po, few salvages, <1% QVs 45 deg to CA	I969201	11.50	12.50	1.00	0.093
			I969202	21.00	21.95	0.95	0.029
21.95 -	23.90	**DIOD Diorite Dike** Wk fol 50 deg to CA					
23.90 -	39.35	**MV Mafic Volcanic** Pi,llowed, Qtz-carb veins in salvages, tr po, minor epidote in QVs, few amygdaloidal flows	I969204	24.50	25.50	1.00	0.0025
39.35 -	46.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 45-50 deg to CA	I969206	43.50	44.50	1.00	0.0025
46.10 -	50.00	**MV Mafic Volcanic** <1% QVs 60 deg to CA	I969207	48.00	49.00	1.00	0.008

Lithology									
From		*To*			*Sample #*	*From*	*To*	*Len.*	*Au ppm*
50.00	-	55.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**						
			Fol 45-50 deg to CA increasing down unit, 1% mm-cm QVs fol parallel, Tr po		I969208	53.00	54.00	1.00	0.006
					I969209	54.00	54.75	0.75	0.645
					I969210	54.75	55.50	0.75	0.0025
55.50	-	56.95	**CLSCH**						
			Fol 50 deg to CA, 3-5% QVs fol parallel, 1-2% popycpy, silicified increasing down unit, minor sericite bands increasing down unit, brown mica increasing down unit		I969211	55.50	56.25	0.75	0.489
					I969213	56.25	56.95	0.70	4.46
56.95	-	60.30	**QV Quartz Vein**						
			UC irregular, 75-80% white QTZ, sericite-chlorite bands 50-60 deg to CA, sericite patches up to 20 cm, 1-3% patchy popycpyblebs and diss. VG @ 59.57m		I969215	57.75	58.50	0.75	0.5
					I969216	58.50	59.25	0.75	0.15
					I969217	59.25	59.75	0.50	1.23
					I969218	59.75	60.30	0.55	0.85
60.30	-	62.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**						
			Fol 50 deg to CA, 1-2% QVs up to 5cm fol parallel, Tr popycpy, minor brown mica		I969219	60.30	61.00	0.70	0.301
					I969220	61.00	62.40	1.40	0.07
62.40	-	73.30	**MV Mafic Volcanic**						
			Massive, few pillow salvages 64.5-66m sparse phenos 70.25-70.75m sparse phenos 71.75-72.9m few black spots						

Lithology From	To		Sample #	From	To	Len.	Au ppm
73.30 -	76.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, minor carb, no QVs					
76.25 -	102.95	**MV Mafic Volcanic** Massive, few salvages 78.45-78.8m QV, 90% QTZ, tr pycpy, ctcs 70 deg to CA 96-96.5m sparse phenos 96.5-98.5m sparse black spots 98.8-99.5m silic salvage, tr pycpy	I969221	78.00	79.00	1.00	0.05
			I969222	96.50	97.50	1.00	0.0025
			I969224	97.50	98.50	1.00	0.0025
			I969225	98.50	99.50	1.00	0.0025
			I969226	102.00	103.00	1.00	0.0025
102.95 -	105.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 40 deg to CA, 1-2% qtz-carb veining, tr pycpy	I969227	103.00	104.00	1.00	0.0025
			I969228	104.00	105.00	1.00	0.0025
105.00 -	112.00	**MV Mafic Volcanic** Massive mafic flows, few mm QVs 45 deg to CA					
112.00 -	114.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Weak shear 60 deg to CA, minor carb strgrs fol //					
114.40 -	127.50	**MV Mafic Volcanic** Minor shearing in few salvages, few QTZ-carb strgrs increasing down unit 45-60 deg to CA. Tr po increasing down unit					

Lithology From	To		Sample #	From	To	Len.	Au ppm
127.50 -	134.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** weak to mod shear. Patchy Qtz-carb strgrs and patches, fol 50-60 deg to CA, sparse black "spots" 127.65-128m Qtz veining zone, 40% qtz veinletts 60 deg to CA, tr popucpy 132-133.6m 20% QVs up to 5cm, dominantly 60 deg to CA, few 5-10 deg to CA.	I969229	127.50	128.50	1.00	0.071
			I969230	131.00	132.00	1.00	0.0025
			I969231	132.00	132.80	0.80	0.0025
			I969232	132.80	133.60	0.80	0.005
			I969233	133.60	134.60	1.00	0.013
134.60 -	157.10	**SBZ Blue Silicified Zone** Wk to mod fol 60-70 deg to CA increasing down unit, <1% QVs fol //, Tr popy diss, minor sericite 158-156m Abundant sericite bands 70 deg to CA, few Qtz strgrs fol //	I969235	146.00	147.00	1.00	0.0025
			I969236	147.00	148.00	1.00	0.0025
			I969237	148.00	149.00	1.00	0.035
			I969239	149.00	150.00	1.00	0.024
			I969240	150.00	151.00	1.00	0.066
			I969241	151.00	152.00	1.00	0.021
			I969242	152.00	153.00	1.00	0.0025
			I969243	153.00	154.00	1.00	0.0025
			I969244	154.00	155.00	1.00	0.006
			I969245	155.00	156.00	1.00	0.0025
			I969246	156.00	157.10	1.10	0.0025
157.10 -	174.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, abundant carb strgrs <1% QVs. Tr py diss	I969248	158.00	159.00	1.00	0.0025
			I969249	159.00	160.00	1.00	0.0025
			I969250	160.00	161.00	1.00	0.01
			I969251	164.00	165.00	1.00	0.336
			I969252	171.00	172.00	1.00	0.0025
			I969253	172.00	173.00	1.00	0.006
			I969254	173.00	174.40	1.40	0.006

Lithology From	To		Sample #	From	To	Len.	Au ppm
174.40 -	177.85	**CLSCH** Fol 70 deg to CA, Qtz-carb-albite banding, 1-2% py strgrs fol //	I969255	174.40	175.50	1.10	0.009
			I969256	175.50	176.25	0.75	0.0025
			I969257	176.25	177.00	0.75	0.025
			I969258	177.00	177.85	0.85	0.082
177.85 -	180.40	**SYD Syenite Dike** Sheared syenite dike, fol 70 deg to CA, tr py diss and strgrs, ctcs sharp 70 deg to CA.	I969259	177.88	178.80	0.92	0.05
			I969260	178.80	179.60	0.80	0.009
			I969261	179.60	180.40	0.80	0.035
180.40 -	185.00	**CLSCH** Fol 70 deg to CA, Tr-1% py strgrs fol //, carb-qtz-albite banding	I969262	180.40	181.20	0.80	0.119
			I969263	181.20	182.00	0.80	0.011
			I969264	182.00	183.00	1.00	0.473
			I969265	183.00	184.00	1.00	0.035
			I969266	184.00	185.00	1.00	0.013
185.00 -	200.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 70 deg to CA, carbs strgrs fol //, <1% QVs, minor qtz eyes, tr py diss, few 3-5mm py cubes 189-192m black spots 192-198.5m sparse phenos 196.4-196.6m 5-7% 3-5mm py cubes	I969267	185.00	186.00	1.00	0.005
			I969268	186.00	187.00	1.00	0.019
			I969269	187.00	188.00	1.00	0.008
			I969270	188.00	189.00	1.00	0.012
			I969271	193.90	195.00	1.10	0.006
			I969272	195.00	196.00	1.00	0.0025
			I969273	196.00	197.00	1.00	0.006
			I969274	199.00	200.25	1.25	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
200.25 -	215.95	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 202.1-202.2m QV 70 deg to CA 209.4-209.6m QV 80% qtz 40 deg to CA	I969275	202.00	203.00	1.00	0.0025
			I969276	209.00	210.00	1.00	0.0025
			I969277	213.00	214.00	1.00	0.0025
215.95 -	221.95	**SBZ Blue Silicified Zone** Fol 70 deg to CA, <1% QVs fol //, sericite banding	I969278	218.00	219.00	1.00	0.013
221.95 -	223.35	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 70 deg to CA, carb strgrs	I969279	222.50	223.35	0.85	0.07
223.35 -	224.50	**CLSCH** Fol 70 deg to CA, carb strgrs, <1% QVs, few qtz-carb veins cross cutting fol, 1-2% py					
224.50 -	226.05	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 70 deg to CA, Few QVs cross cutting fol, tr py	I969281	224.50	225.25	0.75	0.0025
			I969282	225.25	226.05	0.80	0.01
226.05 -	229.25	**CLSCH** Fol 70 deg to CA, carb strgrs, <1% QVs, 1-2% py 227.1-227.35m SERSCH, Sericitic FD, Tr py, ctcs sharp 70 deg to CA	I969284	227.00	228.00	1.00	0.009
			I969285	228.00	229.25	1.25	0.014

Lithology From	To		Sample #	From	To	Len.	Au ppm
229.25 -	230.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 70 deg to CA, minor Qtz-carb strgrs, few cm veins, tr py	I969286	229.25	230.00	0.75	0.155
			I969287	230.00	230.75	0.75	0.139
230.75 -	231.70	**SRSCH** Fol 70 deg to CA, 25-30% QVs and patches, Qtz eyes in sericite, few mm QVs cross cutting fol, Tr-1% py, ctcs sharp 70 deg to CA, most likely altered FD	I969288	230.75	231.70	0.95	0.417
231.70 -	235.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 70 deg to CA, few qtz-carb strgrs fol //, tr py	I969289	231.70	232.50	0.80	0.013
235.20 -	237.00	**MV Mafic Volcanic**					

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	Co-ordinate System	Grid/Property	Hole Type	Length	Date Started
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	216.00	08/06/2010

District	UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method	Date Completed
Kenora	5476892.19	522279.36	-2085.00	5600.00	Differential GPS	10/06/2010

Project	UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor	Date Logged
Kenwest	393.19	319.00		-46.00	Downing Drilling	

Area	Claim No.	NTS Sheet	Supervised By	Logged By	Verified
Boyer Lake Area	HP367		T. Keast	P. McChesney	☐

Zone/Prospect	Assessment Rpt. No.	Core Storage	Plug Depth	Makes Water	Capped	Environmental Inspection
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	216	Casing Pulled	Casing (1)		NW Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			☐	(2)			☐	☐		

Purpose	Results	Comments
Test Helena Trend and IP		52 boxes stored at Big Master site

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
12.00			319	319	-46	-46	☐	Ranger SS		
51.00			318.5	318.5	-45.5	-45.5	☐	Ranger SS		
99.00			320.5	320.5	-44	-44	☐	Ranger SS		
150.00			321.5	321.5	-42.5	-42.5	☐	Ranger SS		
216.00			324	324	-40	-40	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	5.20	**MV Mafic Volcanic** Sparse phenos					
5.20 -	8.00	**DIOD Diorite Dike** Silic diorite dike? Wk fol 50 deg to CA					
8.00 -	44.50	**MV Mafic Volcanic** Massive w/ few salvages, minor irregular qtz-carb strgrs 6.1-6.3m QV in salvage 27.2-27.6m Solic salvage, 1-2% popy 27.6-35.75m Massive flow, sparse black chlorite spots 37.5-39m Chlorite patches in salvages, 1-3% QVs, tr py	I969290	16.00	17.00	1.00	0.005
			I969291	23.00	24.00	1.00	0.007
			I969292	24.00	25.00	1.00	0.176
			I969293	27.00	28.00	1.00	0.122
			I969294	28.00	29.00	1.00	0.0025
			I969295	29.00	30.00	1.00	0.0025
			I969296	30.00	31.00	1.00	0.007
			I969297	38.00	39.00	1.00	0.0025
			I969298	39.00	40.00	1.00	0.007
			I969299	40.00	41.00	1.00	0.007
44.50 -	48.90	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** weakly sheared 50 deg to CA	I969300	48.00	48.90	0.90	0.0025
48.90 -	57.20	**SBZ Blue Silicified Zone** Silicified, fg, fol 50 deg to CA, sericite bands increasing down unit 48.9-49.6m 20% QVs, 3-5% mm py cubes	I969302	49.60	50.50	0.90	0.076
			I969303	53.00	54.00	1.00	0.0025
			I969304	56.00	57.20	1.20	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
57.20	63.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 50 deg to CA, 1-3% py along fol, minor qtz-carb strgrs 57.2-58m 5% py	I969307	58.00	59.00	1.00	0.0025
			I969308	61.00	62.00	1.00	0.0025
			I969309	62.00	63.00	1.00	0.0025
63.00	104.75	**MV Mafic Volcanic** Massive, few salvages increasing down unit, minor qtz-carb, fg-cg flows 75.5-76m purple carb(?) veins 20-30 deg to CA 94.5-104.75m epidote in salvages	I969310	88.00	89.00	1.00	0.0025
			I969311	89.00	90.00	1.00	0.0025
			I969312	100.00	101.00	1.00	0.0025
			I969313	101.00	102.00	1.00	0.0025
104.75	109.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Sheared 50 deg to CA, tr po in few salvages	I969314	107.00	108.00	1.00	0.0025
			I969315	108.00	109.00	1.00	0.0025
109.00	123.80	**MV Mafic Volcanic** Pillowed, tr pocpy in salvages, carb w/ minor qtz in salvages	I969316	109.00	110.00	1.00	0.0025
			I969317	117.00	118.00	1.00	0.005
			I969318	118.00	119.00	1.00	0.0025
123.80	135.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Shear 50-55 deg to CA, wk fol increasing down unit, carb strgrs and patches, Tr-1% po tr cpy, Tr py increasing down unit, <1% QVs fol //	I969319	127.00	128.00	1.00	0.0025
			I969320	133.00	134.00	1.00	0.005
			I969321	134.00	135.00	1.00	0.011
			I969322	135.00	135.80	0.80	0.009

Lithology From	To		Sample #	From	To	Len.	Au ppm
135.80 -	136.40	**SRSCH** Fol 50 deg to CA, 1-3% QVs fol //, 1-3% py vfg diss and strgrs fol //, uc sharp 50 deg to CA					
136.40 -	137.75	**QV Quartz Vein** 80% qtx, white albite (?) patches, minor sericite, Tr pycpy diss and strgrs VG @ 136.54m, 136.56m, 3spekcs between 137.22-137.25m, streaks along py strgr 50 deg to CA 137.26m, mm spots 137.37 and 137.38m, 25++ sp between 137.42-137.58m	I969325	136.40	137.10	0.70	7.61
			I969326	137.10	137.75	0.65	63.2
137.75 -	141.30	**SRSCH** Fol 55 deg to CA, 2-3% QVs fol //, Tr pycpy, ctcs sharp 55 deg to CA, bands of alt chl/ser schist	I969327	137.75	138.50	0.75	1
			I969328	138.50	139.50	1.00	0.288
			I969329	139.50	140.40	0.90	0.544
			I969331	140.40	141.30	0.90	50.2
141.30 -	141.90	**CLSCH** Fol 55 deg to CA, tr pycoy, <1% QVs, carb strgrs fol //					
141.90 -	143.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** wk fol 55-60 deg to CA, tr pycpy, no QVs	I969333	141.90	143.00	1.10	0.01

Lithology From	To		Sample #	From	To	Len.	Au ppm
143.00 -	151.35	**SBZ Blue Silicified Zone** Fg silicified sericite banding 60 deg to CA, 5-7% QVs cross cutting fol, tr pycpy 144.1-146.7m 10-12% QVs	I969334	143.00	144.00	1.00	0.012
			I969335	144.00	145.00	1.00	0.007
			I969336	145.00	146.00	1.00	0.006
			I969338	146.00	147.00	1.00	0.005
			I969339	147.00	148.00	1.00	0.0025
			I969340	148.00	149.00	1.00	0.032
			I969341	149.00	150.00	1.00	0.011
			I969342	150.00	151.35	1.35	0.0025
151.35 -	152.60	**CLSCH** Fol 50 deg to CA, minor carb strgrs fol //, no QVs, Tr py					
152.60 -	154.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, altered MVPH, minor carb strgrs, no QVs	I969345	153.60	154.60	1.00	0.0025
154.60 -	159.50	**SBZ Blue Silicified Zone** Fol 50-60 deg to CA, sericite, 1-2% QVs fol //, carb strgrs, tr pycpy	I969347	155.20	156.00	0.80	0.056
			I969348	156.00	157.00	1.00	0.487
			I969349	157.00	158.00	1.00	0.285
			I969350	158.00	158.75	0.75	2.08
			I969351	158.75	159.50	0.75	0.943
159.50 -	163.65	**MV Mafic Volcanic** Massive, minor shear near UC, <1% QVs 70 deg to CA, minor carb. Tr mm py cubes	I969352	159.50	160.25	0.75	0.024
			I969353	160.25	161.00	0.75	0.009
			I969354	161.00	162.00	1.00	0.007

Lithology From	To		Sample #	From	To	Len.	Au ppm
163.65 -	167.10	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** massive, abundant phonos, Tr py 166.5-167.1m 20% QVs with clhorite clots	I969355	166.40	167.10	0.70	0.008
167.10 -	173.65	**MV Mafic Volcanic** massive, few carb strgrs 40-70 deg to CA, tr py as mm cubes					
173.65 -	177.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, tr py diss, minor carb strgrs fol //, no QVs	I969356	176.00	176.75	0.75	0.009
			I969357	176.75	177.50	0.75	0.23
177.50 -	179.40	**SRSCH** Altered FD? Ctcs sharp 60 deg to CA, fol 60 deg to CA, 1-2% QVs fol //, qtz eyes, tr pocpy 179.25-179.4m QV 60 deg to CA, 50% qtz, chl spots and strgrs, 1-3% pypo	I969358	177.50	178.50	1.00	0.127
			I969359	178.50	179.40	0.90	0.168
179.40 -	181.15	**CLSCH** Fol 60 deg to CA, carb strgrs, tr popy 179.4-179.5m 5-7% popy	I969361	179.40	180.15	0.75	0.291
			I969362	180.15	181.15	1.00	0.016
181.15 -	184.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, Tr-1% po, minor carb, <1% QVs fol //	I969363	181.15	182.00	0.85	0.006
			I969364	182.00	183.00	1.00	0.006

Lithology From	To		Sample #	From	To	Len.	Au ppm
184.50 -	193.30	**MV Mafic Volcanic** pillowed, carb strgrs, tr po					
193.30 -	195.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, tr po, <1% QVs, carb patches and strgrs					
195.60 -	216.00	**MV Mafic Volcanic** Pillowed, <1% QVs, carb salvages, tr po.					

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	Co-ordinate System	Grid/Property	Hole Type	Length	Date Started
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	306.00	10/06/2010

District	UTM North	UTM East	Local Grid E	Local Grid N	Collar Survey Method	Date Completed
Kenora	5476832.39	522344.27	-1998.00	5604.00	Differential GPS	13/06/2010

Project	UTM Elevation	Azimuth Astro. (°)	Azimuth Grid (°)	Dip (°)	Drill Contractor	Date Logged
Kenwest	387.88	315.00		-45.00	Downing Drilling	

Area	Claim No.	NTS Sheet	Supervised By	Logged By	Verified
Boyer Lake Area	HP367		T. Keast	P. McChesney	☐

Zone/Prospect	Assessment Rpt. No.	Core Storage	Plug Depth	Makes Water	Capped	Environmental Inspection
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	306	Casing Pulled	Casing (1)		NW Steel	Plugged	Pulsed	Geophysics Contractor	Date Pulsed
(2)			☐	(2)			☐	☐		

Purpose	Results	Comments
Undercut of KW-10-13, Test Helena Trend and IP		70 Boxes stored at Bigmaster Site

Distance	Grid Azimuth (°)		Astro. Azimuth (°)		Dip (°)		Use Test	Survey Method	Mag. Field (nT)	Comments
	Original	Final	Original	Final	Original	Final				
99.00			315.5	315.5	-41	-41	☐	Ranger SS		
150.00			316.5	316.5	-39.5	-39.5	☐	Ranger SS		
201.00			316.5	316.5	-38	-38	☐	Ranger SS		
252.00			322	322	-35.5	-35.5	☐	Ranger SS		
306.00			323	323	-33.5	-33.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	1.50	**CAS Casing**					
1.50 -	19.30	**MV Mafic Volcanic**					
		Pillowed, minor po in salvages, sparse phenos	I969365	7.00	8.00	1.00	0.045
19.30 -	20.80	**DIOD Diorite Dike**					
		Silic DIOD, few QVs 40-70 deg to CA, Tr pocpy	I969366	19.50	20.50	1.00	0.006
20.80 -	80.40	**MV Mafic Volcanic**					
		Pillowed, qtz-carb salvages, Tr pocpy in few salvages	I969367	28.50	29.50	1.00	0.005
		37-39.3m MVSH fol 45 deg to CA	I969368	37.50	38.50	1.00	0.011
		52.5-58m MVSH fol 45-50 deg to CA, Tr po	I969369	45.00	46.00	1.00	0.0025
			I969370	49.00	50.20	1.20	0.007
			I969371	55.50	56.50	1.00	0.016
			I969372	56.50	57.50	1.00	0.097
			I969373	57.50	58.50	1.00	0.011
			I969374	74.00	75.00	1.00	0.009
			I969375	79.00	80.40	1.40	0.007
80.40 -	83.30	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		Wk-mod fol 60 deg to CA increasing down unit, carb strgrs fol //, <1% QVs, tr po	I969377	81.30	82.30	1.00	0.005
			I969378	82.30	83.30	1.00	0.153
83.30 -	84.25	**QV Quartz Vein**					
		80% qtz, chl-bt throughout, tr popy, ctcs sharp 60 deg to CA					

Lithology From	To		Sample #	From	To	Len.	Au ppm
84.25	90.70	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA decreasing to 45 deg to CA near LC, 1-2% QVs up to 1cm, tr popy 88.7-89.3m pervasive bt	I969381	84.25	85.00	0.75	0.223
			I969382	85.00	86.00	1.00	0.157
			I969383	89.00	90.00	1.00	0.021
			I969384	90.00	90.70	0.70	0.434
90.70	111.15	**MV Mafic Volcanic** massive with few pillows, 1-2% QVs 30-60 deg to CA, tr po in salvages 91-95.5m sparse phenos 102.5-103.5m 25% irregular QVs, chl clots up to 3cm	I969386	94.50	95.50	1.00	0.005
			I969387	95.50	96.50	1.00	0.006
			I969388	96.50	97.50	1.00	0.0025
			I969389	102.50	103.50	1.00	0.0025
111.15	140.05	**MV Mafic Volcanic** pillowed, tr patchy po up to 3% locally, <1% QVs mainlu in salvages 115.5-116.5m MVPH 118.3-118.6m DIOD, ctcs sharp 45 deg to CA 130.5-131m 3% po	I969390	112.00	113.00	1.00	0.008
			I969391	130.30	131.20	0.90	0.0025
140.05	142.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA, minor carb strgrs fol //	I969392	141.00	142.00	1.00	0.009
142.00	168.05	**MV Mafic Volcanic** Pillowed, tr patchy po, <1% QVs 160.7-161.2m weakly sheared 50 deg to CA, 10% QVs fol // 161.2-165m black spots	I969393	160.50	161.50	1.00	0.388

Lithology From	To		Sample #	From	To	Len.	Au ppm
168.05 -	186.00	**SBZ Blue Silicified Zone** wk patch yfol 45-55 deg to CA w/ ser strgrs, <1% QVs, tr py	I969395	174.00	175.00	1.00	0.008
			I969396	180.00	181.00	1.00	0.006
			I969397	181.00	182.00	1.00	0.009
			I969398	182.00	183.00	1.00	0.0025
186.00 -	213.40	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 50-55 deg to CA, carb strgrs fol //, 1% QVs, tr popy 190.5-194m more massive 207.75-210.25m more massive					
213.40 -	221.40	**SBZ Blue Silicified Zone** <1% QVs, wk fol 50 deg to CA w/ ser strgrs, tr pucpy diss, UC sharp 50 deg to CA 215.35-215.65m MVSH, bt strgrs along sharp ctcs 50 deg to CA	I969399	219.00	220.00	1.00	0.014
			I969400	220.00	221.40	1.40	0.0025
221.40 -	232.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 50-55 deg to CA, carb strgrs fol //, <1% QVs, 1-3% py up to 20% locally in loose veins and patches of cubes surrounded by carb	I969401	221.40	222.50	1.10	0.005
			I969402	222.50	223.50	1.00	0.006
			I969403	223.50	224.50	1.00	0.0025
			I969404	224.50	225.50	1.00	0.005
			I969405	225.50	226.50	1.00	0.006
			I969406	226.50	227.50	1.00	0.0025
			I969407	227.50	228.50	1.00	0.0025
			I969408	228.50	229.50	1.00	0.005
			I969409	229.50	230.50	1.00	0.005
			I969410	230.50	231.50	1.00	0.006
			I969412	231.50	232.60	1.10	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
232.60 -	237.10	**SRSCH** Fol 50 deg to CA, Chl-Ser schist, zones/bands of Ser up to 15cm, minor bt, becoming more sericitic down unit	I969414	233.60	234.60	1.00	0.072
			I969415	234.60	235.60	1.00	0.011
			I969416	235.60	236.35	0.75	0.561
			I969417	236.35	237.10	0.75	0.769
237.10 -	238.30	**QV Quartz Vein** QV veining zone in SRSCH, 50% Qtz, QVs up to 15cm wide 50 deg to CA, fol 50 deg to CA, chl-bt strgrs, tr pycpy diss VG: 237.24m, 238.18m	I969420	237.70	238.30	0.60	12.7
238.30 -	242.65	**CLSCH** Fol 50 deg to CA, <1% QVs fol //, Tr py, carb strgrs fol // 242.45-242.55m QV 60% Qtz, chl patches, tr py	I969422	239.00	240.00	1.00	0.007
			I969423	240.00	241.30	1.30	0.005
			I969424	241.30	242.65	1.35	0.006
242.65 -	248.15	**SBZ Blue Silicified Zone** Fol 50 deg to CA w/ ser banding, <1% QVs, try py in mm cubes along UC, chlorite clots along QVs	I969425	242.65	244.00	1.35	0.024
			I969426	247.00	248.15	1.15	0.0025
248.15 -	249.50	**CLSCH** Fol 50 deg to CA, carb strgrs fol //, <1% QVs, tr py	I969427	248.15	248.85	0.70	0.005
			I969428	248.85	249.50	0.65	0.016

