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Assessment Report on the
Manitou Gold Inc.
Merrill Property
2011 Prospecting and Diamond Drilling Program
Dryden, Ontario
Kenora Mining Division, Ontario
NTS 52F/07

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May 2, 2012

Summary

In 2011 Manitou Gold Inc. optioned the Merrill Patents from the Merrill Family. The Merrill Property consists of six patented mining claims totaling 96 hectares, located within the Lower Manitou Lake Area of the Kenora Mining Division of Northwestern Ontario. The property was acquired in the September of 2011.

The Property is situated in the western Wabigoon greenstone and granite Subprovince of the Superior Province. The area is underlain by Precambrian rocks. The bedrock geology is described in the O.G.S. Report 202 (1981) by C. Blackburn and Thompson (1933). The Archean volcanic and sedimentary rocks in the Manitou Lakes area is typical of the greenstone belts of the Wabigoon Sub-Province. The area consists of a thick Early Precambrian mafic metavolcanic sequence followed by intermediate to felsic flows and related tuffs. This sequence is in turn overlain by a sedimentary sequence, part of the Manitou series of Thomson (1933), and is intruded by mafic to felsic stocks and sills.

Mineralization in the area consists of gold located in quartz veins and veinlets, shears, and sulphide zones within a sheared and altered (silicified and carbonatized) mafic volcanic and/or felsic to intermediate intrusive rocks. Gold-bearing quartz veins are commonly controlled by northeast- trending shear zones.

An exploration program consisting of prospecting and diamond drilling was carried out over the Property and was designed to evaluate the down dip and along strike continuity of previously identified gold bearing quartz veins and shear zones on the property. A total 17 grab samples with assays ranging from nil to a high of 69.2 g/t Au were collected over the property. Subsequently, seven diamond drill holes totalling 743 metres were completed on the Property between October 1 and October 20, 2011.

The 2011 prospecting and diamond drill program on the Merrill Property determined that the gold mineralization is contained within quartz veins found within variably sheared and altered (silicified and carbonatized) mafic volcanic rocks as well as within variably altered intermediate dykes. This drill program was successful in identifying the down dip continuity of gold bearing shear structures coincident with the historical Swede Boys showing. Further detailed exploration work over the property is recommended and should consist of linecutting, geological mapping and further diamond drilling.

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1.0 Introduction

From October 1 and October 20, 2011 an exploration program consisting of prospecting and diamond drilling was carried out in the Dryden –Manitou Lakes area of northwestern Ontario (Figure 1.1) by Manitou Gold Inc. (“Manitou Gold”). The work was designed as an evaluation of the Merrill Property (“the Property”) which is comprised of 6 patented mining claims. A total of 17 grab samples were collected over the property and seven diamond drill holes totaling 743 metres were drilled on the previously identified surface showing known as the Swede Boys showing. Grab samples as well as samples collected from drill core were analyzed for Au g/t by fire assay by ALS Chemex.

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

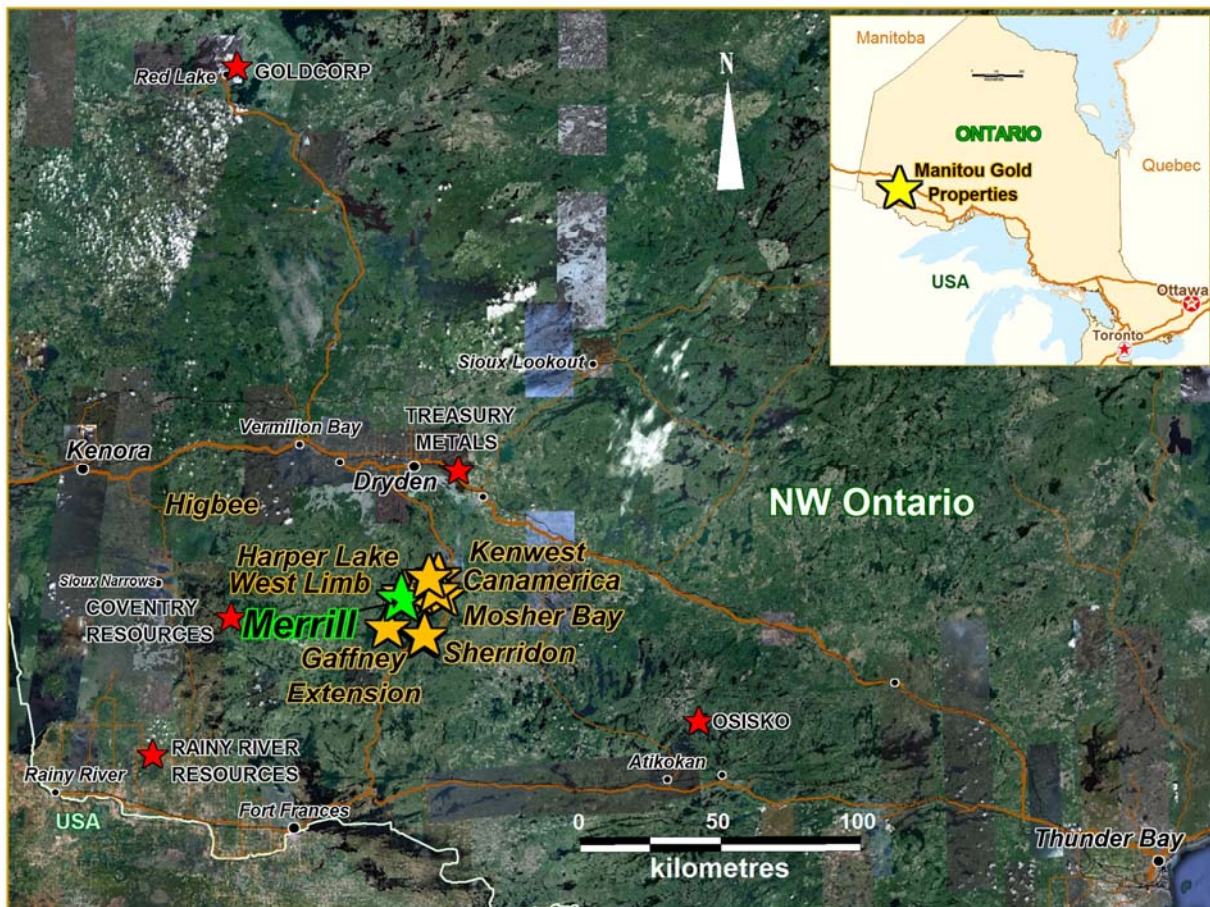


Figure 1.1: Location of the Merrill Property

2.0 Property Description, Location and Access

The Merrill property consists of 6 patented mining claims totaling 96 hectares within the Lower Manitou Lake Area of the Kenora Mining Division of Northwestern Ontario. The property is situated approximately 50 km south of Dryden Ontario (Figure 1.1). The property of interest is centered on UTM coordinates NAD 83 Zone 15U 507900E, 5467100N within the 1:50,000 NTS map sheet 52F/07.