Lithology From	To		Sample #	From	To	Len.	Au ppm
249.50 -	252.70	**SRSCH** Fol 50 deg to CA, 1-2% QVs fol //, minor albite, Tr-1% py tr cpy, carb strgrs fol //, Tr fuschite increasing down unit	I969429	249.50	250.50	1.00	0.543
			I969430	250.50	251.60	1.10	0.084
			I969431	251.60	252.70	1.10	0.161
252.70 -	254.50	**QV Quartz Vein** 70% Qtz 10% pink k-spar, chl-ser patches, 3-5% py, fol 50 deg to CA, ctcs sharp 50 deg to CA, tr fuschite throughout	I969433	252.70	253.60	0.90	0.385
			I969434	253.60	254.50	0.90	0.581
254.50 -	255.50	**CLSCH** Fol 50 deg to CA, minor ser, tr py, <1% QVs	I969435	254.50	255.50	1.00	0.233
255.50 -	256.25	**SRSCH** Silicified SRSCH, fol 50 deg to CA, sharp ctcs 50 deg to CA, probably altered FD, 5-7% QVs, Tr pycpy, Tr-1% po	I969436	255.50	256.25	0.75	0.236
256.25 -	259.30	**MV Mafic Volcanic** 256.25-256.6m Irregular QV, 60% Qtz, large Chl clots, 2cm po bleb rimmed with cpy	I969438	256.25	257.00	0.75	0.011
			I969439	257.00	258.00	1.00	0.006
259.30 -	271.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** <1% QVs, no visible sulphides					

Lithology From	To		Sample #	From	To	Len.	Au ppm
271.00	281.60	**MV Mafic Volcanic** Sparse phenos, <1% QVs, few salvages					
281.60	284.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, carb strgrs, <1% QVs, Tr pycpy 283.1-283.8m DIOD ctcs sharp 50 deg to CA					
284.50	287.60	**MV Mafic Volcanic** sparse phenos					
287.60	292.55	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, carb strgrs, <1% QVs					
292.55	306.00	**MV Mafic Volcanic** Pillowed					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	189.00	13/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5477041.36	522418.46	-2100.00	5800.00	Differential GPS	15/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	397.96	318.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K4881		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	189	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Helena Trend and IP		43 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
15.00			317.5	317.5	-44	-44	☐	Ranger SS		
51.00			317	317	-43	-43	☐	Ranger SS		
99.00			315.5	315.5	-41.5	-41.5	☐	Ranger SS		
150.00			315.5	315.5	-40.5	-40.5	☐	Ranger SS		
189.00			315	315	-40	-40	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	8.75	**CAS Casing**					
8.75 -	31.00	**MV Mafic Volcanic** 14-31 sparse pheno's 28.5-29.4 QV in salvages	I969440	28.50	29.50	1.00	0.0025
31.00 -	34.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA	I969441	31.50	32.50	1.00	0.005
34.00 -	36.75	**MV Mafic Volcanic** tr carb					
36.75 -	65.00	**SBZ Blue Silicified Zone** nod fol 30 deg to CA; tr sericite defining fol; minor MV patches throughout; stronger silicification near UC 63.5-64.1 biotite alteration	I969442	63.50	64.50	1.00	0.016
65.00 -	66.50	**MV Mafic Volcanic**					
66.50 -	72.10	**SBZ Blue Silicified Zone** tr sericite defining fol 45 deg to CA					

Lithology From	To		Sample #	From	To	Len.	Au ppm
72.10	84.35	**MV Mafic Volcanic** <1% QV in salvages 72.1-72.75 MVSH fol 45 deg to CA; 1% carb stringers 74.8-76.1 MVSH fol 45 deg to CA; 1% carb stringers					
84.35	96.45	**SBZ Blue Silicified Zone** tr sericite defining fol 45 deg to CA; stronger silicification near UC 93.35-93.75 MVSH fol 50 deg to CA					
96.45	98.35	**DIOD Diorite Dike** silicified? Slight fol 55 deg to CA					
98.35	104.85	**MV Mafic Volcanic** black spots (chl?)					
104.85	108.90	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 106-107 MV					
108.90	110.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; sparse pheno's					
110.25	111.20	**SBZ Blue Silicified Zone** highly silicified; tr py; tr-1% QVs	I969443	110.25	111.20	0.95	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
111.20 -	153.15	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; tr po, py // fol; tr qtz-carb	I969444	152.00	153.15	1.15	0.005
153.15 -	161.85	**CLSCH** fol 50 deg to CA; minor sericite; carb banding; <1% QVs; no visible sulphides	I969445	153.15	154.00	0.85	0.763
			I969446	154.00	155.00	1.00	0.012
			I969447	155.00	156.00	1.00	0.005
			I969448	156.00	157.00	1.00	0.005
			I969449	157.00	158.00	1.00	0.014
			I969451	158.00	159.00	1.00	0.019
			I969452	159.00	160.00	1.00	0.01
			I969453	160.00	161.00	1.00	0.006
			I969454	161.00	161.85	0.85	0.387
161.85 -	168.65	**SRSCH** fol 55 deg to CA; minor chlorite bands; tr py, po; < 5% QVs 67.4- 10 cm band of sericite/carbonate?? Showing preexisting fabric 70 deg to CA crosscut by later sericite fol 50 deg to CA	I969456	163.00	164.00	1.00	0.008
			I969457	164.00	165.00	1.00	0.14
			I969459	165.00	166.00	1.00	0.571
			I969460	166.00	167.00	1.00	0.186
			I969461	167.00	167.75	0.75	0.889
			I969462	167.75	168.65	0.90	1.08
168.65 -	172.00	**CLSCH** fol 55 deg to CA; minor sericite and carb bands; <5% QVs; no visible sulphides	I969463	168.65	170.00	1.35	0.007
			I969464	170.00	171.00	1.00	0.006
			I969465	171.00	172.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
172.00 -	177.75	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 50 deg to CA; black spots (chl?)	I969466	172.00	173.00	1.00	0.007
177.75 -	189.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** 1 % QVs up to 5 cm wide dominantly 70 deg to CA 181-181.55 MVSH fol 50 deg to CA	I969467	183.00	184.00	1.00	0.005
			I969468	184.00	185.10	1.10	0.005

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	159.00	15/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475723.12	521424.86	-1847.00	4200.00	Differential GPS	17/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	385.52	134.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP405		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	159	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill GROC		35 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
15.00			134.5	134.5	-44	-44	☐	Ranger SS		
51.00			135.5	135.5	-43.5	-43.5	☐	Ranger SS		
99.00			136	136	-42.5	-42.5	☐	Ranger SS		
159.00			136	136	-42	-42	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	11.00	**CAS Casing**					
11.00 -	52.50	**MV Mafic Volcanic** <1% qtz-carb veins 35 deg to CA; pillowed; patchy sparse phenos; tr patchy po, py 44.3-52.5 sparse phenos					
52.50 -	60.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; shearing increasing down unit; abund qtz-carb stringers increasing down unit; minor biotite alt near LC MS=0.5 58.95-59.4 DIOD? - massive, fine grained, very dark grey-black	I969469	57.00	58.00	1.00	0.0025
			I969470	58.00	58.95	0.95	0.026
			I969471	58.95	59.50	0.55	0.0025
			I969472	59.50	60.10	0.60	0.014
60.10 -	63.85	**DIOD Diorite Dike** massive; dark grey-black, fgr; tr diss sulphides MS variable (11-27)	I969473	60.10	61.00	0.90	0.0025
63.85 -	67.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to ca; abund qtz-carb stringers // fol, decreasing down unit; tr py	I969474	63.85	65.00	1.15	0.058
			I969475	65.00	66.00	1.00	0.211
			I969476	66.00	67.00	1.00	0.052
			I969477	67.00	67.80	0.80	0.09

Lithology From	To		Sample #	From	To	Len.	Au ppm
67.80 -	72.50	**CLSCH** fol irrigular, dominantly 30 deg to CA,(ranging from 30-50 deg to CA); 5% irrigular QV's; 1-2% py, tr po; minor patchy feld? and biotite alt in QV's 67.8-68.1 10% qvs 68.6-69.5 10% qvs	I969480	68.50	69.25	0.75	0.872
			I969481	69.25	70.00	0.75	0.703
			I969483	70.00	71.00	1.00	0.02
			I969484	71.00	71.75	0.75	0.006
			I969485	71.75	72.50	0.75	0.0025
72.50 -	76.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; tr-1% py cubes (up to 7mm), carb rim around py cubes	I969486	72.50	73.50	1.00	0.0025
76.50 -	81.00	**MV Mafic Volcanic** tr py					
81.00 -	83.95	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; minor carb veins; sparse feld patches	I969487	83.00	83.95	0.95	0.0025

83.95 -	85.95	**CLSCH**
		(spotted schist)
		fol 35 deg to CA; dark grey-black spots (chl?) // fol; minor carb stringers // fol; tr py
		H=4; MS=0.2
			I969488	83.95	84.95	1.00	0.0025

			I969489	84.95	85.95	1.00	0.0025
85.95 -	87.00	**MV Mafic Volcanic**	I969490	85.95	87.00	1.05	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
87.00 -	90.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA	I969491	89.00	90.20	1.20	0.0025
90.20 -	97.85	**SRSCH** fol 35 deg to CA; increasing sericite down unit; tr py; tr po near UC QVs increasing down unit (mm-1cm scale) with tr py MS=0.1	I969492	90.20	91.00	0.80	0.562
			I969493	91.00	92.00	1.00	0.0025
			I969494	92.00	93.00	1.00	0.0025
			I969495	93.00	94.00	1.00	0.025
			I969496	94.00	95.00	1.00	0.0025
			I969497	95.00	96.00	1.00	0.02
			I969498	96.00	97.00	1.00	0.039
			I969499	97.00	97.85	0.85	0.764
97.85 -	99.00	**SBZ Blue Silicified Zone** abundant sericite defining fol dominantly 35 deg to CA; fol irrigular ranging from 25-35 deg to CA; MS=0.07	I969501	97.85	99.00	1.15	0.111
99.00 -	100.10	**DIOD Diorite Dike** massive; very dark grey-black; vfgr (aphanitic); tr py; very sharp irrigular UC (1-2 mm chill visible); sharp LC 45 deg to CA (1-2 mm chill visible) MS=25	I969502	99.00	100.10	1.10	0.011
100.10 -	102.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA MS=0.4	I969503	100.10	101.00	0.90	0.006

Lithology From	To		Sample #	From	To	Len.	Au ppm
102.50 -	111.50	**MV Mafic Volcanic** 107-111.5 sparse phenos					
111.50 -	112.90	**DIOD Diorite Dike** massive; vfgr (aphanitic); chill on UC ad LC; sharp but irrigular contacts // CA					
112.90 -	118.80	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** minor irrigular QVs up to 2 cm wide; no visible sulphides					
118.80 -	122.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; minor qtz-carb veins // fol; tr po, py					
122.00 -	141.00	**MV Mafic Volcanic** sparse phenos 139-139.5 epidote patches					
141.00 -	144.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; irrigular epidote patches; tr py; <1% QVs					
144.10 -	156.25	**MV Mafic Volcanic** sparse pheno's 155.75 3 cm QV	I969504	155.50	156.25	0.75	0.006

Lithology From	To		Sample #	From	To	Len.	Au ppm
156.25 -	159.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; minor carb string // fol; no visible sulphides 156.5-156.9 small DIOD?-med grained, fol 30 deg to CA, tr po, cpy	I969505	156.25	157.00	0.75	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	192.00	17/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475772.5	521383.26	-1847.00	4207.00	Differential GPS	19/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	399.23	314.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP405		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	192	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill BL/L42 historic pits		44 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			313.5	313.5	-44	-44	☐	Ranger SS		
51.00			313.5	313.5	-44	-44	☐	Ranger SS		
99.00			313.5	313.5	-43	-43	☐	Ranger SS		
150.00			314	314	-42	-42	☐	Ranger SS		
192.00			314	314	-41	-41	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	2.50	**CAS Casing**					
2.50	14.60	**MV Mafic Volcanic**					
14.60	15.20	**MOND Monzonite Dike** massive; medium grained; dark grey-black; pink-red feldspars throughout; MV on either side of dyke sheared 10cm into MV					
15.20	15.60	**MV Mafic Volcanic**					
15.60	16.00	**MOND Monzonite Dike** massive; medium grained; dark grey-black; pink-red feldspars throughout;					
16.00	18.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; sparse phenos; tr carb string // fol; no visible sulphides					
18.60	18.95	**MOND Monzonite Dike** massive; medium grained; dark grey-black; pink-red feldspars throughout					
18.95	29.00	**MV Mafic Volcanic** sparse phenos; minor carb stringers; no visible sulphides 27.5-28.2 patches, vfgr					

Lithology From	To		Sample #	From	To	Len.	Au ppm
29.00 -	31.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; tr carb stringers // fol; tr py					
31.50 -	33.15	**MOND Monzonite Dike** massive; medium grained; dark-grey-black; pink-red feldspars	I969506	31.50	32.50	1.00	0.005
33.15 -	35.35	**MV Mafic Volcanic** massive med grained flow					
35.35 -	36.10	**MOND Monzonite Dike** massive; medium grained; dark grey-black; pink-red feldspars					
36.10 -	39.00	**MV Mafic Volcanic** massive; medium grained flow; tr-1% slightly rounded, occasionally elongated py near LC (gradational contact into MVSH)					
39.00 -	41.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; tr-1% slightly rounded occasionally elongated py // fol near UC; rest of unit only tr py					
41.00 -	42.90	**MV Mafic Volcanic** massive medium grained flow, occasional feld phenos					

Lithology From	To		Sample #	From	To	Len.	Au ppm
42.90 -	46.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 60 deg to CA; minor qtz-carb stingers; tr-1% py, po, cpy MS=0.3					
46.60 -	48.30	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** slightly foliated 45 deg to CA; coarser grained, very gradational contacts with MVSH; feld phenos 1mm-2cm MS=0.3					
48.30 -	49.05	**MOND Monzonite Dike** massive; medium grained; dark grey-black with pink-red feldspars; 48.65- 0.5cm pink-red qtz-carb vein MS=0.2					
49.05 -	62.10	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** slightly foliated 45 deg to CA 52.8-53.4 MVSH fol 55 deg to CA,minor QVs, no visible sulphides					
62.10 -	84.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; 1-2% py, po, tr cpy disseminated and stringers // fol; minor carb stringers // fol					
84.00 -	92.50	**MV Mafic Volcanic**					

Lithology From	To		Sample #	From	To	Len.	Au ppm
92.50 -	103.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; tr-1% py, po, cpy; minor carb strings // fol; 98.4- 10 cm QV 99.05- 20 cm QV 1-2% py minor feld, minor biotite alt 101 - 5 cm QV	I969507	98.00	99.00	1.00	0.07
			I969508	99.00	100.00	1.00	0.038
			I969509	100.00	101.00	1.00	0.007
103.00 -	106.75	**MV Mafic Volcanic**					
106.75 -	108.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; minor qtz-carb veins // fol; 1-2% py, po, tr cpy					
108.50 -	114.75	**MV Mafic Volcanic**					
114.75 -	116.50	**SEDS Sandstone, Argillite, Mudstones** fine laminations near upper contact grading into "flame-like" texture (possible volcanic influx into seds?)					
116.50 -	121.00	**MV Mafic Volcanic** 120.4-120.7 7mm py cubes					
121.00 -	123.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA 122.5-123 5-10% QV (1-2 cm wide) // fol; tr-1% py	I969511	122.00	123.00	1.00	0.022

Lithology From	To		Sample #	From	To	Len.	Au ppm
123.00 -	140.50	**MV Mafic Volcanic** 123-125.25 massive 125.25-140 pillowed 130.15 - 3 cm qtz-carb vein 130.5- 10 cm QV 132.1-132.5 white QV 134.8- 3 cm white qtz-carb vein 135.5-135.75 qtz carb vein 136-136.4 white qtz-carb vein	I969512	130.00	131.00	1.00	0.0025
			I969513	131.00	132.00	1.00	0.0025
			I969514	132.00	133.00	1.00	0.0025
			I969516	133.00	134.00	1.00	0.0025
			I969517	134.00	135.00	1.00	0.0025
			I969518	135.00	136.00	1.00	0.0025
			I969519	136.00	137.00	1.00	0.0025
140.50 -	147.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA; minor qtz-carb veins; sparse feld phenos; tr py, cpy					
147.00 -	173.00	**MV Mafic Volcanic** sparse feld phenos; minor carb strings with 2 orientations 90 deg to each other 157-157.5 MVSH fol 55 deg to CA; 5% QV 166.65-167 MVSH fol 60 deg to CA 157.25-173 pillowed with local flow breccia	I969520	156.00	157.00	1.00	0.0025
			I969521	157.00	158.00	1.00	0.0025
			I969522	166.50	167.50	1.00	0.0025
			I969523	167.50	168.50	1.00	0.0025
			I969524	168.50	169.50	1.00	0.0025
			I969525	169.50	170.50	1.00	0.0025
			I969526	170.50	171.50	1.00	0.005
			I969527	171.50	172.50	1.00	0.0025
173.00 -	187.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA 175.95-178.75 sericite/biotite? Alt decreasing down unit 185.9 epidote patch with 3 circular py (3-5 mm)	I969528	175.00	176.00	1.00	0.0025
			I969529	176.00	177.00	1.00	0.0025
			I969530	177.00	178.00	1.00	0.0025
			I969531	178.00	179.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
187.80	- 188.00	**DIOD Diorite Dike** vfgr (aphanitic), dark grey-black; 1 % po, py					
188.00	- 192.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA; 1-2% py, po, tr carb veins					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	192.00	19/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475450.97	521278.35	-1762.00	3900.00	Differential GPS	21/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	381.38	316.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	HP405		T. Keast	P. McChesney	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	192	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill "Haymaker" trenches		45 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
12.00			316.5	316.5	-44	-44	☐	Ranger SS		
51.00			316	316	-43	-43	☐	Ranger SS		
99.00			317	317	-43	-43	☐	Ranger SS		
150.00			317	317	-41	-41	☐	Ranger SS		
192.00			315	315	-40.5	-40.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	2.20	**CAS Casing**					
2.20 -	18.00	**MV Mafic Volcanic**					
		Massive, fg-mg, <1% qtz-carb strgrs 30-60 deg to CA, tr patchy py	I969532	17.00	18.00	1.00	0.005
18.00 -	18.65	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		Fol 50 deg to CA, <1% qtz-carb strgrs fol //, Tr-1% po	I969533	18.00	18.65	0.65	0.039
18.65 -	24.05	**FD Felsic Dike**					
		Altered qtz porphryr?? Qtz eyes throughout, weak fol throughout 60 deg to CA, silicified, 2-3% QVs fol // up to 1cm, few mm qtz strgrs x-cutting fol 30-40 deg to CA, minor pink-white k-spar banding, 2-3% py diss throughout, ctcs sharp 60 deg to CA	I969534	18.65	19.40	0.75	0.201
			I969535	19.40	20.20	0.80	0.035
		19.3-19.45m CLSCH 2-3% QVs, 3-5% py, fol 60 deg to CA	I969537	20.20	21.00	0.80	0.045
		19.45-20.15m Rusty fractures	I969538	21.00	22.00	1.00	0.017
		20.6-21.05m no qtz eyes, very sericitic	I969539	22.00	23.00	1.00	0.029
		21.85-22.6m Pink k-spar banding, low in sericite, qtz-kspar vein? 20% qtz 40% pink kspar, few QVs x-cutting at 30 deg to CA	I969541	23.00	24.05	1.05	0.029
		23.3-23.55m Rusty fractures					
		23.8-24.05m 10-15% white QVs fol //					
24.05 -	27.60	**CLSCH**					
		Fol 60 deg to CA, 2-3% QVs up to 1cm fol //, minor carb strgrs, tr py diss	I969542	24.05	25.00	0.95	0.005
		25.4-25.75m SRSCH, altered FD?, 3-5% QVs. Chl-ank, rusty, ctcs sharp 60 deg to CA, tr py	I969543	25.00	25.90	0.90	0.012
			I969544	25.90	26.75	0.85	0.012
		26.05-26.25m SRSCH, no QVs, tr py, ctcs sharp 60 deg to CA					
		27.3-27.6m SRSCH, 2-3% QVs, 2-3% py, ctcs sharp 60 deg to CA	I969545	26.75	27.60	0.85	0.016

Lithology From	To		Sample #	From	To	Len.	Au ppm
27.60 -	39.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Weakly sheared, fol 60 deg to CA, <1% QVs, minor carb strgrs fol //, few sheared salvages, tr popy	I969547	28.50	29.50	1.00	0.0025
			I969548	29.50	30.50	1.00	0.005
			I969549	30.50	31.50	1.00	0.007
39.00 -	49.50	**MV Mafic Volcanic** Massive, mg, few salvages, <1% irreg Qtz-carb veins, tr py					
49.50 -	51.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 60 deg to CA, 3-5% QVs fol //, Tr py	I969550	49.50	50.30	0.80	0.006
			I969551	50.30	51.20	0.90	0.0025
51.20 -	80.80	**MV Mafic Volcanic** Pillowed, perfectly preserved salvages, <1% irreg qtz-carb veins in few salvages, sparse phenos, tr popy	I969552	69.00	70.00	1.00	0.021
			I969553	79.00	80.00	1.00	0.0025
			I969554	80.00	80.80	0.80	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
80.80	- 100.50	**FD Felsic Dike** Haymaker dike, pink felsic dike grading down unit to yellow-grey felsic dike, fg, silicified, 3-5% mm qtz strgrs dom 60 deg to CA with few x-cutting 10-45 deg to CA, 3-5% py diss & strgrs up to 10% locally, UC sharp 60 deg to CA, sericitic near UC and minor patches, minor carb strgrs, Tr scheelite, H=7++. MS=0.01	I969556	81.50	82.25	0.75	0.36
			I969558	82.25	83.00	0.75	0.565
			I969559	83.00	84.00	1.00	0.252
			I969560	84.00	85.00	1.00	0.214
			I969561	85.00	86.00	1.00	0.138
			I969562	86.00	87.00	1.00	0.116
			I969563	87.00	88.00	1.00	0.035
			I969564	88.00	89.00	1.00	0.084
			I969565	89.00	90.00	1.00	0.1
			I969566	90.00	91.00	1.00	0.172
			I969567	91.00	92.00	1.00	0.031
			I969568	92.00	93.00	1.00	0.041
			I969569	93.00	94.00	1.00	0.008
			I969570	94.00	95.00	1.00	0.05
			I969571	95.00	96.00	1.00	0.006
			I969572	96.00	97.00	1.00	0.023
			I969574	97.00	98.00	1.00	0.006
			I969575	98.00	99.00	1.00	0.0025
			I969576	99.00	99.75	0.75	0.0025
			I969577	99.75	100.50	0.75	0.0025
100.50	- 111.65	**MV Mafic Volcanic** Pillowed, sparse phenos, tr py diss throughout, <1% qtz-carb veins and strgrs up to 1cm 50-70 deg to CA 109-111.65m increasing bt down unit, weakly sheared 60 deg to CA	I969578	100.50	101.25	0.75	0.0025
			I969579	101.25	102.00	0.75	0.0025
			I969580	110.00	110.90	0.90	0.0025
			I969581	110.90	111.65	0.75	0.0025
111.65	- 112.35	**SRSCH** Fol 60 deg to CA, Minor carb, <1% QVs along UC, minor fuschite, minor bt near LC, Tr py diss					

Lithology From	To		Sample #	From	To	Len.	Au ppm
112.35 -	114.05	**FD Felsic Dike** Haymaker type felsic dike, pink FD, minor sericite banding go deg to CA, Sharp ctcs 60 deg to CA, 3-5% QVs up to 2cm 40-70 deg to CA, few mm Qtz strgrs x-cutting 70 deg to CA, 3-5% py diss	I969584	112.35	113.20	0.85	1.175
			I969585	113.20	114.05	0.85	0.085
114.05 -	146.50	**MV Mafic Volcanic** Massive, few pillows, <1% QVs, Tr py in salvages 118-119.8m Minor bt 120.5-124m Sparse phenos 133-134m Weakly sheared 60 deg to CA 135.3-135.7m DIOD, ctcs sharp 60 deg to CA 138-139m Weakly sheared 60 deg to CA 139-144.5m Sparse phenos	I969587	118.00	119.00	1.00	0.006
			I969588	119.00	120.00	1.00	0.01
			I969589	138.00	139.00	1.00	0.006
146.50 -	153.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Weakly sheared 60 deg to CA, <1% QVs 70-80 deg to CA x-cutting fol, minor carb, tr py 152.5-152.9m sheared MVPH					
153.25 -	155.05	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** Massive with Phenos up to 1cm, tr py					
155.05 -	159.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Mod shear 60 deg to CA, <1% QVs x-cutting fol 50 deg to CA, Tr py					
159.50 -	192.00	**MV Mafic Volcanic** Pillowed, <1% QVs in salvages, Tr popycpy as strgrs 40-70 deg to CA, locally sheared 60 deg to CA 171-183m 1-2% popycpy strgrs, explains IP anomaly					

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	192.00	21/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475267.53	521172.9	-1714.00	3700.00	Differential GPS	23/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	384.85	315.00		-45.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K918		T. Keast	P. McChesney	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	192	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill SE of "Haymaker" trenches		42 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
15.00			315	315	-44.5	-44.5	☐	Ranger SS		
51.00			315.5	315.5	-44	-44	☐	Ranger SS		
99.00			315.5	315.5	-43.5	-43.5	☐	Ranger SS		
150.00			314.5	314.5	-42.5	-42.5	☐	Ranger SS		
192.00			314.5	314.5	-41.5	-41.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	10.10	**CAS Casing**					
10.10 -	39.25	**MV Mafic Volcanic** Pillowed, few qtz-carb strgrs on salvages, tr py					
39.25 -	46.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Weak to strong fol 60 deg to CA, 2-3% qtz-carb strgrs fol //, chloritic 39.4-39.85m Fg FD, Qtz porph?, mod shear 60 deg to CA, No visible sulphides, ctcs sharp 60 deg to CA 41.1-41.2m FD ctcs 60 deg to CA 41.45-41.85m FD, Fol 60 deg to CA, ctcs sharp 60 deg to CA	I969590	39.25	40.00	0.75	0.0025
			I969591	40.00	41.00	1.00	0.013
			I969592	41.00	42.00	1.00	0.023
			I969593	42.00	43.00	1.00	0.0025
			I969594	43.00	44.00	1.00	0.0025
			I969595	44.00	45.00	1.00	0.0025
			I969596	45.00	46.00	1.00	0.015
46.00 -	52.30	**MV Mafic Volcanic** Massive, few qtz-carb strgrs 30 deg to CA, No visible sulphides					
52.30 -	55.80	**SEDS Sandstone, Argillite, Mudstones** vfg, vf laminated/bedded, 75-80 deg to CA, argillic black beds, <1% QVs fol // and x-cutting 45 deg to CA near ctcs, tr popycpy diss	I969597	52.30	53.20	0.90	0.0025
			I969598	53.20	54.10	0.90	0.006
			I969599	54.10	55.00	0.90	0.0025
			I969600	55.00	55.80	0.80	0.0025
55.80 -	57.50	**MV Mafic Volcanic** Massive, sparse mm phenos, few mg-cg carb veins up to 2cm 30-45 deg to CA, Tr po	I969601	55.80	57.00	1.20	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
57.50	62.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** Phenos up to 1cm decreasing in abundance down unit, massive, no QVs, no visible sulphides					
62.00	95.00	**MV Mafic Volcanic** Pillowed, <1% irregular QVs in salvages, Tr popycpy 89-93.5m sparse mm phenos	I969602	90.00	91.00	1.00	0.0025
95.00	98.80	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 45 deg to CA, <1% QVs fol // up to 3-5mm, minor ser along few QVs, Tr popycpy					
98.80	103.75	**MV Mafic Volcanic** Massive, few carb strgrs 20-45 deg to CA x-cutting, <1% QVs, Tr pycpy					
103.75	105.45	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 45-50 deg to CA, <1% QVs fol //, Tr py cubes, yellow-brown alteration increasing down unit (ser-bt?)	I969603	104.50	105.45	0.95	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
105.45	125.75	**FD Felsic Dike** Haymaker type felsic dike, Fg, silicified, yellow green grading to grey green, Top of dike similar to botton of dike in KW-10-19 80.8-100.5m, bottom of dike similar to SBZ. <1% mm QVs 45-70 deg to CA, weak fol 70 deg to CA, Tr popy diss & strgrs, UC sharp 40 deg to CA 122-125m Similar to SBZ?	I969604	105.45	106.25	0.80	0.0025
			I969605	106.25	107.00	0.75	0.0025
			I969606	107.00	108.00	1.00	0.0025
			I969607	108.00	109.00	1.00	0.0025
			I969609	109.00	110.00	1.00	0.0025
			I969610	110.00	111.00	1.00	0.005
			I969611	111.00	112.00	1.00	0.0025
			I969612	112.00	113.00	1.00	0.0025
			I969613	113.00	114.00	1.00	0.0025
			I969614	114.00	115.00	1.00	0.0025
			I969615	115.00	116.00	1.00	0.006
			I969616	116.00	117.00	1.00	0.0025
			I969617	117.00	118.00	1.00	0.0025
			I969619	118.00	119.00	1.00	0.0025
			I969620	119.00	120.00	1.00	0.0025
			I969621	120.00	121.00	1.00	0.0025
			I969622	121.00	122.00	1.00	0.0025
			I969623	122.00	123.00	1.00	0.0025
			I969624	123.00	124.00	1.00	0.0025
			I969625	124.00	124.85	0.85	0.024
			I969626	124.85	125.75	0.90	0.0025
125.75	136.95	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Sheared MVPH, biotite-sericite throughout, Fol 45-50 deg to CA, <1% QVs fol //, carb strgrs dom fol //, Tr py diss, altered phenos throughout, minor chlorite 128-132.5m stockwork carb strgrs 10-80 deg to CA	I969627	125.75	126.50	0.75	0.013
			I969651	126.50	127.25	0.75	0.136
			I969652	127.25	128.00	0.75	0.0025
			I969653	128.00	129.00	1.00	0.028
			I969654	129.00	130.00	1.00	0.008
			I969655	130.00	131.00	1.00	0.0025
			I969656	131.00	132.00	1.00	0.0025
			I969657	132.00	133.00	1.00	0.0025
			I969658	133.00	134.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
136.95	142.50	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** Massive, abundant 5-8mm phenos					
142.50	147.30	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Sheared MVPH, alt phenos, fol 50-60 deg to CA, Patchy tr-1% py as cubes up to 5mm, minor carb strgrs fol //	I969628	143.00	144.00	1.00	0.0025
			I969629	144.00	145.00	1.00	0.0025
			I969630	145.00	146.00	1.00	0.0025
			I969631	146.00	147.30	1.30	0.0025
147.30	155.20	**SBZ Blue Silicified Zone** Possibly silicified seds? Fol 60 deg to CA with sericite banding fol //, Tr-1% patchy py spots w/ up to 5% locally, <1% QVs up to 1cm fol //, UC sharp 50 deg to CA	I969633	148.00	149.00	1.00	0.0025
			I969635	149.00	150.00	1.00	0.007
			I969636	150.00	151.00	1.00	0.0025
			I969637	151.00	152.00	1.00	0.0025
			I969638	152.00	153.00	1.00	0.0025
			I969639	153.00	153.75	0.75	0.0025
			I969640	153.75	154.50	0.75	0.0025
			I969642	154.50	155.20	0.70	0.011
155.20	174.70	**MV Mafic Volcanic** Pillowed, locally sheared, patchy sparse phenos, few cg flows, <1% QVs, Tr popycpy 155.2-156m Weak shear 60 deg to CA 157.8-158m Cg carb vein 60 deg to CA 159.5-161m Abundant irregular carb strgrs 161-170.5m Sparse phenos 170.5-174.5m Cg massive flow	I969643	155.20	156.00	0.80	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
174.70 -	176.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Strong fol 50 deg to CA, Abundant Qtz-carb veins, 2-3% QVs, 1-2% po, Tr pycpy	I969644	174.70	175.50	0.80	0.0025
			I969645	175.50	176.25	0.75	0.0025
176.25 -	186.00	**MV Mafic Volcanic** Pillowed, <1% irregular QVs in salvages, Tr popycpy 178.1-178.45m Seds, bedding 45 deg to CA 179.8-180.1m Seds, bedding 50 deg to CA 183.25-183.5m Seds, bedding 40 deg to CA					
186.00 -	192.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** Fol 65 deg to CA, Abundant carb strgrs fol // and x-cutting 50-70 deg to CA, minor patchy bt, tr po	I969646	187.00	188.00	1.00	0.006
			I969647	188.00	189.00	1.00	0.0025
			I969648	189.00	190.00	1.00	0.0025
			I969649	190.00	191.00	1.00	0.0025
			I969650	191.00	192.00	1.00	0.005

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	237.00	23/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475184.25	520685.14	-2002.00	3300.00	Differential GPS	26/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	385.30	316.00		-43.40	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K4632		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	237	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill IP anomaly SW of selby trend		53 boxes stored at Big Master site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
0.00			316	316	-43.4	-43.4	☐	Ranger SS		
51.00			319.8	319.8	-42.9	-42.9	☐	Ranger SS		
99.00			320.1	320.1	-42.1	-42.1	☐	Ranger SS		
150.00			317	317	-36.9	-36.9	☐	Ranger SS		
201.00			316	316	-35.7	-35.7	☐	Ranger SS		
237.00			315.9	315.9	-35.3	-35.3	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	6.20	**CAS Casing**					
6.20 -	14.15	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 45 deg to CA; prominent clasts intermediate to felsic in composition in intermediate to mafic matrix; minor sericite; minor carb and qtz-carb stringers // fol; qtz eyes in and along grain boundaries of clasts and in matrix 6.2-7.5 rounded to slightly flatenned clasts (lapilli TUFF) 7.5-10 very fine banding (fine ash tuff?) 10-11.5 matrix material (lapilli tuff?); sheared 50 deg to CA 11.5-12.75 flattened clasts fol 45 deg to CA; clasts 1-4 cm; qtz eyes; minor sericite 12.75-13 SBZ; sericite defining fol 45 deg to CA, minor QV's 13-14.15 flattened clasts fol 45 deg to CA 1-4 cm in length; minor sericite MS=0.2	I969659	11.00	12.00	1.00	0.016
			I969660	12.00	13.00	1.00	0.099
			I969661	13.00	14.15	1.15	0.005
14.15 -	17.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; tr carb stringers // fol; tr-1 % py cubes up to 5 mm					
17.00 -	23.10	**MV Mafic Volcanic** massive med grained flow 17-18.2 plag filled amygdules; tr py cubes up to 5 mm 22.75-23.1 pillows?	I969663	22.00	23.00	1.00	0.03
			I969664	23.00	24.00	1.00	0.027
23.10 -	28.75	**TUFF Tuff (fine ash, lapilli, breccia)** fine ASH tuff; fol 40 deg to CA; minor felsic fragments 25-28.75 prominent sericite alteration, distinct banding	I969665	24.00	25.00	1.00	0.0025
			I969666	25.00	26.00	1.00	0.015
			I969667	26.00	27.00	1.00	0.014
			I969668	27.00	28.00	1.00	0.01
			I969669	28.00	28.75	0.75	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
28.75	54.75	**MV Mafic Volcanic** massive med grained flow; minor carb veinlets 31.5-34.5 sparse phenos 48.35 10 cm white qtz-carb vein					
54.75	56.90	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** minor fol 60 deg to CA; grey-light grey in colour, possible intermediate TUFF?; tr py MS=0.4	I969670	56.00	57.00	1.00	0.016
56.90	57.60	**QV Quartz Vein** 70% qtz; grey and white mottled texture; tr py	I969671	57.00	58.00	1.00	0.0025
57.60	60.25	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 55 deg to CA; grey-light grey ash to lapilli tuff; gradational UC MS=0.2 1 cm clay seam with fragments at lower contact	I969673 I969674	58.00 59.00	59.00 60.25	1.00 1.25	0.0025 0.008
60.25	83.35	**MV Mafic Volcanic** massive medium graied flow 71.25 5 cm white QV, no visible sulphides 82.5-83.35 MVSH fol 50 deg to CA amygdules at LC (gradational)	I969675	71.00	72.00	1.00	0.008

Lithology From	To		Sample #	From	To	Len.	Au ppm
83.35	90.60	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 55 deg to CA; gradatinoal UC; finely laminated; flattened lapilli fragments; local sericite; minor QV's with albite?; tr py MS=0.2	I969676	84.00	85.00	1.00	0.0025
			I969677	85.00	86.00	1.00	0.0025
			I969678	86.00	87.00	1.00	0.0025
			I969679	87.00	88.00	1.00	0.015
			I969680	88.00	89.00	1.00	0.0025
			I969681	89.00	90.00	1.00	0.0025
90.60	97.80	**MV Mafic Volcanic** medium grained flow 94.5-94.65 25% QVs irrigular orientations 96.25-96.4 amygdules and vesicles 96.65-97 sparse phenos MS=0.4	I969682	94.00	95.00	1.00	0.007
97.80	100.65	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 50 deg to CA; gradational UC; ash-lapilli tuff; grey-light grey in colour MS=0.25					
100.65	103.60	**SEDS Sandstone, Argillite, Mudstones** argillite; very finely banded; black colour; minor QVs; 5-7% py local fine ash tuff 102.5-103 SYD? MS=0.1	I969684	101.50	102.50	1.00	0.074
			I969685	102.50	103.60	1.10	0.068
103.60	108.00	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 55 deg to CA; ash tuff; fine laminations	I969686	103.60	104.50	0.90	0.0025
			I969687	104.50	105.50	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
108.00 -	115.10	**MV Mafic Volcanic** occasional sparse phenos; tr-1% py					
115.10 -	115.75	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 50 deg to CA; sharp UC 50 deg to CA; 115.25-115.45 30 % qtz carb vein	I969688	115.10	115.75	0.65	0.0025
115.75 -	116.25	**SEDS Sandstone, Argillite, Mudstones** argillite; very finely banded; black; 10-15 % py; minor QV's; sharp but irrigular UC	I969689	115.75	116.25	0.50	0.024
116.25 -	117.35	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 55 deg to CA; sharp UC 60 deg to CA; ash-lapilli tuff	I969690	116.25	117.35	1.10	0.0025
117.35 -	117.85	**SEDS Sandstone, Argillite, Mudstones** argilite; sharp UC 65 deg to CA; abundant qtz-carb veining; 3-5% py	I969691	117.35	117.85	0.50	0.15
117.85 -	120.40	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 55 deg to CA; ash-lapilli tuff; sharp UC 70 deg to CA	I969693	117.85	119.00	1.15	0.0025
			I969694	119.00	120.40	1.40	0.0025
120.40 -	121.85	**SEDS Sandstone, Argillite, Mudstones** argillite; finely laminated; black; 3-5 % py; minor qtz-carb veins 121.6 pink k-spar? (SYD??)	I969696	121.00	121.80	0.80	0.026
			I969697	121.80	123.00	1.20	0.025

Lithology From	To		Sample #	From	To	Len.	Au ppm
121.85	175.40	**TUFF Tuff (fine ash, lapilli, breccia)**					
		sheared; fol 45 deg to CA; lapilli-breccia; grey-light grey; minor QV's; tr py; MS=0.1	I969699	143.00	144.00	1.00	0.005
		121.85-122.4 15% py; minor QV's; chl along QV contacts; MS=1.0; sulphides comprise matrix surrounding lapilli fragments	I969700	154.00	155.00	1.00	0.006
		Intensity of shearing decreasing down unit:	I969701	155.00	156.00	1.00	0.0025
		121.85-136 extremely flattened fragments	I969702	156.00	157.00	1.00	0.0025
		136-145 moderately flattened fragments	I969703	157.00	158.00	1.00	0.0025
		145-163 massive angular fragments	I969704	158.00	159.00	1.00	0.0025
		163-175.4 mod fol 45 deg to CA	I969705	159.00	160.00	1.00	0.0025
		172.2 10 cm QV qith chl, tr-1% py	I969706	160.00	161.00	1.00	0.0025
			I969707	172.00	173.00	1.00	0.0025
175.40	193.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**					
		fol 50 deg to CA; minor carb strings // fol; tr-1 % py; minor QVs occasionally with epidote	I969708	179.50	180.50	1.00	0.015
		MS variable (0.4-3.6)	I969709	180.50	181.50	1.00	0.0025
			I969710	181.50	182.50	1.00	0.0025
			I969711	186.50	188.00	1.50	0.0025
			I969712	190.00	191.00	1.00	0.0025
			I969713	191.00	192.00	1.00	0.005
193.00	210.20	**MV Mafic Volcanic**					
		massive; MS=0.4	I969714	198.00	199.00	1.00	0.0025
		197-205 flow breccia; breccia frags surrounded by hemitite	I969715	199.00	200.00	1.00	0.0025
		205.1-205.55 5-10% QVs, tr py	I969716	200.00	201.00	1.00	0.0025
		206.2-206.8 3-5% QV, tr py, hemitite	I969717	201.00	202.00	1.00	0.0025
			I969718	202.00	203.00	1.00	0.005
			I969719	203.00	204.00	1.00	0.0025
			I969720	204.00	205.00	1.00	0.0025
			I969721	205.00	206.00	1.00	0.132
			I969722	206.00	207.00	1.00	0.0025

Lithology								
From	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
210.20 -	231.90	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 50 deg to CA; fol decreasing down unit; grey - light grey in colour; intermediate comp with felsic frags; MS=0.1 210.2-219 flattened fragments	I969723	213.00	214.00	1.00	0.0025
231.90 -	237.00	**MV Mafic Volcanic** generally massive; fine to med grained, no visible sulphides 232.2 3 cm QV with albite? 45 deg to CA 234.6 5 cm QV/carb 30 deg to CA 235.85 3 cm QV	I969724	231.90	233.00	1.10	0.0025
			I969725	234.00	235.00	1.00	0.0025
			I969726	235.00	236.00	1.00	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	154.80	27/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475252.06	520753.51	-2002.00	3400.00	Differential GPS	28/06/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	416.14	316.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K919		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	154.8	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Test Selby Zone		Hit 250' level (79m) mine workings at 154.8m down hole; approximately 6' wide where hole intersected

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
9.00			316.3	316.3	-44	-44	☐	Ranger SS		
51.00			318.6	318.6	-43.4	-43.4	☐	Ranger SS		
102.00			318.6	318.6	-42.4	-42.4	☐	Ranger SS		
150.00			319.1	319.1	-40.9	-40.9	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00	1.00	**CAS Casing**					
1.00	12.75	**MV Mafic Volcanic** massie med - coarse grained flow; spotted with chlorite clots					
12.75	14.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; sheared pillows; tr-1% py in salvages; tr qtz-carb veins	I969727	13.00	14.00	1.00	0.0025
14.50	25.00	**MV Mafic Volcanic** minor carb veins; no visible sulphides 19.5-20 MVSH fol 45 deg to CA 21.5-23 MVSH fol 50 deg to CA					
25.00	29.15	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; abundant qtz-carb veins // fol	I969728	25.00	26.00	1.00	0.008
			I969729	26.00	27.00	1.00	0.01
			I969730	27.00	28.00	1.00	0.0025
			I969731	28.00	29.15	1.15	0.0025

29.15	30.35	**SRSCH**
		fol 45 deg to CA; UC gradational with MVSH; abundant ser; 3-5 % QVs dominantly // fol, but occasinally x-cutting; silicified, altered FD; tr-1% py up to 3 mm
		MS=0
			I969732	29.15	29.75	0.60	0.008

			I969733	29.75	30.35	0.60	0.078

Lithology From	To		Sample #	From	To	Len.	Au ppm
30.35 -	32.00	**FD Felsic Dike** silicified (like haymaker); pink with abundant sericite; 5% QVs irrigular orientations, some QVs have black mineral within (tourmaline?); 1-2 % py MS=0	I969736	31.00	32.00	1.00	3.45
32.00 -	33.20	**SRSCH** fol 45 deg to CA; silicified (altered FD); ,1% QVs irrigular orientations; tr py MS=0	I969737	32.00	33.20	1.20	0.026

33.20 -	35.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared**
		fol 40 deg to CA; minor qtz-carb veins // fl, occasionally x-cutting; tr py
		MS=0.4
			I969739	34.00	35.00	1.00	0.005

35.60 -	45.50	**MV Mafic Volcanic** generally massive, occasional pillows 35.6-42.6 sparse phenos up to 2 cm MS=0.5					
45.50 -	51.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 to CA, minor qtz-carb veins irrigular orientations MS=0.4 to 2.6	I969740	47.00	48.00	1.00	0.0025
51.60 -	57.70	**SYD Syenite Dike** sharp UC and LC 55 deg to CA; massive med-coarse grained; spotted reddish-brown (feldspars?) 54.2-55 MVSH	I969741	51.60	52.50	0.90	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
57.70	58.55	**MV Mafic Volcanic** massive MS=0.4 58.4-58.55 SYD					
58.55	60.10	**SEDS Sandstone, Argillite, Mudstones** fol 45 deg to CA; finely laminated					
60.10	61.40	**MV Mafic Volcanic** massive, med grained MS=0.4					
61.40	63.25	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 45 deg to CA; lapilli tuff					
63.25	64.85	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 to CA; flow breccia; minor carb; tr-1% py, py MS=1.0	I969742 I969743	63.25 64.00	64.00 64.85	0.75 0.85	0.0025 0.0025
64.85	73.90	**MV Mafic Volcanic** massive med grained 70.1-70.3 SEDS fine bedding; 2-3% py, minor qtz-carb veins	I969744	70.00	71.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
73.90 -	80.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; abundant qtz-carb veins // fol, tr-1% py, py, cpy 74.1-74.3 white QV, tr po, cpy 75.9 po string // fol qith tr cpy	I969746	75.00	76.00	1.00	0.0025
			I969747	76.00	77.00	1.00	0.016
			I969748	77.00	78.00	1.00	0.0025
			I969749	78.00	79.00	1.00	0.0025
			I969750	79.00	79.75	0.75	0.0025
			I969751	79.75	80.50	0.75	0.0025
80.50 -	108.50	**MV Mafic Volcanic** 1-2% po, py in pilliow salvages 89-93 pillowed 91.5 2 cm QV 93.2 2 cm QV with albite? 96.5-103 pillowed, slightly sheared fol 55 deg to CA, abund qtz-carb veins in salvages; tr po, py in salvages 105-108.5 grading into much more intermediate volcanics; massive, occasional feld pheno's; no distinct contacts, possibly tuff?; light grey in colour; MS=0.3	I969753	90.00	91.00	1.00	0.0025
			I969754	91.00	92.00	1.00	0.0025
			I969755	92.00	93.00	1.00	0.0025
			I969756	93.00	94.00	1.00	0.01
			I969757	97.00	98.00	1.00	0.0025
			I969758	98.00	99.00	1.00	0.0025
			I969759	99.00	100.00	1.00	0.0025
			I969760	100.00	101.00	1.00	0.0025
108.50 -	115.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; intermediate composition; grey in colour; possibly tuff? but no distinct frags 108.5-110.5 possibly ash tuff; slightly banded (due to shearing?), very gradational into definate sheared mafic; abundant qtz-carb veins // fol near upper and lower portions of unit	I969761	108.50	109.50	1.00	0.0025
			I969762	109.50	110.25	0.75	0.0025
			I969763	110.25	111.00	0.75	0.044
			I969764	113.00	114.00	1.00	0.0025
115.00 -	119.00	**MV Mafic Volcanic** massive med grained; minor qtz-carb veins irrigular orientations; no visible sulphides					

Lithology From	To		Sample #	From	To	Len.	Au ppm
119.00 -	125.10	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; minor qtz-carb veins; tr-1% py 121.5-122.5 abundant qtz-carb veinlets // fol, 2-3 % py 122.5-123.5 sparse phenos	I969765	121.00	122.00	1.00	0.005
			I969766	122.00	123.00	1.00	0.0025
125.10 -	139.15	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 55-60 deg to CA; generally lapilli, occasionally ash tuff 2 cm QV at 125.5, 129.5 and 130.8 133-134 10 % QV, 1-2% py 136.5-137 10% QV, 1-2% py	I969767	126.00	127.00	1.00	0.0025
			I969768	127.00	128.00	1.00	0.0025
			I969769	128.00	129.00	1.00	0.0025
			I969770	129.00	130.00	1.00	0.101
			I969771	130.00	131.00	1.00	0.0025
			I969772	131.00	132.00	1.00	0.007
			I969773	132.00	133.00	1.00	0.006
			I969774	133.00	134.00	1.00	0.037
			I969775	134.00	135.00	1.00	0.042
			I969776	135.00	136.00	1.00	0.0025
			I969777	136.00	137.00	1.00	0.012
			I969778	137.00	138.00	1.00	0.0025
			I969779	138.00	139.15	1.15	0.013
139.15 -	141.70	**SRSCH** fol 55 deg to CA; alteration/abundance of sericite decreasing down unit as it leads to FD; tr py; tr QV	I969780	139.15	140.00	0.85	0.0025
			I969782	140.00	141.00	1.00	0.0025
			I969783	141.00	141.70	0.70	0.029
141.70 -	142.50	**FD Felsic Dike** silicified (like haymaker); 2-3% py decreasing down unit; 5% QVs	I969784	141.70	142.50	0.80	0.626