Claims on which work occurred are located in the Kenora Mining Division. The claims on the property are contiguous with Manitou Gold's West Limb Property (Figure 2.1). The grab sampling and diamond drilling extended over two of the patents comprising the Merrill property. A detailed description of the property claims is included in Table 2.1.

The Merrill Property is located within the central portion of Manitou Gold's current West Limb Property in the Kenora Mining Division approximately 50 km south-southwest of Dryden, Ontario (Figure 1.1). Access to the Merrill Property is by secondary highway 502 south from Dryden, Ontario approximately 120 kilometers then west and north on the Cedar Narrows Road, the Penassi Road and finally the Lost Axe Road which along with other tertiary roads access both the West Limb and Merrill Properties. Roughly 90 km needs to be traveled on the logging roads. Once on the property, access to individual gold showings is obtained by a series of either all weather or winter logging roads, some of which are only accessible by ATV.

Table 2.1: List of Claims of the Merrill Property, 2011

| Claim | Parcel No (all followed by SEC DKF) | Pin No | Township/Area | Type | Hectares |
|-------|-------------------------------------|------------|--------------------|--------------|-----------|
| K3693 | 12332 | 42185-0369 | Lower Manitou Lake | Patent | 16 |
| K3694 | 12332 | 42185-0369 | Lower Manitou Lake | Patent | 16 |
| K3820 | 12332 | 42185-0369 | Lower Manitou Lake | Patent | 16 |
| K3821 | 12332 | 42185-0369 | Lower Manitou Lake | Patent | 16 |
| K3932 | 12726 | 42185-0379 | Lower Manitou Lake | Patent | 16 |
| K3931 | 12745 | 42185-3280 | Lower Manitou Lake | Patent | 16 |
| | | | | TOTAL | 96 |

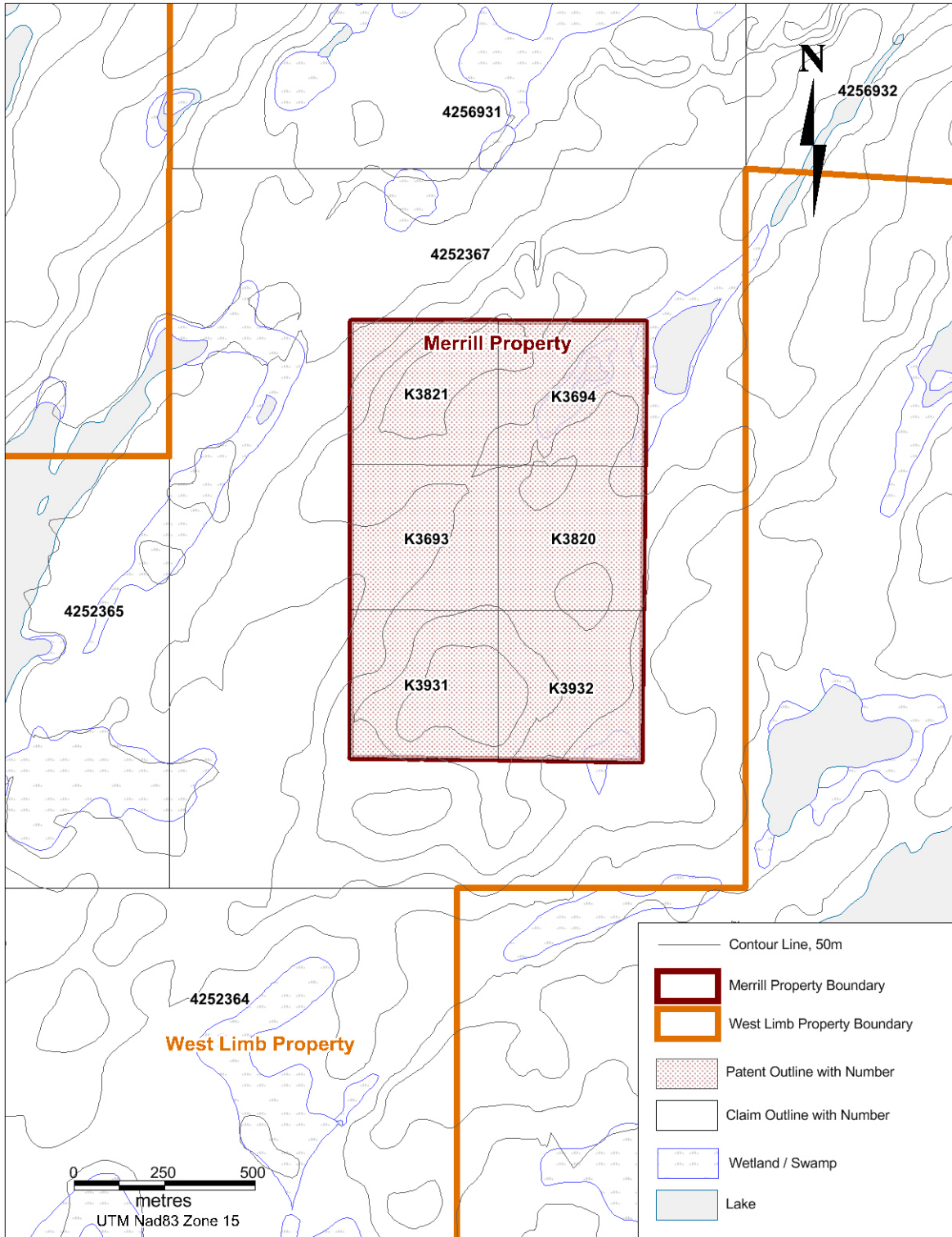


Figure 2.1: Merrill Property Claims

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 120 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 Geological Setting

4.1 Regional and Property Geology

The Merrill Property is located within the western margin of the Eagle-Wabigoon-Manitou Lakes greenstone belt and is within the Lower Manitou Lake Area in Northwestern Ontario. Regional geological mapping in the area was carried out by Thompson (1933) and Blackburn (Blackburn, 1979 & 1982). The most recent compilation map is of the Kenora-Fort Frances area, compiled from mapping in the 1970's by Blackburn (Blackburn 1982).

The Property is located in western Wabigoon sub-province of the Superior Province in the Canadian Shield. The area is underlain by Precambrian rocks. The bedrock geology is described in the O.G.S. Report 202 (1981) by C. Blackburn and Thompson (1933). The Wabigoon sub-province contains several Archean greenstone belts, including the Eagle-Wabigoon-Manitou Lakes greenstone belt. 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 volcanoclastic 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 and Lower Manitou Lakes, and passes to the east of the Property. 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 area. The Merrill Property lies on the western limb of the Manitou Anticline.