Lithology From	To		Sample #	From	To	Len.	Au ppm
142.50 -	143.75	**SEDS Sandstone, Argillite, Mudstones** argillite; fol 45 deg to CA; dark grey-black; finely laminated; 2-3% py strings; minor QVs	I969786	142.50	143.00	0.50	0.229
			I969787	143.00	143.75	0.75	0.022
143.75 -	147.00	**TUFF Tuff (fine ash, lapilli, breccia)** slightly sheared; fol 50 deg to CA; lapilli tuff; minor QV // fol; tr py in QVs	I969788	143.75	145.00	1.25	0.0025
			I969789	145.00	146.00	1.00	0.0025
			I969790	146.00	147.00	1.00	0.0025
147.00 -	148.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; abundant qtz-carb veins // fol; tr py up to 5mm large	I969791	147.00	148.25	1.25	0.0025
148.25 -	151.40	**MV Mafic Volcanic** minor carb veins; tr py					
151.40 -	154.15	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 45 deg to CA; grey-light grey; 5% QVs decreasing donw unit; tr-1% py in qtz-carb veins	I969792	151.40	152.50	1.10	0.0025
			I969793	152.50	153.50	1.00	0.0025
			I969794	153.50	154.15	0.65	0.0025
154.15 -	154.80	**MV Mafic Volcanic** minor qtz-carb veins; tr-1% py	I969795	154.15	154.80	0.65	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	282.00	28/06/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475251.51	520754.03	-2002.00	3400.00	Differential GPS	01/07/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	416.13	318.00		-60.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K919		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	282	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill Selby Trend; same set up as KW-10-21, but steeper dip (-60)		65 Boxes stored at the Big Master/Kenwest site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			317.8	317.8	-59.5	-59.5	☐	Ranger SS		
27.00			317.3	317.3	-59.1	-59.1	☐	Ranger SS		
78.00			317	317	-58	-58	☐	Ranger SS		
129.00			316.3	316.3	-56.8	-56.8	☐	Ranger SS		
180.00			315.5	315.5	-55.4	-55.4	☐	Ranger SS		
231.00			315.5	315.5	-53.9	-53.9	☐	Ranger SS		
282.00			315.3	315.3	-53.1	-53.1	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	3.00	**CAS Casing**					
3.00 -	5.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 55 deg to CA; minor qtz-carb veins; tr py					
5.00 -	23.50	**MV Mafic Volcanic** med-coarse grained; spotted with chlorite clots; tr QVs; tr po, py 18-18.5 MVSH fol 55 deg to CA	I969796	18.00	19.00	1.00	0.0025
23.50 -	31.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** sheared pillows? Fol 25 deg to CA; <1% QVs; tr py	I969797	23.50	24.50	1.00	0.0025
			I969798	26.00	27.00	1.00	0.0025
31.00 -	35.25	**MV Mafic Volcanic** coarse grained; massive; spotted with chlorite clots					
35.25 -	44.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35 to CA 37.5-42 pillowed; 1-2% py in salvages	I969799	35.25	36.00	0.75	0.0025
			I969800	36.00	37.00	1.00	0.0025
			I969801	37.00	38.00	1.00	0.0025
			I969802	38.00	39.00	1.00	0.0025
			I969803	43.50	44.60	1.10	0.085

Lithology From	To		Sample #	From	To	Len.	Au ppm
44.60 -	49.20	**SRSCH** altered FD; fol 35 deg to CA; sharp UC 35 deg to CA; sharp LC 30 deg to CA; abundance of sericite decreasing down unit; 5-10% QVs decreasing down unit, chlorite in QV's; tr -1% po, py, cpy 45.7 1 cm bleb of cpy in QV	I969804	44.60	45.50	0.90	0.025
			I969805	45.50	46.50	1.00	0.066
			I969806	46.50	47.50	1.00	0.0025
			I969808	47.50	48.50	1.00	0.013
			I969809	48.50	49.20	0.70	0.0025
49.20 -	50.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 30 deg to CA; minor carb veins // fol; tr py					
50.50 -	51.75	**DIOD Diorite Dike** slightly foliated 30 deg to CA; 1% dissiminated sulphides ; tr carb/qtz veins; MS=0.2	I969811	50.50	51.50	1.00	0.0025
51.75 -	54.50	**MV Mafic Volcanic** sparse phenos					
54.50 -	60.00	**MVPH Mafic Volcanic - Large Feldspar Phenocrysts** feld phenos up to 1.5 cm 58-60m minor shearing fol 35 deg to CA					
60.00 -	64.85	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol variable from 35 to 45 deg to CA 64-64.85 pillows; 5% carb; 2-3 % py in salvages	I969812	60.50	61.50	1.00	0.0025
			I969813	63.90	64.85	0.95	0.0025

Lithology									
From		*To*			*Sample #*	*From*	*To*	*Len.*	*Au ppm*
64.85	-	68.15	**SYD Syenite Dike** very gradational UC; sharp LC 50 deg to CA; fine to medium grained, pinkish feldspars; <1% carb veins irrigular orientations; no visible sulphides 67.5-67.8 cgr SYD MS=0.2						
68.15	-	76.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35 deg to CA; tr qtz-carb; tr py 73.4-73.9 10-15% qtz carb; 1-2% py		I969815	73.00	74.00	1.00	0.0025
76.00	-	79.50	**MV Mafic Volcanic** massive med. Grained; tr carb; no visible sulphides 79.4-79.5 MVSH at LC						
79.50	-	80.50	**SEDS Sandstone, Argillite, Mudstones** fine bedding; fol 60 deg to CA; alternate dark/light bandt; tr py; tr QV						
80.50	-	83.00	**MV Mafic Volcanic** fine-med grainde; no visible sulphides; tr qtz-carb veins 82.5-83 cgr flow; spotted with chlorite clots						
83.00	-	85.15	**TUFF Tuff (fine ash, lapilli, breccia)** lapilli; sheared 40 deg to CA; grey in colour; intermediate comp with felsic clasts MS=0.2						

Lithology									
From		*To*			*Sample #*	*From*	*To*	*Len.*	*Au ppm*
85.15	-	89.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35-40 deg to CA; flow breccia or small pillows? MS=0.4 86.5-86.95 SYD; fgr, massive						
89.00	-	92.85	**MV Mafic Volcanic** 1% QVs; tr py						
92.85	-	107.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35 deg to CA; MS=0.4-1.4 93.5-94 strong banding; 3-5% py; <1% QVs; possible SEDS 98-99m 5% qtz-carb veins; tr py 99-104.5 sparse phenos 103.5 5 cm QV with epidote and albite? 99.75-100.1 5-10% qtz-carb; 1-2% po, py 104.5-105.25 10% qtz-carb; tr py, po		I969816	92.85	94.00	1.15	0.006
					I969817	94.00	95.00	1.00	0.0025
					I969818	95.00	96.00	1.00	0.0025
					I969819	96.00	97.00	1.00	0.012
					I969820	97.00	98.00	1.00	0.0025
					I969821	98.00	99.00	1.00	0.0025
					I969822	99.00	100.10	1.10	0.0025
					I969823	103.00	104.00	1.00	0.0025
					I969824	104.00	105.00	1.00	0.0025
					I969825	105.00	106.00	1.00	0.0025
					I969826	106.00	107.00	1.00	0.0025
107.00	-	115.50	**MV Mafic Volcanic** pillowed, 5% qtz-carb with 1-2% po, py in salvages 113.5-115.5 sparse phenos		I969827	107.00	108.00	1.00	0.0025
					I969828	108.00	109.00	1.00	0.0025
					I969829	113.00	114.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
115.50 -	121.35	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 35 deg to CA; pillowed; <5% carb-qtz; tr-1% po,py	I969830	117.00	118.00	1.00	0.0025
			I969831	118.00	119.00	1.00	0.0025
121.35 -	139.00	**TUFF Tuff (fine ash, lapilli, breccia)** ash-lapilli tuff; sheared fol 40 deg to CA 121.35-124.65 appears pillowed, but of intermediate composition, then gradational into ash/lapilli tuff; 5% qtz-carb veins; tr py 124.65-139 sheared tuff 128.1 10 cm qtz-carb with black mineral (tourmaline?); no visible sulphides 131.5 10 cm white QVs; tr py 132.1 5 cm white QV; no visible sulphides	I969832	121.35	122.50	1.15	0.0025
			I969833	122.50	123.50	1.00	0.0025
			I969834	123.50	124.50	1.00	0.0025
			I969835	127.00	128.00	1.00	0.0025
			I969836	128.00	129.00	1.00	0.0025
			I969837	129.00	130.00	1.00	0.0025
			I969838	130.00	131.00	1.00	0.0025
			I969839	131.00	132.00	1.00	0.0025
			I969840	132.00	133.00	1.00	0.0025
			I969841	133.00	134.00	1.00	0.0025
			I969842	134.00	135.00	1.00	0.0025
			I969843	135.00	136.00	1.00	0.0025
			I969844	136.00	137.00	1.00	0.0025
			I969845	137.00	138.00	1.00	0.077
			I969846	138.00	139.00	1.00	0.0025
139.00 -	154.00	**MV Mafic Volcanic** 139-141 intermediate volcanic?; massive; grey-light grey in colour; granular/sugary texture; very gradationally changing into MV down unit 141-147 massive; tr carb veins; irrigular orientations 147-149.5 pillowed; abund carb; 2-3% py in salvages 149.5-150.75 massive; sparse phenos; 150.75-152.5 pillowed; sheared fol 30 deg to CA 152.5-154 massive; sparse pheno's	I969847	147.00	148.00	1.00	0.0025
			I969848	148.00	148.75	0.75	0.0025
			I969849	148.75	149.50	0.75	0.0025
			I969850	150.75	151.50	0.75	0.0025
			I969851	151.50	152.50	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
154.00 -	167.30	**TUFF Tuff (fine ash, lapilli, breccia)** 154-157 int. volc? Massive; granular/sugary texture; grey colour 157-167.3 sheared tuff (ash-lapilli) fol 35-40 deg to CA; 2-3% py; <5% QVs	I969852	157.50	158.50	1.00	0.008
			I969853	158.50	159.50	1.00	0.0025
			I969854	159.50	160.50	1.00	0.0025
			I969855	160.50	161.50	1.00	0.0025
			I969856	165.00	166.00	1.00	0.0025
			I969857	166.00	166.75	0.75	0.007
			I969858	166.75	167.30	0.55	0.005
167.30 -	169.10	**FD Felsic Dike** light grey with pinkish/purplish colour; sharp UC 40 deg to CA; sharp LC 50 deg to CA; highly silicified with 10-15 % QVs; 1-2% py, cpy; albite? in QV's and occasional tourmaline?	I969860	168.00	169.10	1.10	0.15
169.10 -	170.05	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 55 deg to CA; tr-1% py; minor QVs					
170.05 -	171.75	**FD Felsic Dike** silicified; light grey with pinkish/purplish colour; sharp UC 65 deg to CA; sharp LC 40 deg to CA	I969863	171.00	171.75	0.75	0.496
171.75 -	175.00	**TUFF Tuff (fine ash, lapilli, breccia)** 171.75-172.4 strong banding; minor QVs; 1-2% py // banding; fol 40 deg to CA 174,8-174.8 small FD; light grey/purplish 174.9-175 SEDS; argillite; dark grey-black; 1-2% py // bedding (fol 45 deg to CA)	I969865	171.75	173.00	1.25	0.099
			I969866	173.00	174.00	1.00	0.0025
			I969867	174.00	175.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
175.00 -	176.70	**FD Felsic Dike** pinkish/beige; silicified with dark bands defining fol 45-50 deg to CA; tr-1% py in fractures // fol or occasinally x-cutting foliation.	I969868	175.00	176.00	1.00	0.0025
			I969869	176.00	176.70	0.70	0.008
176.70 -	177.40	**SEDS Sandstone, Argillite, Mudstones** argillite; black-dark grey; strong banding 45 deg to CA 177.1-177.4 strong carb/qtz; tr-1% py	I969870	176.70	177.40	0.70	0.043
177.40 -	178.50	**LC Lost Core**	I969871	177.40	178.50	1.10	0.33
178.50 -	178.70	**SEDS Sandstone, Argillite, Mudstones** dark grey-black; 2-3% py // fol 40 deg to CA	I969872	178.50	179.50	1.00	0.009
178.70 -	185.00	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 50 deg to CA; grey-light grey; very gradational LC; <1% carb-qtz verins x-cutting fol	I969873	179.50	180.50	1.00	0.0025
			I969874	180.50	181.25	0.75	0.0025
			I969875	181.25	182.00	0.75	0.0025
			I969876	182.00	183.00	1.00	0.0025
			I969877	183.00	184.00	1.00	0.0025
			I969878	184.00	185.00	1.00	0.0025
185.00 -	186.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA minor qtz-carb veins // to and x-cutting fol	I969879	185.00	186.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
186.00 -	195.50	**MV Mafic Volcanic** massive; med grained flow; tr qtz-carb veins; tr py dissiminated throughout					
195.50 -	197.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA; abundant carb-qtz veins; tr py 196.5-197 possible tuff?	I969880	195.50	196.50	1.00	0.0025
			I969881	196.50	197.20	0.70	0.0025
197.20 -	202.00	**MV Mafic Volcanic** massive; sparse phenos; <5% carb-qtz veins irrigular					
202.00 -	211.20	**TUFF Tuff (fine ash, lapilli, breccia)** ash-lapilli; sheared fol 45 deg to CA; tr py <5% QVs 204-205 5-10% carb-qtz veins; tr py	I969882	203.00	204.00	1.00	0.0025
			I969883	204.00	205.00	1.00	0.005
			I969884	205.00	206.00	1.00	0.0025
			I969885	209.00	210.00	1.00	0.0025
			I969886	210.00	211.20	1.20	0.005
211.20 -	211.90	**SEDS Sandstone, Argillite, Mudstones** argillite; dark grey-black; fol 45 deg to CA; 3-5% py in bedding planes; minor carb	I969887	211.20	211.90	0.70	0.069
211.90 -	235.90	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 40 deg to CA, intensity of shearing decreasing down unit; fragments visible throughout entire unit; tr carb; no visible sulphides 211.9-215.2 sericite alt frags (tuff breccia) 215.2 lapilli tuf/tuff breccia; very distinct frags sheared fol 40 deg to CA	I969888	211.90	213.00	1.10	0.007
			I969889	213.00	214.00	1.00	0.0025
			I969890	214.00	215.00	1.00	0.012
			I969891	215.00	216.00	1.00	0.0025
			I969892	216.00	217.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
235.90 -	237.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; minor carb // fol; tr py					
237.00 -	253.00	**MV Mafic Volcanic** massive flow; grain size increasing down unit from med to coarse grained					
253.00 -	259.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA MS increasing down unit (ranging from 0.4 to 42.0) 253-253.7 5% qtz-carb veins // fol; tr py 254.7-255.2 5-10% qtz-carb veins // fol; tr py	I969893 I969894 I969895 I969896	253.00 254.00 255.00 256.00	254.00 255.00 256.00 257.00	1.00 1.00 1.00 1.00	0.0025 0.0025 0.0025 0.0025
259.00 -	265.00	**MV Mafic Volcanic** massive, coarse grained flow					
265.00 -	267.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 40 deg to CA <5% carb/qtz veins; tr py	I969897 I969898	265.00 266.00	266.00 267.00	1.00 1.00	0.0025 0.0025
267.00 -	279.00	**MV Mafic Volcanic** coarse grained flow; minor carb; tr py; minor epidote near QVs	I969899	267.00	268.00	1.00	0.0025

Lithology								
From	*To*		*Sample #*	*From*	*To*	*Len.*	*Au ppm*
279.00 -	282.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 5% qtz-carb veins; tr py generally confined to QVs	I969900	279.00	280.00	1.00	0.0025
			I969901	280.00	281.00	1.00	0.0025
			I969902	281.00	282.00	1.00	0.0025

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	207.00	01/07/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475324.51	520824.64	-2000.00	3500.00	Differential GPS	03/07/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	418.33	318.00		-44.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K919		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	207	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill Selby trend		48 Boxes stored at Big Master/ kenwest site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			306.1	306.1	-44.3	-44.3	☐	Ranger SS		
48.00			318	318	-43.7	-43.7	☐	Ranger SS		
99.00			317.5	317.5	-42.7	-42.7	☐	Ranger SS		
150.00			317.8	317.8	-41.5	-41.5	☐	Ranger SS		
207.00			316.8	316.8	-39.5	-39.5	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	2.70	**CAS Casing**					
2.70 -	19.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; <5% QVs // fol; tr-1% py in QVs; MS=0.3	I969903	8.50	9.50	1.00	0.005
			I969904	9.50	10.50	1.00	0.0025
19.50 -	63.70	**MV Mafic Volcanic** <5% carb 20.5-23.5 pillows and flow breccia with interstitial areas filled with carb; occasional amygdules filled with carb; tr py 26.2-26.4 breccia with hemitite in interstitial areas 29.8-31 MVSH fol irrigular (~50 deg to CA) 31-43.9 massive 43.9-49 pillows 46.65-47 chill? Aphanitic; dark grey-black 47.9-48.2 chill? Aphanitic; dark grey-black	I969905	20.50	21.50	1.00	0.0025
63.70 -	66.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 60 deg to CA; UC sharp with strong banding for 10cm (possible seds?); <5% carb; tr py, py MS=0.3-0.7	I969907	65.00	66.00	1.00	0.0025
66.00 -	69.95	**FD Felsic Dike** abundant sericite; highly silicified; ~10% QVs; 2-3% py, po; QV's infilling fractures in various orientations; sharp UC and LC 50 deg to CA MS=0.04	I969908	66.00	67.00	1.00	0.026
			I969910	67.00	68.00	1.00	0.217
			I969911	68.00	69.00	1.00	0.34
			I969912	69.00	69.95	0.95	0.458

Lithology From	To		Sample #	From	To	Len.	Au ppm
69.95	74.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; tr py; minor carb-qtz veins 72-72.15 QV wihit with minor sericite; 1-2% py	I969913	69.95	71.00	1.05	0.006
			I969914	71.00	72.00	1.00	0.0025
			I969915	72.00	73.00	1.00	0.234
			I969916	73.00	74.00	1.00	0.005
74.50	86.70	**MV Mafic Volcanic** 75.75-76 feld phenos 79.5-80.5 coarse grained; spotted with chlorite clots					
86.70	89.20	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 50 deg to CA; <5% carb/qtz veins; tr py MS=0.4	I969917	86.70	88.00	1.30	0.008
			I969918	88.00	89.20	1.20	0.005
89.20	90.85	**TUFF Tuff (fine ash, lapilli, breccia)** ash tuff; sheared fol 50 deg to CA; no visible sulphides MS=0.26					
90.85	91.90	**MV Mafic Volcanic**					
91.90	96.00	**TUFF Tuff (fine ash, lapilli, breccia)** lapilli tuff; visible fragments sheared; fol 50 deg to CA					
96.00	102.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** pillows/ flow breccia; <5% carb; no visible sulphides MS=0.3					

Lithology From	To		Sample #	From	To	Len.	Au ppm
102.00 -	112.50	**MV Mafic Volcanic** massive; medium grained					
112.50 -	116.45	**TUFF Tuff (fine ash, lapilli, breccia)** lapilli tuff; sheared fol 50 deg to CA; fragments up to 4 cm; minor carb; no visible sulphides					
116.45 -	119.00	**MV Mafic Volcanic** sparse phenos; <1% carb/qtz; no visible sulphides; small amounts of tuff intercalated throughout					
119.00 -	121.60	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 70 deg to CA; sheared pillows; 1-5% qtz-carb in salvages; tr py MS=0	I969919 I969920	120.00 121.00	121.00 121.60	1.00 0.60	0.006 0.0025
121.60 -	122.85	**LC Lost Core**					
122.85 -	125.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 45 deg to CA; sheared pillows; <1% qtz carb in salvages	I969921	123.00	124.00	1.00	0.0025
125.00 -	135.50	**MV Mafic Volcanic** 131.65-132 SYD? Med grained; massive 132-133.5 sparse phenos 135-135.5 pillows					

Lithology From	To		Sample #	From	To	Len.	Au ppm
135.50 -	136.75	**TUFF Tuff (fine ash, lapilli, breccia)** sheared 60 to CA					
136.75 -	140.30	**MV Mafic Volcanic** minor carb veins; no visible sulphides 137.45-137.75 tuff					
140.30 -	159.60	**TUFF Tuff (fine ash, lapilli, breccia)** intermediate with felsic clasts; tr-1% py; <5% QVs 140.3-147 gradational change from MV in to tuff; indistinct lithology due to vein overprinting; abundant carb-qtz veins fol 65 deg to CA 147-159.6 sheared tuff; distinct lapilli frags sheared 50 deg to CA; higher degree of alteration that seen in other holes 155.45 distinct contact between 2 different lapilli tuff units	I969922	142.00	143.00	1.00	0.0025
			I969923	143.00	144.00	1.00	0.0025
			I969924	144.00	145.00	1.00	0.0025
			I969925	145.00	146.00	1.00	0.0025
			I969926	146.00	147.00	1.00	0.006
			I969927	147.00	148.00	1.00	0.0025
			I969928	148.00	149.00	1.00	0.008
			I969929	149.00	150.00	1.00	0.011
			I969930	150.00	151.00	1.00	0.009
			I969931	151.00	152.00	1.00	0.005
			I969932	152.00	153.00	1.00	0.01
			I969933	153.00	154.00	1.00	0.005
			I969934	158.00	159.00	1.00	0.005
			I969935	159.00	159.60	0.60	0.017
159.60 -	162.10	**FD Felsic Dike** silicified; purplish colour; 5% QVs; 1-2% py; sharp UC 60 deg to CA; sharp LC 55 deg to CA	I969937	160.50	161.25	0.75	0.036
			I969938	161.25	162.10	0.85	0.051

Lithology From	To		Sample #	From	To	Len.	Au ppm
162.10 -	162.70	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 50 deg to CA; <1% qtz-carb; tr py in QV					
162.70 -	163.75	**FD Felsic Dike** silicified; purplish colour; sharp UC and LC 55 deg to CA; <1% QVs; tr py	I969940	162.70	163.75	1.05	0.0025
163.75 -	165.80	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 55 deg to CA; tr QVs; tr py	I969941	163.75	164.50	0.75	0.006
			I969942	164.50	165.30	0.80	0.005
			I969944	165.30	166.00	0.70	0.0025
165.80 -	166.80	**SRSCH** fol 45 deg to CA; 1% QVs; tr py 166.4-166.65 TUFF 166.65-166.8 SEDS argillite; 3-5% py	I969945	166.00	166.80	0.80	0.023
166.80 -	168.10	**FD Felsic Dike** pinkish in colour; abundant sericite increasing down unit; ~5% QVs decreasing down unit; tr-1% py	I969947	167.50	168.10	0.60	0.043
168.10 -	171.40	**SEDS Sandstone, Argillite, Mudstones** argillite; fol 50 deg to CA; 5-10% QVs; 10-15 % py	I969949	169.00	170.00	1.00	0.047
			I969950	170.00	170.75	0.75	9.93
			I969951	170.75	171.40	0.65	0.504

Lithology From	To		Sample #	From	To	Len.	Au ppm
171.40 -	175.10	**TUFF Tuff (fine ash, lapilli, breccia)** sheared; fol 50 deg to CA; <1% QVs	I969952	171.40	172.50	1.10	0.0025
175.10 -	182.90	**MV Mafic Volcanic** tr qtz-carb; tr py 175.5 py up to 3mm with carb rim	I969953	178.00	179.00	1.00	0.006
			I969954	179.00	180.00	1.00	0.0025
182.90 -	187.90	**TUFF Tuff (fine ash, lapilli, breccia)** 185.15-186.3 possible FD; ~5% QVs; minor sericite; tr py	I969955	183.00	184.00	1.00	0.0025
			I969956	184.00	185.15	1.15	0.005
			I969957	185.15	186.30	1.15	0.0025
			I969958	186.30	187.00	0.70	0.0025
			I969959	187.00	187.90	0.90	0.0025
187.90 -	189.90	**SEDS Sandstone, Argillite, Mudstones** argillite; 5% QVs; 10-15% py sharp UC 60 deg to CA; sharp LC 50 deg to CA 189m large clasts with chill margins within seds 189.15 10 cm of massive py	I969960	187.90	189.00	1.10	0.05
			I969961	189.00	189.90	0.90	0.07
189.90 -	197.20	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 55 deg to CA; <1% qtz-carb veins; tr py	I969962	189.90	191.00	1.10	0.0025
			I969963	191.00	192.00	1.00	0.0025
			I969964	195.00	196.00	1.00	0.0025
			I969965	196.00	197.20	1.20	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
197.20	199.00	**SEDS Sandstone, Argillite, Mudstones** argillite; fol 55 deg to CA; minor qtz-carb veins; 5-7% py; sharp UC 55 deg to CA; gradational LC	I969966	197.20	198.00	0.80	0.137
			I969967	198.00	199.00	1.00	0.107
199.00	207.00	**TUFF Tuff (fine ash, lapilli, breccia)** sheared fol 60 deg to CA; <1% qtz-carb; tr py; some areas appear to be pillows or breccia-possible int flow?	I969968	199.00	200.00	1.00	0.018
			I969969	200.00	201.00	1.00	0.0025
			I969970	201.00	202.00	1.00	0.0025
			I969971	202.00	203.00	1.00	0.0025
			I969972	203.00	204.00	1.00	0.0025
			I969973	204.00	205.00	1.00	0.013
			I969974	205.00	206.00	1.00	0.0025
			I969975	206.00	207.00	1.00	0.0025

ManitouGold Inc.