The property is mainly underlain by basalts of the Blanchard Lake Group (Blackburn, 1979). The Blanchard Lake Basalts occupy the core of the Manitou anticline and are predominantly fine to

medium grained flow units. The western portion of the property is composed of a mixed sequence of massive, locally porphyritic, mafic flows and intermediate pyroclastics. Thin felsic porphyry dykes were noted in several locations

4.2 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 and metamorphic minerals include chlorite, amphibole, biotite, carbonate, anthophyllite in rosettes, and sulphide minerals (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 mineralization on the Merrill Property is found in two parallel trending shear zones, the West Shear Zone and the East Shear Zone and consists of quartz-carbonate veins that are white to light grey, semi-translucent to translucent and rarely cloudy to opaque. The quartz veins are fractured and commonly contain patches of chlorite, carbonate and anthophyllite (Delisle, 1990). Sulphide content is predominantly pyrite which occurs in trace amounts up to 5% locally in the quartz veins and in the wallrock (Delisle, 1990).

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 Merrill 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.

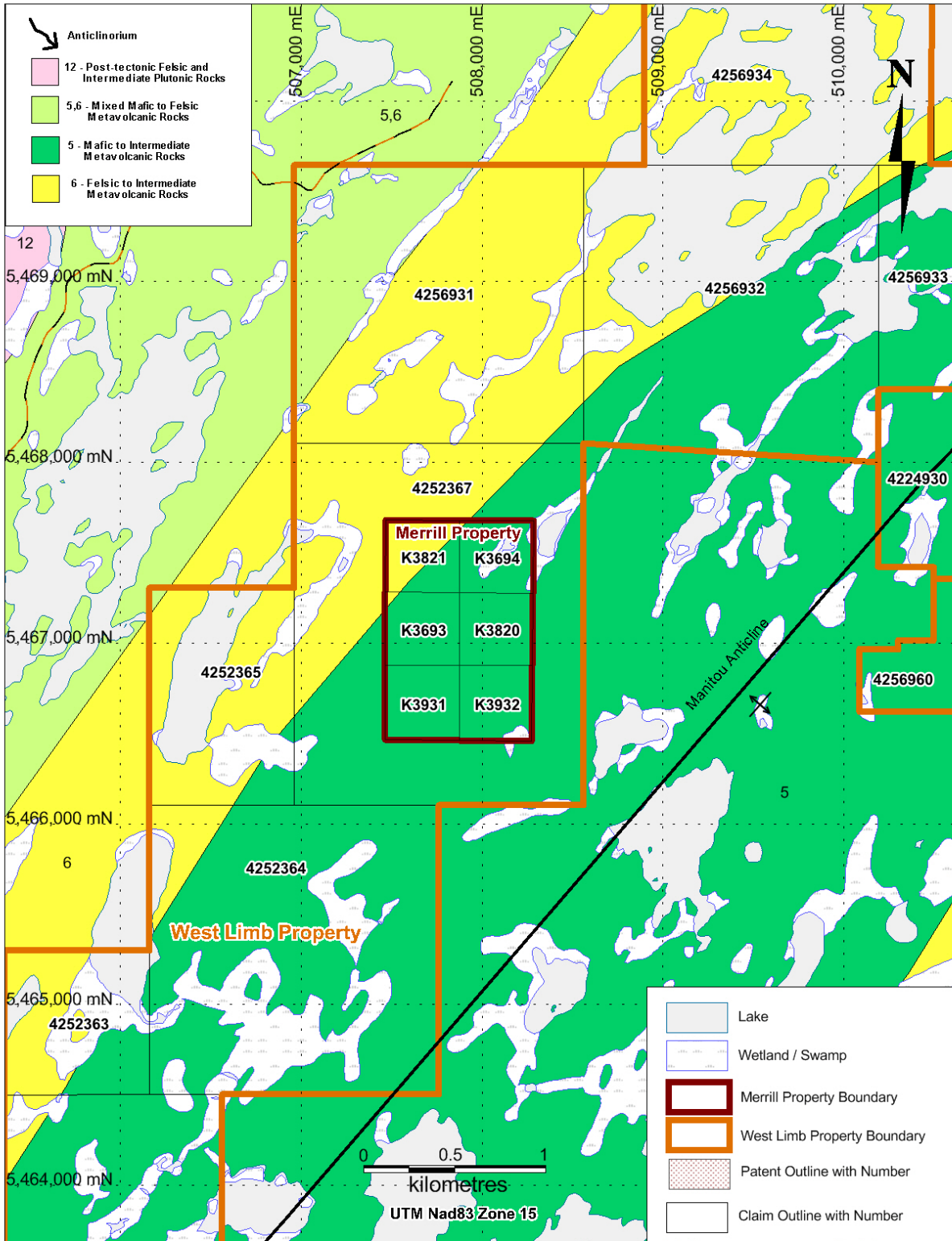


Figure 4.1: Regional Geology of the Merrill Property

5.0 Exploration History

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 in the Manitou Lakes Area 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 the current Merrill Property Patents.

The historical Swede Boy Prospect consists of two northeast trending shear zones, the East shear and the West shear, that are intruded by carbonatized feldspar porphyry dykes (Delisle, 1990). In 1895, three Swedes attempted to begin a small scale placer gold operation on the current Merrill Property, where gold was reported to occur in the mud of the swamp near a two and a half foot wide quartz vein, known as the West Shear Zone (Figure 5-1) (Delisle, 1990). According to Coleman (1896), a specimen taken from this showing yielded 38 oz/ton. A second vein, approximately 7 feet wide, was said to occur approximately 850 feet to the southwest, and was said to grade 0.803 oz/ton (Coleman, 1896). The property was sold to Kansas city capitalists in 1896 (Delisle, 1990).

Between 1932 and 1933, Charles Merrill and James Walmsley uncovered a new quartz vein about 300 feet east of the main vein (West Shear Zone), and exposed it over 325 feet along strike (Thomson, 1934). This vein was considered to be the East Shear Zone. The property was optioned to Arnold Hughes in 1933-1934 who completed surface trenching and test pitting (Delisle, 1990). The claims were brought to patent in 1939 by Charles Merrill and James Walmsley. Very little work is recorded after this time. Manitou Gold Inc. optioned the Property from the Merrill Family in September of 2011, and completed a small first pass prospecting program and a subsequent follow-up diamond drill program in October, 2011.

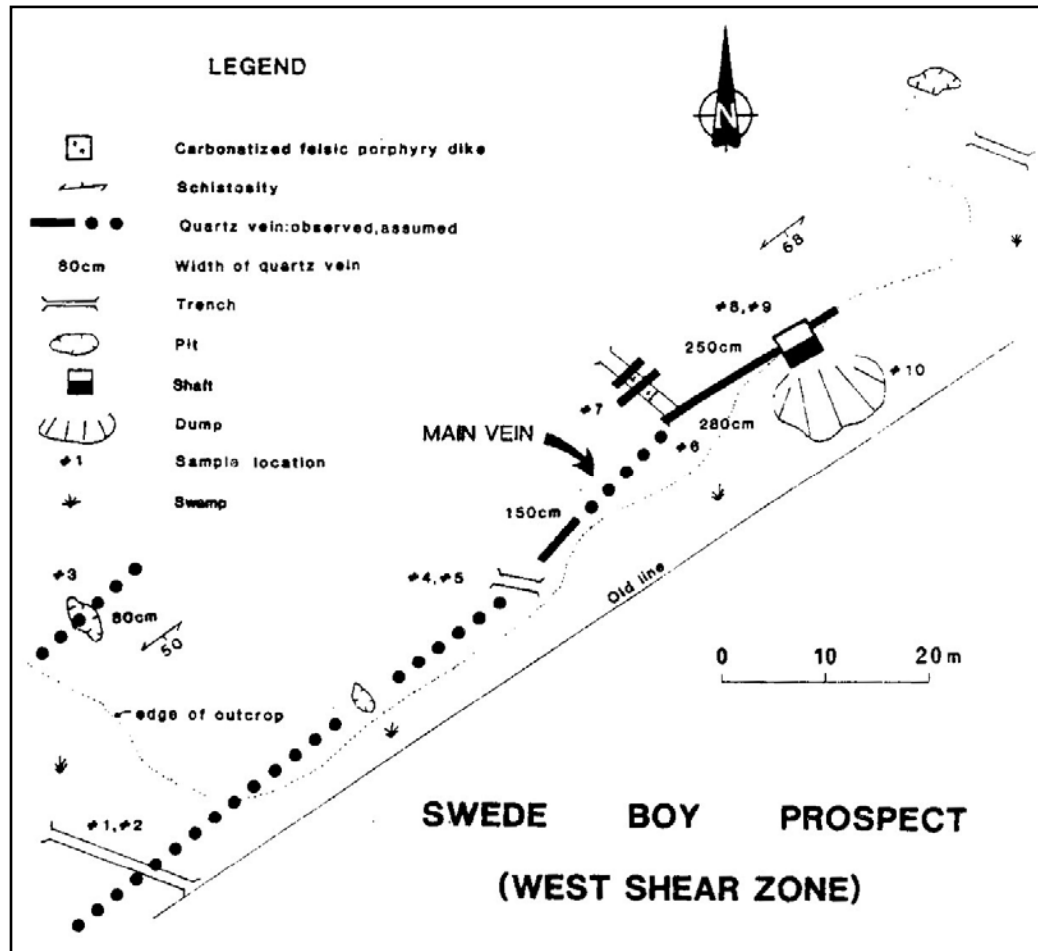


Figure 5.1: Sketch of the West Shear Zone (Delisle, 1990)

6.0 Current Program

From October 1 to October 20, 2011 an initial prospecting and follow-up diamond drill program was carried out in the Dryden –Eagle Lake area of northwestern Ontario (Figure 1-1) by Manitou Gold. A total of seventeen grab samples were collected from the historical Swede Boy gold showing, with assays ranging from nil to 69.2 g/t Au. A subsequent 743 m of diamond drilling was completed in seven holes on the Merrill Property to test the down dip and strike extension of the Swede Boy Showing. 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. Prospecting and grab sampling was carried out by Todd Keast, David Healey and William Zurbrigg. Final maps and figures were completed by Karen Kettles, P. Geo and by Tamara Taras. The report writing was completed by Tamara Taras.

The work was designed to investigate the gold-bearing quartz vein occurrences on the Merrill Property. The exploration program focused on the historical Swede Boy Prospect and targeted both the East Shear Zone and the West Shear Zone. 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.

6.1 Sample Collection, Preparation, Analysis, and Security

In conducting the exploration work set out above, the Corporation maintained all samples within its possession until transport to the laboratory. Grab samples were placed in plastic bags with the corresponding identification tags and the bags were also numbered. The bags were then tied securely and eventually placed in bags for transport to the sample preparation facility. All samples were located using handheld GPS units. The locations of the samples are in UTM NAD 83 Zone 15 coordinates, northern hemisphere, and are given in Appendix I; sample locations are plotted on Map 1 (back pocket) and shown generally on Figure 7.1.

Core recovered from drilling is placed in clean wooden core boxes and labeled and sealed for transfer to the core logging facility in Dryden. 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 core saw 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.

All samples were analyzed by the ALS, 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. The certificates of the assay results from grab samples taken across the Merrill Property can be found in Appendix II, and certificates of assays taken from diamond drill holes are included in Appendix V. A plan map of 2011 diamond drilling can be found on Map 2 (back pocket) and are shown generally on Figure 7.2.

7.0 Results

From October 4 to October 26, 2011 Manitou Gold completed an initial prospecting program followed by a first pass diamond drill program on previously identified gold showings on the Merrill Property. A total of 17 grab samples were collected from various shear zones located across the property (Figure 7.1) and a subsequent seven diamond drill holes were completed along preferable shear structures and mineralized zones.

7.1 Prospecting

The early stage exploration program on the Merrill Property consisted of prospecting and sampling to determine if gold is present in the system. Prospecting and sampling for gold is dependent upon outcrop distribution, the relative small size of the sample collected in relation to size of the outcrop/zone, and the “nuggety” distribution of the individual grains of gold in the outcrop. The density of grab samples collected was controlled mainly by outcrop density and to a lesser extent by the distribution of mineralization, and thus cannot be consistent. An arbitrary value of 0.20 g/t was used to determine samples that are anomalous.

From the 17 grab samples that were collected on the property, 4 samples returned assays of 0.20 g/t Au or higher and were considered anomalous. Of the anomalous samples, 1 sample returned a value as high as 69.2 g/t Au. . Table 7.1 documents samples taken on the Merrill Property, and Figure 7.1 shows the results and the distribution of them across the Property.

Further work is needed to ascertain the extent and continuity of the mineralized zones across the Merrill Property.