Drillhole Log

Units **Meters**

Manitou Gold Inc.

Province/State	*Co-ordinate System*	*Grid/Property*	*Hole Type*	*Length*	*Date Started*
Ontario	UTM NAD83 Canada Zone 15	KenCan	Surface	171.00	03/07/2010

District	*UTM North*	*UTM East*	*Local Grid E*	*Local Grid N*	*Collar Survey Method*	*Date Completed*
Kenora	5475035.06	520836.14	-1789.00	3300.00	Differential GPS	05/07/2010

Project	*UTM Elevation*	*Azimuth Astro. (°)*	*Azimuth Grid (°)*	*Dip (°)*	*Drill Contractor*	*Date Logged*
Kenwest	392.94	318.00		-43.00	Downing Drilling	

Area	*Claim No.*	*NTS Sheet*	*Supervised By*	*Logged By*	*Verified*
Boyer Lake Area	K4632		T. Keast	T. Taras	☐

Zone/Prospect	*Assessment Rpt. No.*	*Core Storage*	*Plug Depth*	*Makes Water*	*Capped*	*Environmental Inspection*
		Big Master Site		☐	☐	☐

Core Size (1)	NQ	171	*Casing Pulled*	*Casing (1)*		NW Steel	*Plugged*	*Pulsed*	*Geophysics Contractor*	*Date Pulsed*
(2)			☐	*(2)*			☐	☐		

Purpose	*Results*	*Comments*
Drill shear on surface coincident with IP chargibility anomaly		39 Boxes stored at Big Master/Kenwest site

Distance	*Grid Azimuth (°)*		*Astro. Azimuth (°)*		*Dip (°)*		*Use Test*	*Survey Method*	*Mag. Field (nT)*	*Comments*
	Original	*Final*	*Original*	*Final*	*Original*	*Final*				
6.00			317.5	317.5	-42.8	-42.8	☐	Ranger SS		
48.00			315	315	-42.3	-42.3	☐	Ranger SS		
99.00			315.7	315.7	-41.8	-41.8	☐	Ranger SS		
171.00			315.7	315.7	-40.9	-40.9	☐	Ranger SS		

Lithology From	To		Sample #	From	To	Len.	Au ppm
0.00 -	4.00	**CAS Casing**					
4.00 -	25.70	**MV Mafic Volcanic** MS=0.5 9-10.5m coarse grained flow 14.2-20.5 coarse grained flow					
25.70 -	28.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 60 deg to CA; <5% qtz-carb veins; local pillows and sparse feld phenos; tr py in qtz-carb veins	I969978	27.00	28.00	1.00	0.006
28.00 -	35.70	**MV Mafic Volcanic** massive; coarse grained flow 30-31.5 sparse phenos 31.5-32.1 5% QVs; tr py	I969979 I969980	31.00 32.00	32.00 33.00	1.00 1.00	0.0025 0.006
35.70 -	39.25	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 70 deg to CA; 5% carb 35.7 5cm QV; white with chlorite; tr py	I969982 I969983	37.00 38.00	38.00 39.25	1.00 1.25	0.0025 0.0025
39.25 -	41.00	**TUFF Tuff (fine ash, lapilli, breccia)** visible lapilli fragments; sheared fol 70 deg to CA	I969984 I969985	39.25 40.25	40.25 41.00	1.00 0.75	0.005 0.027

Lithology From	To		Sample #	From	To	Len.	Au ppm
41.00 -	56.60	**MV Mafic Volcanic** 41-42 MVSH fol 70 deg tp CA; tr py 44-51 pillows	I969986	41.00	42.00	1.00	0.0025
			I969987	51.00	52.00	1.00	0.0025
			I969988	52.00	53.00	1.00	0.0025
			I969989	55.20	56.00	0.80	0.006
56.60 -	58.00	**DIOD Diorite Dike** aphanitic; tr-1% dissiminated py					
58.00 -	83.70	**MV Mafic Volcanic** <1% qtz-carb veins w/ tr py 63-71 cg 68.3 5cm QV 74.25 5cm QV 78.85-79.65 MVSH 81.3-83.25 15% QV tr py	I969990	73.50	74.50	1.00	0.0025
			I969991	78.85	79.65	0.80	0.0025
			I969992	81.00	82.00	1.00	0.0025
			I969993	82.00	83.00	1.00	0.0025
			I969994	83.00	83.70	0.70	0.0025
83.70 -	84.40	**DIOD Diorite Dike** LC sharp 55 medium grained, massive					
84.40 -	91.50	**MV Mafic Volcanic** pillowed 87.5-89.5 sheared fragments 50deg (flow breccia?) MS 0.5 90.5-91.3 abundant epidote 5%QV	I969995	87.50	88.50	1.00	0.0025
			I969996	88.50	89.50	1.00	0.0025
			I969997	89.50	90.50	1.00	0.0025
			I969998	90.50	91.50	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
91.50 -	97.25	**MV Mafic Volcanic** pillowed fol 55-60 1-2%py, <5%qtz carb veins	I970000	91.50	92.50	1.00	0.0025
			I970001	92.50	93.50	1.00	0.006
			I970002	93.50	94.50	1.00	0.0025
97.25 -	98.05	**SYD Syenite Dike** sharp UC 55deg, LC 65deg fol 55 tr. diss. py					
98.05 -	99.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 5%carb parallel fol 60deg					
99.00 -	102.00	**MV Mafic Volcanic** 5mm py cubes tr-1%, tr carb	I970004	99.00	100.00	1.00	0.0025
			I970005	100.00	101.00	1.00	0.0025
			I970006	101.00	102.00	1.00	0.0025

Lithology From	To		Sample #	From	To	Len.	Au ppm
102.00 -	134.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 102.9-103.5 3-5%pypo parallel fol 60deg 107.7 1cm QV - kspar?, trpy 109.4 3cm QV - kspar, trpy 113.5-114.5 MV 116.9 py w/ carb filled pressure shadows 131-131.65 seds - alt. dark/light bands, very fine, 3-5% py parallel beffing planes 55deg	I970007	102.00	103.00	1.00	0.0025
			I970008	103.00	104.00	1.00	0.0025
			I970009	104.00	105.00	1.00	0.0025
			I970010	105.00	106.00	1.00	0.0025
			I970011	106.00	107.00	1.00	0.0025
			I970012	107.00	108.00	1.00	0.0025
			I970013	108.00	109.00	1.00	0.0025
			I970014	109.00	110.00	1.00	0.0025
			I970015	110.00	111.00	1.00	0.0025
			I970017	112.50	113.50	1.00	0.0025
			I970018	113.50	114.50	1.00	0.0025
			I970019	114.50	115.50	1.00	0.0025
			I970020	116.50	117.50	1.00	0.0025
			I970021	117.50	118.50	1.00	0.008
			I970022	118.50	119.50	1.00	0.0025
			I970023	121.00	122.00	1.00	0.0025
			I970024	127.00	128.00	1.00	0.0025
			I970025	128.00	129.00	1.00	0.008
			I970026	129.00	130.00	1.00	0.0025
			I970027	130.00	131.00	1.00	0.0025
			I970028	131.00	131.65	0.65	0.193
			I970029	131.65	132.50	0.85	0.0025
134.50 -	136.00	**MV Mafic Volcanic** 135.75-136 MVSH 1-2% py parallel fol 55deg					
136.00 -	137.00	**DIOD Diorite Dike** massive, sharp UC 45deg, LC 65deg cg, <1%qtz carb					

Lithology From	To		Sample #	From	To	Len.	Au ppm
137.00 -	141.50	**MV Mafic Volcanic** 1-2%QV, tr-1% py	I970030	141.00	142.00	1.00	0.0025
141.50 -	143.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** 1-2%QV, fol 65deg, tr-1% py	I970031	142.00	143.00	1.00	0.0025
143.00 -	151.00	**TUFF Tuff (fine ash, lapilli, breccia)** fol 55deg, tr py 147.5-148.5 10%QV, tr-1% pycpy	I970032	146.50	147.50	1.00	0.02
			I970033	147.50	148.50	1.00	0.032
			I970034	148.50	149.50	1.00	0.009
151.00 -	156.50	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** tr-1% py 1-2% qtz carb parallel fol 65deg	I970035	154.00	155.00	1.00	0.0025
156.50 -	169.00	**MV Mafic Volcanic** mg, trpy, <1% carb bands 158.75 shear zone, minor veins (hematite?) 163.9-165 2-3% py - large cubes, CL? filled pressure shadows 165.1-165.2 fg DIOD?	I970036	163.75	165.00	1.25	0.0025
169.00 -	171.00	**MVSH Mafic Volcanic - Weakly to Moderately Sheared** fol 70deg, trpy, <1% qtz carb					

APPENDIX II
Drill Sections

5,475,300mN
520,600mE
5,475,200mN
520,700mE
5,475,100mN
520,800mE
400mRL
300mRL
200mRL
KW-10-20
CAS
TUFF
MVSH
MV
QV
SEDS
237 m
316 Az, -43 Dip
KW-10-20
KW-10-24
DIOD
MPV
SYD
171 m
318 Az, -43 Dip
KW-10-24
0
12.5
25
metres
Legends
HoleID
Sample No. Text
LithCode Text
LithCode TraceShade
EOH
mm given at scale of 1:500
Litho Code
CAS - Casing
LC - Lost Core
SQS - Sericite Quartz Schist
CLSRSCH - Chlorite Sericite Schist
SRSCH - Sericite Schist
CLQSCH - Chlorite Quartz Schist
CLSCH - Chlorite Schist
MPV - Mafic Volcanic, Pillowed
MV - Mafic Volcanic
MVSH - Mafic Volcanic, Sheared
MVPH - Mafic Volcanic, Porphyritic
INTV - Intermediate Volcanic
TUFF- Mafic Tuff
SBZ - Silicified Blue Zone
QV - Quartz Vein
GAB - Gabbro
MD - Mafic Dike
INTD - Intermediate Dike
DIOD - Diorite dike
QP - Quartz Porphyry
QFP - Quartz Feldspar Porphyry
FD - Felsic Dike
SYD - Syenite Dike
ManitouGold Inc.
Kenwest Property
Section 3300 N
Looking NE
Drill Hole KW-10- 20, 24
Patents K4632, S25 (K919)
Date: 5/11/2012
Author: K.Kettles
Office: Sudbury
Drawing: S3300N
Scale: 1:500
UTM NAD83 Zone 15N

520,650mE
5,475,350mN
520,700mE
5,475,300mN
520,750mE
5,475,250mN
400mRL
350mRL
300mRL
250mRL
200mRL

KW-10-21
KW-10-22

154.8 m
316 Az; -44 Dip
KW-10-21

282 m
318 Az; -60 Dip
KW-10-22

Legends

HoleID
Sample No.
Text
LithCode
Text
LithCode
TradeShade
EOH

mm given at scale of 1:500

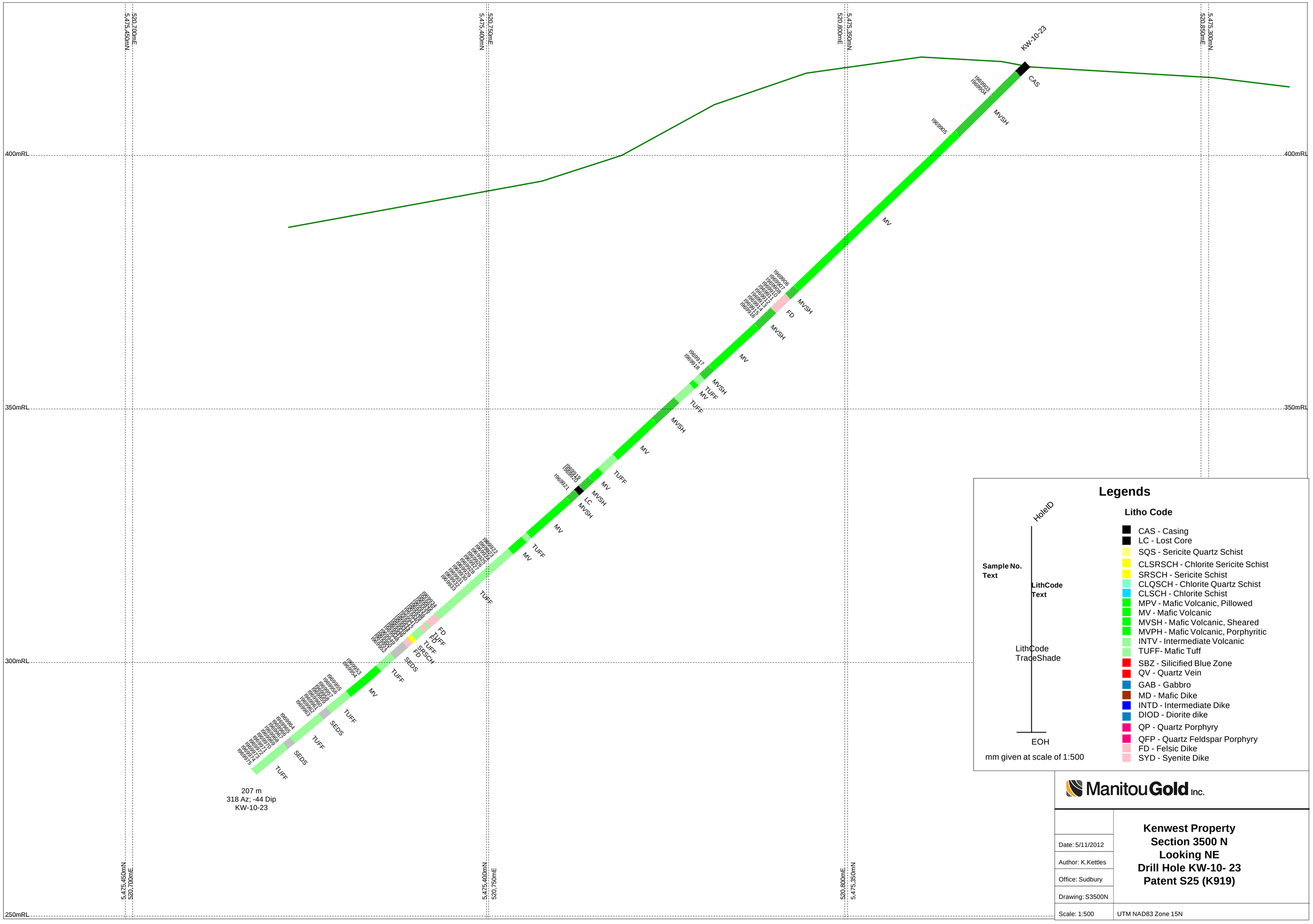
Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

Kenwest Property
Section 3400 N
Looking NE
Drill Hole KW-10- 20, 21
Patent S25 (K919)

Date: 5/11/2012
Author: K.Kettles
Office: Sudbury
Drawing: S3400N
Scale: 1:500
UTM NAD83 Zone 15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TraceShade

EOH

mm given at scale of 1:500

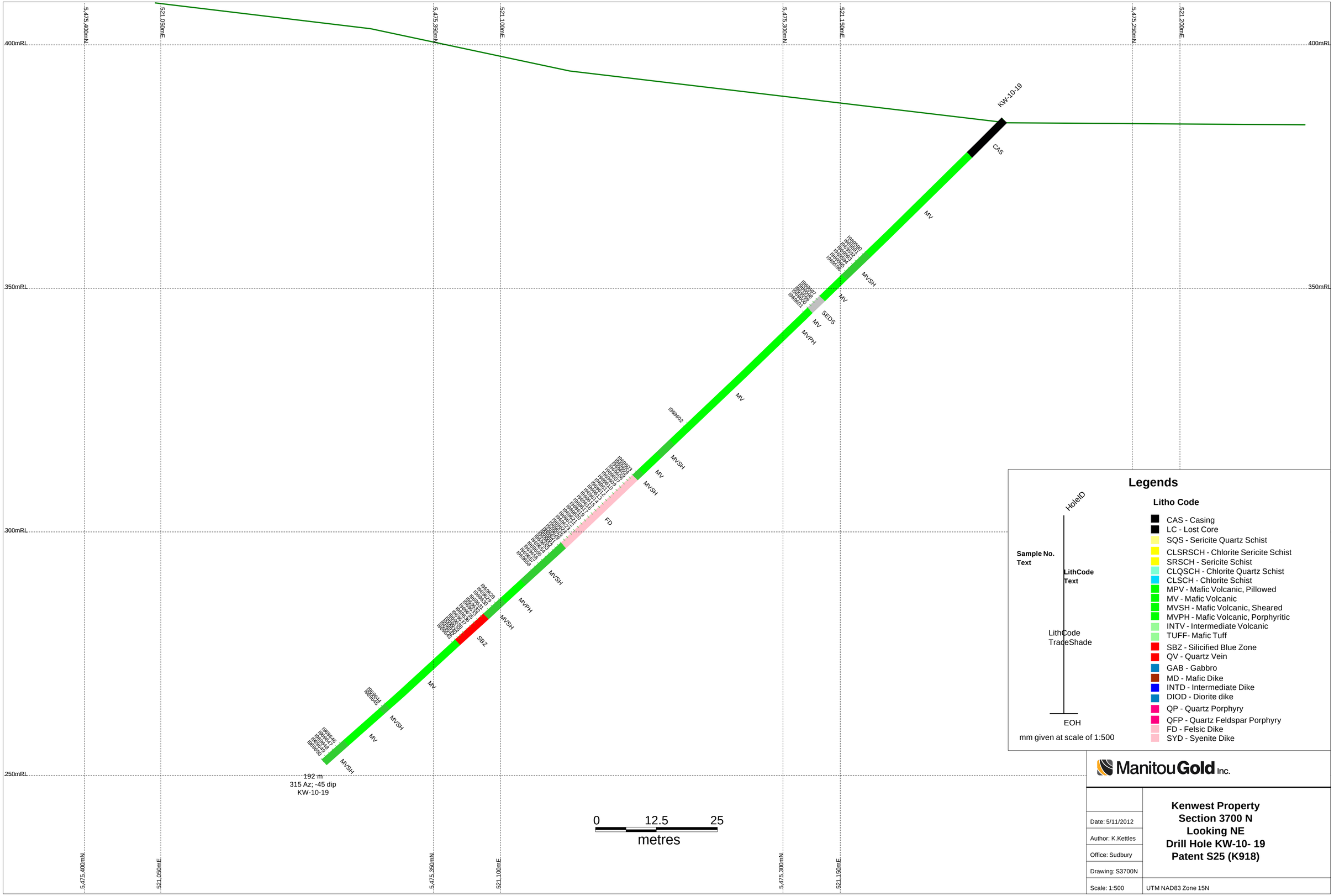
Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

Kenwest Property
Section 3500 N
Looking NE
Drill Hole KW-10- 23
Patent S25 (K919)

Date: 5/11/2012	
Author: K.Kettles	
Office: Sudbury	
Drawing: S3500N	
Scale: 1:500	UTM NAD83 Zone 15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TraceShade

EOH

mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

	Kenwest Property **Section 3700 N** **Looking NE** **Drill Hole KW-10- 19** **Patent S25 (K918)**
Date: 5/11/2012	
Author: K.Kettles	
Office: Sudbury	
Drawing: S3700N	
Scale: 1:500	UTM NAD83 Zone 15N

521,150mE
5,475,550mN
521,200mE
5,475,500mN
521,250mE
5,475,450mN
521,300mE
350mRL
300mRL
250mRL

KW-10-18
CAS
MV
MVSH
FD
CLSCH
MVSH
MV
MVSH
MV
FD
MV
SRSCH
FD
MV
MVSH
MVPH
MVSH
MV

192 m
316 Az; -44 Dip
KW-10-18

Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TradeShade

EOH

mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

ManitouGold inc.

Kenwest Property
Section 3900 N
Looking NE
Drill Hole KW-10- 18
Patents HP405, S25

Date: 5/11/2012
Author: K.Kettles
Office: Sudbury
Drawing: S3900N
Scale: 1:500
UTM NAD83 Zone 15N

521,300mE
5,475,800mN
521,400mE
5,475,700mN
521,500mE
400mRL
300mRL
200mRL
KW-10-17
KW-10-16
192 m
314 Az; -44 Dip
KW-10-17
159 m
134 Az; -44 Dip
KW-10-16
0
12.5
25
metres
Legends
HoleID
Sample No. Text
LithCode Text
LithCode TradeShade
EOH
mm given at scale of 1:500
Litho Code
CAS - Casing
LC - Lost Core
SQS - Sericite Quartz Schist
CLSRSCH - Chlorite Sericite Schist
SRSCH - Sericite Schist
CLQSCH - Chlorite Quartz Schist
CLSCH - Chlorite Schist
MPV - Mafic Volcanic, Pillowed
MV - Mafic Volcanic
MVSH - Mafic Volcanic, Sheared
MVPH - Mafic Volcanic, Porphyritic
INTV - Intermediate Volcanic
TUFF- Mafic Tuff
SBZ - Silicified Blue Zone
QV - Quartz Vein
GAB - Gabbro
MD - Mafic Dike
INTD - Intermediate Dike
DIOD - Diorite dike
QP - Quartz Porphyry
QFP - Quartz Feldspar Porphyry
FD - Felsic Dike
SYD - Syenite Dike
ManitouGold Inc.
Kenwest Property
Section 4200 N
Looking NE
Drill Hole KW-10- 16, 17
Patents HP405
Date: 5/11/2012
Author: K.Kettles
Office: Sudbury
Drawing: S4200N
Scale: 1:500
UTM NAD83 Zone 15N

5,476,400mN
521,750mE
5,476,350mN
521,800mE
5,476,300mN
521,850mE
5,476,250mN
400mRL
350mRL
300mRL
250mRL
KW-10-01
CAS
MVPH
MVSH
DIOD
SBZ
CLSCH
MV
SYD
SRSCH
180 m
315 Az; -45 Dip
KW-10-01
0
12.5
25
metres

Legends

HoleID
Sample No.
Text
LithCode
Text
LithCode
TraceShade
EOH
mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

ManitouGold Inc.

Kenwest Property
Section 4900 N
Looking NE
Drill hole KW-10-01
Patents HP366, HP367

Date: 5/9/2012
Author: K.Kettles
Office: Sudbury
Drawing: S4900N
Scale: 1:500
Projection: UTM NAD83 Zone 15

521,800mE
5,476,500mN
521,850mE
5,476,450mN
521,900mE
5,476,400mN
400mRL
350mRL
300mRL
250mRL
200mRL

KW-10-02
KW-10-03
KW-10-04

99 m
308 Az: -44 Dip
KW-10-02

117 m
312 Az: -44 Dip
KW-10-03

177 m
315 Az; -65 Dip
KW-10-04

0 12.5 25
metres

Legends

Sample No.
Text

HoleID

LithCode
Text

LithCode
TraceShade

EOH

mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

Kenwest Property
Section 5020 N
Looking NE
Drillholes KW-10-02 to 04
Patent HP366

Date: 5/9/2012
Author: K.Kettles
Office: Sudbury
Drawing: S5020N
Scale: 1:500
Projection: UTM NAD83 Zone 15N

521,850mE
5,476,450mN
521,900mE
5,476,400mN
521,950mE
400mRL
350mRL
300mRL
250mRL
200mRL
KW-10-05
CAS
MV
I968750
SBZ
I968801
I968802
I968803
I968804
I968806
I968807
I968808
I968805
I968809
I968810
I968811
I968812
I968813
SYD
I968814
I968815
I968816
I968817
I968818
I968819
I968820
MVSH
I968821
I968822
I968823
I968824
I968825
I968826
I968827
I968828
I968829
I968830
MVPH
I968832
I968833
I968835
I968836
I968837
I968838
I968839
I968840
I968841
I968842
I968843
I968844
I968845
I968846
I968847
I968848
I968849
I968850
I968851
I968852
I968853
I968854
I968855
I968856
I968857
I968858
I968859
I968860
CLSCH
I968761
DIOD
249 m
310 Az; -54 Dip
KW-10-05
0
12.5
25
metres

Legends

HoleID

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Sample No.
Text

LithCode
Text

LithCode
TraceShade

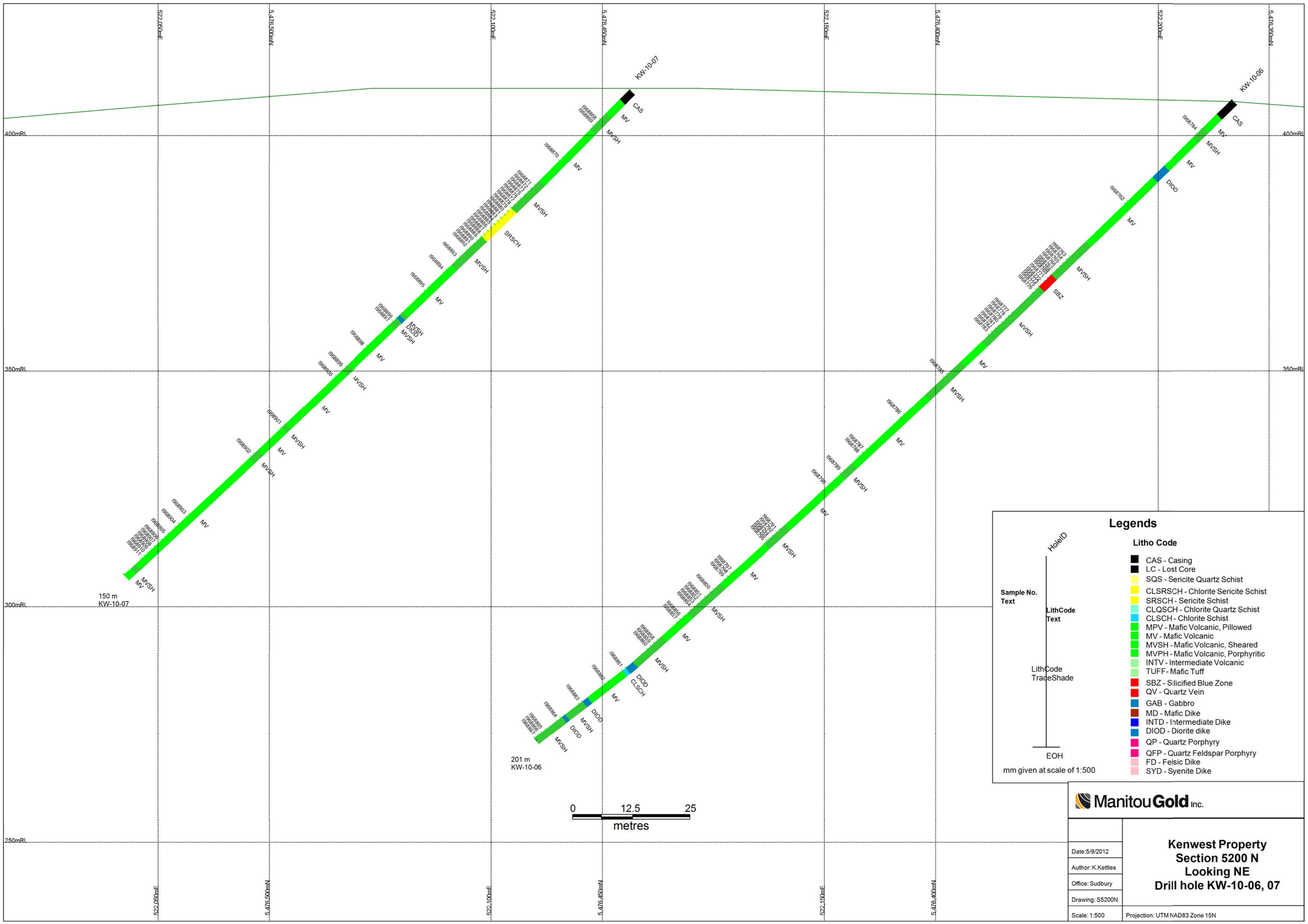
EOH

mm given at scale of 1:500

ManitouGold Inc.

Kenwest Property
Section 5035 N
Looking NE
Drill hole KW-10-05
Patent HP 366

Date: 5/9/2012
Author: K.Kettles
Office: Sudbury
Drawing: S5035N
Scale: 1: 500
Projection: UTM NAD83 Zone 15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TraceShade

EOH

mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

Date:5/9/2012	**Kenwest Property** **Section 5200 N** **Looking NE** **Drill hole KW-10-06, 07**
Author: K.Kettles	
Office: Sudbury	
Drawing: S5200N	
Scale: 1:500	Projection: UTM NAD83 Zone 15N

522,000mE
5,476,700mN
522,050mE
5,476,650mN
522,100mE
5,476,600mN
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
KW-10-10
CAS
MVSH
MV
SRSCH
QV
MVPH
DIOD
CLSCH
SBZ
FD
279 m
316 Az; -55 Dip
KW-10-10
0
12.5
25
meters

Legends

HoleID
Sample No.
Text
LithCode
Text
LithCode
TraceShade
EOH
mm given at scale of 1:500

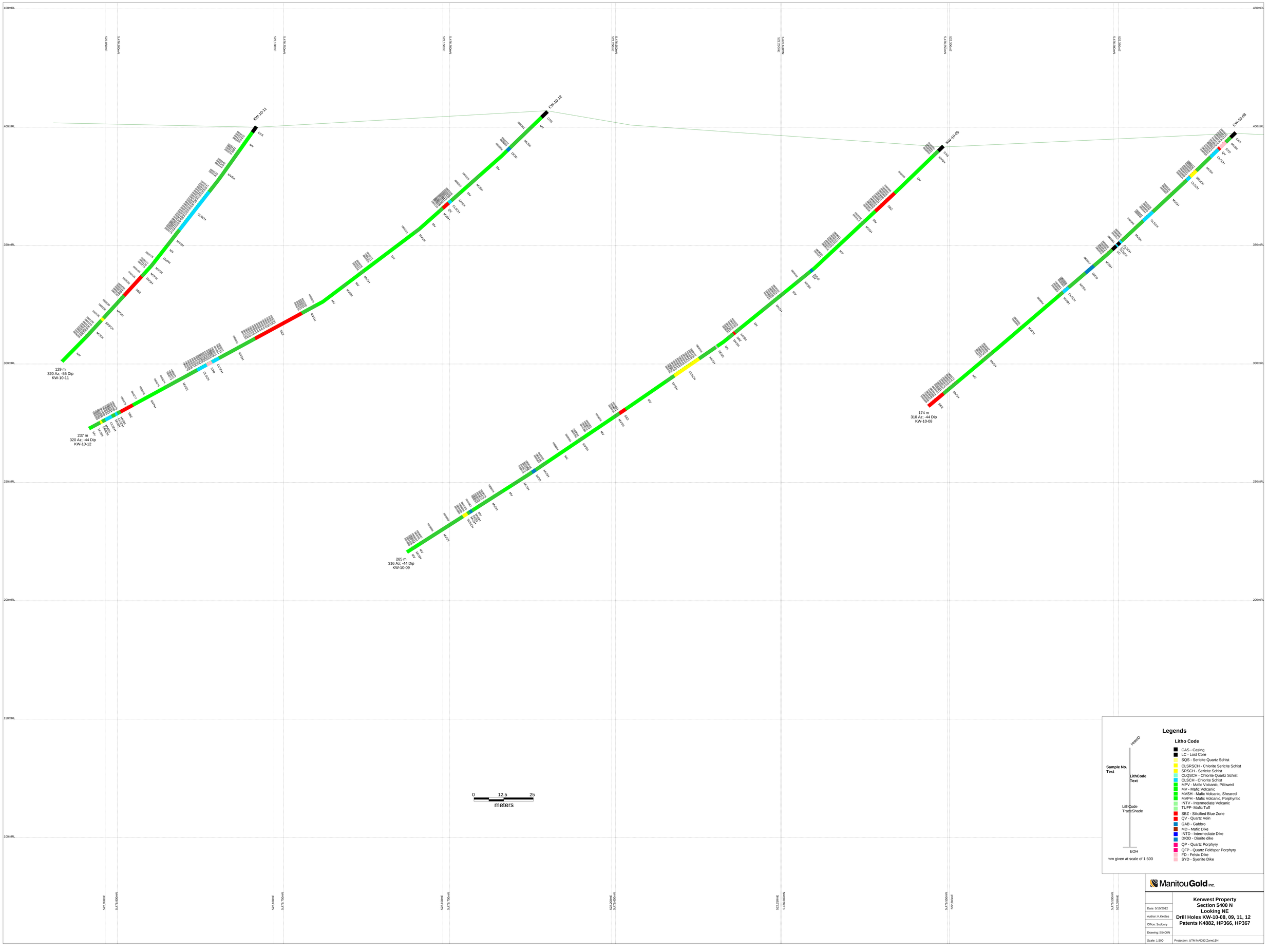
Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

ManitouGold Inc.

Kenwest Property
Section 5300 N
Looking NE
Drill Hole KW-10-10
Patents HP366, HP367

Date: 5/11/2012
Author: K.Kettles
Office: Sudbury
Drawing: S5300N
Scale: 1:500
Projection: UTM NAD83 Zone 15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TraceShade

EOH

mm given at scale of 1:500

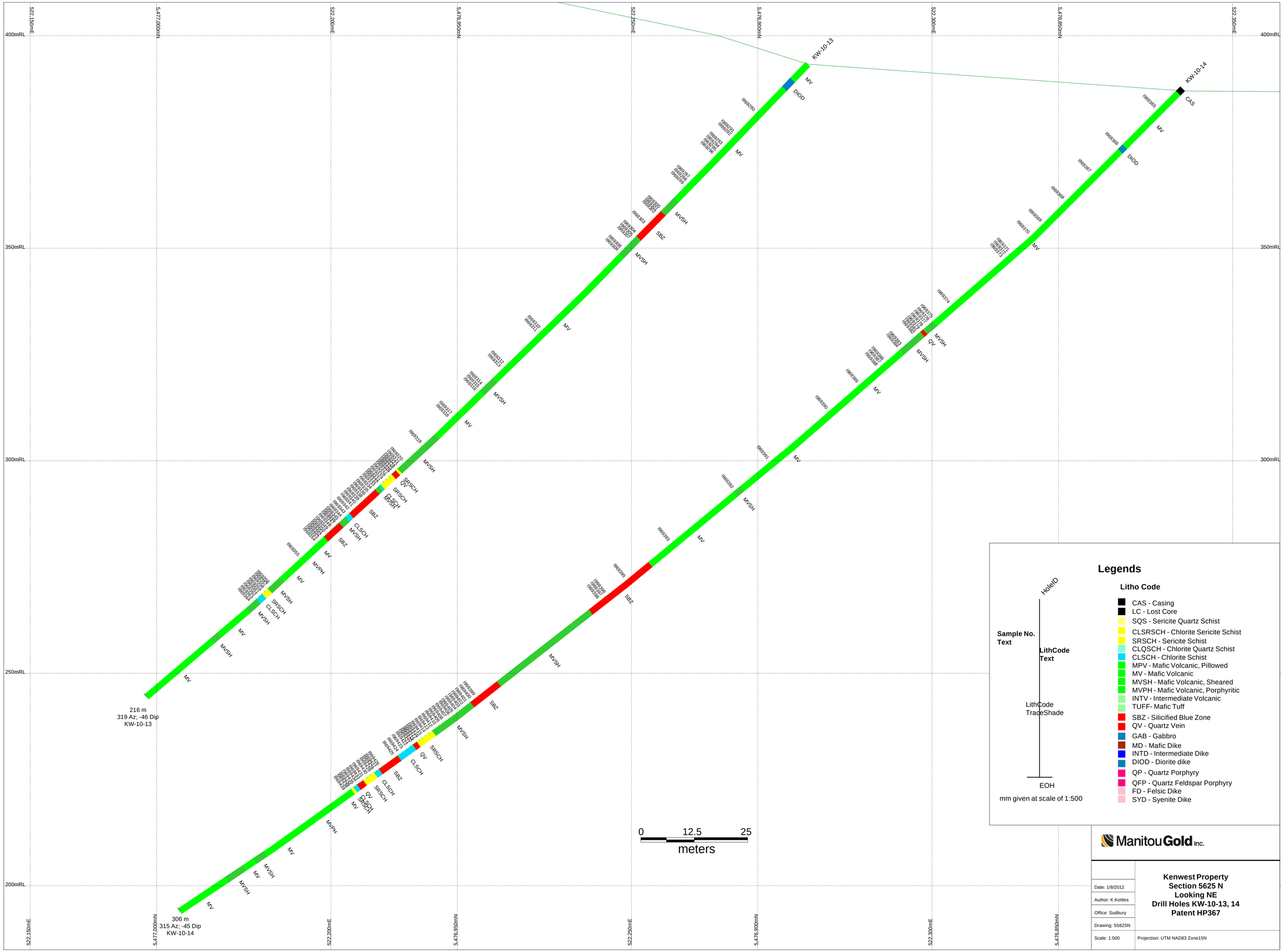
Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

ManitouGold Inc.

Kenwest Property
Section 5400 N
Looking NE
Drill Holes KW-10-08, 09, 11, 12
Patents K4882, HP366, HP367

Date: 5/10/2012	
Author: K.Kettles	
Office: Sudbury	
Drawing: S5400N	
Scale: 1:500	Projection: UTM NAD83 Zone15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TraceShade

EOH

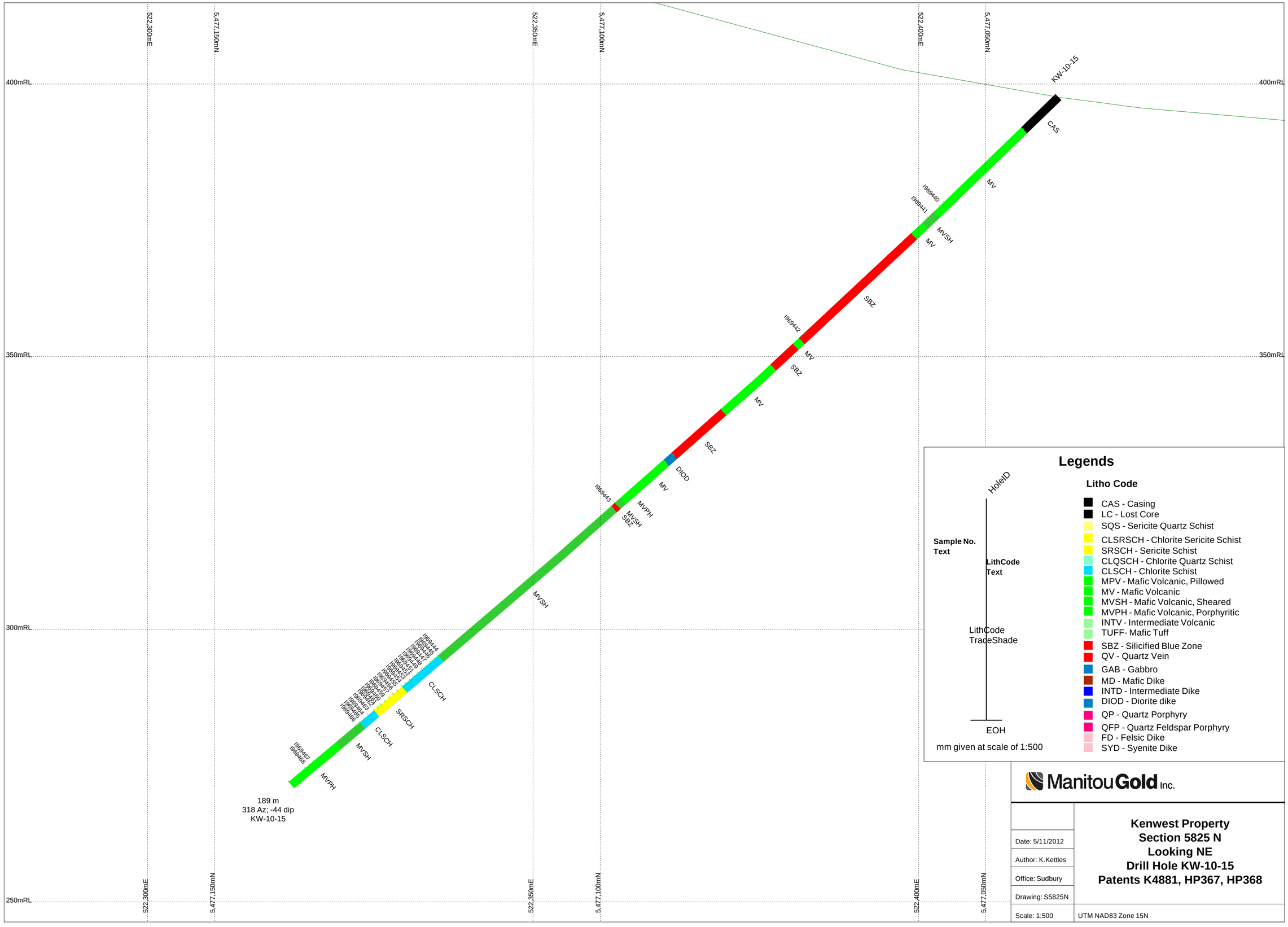
mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

Manitou Gold Inc.

	Kenwest Property **Section 5625 N** **Looking NE** **Drill Holes KW-10-13, 14** **Patent HP367**
Date: 1/8/2012	
Author: K.Kettles	
Office: Sudbury	
Drawing: S5625N	
Scale: 1:500	Projection: UTM NAD83 Zone15N



Legends

HoleID

Sample No.
Text

LithCode
Text

LithCode
TradeShade

EOH

mm given at scale of 1:500

Litho Code

- CAS - Casing
- LC - Lost Core
- SQS - Sericite Quartz Schist
- CLSRSCH - Chlorite Sericite Schist
- SRSCH - Sericite Schist
- CLQSCH - Chlorite Quartz Schist
- CLSCH - Chlorite Schist
- MPV - Mafic Volcanic, Pillowed
- MV - Mafic Volcanic
- MVSH - Mafic Volcanic, Sheared
- MVPH - Mafic Volcanic, Porphyritic
- INTV - Intermediate Volcanic
- TUFF- Mafic Tuff
- SBZ - Silicified Blue Zone
- QV - Quartz Vein
- GAB - Gabbro
- MD - Mafic Dike
- INTD - Intermediate Dike
- DIOD - Diorite dike
- QP - Quartz Porphyry
- QFP - Quartz Feldspar Porphyry
- FD - Felsic Dike
- SYD - Syenite Dike

ManitouGold Inc.

	Kenwest Property **Section 5825 N** **Looking NE** **Drill Hole KW-10-15** **Patents K4881, HP367, HP368**
Date: 5/11/2012	
Author: K.Kettles	
Office: Sudbury	
Drawing: S5825N	
Scale: 1:500	UTM NAD83 Zone 15N

APPENDIX III

Drill hole Assay Certificates

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

CERTIFICATE TB10068665

Project: Kenwest

P.O. No.:

This report is for 56 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10068665

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968762		2.15	<0.005
I968763		2.78	0.010
I968764		2.83	0.008
I968765		3.24	0.006
I968766		2.77	0.009
I968767		2.78	0.006
I968768		1.74	0.005
I968769		2.83	0.248
I968770		0.06	0.008
I968771		2.32	0.842
I968772		3.37	0.745
I968773		1.27	0.240
I968774		0.05	8.31
I968775		3.26	0.009
I968776		3.34	0.008
I968777		2.98	0.005
I968778		2.77	0.006
I968779		3.17	0.006
I968780		2.85	0.006
I968781		2.80	0.008
I968782		2.67	0.053
I968783		2.79	<0.005
I968784		4.29	0.006
I968785		2.80	0.006
I968786		2.61	0.005
I968787		2.88	0.006
I968788		3.34	<0.005
I968789		2.75	0.005
I968790		2.58	0.011
I968791		2.76	0.006
I968792		2.84	<0.005
I968793		0.07	0.007
I968794		2.62	0.005
I968795		1.62	0.005
I968796		2.21	0.007
I968797		2.15	0.005
I968798		2.29	0.006
I968799		2.07	0.006
I968800		2.71	0.007
I968851		2.94	0.007

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10068665

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968852		3.04	0.015
I968853		2.41	0.009
I968854		2.85	0.008
I968855		0.06	8.89
I968856		2.88	0.008
I968857		2.72	0.006
I968858		2.84	0.016
I968859		2.67	0.008
I968860		2.97	0.041
I968861		2.67	0.017
I968862		2.53	0.008
I968863		2.51	0.005
I968864		3.42	0.005
I968865		2.78	0.006
I968866		2.72	0.006
I968867		2.79	0.018

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10074339

Project: KENWEST

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074339

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969201		2.12	0.093
I969202		2.26	0.029
I969203		2.14	<0.005
I969204		2.00	<0.005
I969205		0.06	<0.005
I969206		2.09	<0.005
I969207		2.26	0.008
I969208		2.27	0.006
I969209		1.69	0.645
I969210		1.56	<0.005
I969211		1.66	0.489
I969212		0.03	8.40
I969213		1.17	4.46
I969219		1.45	0.301
I969220		2.97	0.070
I969221		2.06	0.050
I969222		2.00	<0.005
I969223		0.07	<0.005
I969224		2.61	<0.005
I969225		2.26	<0.005
I969226		2.27	<0.005
I969227		2.20	<0.005
I969228		1.84	<0.005
I969229		2.21	0.071
I969230		2.32	<0.005
I969231		1.60	<0.005
I969232		1.85	0.005
I969233		1.92	0.013
I969234		1.78	0.005
I969235		1.70	<0.005
I969236		2.06	<0.005
I969237		1.95	0.035
I969238		0.03	8.14
I969239		2.23	0.024
I969240		2.07	0.066
I969241		1.93	0.021
I969242		1.94	<0.005
I969243		2.21	<0.005
I969244		1.92	0.006
I969245		2.05	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074339

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969246		2.43	<0.005
I969247		2.29	<0.005
I969248		2.81	<0.005
I969249		2.73	<0.005
I969250		3.06	0.010
I969251		2.88	0.336
I969252		2.60	<0.005
I969253		2.62	0.006
I969254		3.40	0.006
I969255		3.00	0.009
I969256		2.30	<0.005
I969257		2.14	0.025
I969258		1.60	0.082
I969259		2.10	0.050
I969260		1.58	0.009
I969261		1.57	0.035
I969262		1.87	0.119
I969263		1.83	0.011
I969264		2.11	0.473
I969265		2.12	0.035
I969266		2.24	0.013
I969267		2.76	0.005
I969268		2.64	0.019
I969269		2.77	0.008
I969270		3.03	0.012
I969271		2.86	0.006
I969272		2.81	<0.005
I969273		2.91	0.006
I969274		3.44	<0.005
I969275		2.70	<0.005
I969276		2.79	<0.005
I969277		2.91	<0.005
I969278		3.00	0.013
I969279		2.88	0.070
I969280		2.89	0.674
I969281		2.22	<0.005
I969282		1.94	0.010
I969283		2.75	0.060
I969284		2.86	0.009
I969285		3.44	0.014

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074339

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969286		1.75	0.155
I969287		1.50	0.139
I969288		1.73	0.417
I969289		1.72	0.013

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10078700

Project: KENWEST

P.O. No.:

This report is for 73 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

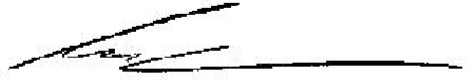
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078700

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I969290		1.99		0.005
I969291		2.48		0.007
I969292		2.07		0.176
I969293		2.30		0.122
I969294		1.96		<0.005
I969295		2.17		<0.005
I969296		2.27		0.007
I969297		1.88		<0.005
I969298		2.24		0.007
I969299		1.91		0.007
I969300		1.93		<0.005
I969301		1.29		0.881
I969302		1.84		0.076
I969303		1.81		<0.005
I969304		2.53		<0.005
I969305		1.47		0.005
I969306		0.06		0.017
I969307		2.22		<0.005
I969308		2.62		<0.005
I969309		2.56		<0.005
I969310		2.80		<0.005
I969311		2.43		<0.005
I969312		2.78		<0.005
I969313		2.66		<0.005
I969314		2.45		<0.005
I969315		2.92		<0.005
I969316		2.83		<0.005
I969317		2.66		0.005
I969318		2.98		<0.005
I969319		3.09		<0.005
I969320		2.50		0.005
I969321		2.04		0.011
I969322		1.69		0.009
I969323		0.06		9.59
I969324		1.21		0.323
I969327		1.71		1.000
I969328		1.83		0.288
I969329		1.75		0.544
I969330		0.06		0.014
I969331		2.22	50.2	>10.0

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078700

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I969332		1.16		0.974
I969333		2.23		0.010
I969334		2.21		0.012
I969335		1.83		0.007
I969336		2.06		0.006
I969337		0.03		9.10
I969338		2.06		0.005
I969339		2.24		<0.005
I969340		1.90		0.032
I969341		2.09		0.011
I969342		2.82		<0.005
I969343		2.52		0.049
I969344		2.20		0.005
I969345		2.10		<0.005
I969346		1.47		<0.005
I969347		1.40		0.056
I969348		2.12		0.487
I969349		1.95		0.285
I969350		1.52		2.08
I969351		1.60		0.943
I969352		1.56		0.024
I969353		1.63		0.009
I969354		2.33		0.007
I969355		2.22		0.008
I969356		2.22		0.009
I969357		2.24		0.230
I969358		2.57		0.127
I969359		2.03		0.168
I969360		0.07		0.011
I969361		2.04		0.291
I969362		2.53		0.016
I969363		2.04		0.006
I969364		2.26		0.006

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10078701

Project: KENWEST

P.O. No.:

This report is for 5 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
CRU-21	Crush entire sample >70% -6 mm
PUL-21	Pulverize entire sample
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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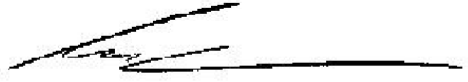
Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078701

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I969214		1.77	0.56	0.39	0.57	0.021	53.33	936.7	0.54	0.60
I969215		1.58	0.50	0.46	0.51	0.021	45.30	954.7	0.44	0.57
I969216		1.68	0.15	0.05	0.16	0.003	59.89	920.1	0.15	0.16
I969217		0.96	1.23	0.95	1.25	0.044	46.15	903.9	1.13	1.36
I969218		1.00	0.85	0.61	0.86	0.030	49.03	931.0	0.94	0.78

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10078702

Project: KENWEST

P.O. No.:

This report is for 68 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969133		2.43	<0.005
I969134		2.66	0.005
I969135		2.10	0.005
I969136		2.65	<0.005
I969137		1.99	0.005
I969138		2.18	0.006
I969139		3.34	0.353
I969140		0.06	0.033
I969141		2.84	0.979
I969142		2.79	0.009
I969143		2.58	0.304
I969144		2.58	0.010
I969145		2.86	0.006
I969146		3.11	0.010
I969147		1.86	0.008
I969148		2.45	<0.005
I969149		1.77	0.005
I969150		1.97	0.044
I969151		0.03	8.06
I969152		2.06	0.014
I969153		2.01	0.006
I969154		2.18	0.022
I969155		2.10	<0.005
I969156		2.04	<0.005
I969157		1.98	0.025
I969158		1.95	0.036
I969159		1.90	0.022
I969160		2.28	0.019
I969161		2.10	0.028
I969162		2.00	0.153
I969163		1.72	0.108
I969164		2.12	0.008
I969165		0.04	0.030
I969166		2.08	0.027
I969167		2.12	0.133
I969168		2.35	0.014
I969169		2.11	0.005
I969170		1.67	0.006
I969171		1.91	0.005
I969172		1.56	0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078702

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969173		1.63	<0.005
I969174		2.02	0.007
I969175		1.90	0.006
I969176		2.36	0.005
I969177		1.64	0.006
I969178		2.63	0.005
I969179		2.39	0.006
I969180		2.17	0.119
I969181		2.58	0.005
I969182		2.51	0.048
I969183		2.48	<0.005
I969184		2.35	<0.005
I969185		2.12	<0.005
I969186		3.09	0.005
I969187		2.72	0.039
I969188		0.03	7.45
I969189		2.17	0.024
I969190		2.07	0.143
I969191		2.20	0.057
I969192		2.10	2.11
I969193		3.16	0.023
I969194		1.99	0.010
I969195		2.04	<0.005
I969196		2.38	0.005
I969197		1.43	<0.005
I969198		2.13	<0.005
I969199		2.10	<0.005
I969200		2.11	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10078706

Project: KENWEST

P.O. No.:

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
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SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078706

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968912		1.69	<0.005
I968913		1.25	<0.005
I968914		1.63	<0.005
I968915		1.96	0.025
I968916		2.19	<0.005
I968917		0.13	0.018
I968918		2.74	0.006
I968919		1.95	<0.005
I968920		0.07	8.29
I968921		1.39	<0.005
I968922		2.15	0.023
I968923		2.15	0.108
I968924		2.13	0.012
I968925		1.53	0.005
I968926		2.17	<0.005
I968927		1.44	<0.005
I968928		1.51	0.006
I968929		1.96	0.068
I968930		2.17	0.024
I968931		1.27	0.010
I968932		2.45	0.063
I968933		2.23	0.009
I968934		2.15	<0.005
I968935		3.14	<0.005
I968936		3.20	0.019
I968937		2.95	0.006
I968938		3.12	<0.005
I968939		2.81	<0.005
I968940		2.82	<0.005
I968941		1.59	<0.005
I968942		2.47	<0.005
I968943		0.09	8.20
I968944		2.72	0.006
I968945		1.64	0.081
I968946		2.84	<0.005
I968947		3.02	<0.005
I968948		2.88	<0.005
I968949		0.10	0.017
I968950		2.91	0.006
I968951		2.44	<0.005

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To: **MANITOU GOLD INC**
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SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078706

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968952		3.34	0.007
I968953		2.55	<0.005
I968954		3.08	<0.005
I968955		2.77	<0.005
I968956		3.08	<0.005
I968957		2.05	0.017
I968958		1.88	<0.005
I968959		1.59	0.175
I968960		2.28	0.033
I968961		2.26	0.008
I968962		2.17	<0.005
I968963		2.02	<0.005
I968964		2.11	0.020
I968965		2.07	0.072
I968966		2.21	<0.005
I968967		1.99	0.005
I968968		2.12	<0.005
I968969		1.95	<0.005
I968970		2.16	<0.005
I968971		2.11	0.019
I968972		1.61	<0.005
I968973		2.31	<0.005
I968974		2.10	<0.005
I968975		2.28	0.013
I968976		1.99	<0.005
I968977		2.20	<0.005
I968978		0.18	<0.005
I968979		2.18	<0.005
I968980		2.27	<0.005
I968981		1.67	<0.005
I968982		1.61	<0.005
I968983		3.10	<0.005
I968984		1.99	<0.005
I968985		1.90	<0.005
I968986		2.15	<0.005
I968987		1.99	<0.005
I968988		1.71	0.032
I968989		1.82	0.006

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To: **MANITOU GOLD INC**
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SUDBURY ON P3C 5S5

Finalized Date: 29-JUN-2010
Account: MANGOL

CERTIFICATE TB10081714

Project: Kenwest

P.O. No.:

This report is for 2 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
FND-03	Find Reject for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
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SUDBURY ON P3C 5S5

Finalized Date: 29-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10081714

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I968585		1.31	0.17	1.38	0.16	0.028	20.33	1289.5	0.16	0.15
I968586		1.58	4.80	14.05	4.65	0.361	25.65	1554.5	4.61	4.68

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Finalized Date: 29-JUN-2010
Account: MANGOL

CERTIFICATE TB10081715

Project: Kenwest

P.O. No.:

This report is for 2 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
FND-03	Find Reject for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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SUDBURY ON P3C 5S5

Finalized Date: 29-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10081715

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I968718		0.95	4.09	10.90	3.77	0.458	42.04	908.0	4.05	3.49
I968719		1.17	8.65	20.4	8.44	0.419	20.52	1149.5	8.76	8.12

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To: **MANITOU GOLD INC**
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SUDBURY ON P3C 5S5

Finalized Date: 29-JUN-2010
Account: MANGOL

CERTIFICATE TB10081716

Project: Kenwest

P.O. No.:

This report is for 1 Crushed Rock sample submitted to our lab in Thunder Bay, ON, Canada on 23-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
FND-03	Find Reject for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 29-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10081716

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I968642		**1.04**	**10.55**	**23.9**	**10.30**	**0.499**	**20.92**	**1019.0**	**10.15**	**10.40**

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 3-JUL-2010
Account: MANGOL

CERTIFICATE TB10081717

Project: KENWEST

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
CRU-21	Crush entire sample >70% -6 mm
PUL-21	Pulverize entire sample
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 3-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10081717

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I969419		1.42	7.40	10.15	7.24	0.805	79.37	1332.5	7.04	7.43
I969420		1.28	12.70	10.35	12.85	0.775	74.92	1204.5	12.60	13.10

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 1-JUL-2010
Account: MANGOL

CERTIFICATE TB10081718

Project: KENWEST

P.O. No.:

This report is for 73 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 1-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10081718

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969365		2.64	0.045
I969366		2.67	0.006
I969367		2.96	0.005
I969368		3.09	0.011
I969369		2.94	<0.005
I969370		3.57	0.007
I969371		2.54	0.016
I969372		2.87	0.097
I969373		2.48	0.011
I969374		2.73	0.009
I969375		3.91	0.007
I969376		2.00	0.007
I969377		2.87	0.005
I969378		3.05	0.153
I969379		1.92	0.206
I969380		0.04	0.019
I969381		1.59	0.223
I969382		2.19	0.157
I969383		2.86	0.021
I969384		1.93	0.434
I969385		0.03	7.95
I969386		2.70	0.005
I969387		2.58	0.006
I969388		2.82	<0.005
I969389		2.69	<0.005
I969390		2.65	0.008
I969391		2.71	<0.005
I969392		2.80	0.009
I969393		2.35	0.388
I969394		0.03	8.67
I969395		2.33	0.008
I969396		2.36	0.006
I969397		2.47	0.009
I969398		2.51	<0.005
I969399		2.25	0.014
I969400		2.94	<0.005
I969401		2.61	0.005
I969402		2.01	0.006
I969403		2.23	<0.005
I969404		2.23	0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 1-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10081718

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969405		2.14	0.006
I969406		2.54	<0.005
I969407		2.80	<0.005
I969408		2.50	0.005
I969409		2.52	0.005
I969410		3.06	0.006
I969411		0.03	7.81
I969412		2.98	0.008
I969413		2.76	0.007
I969414		2.82	0.072
I969415		2.83	0.011
I969416		2.13	0.561
I969417		2.27	0.769
I969418		0.04	0.018
I969421		2.20	0.007
I969422		2.96	0.007
I969423		3.92	0.005
I969424		3.85	0.006
I969425		3.61	0.024
I969426		3.02	<0.005
I969427		2.10	0.005
I969428		1.99	0.016
I969429		3.21	0.543
I969430		3.28	0.084
I969431		2.39	0.161
I969432		0.03	8.30
I969433		1.82	0.385
I969434		2.12	0.581
I969435		1.89	0.233
I969436		1.61	0.236
I969437		0.04	0.008
I969438		1.77	0.011
I969439		2.25	0.006

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

CERTIFICATE TB10069980

Project: Kenwest

P.O. No.:

This report is for 76 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069980

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I968672		2.42		0.012
I968673		1.78		0.011
I968674		2.17		<0.005
I968675		2.63		<0.005
I968676		2.80		<0.005
I968677		2.77		<0.005
I968678		2.64		<0.005
I968679		3.01		0.005
I968680		2.89		<0.005
I968681		2.24		<0.005
I968682		2.83		0.005
I968683		3.02		<0.005
I968684		3.20		<0.005
I968685		2.13		<0.005
I968686		2.38		<0.005
I968687		1.93		<0.005
I968688		2.34		<0.005
I968689		0.06		<0.005
I968690		1.94		<0.005
I968691		0.04		8.21
I968692		1.68		<0.005
I968693		2.30		<0.005
I968694		2.75		<0.005
I968695		3.28		<0.005
I968696		2.79		<0.005
I968697		5.48		<0.005
I968698		2.81		<0.005
I968699		2.62		<0.005
I968700		3.07		<0.005
I968701		2.81		<0.005
I968702		2.64		0.008
I968703		2.62		0.009
I968704		2.93		0.393
I968705		2.75		0.016
I968706		2.65		0.015
I968707		2.71		<0.005
I968708		2.84		<0.005
I968709		2.81		<0.005
I968710		2.57		<0.005
I968711		3.20		0.010

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069980

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I968712		3.70		0.008
I968713		0.06		0.007
I968714		2.99		0.012
I968715		2.94		0.009
I968716		2.46		0.066
I968717		2.45		0.007
I968720		0.06	31.8	>10.0
I968721		1.46		0.172
I968722		1.96		0.153
I968723		2.57		0.062
I968724		2.90		0.258
I968725		2.93		0.011
I968726		3.13		0.512
I968727		2.86		0.048
I968728		2.84		0.015
I968729		2.71		0.017
I968730		2.97		0.022
I968731		3.14		0.011
I968732		2.77		0.007
I968733		2.51		0.007
I968734		2.91		0.006
I968735		3.12		0.007
I968736		2.92		0.008
I968737		2.96		0.007
I968738		3.03		0.013
I968739		2.84		0.005
I968740		2.99		<0.005
I968741		3.28		<0.005
I968742		2.96		0.007
I968743		2.66		0.006
I968744		2.86		<0.005
I968745		3.10		0.005
I968746		3.08		<0.005
I968747		1.93		<0.005
I968748		2.43		<0.005
I968749		2.96		<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 5-JUL-2010
Account: MANGOL

CERTIFICATE TB10083890

Project: KENWEST

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 5-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083890

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969440		2.31	<0.005
I969441		2.38	0.005
I969442		2.29	0.016
I969443		1.08	<0.005
I969444		2.93	0.005
I969445		2.35	0.763
I969446		2.99	0.012
I969447		2.96	0.005
I969448		2.95	0.005
I969449		2.68	0.014
I969450		0.03	NSS
I969451		3.00	0.019
I969452		2.28	0.010
I969453		1.97	0.006
I969454		1.84	0.387
I969455		2.57	0.033
I969456		2.32	0.008
I969457		2.89	0.140
I969458		0.04	<0.005
I969459		2.30	0.571
I969460		2.28	0.186
I969461		1.75	0.889
I969462		1.87	1.080
I969463		3.04	0.007
I969464		2.26	0.006
I969465		2.57	<0.005
I969466		2.80	0.007
I969467		2.73	0.005
I969468		2.43	0.005

***** See Appendix Page for comments regarding this certificate *****

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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 5-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083890

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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SUDBURY ON P3C 5S5

Finalized Date: 2-JUL-2010
Account: MANGOL

CERTIFICATE TB10083891

Project: KENWEST

P.O. No.:

This report is for 26 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 2-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083891

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969506		2.31	0.005
I969507		2.35	0.070
I969508		2.15	0.038
I969509		2.37	0.007
I969510		0.04	<0.005
I969511		2.39	0.022
I969512		2.17	<0.005
I969513		2.82	<0.005
I969514		2.19	<0.005
I969515		0.03	7.92
I969516		2.29	<0.005
I969517		2.45	<0.005
I969518		2.42	<0.005
I969519		2.10	<0.005
I969520		2.25	<0.005
I969521		2.05	<0.005
I969522		2.02	<0.005
I969523		2.40	<0.005
I969524		2.23	<0.005
I969525		2.01	<0.005
I969526		2.36	0.005
I969527		2.49	<0.005
I969528		2.41	<0.005
I969529		2.06	<0.005
I969530		2.03	<0.005
I969531		2.05	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 1-JUL-2010
Account: MANGOL

CERTIFICATE TB10083892

Project: KENWEST

P.O. No.:

This report is for 37 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 1-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083892

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969469		2.77	<0.005
I969470		2.60	0.026
I969471		1.84	<0.005
I969472		2.07	0.014
I969473		2.54	<0.005
I969474		2.58	0.058
I969475		2.19	0.211
I969476		2.01	0.052
I969477		1.82	0.090
I969478		1.64	0.497
I969479		0.04	7.42
I969480		1.86	0.872
I969481		1.57	0.703
I969482		0.04	0.011
I969483		2.17	0.020
I969484		1.56	0.006
I969485		1.56	<0.005
I969486		2.20	<0.005
I969487		3.01	<0.005
I969488		2.90	<0.005
I969489		3.13	<0.005
I969490		2.28	<0.005
I969491		2.55	<0.005
I969492		1.62	0.562
I969493		1.90	<0.005
I969494		1.84	<0.005
I969495		1.76	0.025
I969496		2.06	<0.005
I969497		2.34	0.020
I969498		1.91	0.039
I969499		1.67	0.764
I969500		0.06	0.005
I969501		2.59	0.111
I969502		2.15	0.011
I969503		1.74	0.006
I969504		1.82	0.006
I969505		1.80	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 2-JUL-2010
Account: MANGOL

CERTIFICATE TB10083893

Project: KENWEST

P.O. No.:

This report is for 58 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 25-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 2-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083893

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969532		2.43	0.005
I969533		1.66	0.039
I969534		1.43	0.201
I969535		1.52	0.035
I969536		0.03	7.86
I969537		2.00	0.045
I969538		2.12	0.017
I969539		2.07	0.029
I969540		0.04	0.005
I969541		1.95	0.029
I969542		2.13	0.005
I969543		1.94	0.012
I969544		1.97	0.012
I969545		1.69	0.016
I969546		1.93	<0.005
I969547		2.23	<0.005
I969548		2.04	0.005
I969549		2.28	0.007
I969550		1.91	0.006
I969551		2.24	<0.005
I969552		2.19	0.021
I969553		2.22	<0.005
I969554		1.83	<0.005
I969555		1.53	0.600
I969556		1.66	0.360
I969557		0.03	9.23
I969558		1.55	0.565
I969559		2.05	0.252
I969560		2.27	0.214
I969561		1.98	0.138
I969562		2.20	0.116
I969563		2.09	0.035
I969564		2.13	0.084
I969565		2.13	0.100
I969566		2.14	0.172
I969567		2.19	0.031
I969568		2.13	0.041
I969569		2.16	0.008
I969570		2.23	0.050
I969571		2.08	0.006

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 2-JUL-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10083893

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969572		2.19	0.023
I969573		0.04	<0.005
I969574		2.19	0.006
I969575		2.28	<0.005
I969576		1.64	<0.005
I969577		1.59	<0.005
I969578		1.37	<0.005
I969579		1.51	<0.005
I969580		1.69	<0.005
I969581		1.56	<0.005
I969582		1.71	0.009
I969583		0.04	<0.005
I969584		1.55	1.175
I969585		1.89	0.085
I969586		2.35	0.010
I969587		2.11	0.006
I969588		2.01	0.010
I969589		2.22	0.006

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 19-JUL-2010
Account: MANGOL

CERTIFICATE TB10093067

Project: Kenwest

P.O. No.:

This report is for 107 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 19-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093067

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969796		2.77	<0.005
I969797		2.31	<0.005
I969798		3.06	<0.005
I969799		1.84	<0.005
I969800		2.53	<0.005
I969801		2.82	<0.005
I969802		2.96	<0.005
I969803		2.38	0.085
I969804		1.56	0.025
I969805		1.88	0.066
I969806		1.76	<0.005
I969807		0.06	8.54
I969808		2.19	0.013
I969809		1.43	<0.005
I969810		2.60	<0.005
I969811		2.02	<0.005
I969812		3.17	<0.005
I969813		2.54	<0.005
I969814		1.65	<0.005
I969815		2.96	<0.005
I969816		3.38	0.006
I969817		3.21	<0.005
I969818		2.85	<0.005
I969819		2.92	0.012
I969820		2.67	<0.005
I969821		3.40	<0.005
I969822		3.22	<0.005
I969823		2.50	<0.005
I969824		3.25	<0.005
I969825		2.91	<0.005
I969826		2.92	<0.005
I969827		2.47	<0.005
I969828		2.59	<0.005
I969829		2.53	<0.005
I969830		2.88	<0.005
I969831		2.72	<0.005
I969832		2.49	<0.005
I969833		2.09	<0.005
I969834		1.98	<0.005
I969835		2.91	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 19-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093067

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969836		3.27	<0.005
I969837		3.22	<0.005
I969838		3.29	<0.005
I969839		3.10	<0.005
I969840		3.00	<0.005
I969841		3.04	<0.005
I969842		2.03	<0.005
I969843		1.82	<0.005
I969844		2.24	<0.005
I969845		2.72	0.077
I969846		2.13	<0.005
I969847		2.22	<0.005
I969848		1.57	<0.005
I969849		1.84	<0.005
I969850		1.84	<0.005
I969851		2.17	<0.005
I969852		2.17	0.008
I969853		2.06	<0.005
I969854		2.30	<0.005
I969855		2.24	<0.005
I969856		2.13	<0.005
I969857		1.57	0.007
I969858		1.14	0.005
I969859		1.58	0.109
I969860		2.10	0.150
I969861		1.98	<0.005
I969862		2.24	0.556
I969863		1.62	0.496
I969864		0.06	8.39
I969865		2.55	0.099
I969866		2.35	<0.005
I969867		2.25	<0.005
I969868		2.03	<0.005
I969869		1.49	0.008
I969870		1.56	0.043
I969871		1.17	0.330
I969872		1.65	0.009
I969873		2.02	<0.005
I969874		1.70	<0.005
I969875		1.61	<0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 19-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093067

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969876		2.19	<0.005
I969877		2.04	<0.005
I969878		1.95	<0.005
I969879		2.32	<0.005
I969880		2.06	<0.005
I969881		1.53	<0.005
I969882		2.18	<0.005
I969883		2.06	0.005
I969884		2.22	<0.005
I969885		2.07	<0.005
I969886		2.39	0.005
I969887		1.54	0.069
I969888		2.24	0.007
I969889		2.18	<0.005
I969890		1.96	0.012
I969891		2.17	<0.005
I969892		2.99	<0.005
I969893		2.79	<0.005
I969894		3.14	<0.005
I969895		3.02	<0.005
I969896		2.76	<0.005
I969897		2.85	<0.005
I969898		3.08	<0.005
I969899		2.99	<0.005
I969900		2.83	<0.005
I969901		2.42	<0.005
I969902		2.59	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

CERTIFICATE TB10093068

Project: Kenwest

P.O. No.:

This report is for 69 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093068

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969727		2.99	<0.005
I969728		2.84	0.008
I969729		2.22	0.010
I969730		2.23	<0.005
I969731		2.52	<0.005
I969732		1.28	0.008
I969733		1.17	0.078
I969734		1.32	0.625
I969735		0.08	9.82
I969736		1.97	3.45
I969737		2.39	0.026
I969738		1.89	<0.005
I969739		2.12	0.005
I969740		2.22	<0.005
I969741		2.40	<0.005
I969742		2.07	<0.005
I969743		2.64	<0.005
I969744		2.14	<0.005
I969745		2.27	<0.005
I969746		2.07	<0.005
I969747		2.24	0.016
I969748		2.06	<0.005
I969749		1.95	<0.005
I969750		1.69	<0.005
I969751		1.70	<0.005
I969752		0.10	<0.005
I969753		2.70	<0.005
I969754		2.69	<0.005
I969755		2.68	<0.005
I969756		2.73	0.010
I969757		2.06	<0.005
I969758		2.24	<0.005
I969759		2.16	<0.005
I969760		2.28	<0.005
I969761		2.12	<0.005
I969762		1.62	<0.005
I969763		1.74	0.044
I969764		2.17	<0.005
I969765		2.15	0.005
I969766		2.12	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093068

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969767		2.08	<0.005
I969768		2.30	<0.005
I969769		2.12	<0.005
I969770		2.09	0.101
I969771		2.14	<0.005
I969772		2.27	0.007
I969773		2.05	0.006
I969774		2.04	0.037
I969775		2.43	0.042
I969776		2.10	<0.005
I969777		2.14	0.012
I969778		2.18	<0.005
I969779		2.49	0.013
I969780		1.71	<0.005
I969781		0.07	0.039
I969782		1.86	<0.005
I969783		1.43	0.029
I969784		1.68	0.626
I969785		0.06	8.50
I969786		1.03	0.229
I969787		1.65	0.022
I969788		2.64	<0.005
I969789		2.07	<0.005
I969790		1.95	<0.005
I969791		2.49	<0.005
I969792		3.13	<0.005
I969793		3.05	<0.005
I969794		2.01	<0.005
I969795		1.85	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

CERTIFICATE TB10093069

Project: Kenwest

P.O. No.:

This report is for 68 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 9-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093069

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969659		2.26	0.016
I969660		2.09	0.099
I969661		1.95	0.005
I969662		0.06	0.029
I969663		2.32	0.030
I969664		2.37	0.027
I969665		2.19	<0.005
I969666		2.17	0.015
I969667		2.20	0.014
I969668		2.20	0.010
I969669		1.68	0.008
I969670		2.13	0.016
I969671		2.10	<0.005
I969672		0.06	8.16
I969673		2.10	<0.005
I969674		3.12	0.008
I969675		2.35	0.008
I969676		2.10	<0.005
I969677		2.17	<0.005
I969678		2.51	<0.005
I969679		2.08	0.015
I969680		2.20	<0.005
I969681		2.33	<0.005
I969682		2.14	0.007
I969683		1.46	0.006
I969684		2.15	0.074
I969685		2.18	0.068
I969686		2.00	<0.005
I969687		2.61	<0.005
I969688		1.61	<0.005
I969689		0.94	0.024
I969690		2.57	<0.005
I969691		1.16	0.150
I969692		0.06	0.078
I969693		2.21	<0.005
I969694		2.85	<0.005
I969695		1.22	0.025
I969696		1.33	0.026
I969697		3.42	0.025
I969698		0.06	8.45

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 21-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093069

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969699		2.11	0.005
I969700		2.13	0.006
I969701		2.06	<0.005
I969702		1.88	<0.005
I969703		2.26	<0.005
I969704		2.05	<0.005
I969705		2.23	<0.005
I969706		1.97	<0.005
I969707		2.78	<0.005
I969708		2.55	0.015
I969709		2.77	<0.005
I969710		2.89	<0.005
I969711		4.24	<0.005
I969712		2.85	<0.005
I969713		2.63	0.005
I969714		2.07	<0.005
I969715		2.13	<0.005
I969716		2.45	<0.005
I969717		2.13	<0.005
I969718		2.15	0.005
I969719		2.30	<0.005
I969720		2.34	<0.005
I969721		2.63	0.132
I969722		3.14	<0.005
I969723		2.55	<0.005
I969724		2.91	<0.005
I969725		2.82	<0.005
I969726		3.04	<0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUL-2010
Account: MANGOL

CERTIFICATE TB10093240

Project: Kenwest

P.O. No.:

This report is for 69 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: MANITOU GOLD INC
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093240

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969590		1.95	<0.005
I969591		1.99	0.013
I969592		2.24	0.023
I969593		2.14	<0.005
I969594		2.01	<0.005
I969595		1.49	<0.005
I969596		2.21	0.015
I969597		2.10	<0.005
I969598		1.77	0.006
I969599		1.85	<0.005
I969600		1.70	<0.005
I969601		2.87	<0.005
I969602		2.15	<0.005
I969603		1.84	<0.005
I969604		1.78	<0.005
I969605		1.38	<0.005
I969606		2.09	<0.005
I969607		2.08	<0.005
I969608		0.06	8.36
I969609		2.13	<0.005
I969610		2.07	0.005
I969611		2.22	<0.005
I969612		2.23	<0.005
I969613		2.15	<0.005
I969614		1.99	<0.005
I969615		1.90	0.006
I969616		2.03	<0.005
I969617		1.92	<0.005
I969618		0.07	<0.005
I969619		2.02	<0.005
I969620		2.05	<0.005
I969621		2.09	<0.005
I969622		2.01	<0.005
I969623		2.20	<0.005
I969624		1.77	<0.005
I969625		1.69	0.024
I969626		2.05	<0.005
I969627		1.52	0.013
I969628		2.19	<0.005
I969629		2.22	<0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 28-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10093240