Table 7.1: Merrill Property 2011 Grab Samples

| Sample ID | Zone/Area | UTM East | UTM North | Rock Type | Comments | Claim # | Au g/t |
|-----------|------------|----------|-----------|------------|------------------------|---------|--------|
| K087543 | East Shear | 507773 | 5467260 | qtz muck | VG - 1-2% py | K3693 | 69.2 |
| | West | | | | <blocks qtz,str fe,<1% | | |
| K569501 | Shear | 507533 | 5467078 | chl-schist | py | K3693 | 0.398 |
| | West | | | | muck pit,50%qtz,3- | | |
| K569502 | Shear | 507677 | 5467252 | chl-schist | 4% py | K3693 | 0.377 |
| | | | | | sugary qtz | | |
| K569503 | East Shear | 507681 | 5467068 | chl-schist | muck,99%qtz,<1% py | K3693 | 0.237 |
| | West | | | | | | |
| K087545 | Shear | 507807 | 5467404 | QV | Tr py | K3821 | 0.036 |
| | West | | | Amph- | | | |
| K087544 | Shear | 507723 | 5467265 | schist | Tr py | K3693 | 0.027 |
| | | | | | muck,99%qtz,1% | | |
| K569995 | East Shear | 507778 | 5467265 | chl-schist | tour,0% py | K3693 | 0.026 |
| | West | | | QV - Chl. | | | |
| K087546 | Shear | 507807 | 5467410 | Schist | nil sulphides | K3821 | 0.023 |
| | West | | | | pit, muck,QV,2- | | |
| K570000 | Shear | 507507 | 5467408 | chl-schist | 3%py,fe | K3693 | 0.02 |
| | | | | | 5%qtz | | |
| | West | | | | stringers,3%py,mod- | | |
| K569997 | Shear | 507603 | 5467213 | chl-schist | carb | K3693 | 0.017 |
| | West | | | | sugary qtz no | | |
| K087540 | Shear | 597498 | 5466994 | chl-schist | sulphide | K3693 | 0.013 |
| | West | | | | QV with tr py,10% | | |
| K569999 | Shear | 507505 | 5467408 | chl-schist | chl-schist | K3821 | 0.011 |
| | West | | | Qtz | | | |
| K087547 | Shear | 507669 | 5467138 | Blowout | Glassy Iron Stn. Tr py | K3693 | 0.01 |
| | West | | | | Qtz muck, chl-schist | | |
| K087541 | Shear | 507494 | 5467031 | Qtz | 1% py | K3693 | 0.008 |
| | West | | | QV w. chl | | | |
| K087542 | Shear | 507567 | 5467142 | schist | Iron Staining 1-2% py | K3693 | 0.005 |
| | West | | | | | | |
| K569996 | Shear | 507603 | 5467213 | chl-schist | muck,QV,1% py | K3693 | 0.005 |
| | West | | | | | | |
| K569998 | Shear | 507506 | 5467409 | chl-schist | qtz blow,wk fe,nil py | K3821 | <0.005 |

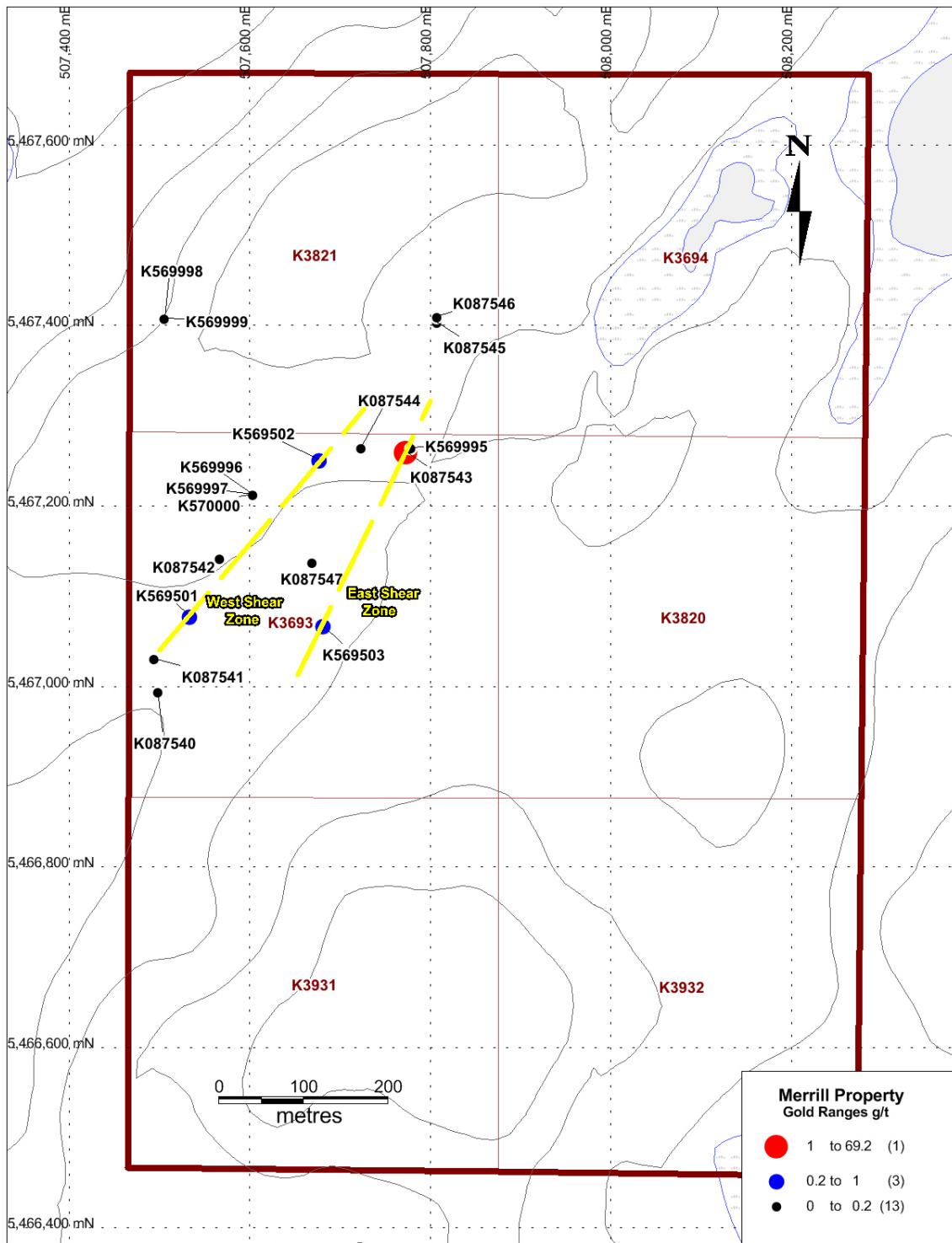


Figure 7.1: Merrill Property 2011 grab sample locations and gold ranges.

7.2 Diamond Drilling

The recently completed diamond drill program, consisting of seven drill holes totalling 743 m, was part of an initial evaluation to test the down-dip and along-strike extent of some of the surface gold showings identified by the initial prospecting program completed by Manitou Gold Inc. in 2011. The details of the drill holes are shown in Table 7.1. Diamond drill logs can be found in Appendix III and cross-sections of the seven drill holes are located in Appendix IV. A drill hole location plan is presented Map 2 (back pocket) as well as in Figure 7-2.

The seven-hole diamond drill program confirmed the down-dip and strike continuity of gold mineralization contained within a number of discrete shear structures containing variable amounts of quartz veins and sulphide mineralization. Mineralization is hosted within variably sheared and altered (silicified and carbonatized) mafic volcanic rocks.

Table 7.2: Manitou Gold's 2011 Diamond Drill Program on the Merrill Project

| <i>Hole Number</i> | <i>Azimuth</i> | <i>Dip</i> | <i>Length (m)</i> | <i>Easting</i> | <i>Northing</i> |
|--------------------|----------------|------------|-------------------|----------------|-----------------|
| ML-11-01 | 308 | -69.8 | 138 | 507800 | 5467251 |
| ML-11-02 | 306.2 | -45.9 | 77 | 507801 | 5467251 |
| ML-11-03 | 303.5 | -47.1 | 96 | 507863 | 5467354 |
| ML-11-04 | 298.2 | -45.6 | 66 | 507733 | 5467034 |
| ML-11-05 | 329.1 | -47.1 | 96 | 507687 | 5467184 |
| ML-11-06 | 335.6 | -70.1 | 153 | 507687 | 5467183 |
| ML-11-07 | 299.8 | -46.2 | 117 | 507564 | 5467017 |
| TOTAL | | | 743 | | |

Gold on the Merrill Property was initially discovered in 1895 whereby a small placer gold operation was established, which became known as the Swede Boy Prospect. Gold recovered from this small placer operation was believed to originate from a number of proximal gold bearing quartz veins. Between 1932 and 1939, two parallel shear structures, known as the West Shear Zone and the East Shear Zone were discovered on the property. Manitou gold completed an initial program consisting of prospecting and subsequently diamond drilling on the Merrill Property and the historical Swede Boy Prospect. The Swede Boy Prospect consists of two northeast trending shear zones that are intruded by carbonatized feldspar porphyry dykes (Delisle, 1990).

A total of four diamond drill holes, ML-11-01 to 04 were completed on the East shear zone. Gold mineralization was found within shear zones with variable degrees of biotite and carbonate alteration with up to 40% quartz veins, 1% pyrite and trace pyrrhotite and chalcopyrite. Moderate silicification was also noted. Individual samples taken from these drill holes ranged from nil to a high of 12.65 g/t Au in diamond drill hole ML-11-01. Cross sections of these diamond drill holes can be found on sections 5467300N, 5467313N and 5467014N (Appendix IV). Diamond Drill Logs for these holes can be found in Appendix III.

The West Shear Zone lies approximately 100 m to the west of the East Shear Zone, and was also historically referred to as the Main vein. Three diamond drill holes, ML-11-05 to ML-11-07 were completed on the West Shear Zone. Gold mineralization was predominantly found to be contained within shear zones with moderate to strong biotite and carbonate alteration, 10-15% quartz veins, 1-2% pyrite and occasionally trace pyrrhotite and chalcopyrite. In diamond drill hole ML-11-07, gold mineralization was also found to occur within a variably sheared and altered intermediate dyke containing 20-25 % biotite, less than 1% pyrite and 1-2% blue quartz eyes. Individual samples taken from these drill holes ranged from nil to a high of 5.65 g/t Au in diamond drill hole ML-11-07. Cross sections of these drill holes can be found on sections 5467273N and 5466957N in Appendix IV and Drill Logs can be found in Appendix III

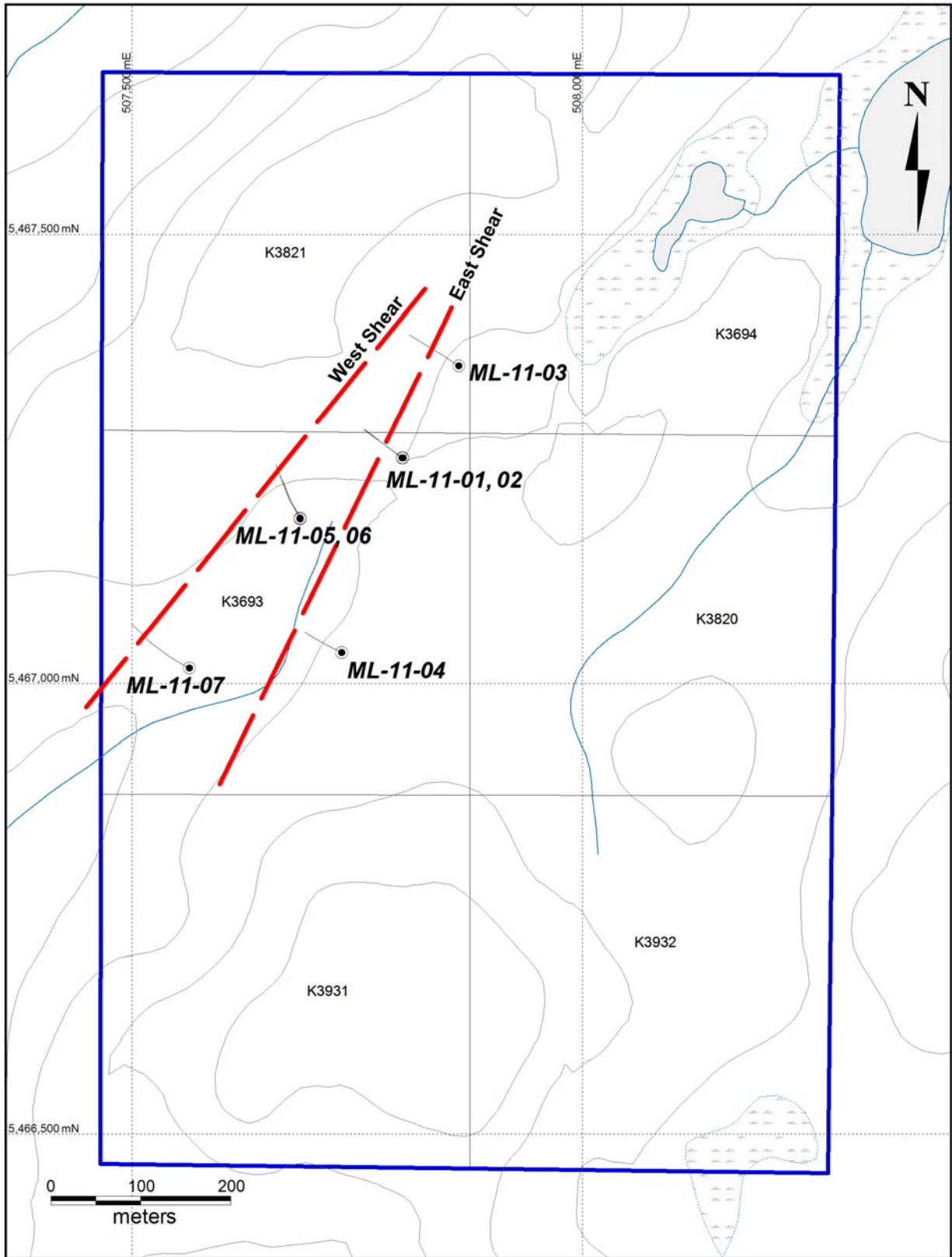


Figure 7.2: Merrill Property 2011 Drill holes

8.0 Recommendations and Conclusions

The 2011 Prospecting program on the Merrill Property was successful in confirming the presence of gold on previously discovered gold zones. Samples taken from these areas or zones returned anomalous to high grade gold values. The follow-up diamond drill program was successful in identifying down dip continuity of gold mineralization on both the East Shear Zone and the West Shear Zone of the historical Swede Boys Showing.