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969630		2.23	<0.005
I969631		2.97	<0.005
I969632		1.47	<0.005
I969633		2.34	<0.005
I969634		0.05	9.50
I969635		2.15	0.007
I969636		2.11	<0.005
I969637		2.14	<0.005
I969638		2.18	<0.005
I969639		1.70	<0.005
I969640		1.69	<0.005
I969641		0.06	<0.005
I969642		1.47	0.011
I969643		1.79	<0.005
I969644		1.80	<0.005
I969645		1.83	<0.005
I969646		2.47	0.006
I969647		2.15	<0.005
I969648		2.04	<0.005
I969649		2.29	<0.005
I969650		2.03	0.005
I969651		1.62	0.136
I969652		1.74	<0.005
I969653		2.31	0.028
I969654		2.27	0.008
I969655		2.17	<0.005
I969656		2.48	<0.005
I969657		2.00	<0.005
I969658		2.35	<0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 4-AUG-2010
Account: MANGOL

CERTIFICATE TB10099333

Project: Kenwest

P.O. No.:

This report is for 74 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS

To: MANITOU GOLD INC
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 4-AUG-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10099333

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I969903		3.01		0.005
I969904		2.65		<0.005
I969905		2.97		<0.005
I969906		3.08		<0.005
I969907		2.09		<0.005
I969908		1.96		0.026
I969909		1.83		0.006
I969910		1.99		0.217
I969911		2.60		0.340
I969912		1.75		0.458
I969913		2.15		0.006
I969914		2.12		<0.005
I969915		2.09		0.234
I969916		2.19		0.005
I969917		4.19		0.008
I969918		3.47		0.005
I969919		3.13		0.006
I969920		1.85		<0.005
I969921		2.65		<0.005
I969922		3.38		<0.005
I969923		3.12		<0.005
I969924		2.77		<0.005
I969925		2.61		<0.005
I969926		2.91		0.006
I969927		2.27		<0.005
I969928		2.03		0.008
I969929		1.86		0.011
I969930		2.21		0.009
I969931		2.24		0.005
I969932		2.04		0.010
I969933		2.24		0.005
I969934		2.67		0.005
I969935		1.25		0.017
I969936		1.82		0.065
I969937		1.76		0.036
I969938		1.86		0.051
I969939		1.59		0.012
I969940		2.14		<0.005
I969941		1.69		0.006
I969942		1.92		0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 4-AUG-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10099333

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA21 Au ppm 0.05	Au-AA23 Au ppm 0.005
I969943		1.47		<0.005
I969944		1.50		<0.005
I969945		1.51		0.023
I969946		1.43		0.056
I969947		1.51		0.043
I969948		1.61		0.165
I969949		1.84		0.047
I969950		1.86	9.93	>10.0
I969951		1.56		0.504
I969952		2.41		<0.005
I969953		2.03		0.006
I969954		2.28		<0.005
I969955		2.14		<0.005
I969956		2.42		0.005
I969957		2.53		<0.005
I969958		1.57		<0.005
I969959		1.86		<0.005
I969960		2.32		0.050
I969961		2.18		0.070
I969962		2.25		<0.005
I969963		2.21		<0.005
I969964		2.23		<0.005
I969965		2.66		<0.005
I969966		1.64		0.137
I969967		2.50		0.107
I969968		2.12		0.018
I969969		2.34		<0.005
I969970		2.09		<0.005
I969971		2.20		<0.005
I969972		2.02		<0.005
I969973		2.17		0.013
I969974		1.91		<0.005
I969975		1.96		<0.005
I969976		0.04		8.17

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 29-JUL-2010
Account: MANGOL

CERTIFICATE TB10099335

Project: Kenwest

P.O. No.:

This report is for 60 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: MANITOU GOLD INC
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 29-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10099335

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969977		3.88	<0.005
I969978		2.68	0.006
I969979		2.80	<0.005
I969980		3.01	0.006
I969981		3.72	<0.005
I969982		2.35	<0.005
I969983		3.78	<0.005
I969984		2.54	0.005
I969985		1.92	0.027
I969986		3.22	<0.005
I969987		2.86	<0.005
I969988		2.71	<0.005
I969989		2.27	0.006
I969990		2.88	<0.005
I969991		2.53	<0.005
I969992		3.28	<0.005
I969993		2.28	<0.005
I969994		2.54	<0.005
I969995		2.73	<0.005
I969996		3.12	<0.005
I969997		2.75	<0.005
I969998		2.52	<0.005
I969999		0.03	8.46
I970000		2.78	<0.005
I970001		3.00	0.006
I970002		2.88	<0.005
I970003		2.48	0.016
I970004		2.57	<0.005
I970005		2.80	<0.005
I970006		2.93	<0.005
I970007		2.43	<0.005
I970008		2.51	<0.005
I970009		2.61	<0.005
I970010		2.43	<0.005
I970011		2.78	<0.005
I970012		2.23	<0.005
I970013		2.39	<0.005
I970014		2.15	<0.005
I970015		2.81	<0.005
I970016		1.44	<0.005

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SUDBURY ON P3C 5S5

Finalized Date: 29-JUL-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10099335

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
I970017		2.25	<0.005
I970018		2.68	<0.005
I970019		2.55	<0.005
I970020		2.76	<0.005
I970021		2.46	0.008
I970022		2.22	<0.005
I970023		2.24	<0.005
I970024		3.03	<0.005
I970025		3.11	0.008
I970026		2.21	<0.005
I970027		2.92	<0.005
I970028		2.09	0.193
I970029		2.44	<0.005
I970030		2.92	<0.005
I970031		3.45	<0.005
I970032		3.04	0.020
I970033		3.23	0.032
I970034		3.13	0.009
I970035		2.94	<0.005
I970036		3.03	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

CERTIFICATE TB10069981

Project: Kenwest

P.O. No.:

This report is for 60 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069981

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968611		2.57	0.009
I968612		2.89	0.005
I968613		2.97	0.007
I968614		3.33	0.007
I968615		2.67	0.006
I968616		3.25	0.007
I968617		1.72	0.007
I968618		2.35	0.006
I968619		2.78	0.017
I968620		2.77	0.005
I968621		1.99	0.007
I968622		3.15	0.007
I968623		2.88	0.032
I968624		2.73	0.021
I968625		1.15	0.383
I968626		0.04	9.28
I968627		2.46	0.029
I968628		2.34	0.019
I968629		2.32	0.008
I968630		3.18	0.008
I968631		2.23	0.016
I968632		0.06	0.013
I968633		1.75	0.121
I968634		1.88	0.413
I968635		0.04	7.41
I968636		1.78	1.700
I968637		1.99	0.038
I968638		1.91	0.010
I968639		2.23	0.010
I968640		1.89	0.011
I968641		2.01	0.336
I968643		0.12	0.010
I968644		2.15	0.013
I968645		1.87	0.013
I968646		2.30	0.007
I968647		2.11	0.008
I968648		0.06	9.04
I968649		2.08	0.011
I968650		1.95	0.010
I968651		3.10	0.007

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SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069981

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968652		1.12	0.007
I968653		1.82	0.005
I968654		2.10	0.006
I968655		1.19	0.006
I968656		2.42	0.006
I968657		2.05	0.008
I968658		2.19	0.007
I968659		2.63	0.015
I968660		0.07	8.04
I968661		1.53	0.147
I968662		2.11	0.009
I968663		2.00	0.008
I968664		1.27	0.007
I968665		0.87	0.006
I968666		2.50	0.006
I968667		2.63	0.008
I968668		2.71	0.011
I968669		2.59	0.050
I968670		2.60	0.266
I968671		2.60	0.023

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 6-JUN-2010
Account: MANGOL

CERTIFICATE TB10069982

Project: Kenwest

P.O. No.:

This report is for 43 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 6-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069982

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968566		2.16	0.020
I968567		2.54	0.008
I968568		4.05	0.006
I968569		2.90	0.005
I968570		2.61	0.009
I968571		2.72	0.008
I968572		0.07	0.006
I968573		2.47	0.008
I968574		2.46	0.008
I968575		3.21	<0.005
I968576		2.77	0.011
I968577		2.47	0.008
I968578		2.59	0.008
I968579		2.60	0.117
I968580		2.75	0.007
I968581		2.58	0.006
I968582		3.06	0.009
I968583		1.34	0.035
I968584		1.81	0.177
I968587		0.05	8.12
I968588		2.75	0.010
I968589		2.10	0.014
I968590		2.08	0.019
I968591		0.08	0.008
I968592		2.24	1.995
I968593		1.93	0.018
I968594		2.74	0.010
I968595		2.80	0.011
I968596		3.11	0.008
I968597		2.74	0.008
I968598		1.96	0.008
I968599		0.08	0.008
I968600		1.51	<0.005
I968601		1.80	0.005
I968602		2.47	0.006
I968603		2.16	0.006
I968604		2.23	0.006
I968605		2.28	0.006
I968606		3.19	0.144
I968607		2.40	0.033

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 6-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069982

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
I968608		3.06	<0.005
I968609		2.55	0.014
I968610		2.76	0.013

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

CERTIFICATE TB10069983

Project: Kenwest

P.O. No.:

This report is for 44 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069983

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968868		2.28	0.428
I968869		3.36	0.167
I968870		2.89	0.006
I968871		3.00	0.020
I968872		2.61	0.034
I968873		2.44	0.070
I968874		0.08	0.011
I968875		2.38	0.015
I968876		2.76	0.009
I968877		2.94	0.008
I968878		2.56	0.008
I968879		2.11	0.006
I968880		1.94	0.006
I968881		2.22	<0.005
I968882		0.11	8.44
I968883		2.03	0.007
I968884		1.98	<0.005
I968885		2.45	0.006
I968886		1.77	<0.005
I968887		2.03	<0.005
I968888		1.74	<0.005
I968889		2.56	0.014
I968890		1.93	0.621
I968891		2.80	0.072
I968892		1.89	0.008
I968893		2.15	0.005
I968894		2.27	<0.005
I968895		2.20	0.006
I968896		2.09	0.009
I968897		2.37	0.014
I968898		2.17	<0.005
I968899		2.01	0.005
I968900		2.87	0.009
I968901		1.79	0.215
I968902		1.46	0.006
I968903		2.29	0.013
I968904		2.28	0.006
I968905		2.30	0.031
I968906		2.53	0.008
I968907		3.28	0.006

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SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069983

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968908		2.69	0.007
I968909		2.66	0.010
I968910		2.85	<0.005
I968911		2.72	0.009

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

CERTIFICATE TB10069984

Project: Kenwest

P.O. No.:

This report is for 65 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069984

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968501		2.63	<0.005
I968502		2.65	0.005
I968503		2.88	<0.005
I968504		2.69	0.007
I968505		2.96	0.007
I968506		4.44	0.328
I968507		1.62	0.009
I968508		2.57	0.007
I968509		2.66	0.005
I968510		3.06	0.005
I968511		1.21	0.007
I968512		1.16	0.029
I968513		1.52	0.023
I968514		3.43	<0.005
I968515		1.91	0.034
I968516		1.40	0.396
I968517		1.18	2.58
I968518		2.49	0.246
I968519		2.96	0.008
I968520		2.83	0.096
I968521		2.88	0.005
I968522		4.03	0.013
I968523		2.04	0.014
I968524		3.33	0.627
I968525		0.11	0.007
I968526		2.98	1.390
I968527		2.81	2.84
I968528		2.55	1.305
I968529		0.08	8.43
I968530		2.49	0.237
I968531		2.67	0.173
I968532		2.44	0.012
I968533		2.45	0.010
I968534		4.09	0.008
I968535		1.33	1.145
I968536		1.47	0.791
I968537		3.54	0.015
I968538		2.70	0.005
I968539		3.99	<0.005
I968540		1.83	0.006

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 8-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069984

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968541		1.60	<0.005
I968542		3.26	<0.005
I968543		2.65	0.008
I968544		2.49	<0.005
I968545		3.20	0.006
I968546		2.80	0.007
I968547		2.22	0.005
I968548		2.93	0.006
I968549		2.98	0.047
I968550		2.61	0.040
I968551		2.94	<0.005
I968552		2.50	0.005
I968553		2.94	<0.005
I968554		1.45	0.017
I968555		3.09	<0.005
I968556		2.81	<0.005
I968557		2.76	<0.005
I968558		2.37	0.005
I968559		1.79	0.238
I968560		0.05	8.60
I968561		1.97	0.048
I968562		1.36	0.390
I968563		1.33	0.084
I968564		0.07	0.007
I968565		1.66	<0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

CERTIFICATE TB10069985

Project: Kenwest

P.O. No.:

This report is for 62 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 31-MAY-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069985

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968750		2.67	0.007
I968751		2.82	0.009
I968752		1.37	0.022
I968753		1.65	0.028
I968754		0.05	8.62
I968755		2.97	0.087
I968756		3.26	0.083
I968757		0.07	0.013
I968758		3.38	0.234
I968759		1.56	0.012
I968760		2.75	0.009
I968761		2.40	0.175
I968801		2.82	0.013
I968802		2.71	0.008
I968803		2.93	0.006
I968804		2.61	0.005
I968805		2.48	0.015
I968806		2.30	0.007
I968807		3.21	0.009
I968808		3.08	0.014
I968809		2.27	0.007
I968810		2.18	0.007
I968811		1.53	0.010
I968812		1.84	0.008
I968813		3.20	0.006
I968814		1.52	0.009
I968815		2.58	0.007
I968816		1.56	0.005
I968817		2.29	0.009
I968818		2.09	0.158
I968819		1.37	0.010
I968820		2.50	0.009
I968821		1.91	0.007
I968822		2.37	0.007
I968823		2.35	0.006
I968824		2.89	0.008
I968825		2.45	0.006
I968826		3.04	0.006
I968827		2.53	<0.005
I968828		2.90	<0.005

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 10-JUN-2010
Account: MANGOL

Project: Kenwest

CERTIFICATE OF ANALYSIS TB10069985

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968829		2.67	<0.005
I968830		2.75	<0.005
I968831		0.07	<0.005
I968832		2.34	<0.005
I968833		2.96	<0.005
I968834		2.81	<0.005
I968835		1.48	<0.005
I968836		2.21	<0.005
I968837		0.05	8.17
I968838		1.29	<0.005
I968839		2.30	0.006
I968840		3.09	<0.005
I968841		1.86	0.056
I968842		2.93	0.027
I968843		3.09	0.117
I968844		2.98	0.009
I968845		2.37	<0.005
I968846		1.63	<0.005
I968847		2.65	0.035
I968848		1.27	0.009
I968849		1.47	2.16
I968850		2.83	0.009

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10074337

Project: KENWEST

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
CRU-21	Crush entire sample >70% -6 mm
PUL-21	Pulverize entire sample
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074337

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
I969325		1.89	7.61	105.5	4.37	3.580	33.95	1026.0	4.19	4.55
I969326		1.40	63.2	139.5	59.9	5.580	40.07	909.9	61.6	58.1

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10074338

Project: KENWEST

P.O. No.:

This report is for 107 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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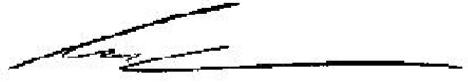
Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074338

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I968990		1.56	0.006
I968991		2.23	0.006
I968992		2.12	0.006
I968993		3.43	0.005
I968994		0.12	0.071
I968995		2.82	0.007
I968996		3.63	<0.005
I968997		2.78	0.006
I968998		2.04	<0.005
I968999		2.70	0.017
I969000		2.61	<0.005
I969001		2.13	0.006
I969002		2.61	0.006
I969003		2.56	0.006
I969004		2.46	0.007
I969005		2.65	0.027
I969006		2.19	0.005
I969007		3.18	0.015
I969008		2.55	0.012
I969009		2.86	0.005
I969010		3.54	0.007
I969011		2.71	0.007
I969012		2.63	0.006
I969013		2.89	0.010
I969014		2.81	0.007
I969015		2.56	0.007
I969016		2.50	0.007
I969017		2.49	0.005
I969018		2.63	0.007
I969019		0.06	8.54
I969020		2.24	0.012
I969021		2.27	0.011
I969022		2.24	0.006
I969023		2.07	0.021
I969024		1.95	0.005
I969025		2.04	0.005
I969026		1.96	0.163
I969027		2.00	<0.005
I969028		2.17	0.012
I969029		1.79	<0.005

***** See Appendix Page for comments regarding this certificate *****

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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074338

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969030		1.95	<0.005
I969031		2.44	0.533
I969032		1.81	0.017
I969033		2.09	0.056
I969034		0.15	0.006
I969035		2.13	<0.005
I969036		1.98	0.005
I969037		1.84	0.010
I969038		2.00	0.224
I969039		2.09	0.419
I969040		2.17	0.085
I969041		0.10	9.17
I969042		2.03	<0.005
I969043		2.18	0.006
I969044		2.02	0.007
I969045		1.96	<0.005
I969046		2.04	<0.005
I969047		2.19	<0.005
I969048		1.95	<0.005
I969049		1.87	<0.005
I969050		1.57	<0.005
I969051		0.21	0.005
I969052		2.46	<0.005
I969053		2.35	0.018
I969054		2.74	<0.005
I969055		3.18	<0.005
I969056		2.30	0.007
I969057		2.49	<0.005
I969058		2.31	<0.005
I969059		2.09	<0.005
I969060		2.33	<0.005
I969061		2.25	0.042
I969062		2.12	0.585
I969063		2.31	<0.005
I969064		2.15	0.006
I969065		3.70	<0.005
I969066		2.72	<0.005
I969067		2.70	<0.005
I969068		3.75	0.013
I969069		1.93	0.007

***** See Appendix Page for comments regarding this certificate *****

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074338

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969070		2.95	0.071
I969071		2.85	0.173
I969072		0.06	8.32
I969073		2.86	0.010
I969074		2.84	0.012
I969075		2.93	0.041
I969076		2.97	0.011
I969077		3.07	0.005
I969078		2.92	<0.005
I969079		2.17	0.074
I969080		0.07	NSS
I969081		1.87	0.005
I969082		2.59	<0.005
I969083		2.48	0.008
I969084		2.69	1.085
I969085		1.98	2.50
I969086		2.01	0.107
I969087		0.06	8.41
I969088		2.24	0.005
I969089		2.34	0.009
I969090		2.16	0.128
I969091		2.50	0.126
I969092		2.70	<0.005
I969093		1.83	<0.005
I969094		1.72	<0.005
I969095		2.51	<0.005
I969096		1.99	<0.005

***** See Appendix Page for comments regarding this certificate *****

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SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10074338

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Chemex
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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
This copy reported on 28-JUN-2010
Account: MANGOL

CERTIFICATE TB10078703

Project: KENWEST

P.O. No.:

This report is for 36 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUN-2010.

The following have access to data associated with this certificate:

TODD KEAST	RICHARD MURPHY	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 25-JUN-2010
Account: MANGOL

Project: KENWEST

CERTIFICATE OF ANALYSIS TB10078703

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
I969097		1.52	0.035
I969098		2.16	0.005
I969099		2.30	0.013
I969100		0.06	0.014
I969101		2.21	0.006
I969102		2.28	<0.005
I969103		1.95	<0.005
I969104		1.64	<0.005
I969105		2.73	<0.005
I969106		1.70	0.025
I969107		2.59	2.10
I969108		2.71	1.175
I969109		1.27	1.580
I969110		0.03	8.14
I969111		2.79	5.73
I969112		2.43	0.037
I969113		2.06	0.053
I969114		2.14	0.013
I969115		2.33	0.111
I969116		1.94	0.037
I969117		2.06	0.007
I969118		2.22	0.012
I969119		2.25	0.006
I969120		2.12	0.012
I969121		2.25	0.029
I969122		2.13	0.005
I969123		2.17	0.007
I969124		2.13	0.009
I969125		2.66	0.008
I969126		3.51	<0.005
I969127		2.15	<0.005
I969128		2.58	<0.005
I969129		2.64	0.005
I969130		2.82	<0.005
I969131		3.03	<0.005
I969132		2.76	<0.005

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 3-FEB-2011
Account: MANGOL

CERTIFICATE TB11013791

Project:

P.O. No.:

This report is for 69 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-JAN-2011.

The following have access to data associated with this certificate:

TODD KEAST		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 3-FEB-2011
Account: MANGOL

CERTIFICATE OF ANALYSIS TB11013791

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
J468651		3.89	<0.005
J468652		3.16	<0.005
J468653		3.18	<0.005
J468654		4.39	<0.005
J468655		3.95	<0.005
J468656		2.94	<0.005
J468657		3.04	<0.005
J468658		2.42	0.039
J468659		3.63	<0.005
J468660		2.84	0.022
J468661		3.13	<0.005
J468662		1.57	<0.005
J468663		3.38	<0.005
J468664		3.48	0.481
J468665		2.76	0.021
J468666		1.97	0.055
J468667		2.72	0.022
J468668		3.06	0.232
J468669		2.56	<0.005
J468670		2.73	0.007
J468671		2.92	0.047
J468672		2.91	0.091
J468673		3.23	<0.005
J468674		0.05	8.87
J468675		2.75	0.435
J468676		1.97	0.088
J468677		2.44	0.048
J468678		2.56	<0.005
J468679		3.45	<0.005
J468680		2.26	<0.005
J468681		3.04	<0.005
J468682		2.32	<0.005
J468683		2.63	<0.005
J468684		4.71	<0.005
J468685		4.19	0.024
J468686		4.23	<0.005
J468687		4.11	0.092
J468688		3.65	0.009
J468689		4.09	0.043
J468690		2.81	<0.005

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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 3-FEB-2011
Account: MANGOL

CERTIFICATE OF ANALYSIS TB11013791

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
J468691		2.82	<0.005
J468692		1.99	<0.005
J468693		3.16	0.019
J468694		2.93	0.008
J468695		2.67	<0.005
J468696		2.73	<0.005
J468697		3.18	0.015
J468704		2.72	<0.005
J468705		3.27	<0.005
J468706		2.97	<0.005
J468707		2.62	<0.005
J468708		2.80	<0.005
J468709		2.48	<0.005
J468710		3.16	<0.005
J468711		3.82	<0.005
J468712		0.04	8.56
J468713		3.06	<0.005
J468714		4.35	<0.005
J468715		2.66	<0.005
J468716		2.68	0.009
J468717		3.18	<0.005
J468718		3.00	<0.005
J468719		4.92	<0.005
J468720		3.33	0.139
J468721		3.53	0.118
J468722		4.44	0.060
J468723		3.89	0.056
J468724		4.80	<0.005
J468725		4.47	0.005

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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 5-FEB-2011
Account: MANGOL

CERTIFICATE TB11013794

Project:

P.O. No.:

This report is for 6 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 27-JAN-2011.

The following have access to data associated with this certificate:

TODD KEAST		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-21	Sample logging - ClientBarCode
CRU-21	Crush entire sample >70% -6 mm
PUL-21	Pulverize entire sample

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM

To: **MANITOU GOLD INC**
ATTN: TODD KEAST
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: MANITOU GOLD INC
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Finalized Date: 5-FEB-2011
Account: MANGOL

CERTIFICATE OF ANALYSIS TB11013794

Sample Description	Method	WEI-21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
	Analyte	Recvd Wt.	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
	Units	kg	ppm	ppm	ppm	mg	g	g	ppm	ppm
	LOR	0.02	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
J468698		4.11	0.18	0.24	0.18	0.015	61.79	4012	0.18	0.18
J468699		2.37	6.28	10.05	6.18	0.639	63.69	2295	6.33	6.02
J468700		2.15	2.71	2.37	2.73	0.144	60.69	2066	2.68	2.77
J468701		2.78	0.30	0.34	0.30	0.023	67.08	2681	0.31	0.28
J468702		3.05	<0.05	<0.05	<0.05	<0.001	59.71	2954	0.03	0.03
J468703		3.08	0.08	<0.05	0.09	0.003	67.57	2976	0.07	0.10

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522,500 mE
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5,477,500 mN
5,477,000 mN
5,476,500 mN
5,476,000 mN
5,475,500 mN
5,475,000 mN
HP369
HP368
HP367
HP366
HP373
HP405
K4881
K4882
K4883
K5126
K5127
K5128
K5130
K4632
K4631
K5129
K5131
K4633
K5125
K5123
K5122
S25
Laurentian Mine
Elora Mine (Jubilee)
Helena
Paymaster
Big Master Mine
Big Master #2 Shaft
Selby Prospect
KW-10-01
KW-10-02
KW-10-03
KW-10-04
KW-10-05
KW-10-06
KW-10-07
KW-10-08
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KW-10-24
Big Master #1 Helena Zone
Big Master #2 Zone
Paymaster Zone
Goldrock Zone
Haymaker Zone
Selby Zone
Mud Lake
Upper Manitou Lake
Selby Lake
N

Trail
Gold Trend
K5126
Patent with Number
Kenwest Collars
Drill Trace

Manitou Gold Inc.

Kenwest Property
2010 Drilling

Date: 12/05/2012
Author: M. Roberts
Office:
Drawing:
Scale: 1:5000
Projection: UTM Zone 15 (NAD 83)

0 75 150 300
metres