Additional work is recommended across the property to further evaluate the gold mineralization. The Property needs to be mapped in detail, trenched, and sampled (channels and grabs) to determine the nature and extent of the mineralization. An IP survey is recommended over the area to aid in generating targets for drilling. The grid established for the IP survey should be sampled and mapped. If these programs are successful in delineating mineralization then a program of additional diamond drilling is recommended.

9.0 References

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Statement of Qualifications

I, Tamara L. Taras, of 517-100 Creek Bend Road, Winnipeg, Manitoba R2N 0G1 do hereby 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 2nd day of May, 2012.



Tamara L. Taras, BSc.

APPENDIX I

Grab Sample Locations and Assays

| Sample ID | Zone | UTM East | UTM North | Rock Type | Comments | Claim # | Au g/t |
|-----------|------------|----------|-----------|------------------|-------------------------------|---------|------------|
| K087540 | West Shear | 597498 | 5466994 | chl-schist | sugary qtz no sulphide | K3693 | 0.013 |
| K087541 | West Shear | 507494 | 5467031 | Qtz | Qtz muck, chl-schist 1% py | K3693 | 0.008 |
| K087542 | West Shear | 507567 | 5467142 | QV w. chl schist | Iron Staining 1-2% py | K3693 | 0.005 |
| K087543 | East Shear | 507773 | 5467260 | qtz muck | VG - 1-2% py | K3693 | 69.2 |
| K087544 | West Shear | 507723 | 5467265 | Amph-schist | Tr py | K3693 | 0.027 |
| K087545 | West Shear | 507807 | 5467404 | QV | Tr py | K3821 | 0.036 |
| K087546 | West Shear | 507807 | 5467410 | QV - Chl. Schist | nil sulphides | K3821 | 0.023 |
| K087547 | West Shear | 507669 | 5467138 | Qtz Blowout | Glassy Iron Str. Tr py | K3693 | 0.01 |
| K569501 | West Shear | 507533 | 5467078 | chl-schist | <blocks qtz,str fe,<1% py | K3693 | 0.398 |
| K569502 | West Shear | 507677 | 5467252 | chl-schist | muck pit,50%qtz,3-4% py | K3693 | 0.377 |
| K569503 | East Shear | 507681 | 5467068 | chl-schist | sugary qtz muck,99%qtz,<1% py | K3693 | 0.237 |
| K569995 | East Shear | 507778 | 5467265 | chl-schist | muck,99%qtz,1% tour,0% py | K3693 | 0.026 |
| K569996 | West Shear | 507603 | 5467213 | chl-schist | muck,QV,1% py | K3693 | 0.005 |
| K569997 | West Shear | 507603 | 5467213 | chl-schist | 5%qtz stringers,3%py,mod-carb | K3693 | 0.017 |
| K569998 | West Shear | 507506 | 5467409 | chl-schist | qtz blow,wk fe,nil py | K3821 | <0.00 5 |
| K569999 | West Shear | 507505 | 5467408 | chl-schist | QV with tr py,10% chl-schist | K3821 | 0.011 |
| K570000 | West Shear | 507507 | 5467408 | chl-schist | pit, muck,QV,2-3%py,fe | K3693 | 0.02 |

APPENDIX II

Grab Sample Assay Certificates



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

Page: 1
 Finalized Date: 9-NOV-2011
 Account: MANGOL

CERTIFICATE TB11201530

Project: WEST LIMB
 P.O. No.:
 This report is for 19 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 3-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| 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 |

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.
 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

Page: 2 - A
 Total # Pages: 2 (A)
 Finalized Date: 9-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11201530

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-GRA21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm |
| | | 0.02 | 0.05 | 0.005 |
| K087540 | | 1.32 | | 0.013 |
| K087541 | | 2.12 | | 0.008 |
| K087542 | | 2.02 | | 0.005 |
| K087543 | | 5.11 | 69.2 | >10.0 |
| K087544 | | 1.41 | | 0.027 |
| K087545 | | 1.59 | | 0.036 |
| K087546 | | 1.55 | | 0.023 |
| K087547 | | 1.79 | | 0.010 |
| K569501 | | 1.85 | | 0.398 |
| K569502 | | 2.11 | | 0.377 |
| K569503 | | 1.83 | | 0.237 |
| K569504 | | 2.27 | 26.1 | >10.0 |
| K569505 | | 2.20 | | 2.10 |
| K569995 | | 1.92 | | 0.026 |
| K569996 | | 2.32 | | 0.005 |
| K569997 | | 1.93 | | 0.017 |
| K569998 | | 1.63 | | <0.005 |
| K569999 | | 1.88 | | 0.011 |
| K570000 | | 1.90 | | 0.020 |

APPENDIX III

Diamond Drill Logs

Drillhole Log

Units Meters

Manitou Gold Inc.

| | | | | | | | | |
|-------------------------|----------------------------|---------------------------|-------------------------|----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 138.00 | 15/10/2011 |
| District | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | |
| Kenora | 5467251 | 507800 | | | Hand-held GPS | | 15/10/2011 | |
| Project | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | |
| Merrill | 535.00 | 308.00 | | -69.80 | Downing Drilling | | 17/10/2011 | |
| Area | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | |
| Lower Manitou Lake Area | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | |
| Zone/Prospect | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection |
| | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Core Size (1) | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor |
| (2) | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | Date Pulsed |
| Purpose | | | Results | | | Comments | | |
| | | | | | | 32 boxes NQ core | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 308 | | -69.8 | | <input checked="" type="checkbox"/> | Flexit | 57800 | Shawn |
| 51.00 | | | 307.2 | | -68.7 | | <input checked="" type="checkbox"/> | Flexit | 57770 | Shawn |
| 102.00 | | | 307.3 | | -66.1 | | <input checked="" type="checkbox"/> | Flexit | 57880 | Michael |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|---|-----------------|-------------|-----------|-----------------|
| <i>From</i> | <i>To</i> | | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len. ppm</i> |
| 0.00 | - 2.30 | OVB Overburden casing/stick-up/overburden | | | | |

| Lithology | | | | | Au | | |
|------------------|-----------|--|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 2.30 | - 90.80 | MV Mafic Volcanic | | | | | |
| | | mafic metavolcanics; amph-chl gneiss (massive to very weakly foliated; mod to strongly foliated in shear zones) - green, sparsely spotted creamy white; predominantly med-grained with <1% relict phenocrysts (subhedral to anhedral, corroded ?px crystals replaced by feld, 0.5-2cm diameter); locally feldspathic (interstitial cream feld - unclear if primary or secondary feld); locally mod to str CRB alt in shear zones; locally moderately silicified; <1% QV; tr sulphides (pyo, cpy, pyr) in qtz/cal veins | K574279 | 9.45 | 10.45 | 1.00 | 0.0025 |
| | | | K574280 | 10.45 | 11.45 | 1.00 | 0.007 |
| | | | K574281 | 11.45 | 12.05 | 0.60 | 0.006 |
| | | | K574282 | 12.05 | 13.05 | 1.00 | 0.007 |
| | | | K574283 | 13.05 | 14.50 | 1.45 | 0.006 |
| | | 11.45-12.05 SHEAR 60CA; str CRB alt, vns | K574284 | 14.50 | 16.00 | 1.50 | 0.008 |
| | | 25.6-31.1 SHEAR 55-60CA; str CRB, vns; 3% QV; tr pyr, cpy, pyo | K574285 | 16.00 | 17.50 | 1.50 | 0.006 |
| | | 38.4-42.2 SHEAR 60CA; locally str CRB vns | K574286 | 17.50 | 19.00 | 1.50 | 0.008 |
| | | 49.3-54.4 SHEAR 60-70CA; str CRB, vns; mod BT alt; 5% QV; <1% pyr, tr pyo (sulphides locally more abundant around QV and where biotite alt is more intense) | K574287 | 19.00 | 20.00 | 1.00 | 0.0025 |
| | | 54.4-67.0 mod sheared - mod to str fol 55-65CA, wk fol in places; locally str CRB; locally mod biotite alt; 1-2% QV | K574288 | 20.00 | 21.00 | 1.00 | 0.009 |
| | | 67.0-81.6 SHEAR 60-80CA; mod to str BT+CRB alt; locally mod silicified; 5% QV; 1% pyr; <1% pyo; tr cpy | K574289 | 21.00 | 22.50 | 1.50 | 0.006 |
| | | 90.3-90.95 SHEAR 65CA; str CRB | K574290 | 22.50 | 23.60 | 1.10 | 0.005 |
| | | 90.7-90.80 MAFIC DYKE - dark green, fine-grained, homogeneous; sharp contacts UC ~80CA (irregular), LC 45CA | K574291 | 23.60 | 24.60 | 1.00 | 0.011 |
| | | | K574292 | 24.60 | 25.60 | 1.00 | 0.007 |
| | | | K574293 | 25.60 | 26.60 | 1.00 | 0.008 |
| | | | K574294 | 26.60 | 27.60 | 1.00 | 0.007 |
| | | | K574296 | 27.60 | 28.60 | 1.00 | 0.016 |
| | | | K574297 | 28.60 | 29.60 | 1.00 | 0.012 |
| | | | K574298 | 29.60 | 30.60 | 1.00 | 0.116 |
| | | | K574299 | 30.60 | 31.10 | 0.50 | 0.031 |
| | | | K574300 | 31.10 | 32.50 | 1.40 | 0.011 |
| | | | K574301 | 32.50 | 34.00 | 1.50 | 0.006 |
| | | | K574302 | 34.00 | 35.50 | 1.50 | 0.01 |
| | | | K574303 | 35.50 | 37.00 | 1.50 | 0.0025 |
| | | | K574304 | 37.00 | 38.40 | 1.40 | 0.006 |
| | | | K574305 | 38.40 | 39.40 | 1.00 | 0.006 |
| | | | K574306 | 39.40 | 40.40 | 1.00 | 0.008 |
| | | | K574307 | 40.40 | 41.40 | 1.00 | 0.009 |
| | | | K574308 | 41.40 | 42.20 | 0.80 | 0.014 |
| | | | K574309 | 42.20 | 43.30 | 1.10 | 0.01 |
| | | | K574310 | 43.30 | 44.80 | 1.50 | 0.008 |
| | | | K574311 | 44.80 | 46.30 | 1.50 | 0.005 |
| | | | K574312 | 46.30 | 47.80 | 1.50 | 0.008 |
| | | | K574313 | 47.80 | 49.30 | 1.50 | 0.013 |
| | | | K574314 | 49.30 | 50.30 | 1.00 | 0.014 |
| | | | K574315 | 50.30 | 51.30 | 1.00 | 0.987 |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574316 | 51.30 | 52.30 | 1.00 | 5.93 |
| | | K574317 | 52.30 | 53.30 | 1.00 | 0.219 |
| | | K574319 | 53.30 | 54.30 | 1.00 | 0.01 |
| | | K574320 | 54.30 | 55.30 | 1.00 | 0.009 |
| | | K574321 | 55.30 | 56.30 | 1.00 | 0.005 |
| | | K574322 | 56.30 | 57.30 | 1.00 | 0.008 |
| | | K574323 | 57.30 | 58.30 | 1.00 | 0.011 |
| | | K574324 | 58.30 | 59.00 | 0.70 | 0.011 |
| | | K574325 | 59.00 | 60.00 | 1.00 | 1.715 |
| | | K574326 | 60.00 | 61.00 | 1.00 | 0.017 |
| | | K574327 | 61.00 | 62.00 | 1.00 | 0.01 |
| | | K574328 | 62.00 | 63.00 | 1.00 | 0.0025 |
| | | K574329 | 63.00 | 64.00 | 1.00 | 0.01 |
| | | K574330 | 64.00 | 65.00 | 1.00 | 0.028 |
| | | K574331 | 65.00 | 66.00 | 1.00 | 0.028 |
| | | K574332 | 66.00 | 67.00 | 1.00 | 0.012 |
| | | K574333 | 67.00 | 68.00 | 1.00 | 0.015 |
| | | K574335 | 68.00 | 69.00 | 1.00 | 3.61 |
| | | K574336 | 69.00 | 70.00 | 1.00 | 0.114 |
| | | K574337 | 70.00 | 71.00 | 1.00 | 1.24 |
| | | K574338 | 71.00 | 72.00 | 1.00 | 0.896 |
| | | K574339 | 72.00 | 73.00 | 1.00 | 0.243 |
| | | K574340 | 73.00 | 74.00 | 1.00 | 0.05 |
| | | K574341 | 74.00 | 75.00 | 1.00 | 12.65 |
| | | K574342 | 75.00 | 76.00 | 1.00 | 3.81 |
| | | K574344 | 76.00 | 77.00 | 1.00 | 0.066 |
| | | K574345 | 77.00 | 78.00 | 1.00 | 0.041 |
| | | K574346 | 78.00 | 79.00 | 1.00 | 0.977 |
| | | K574347 | 79.00 | 80.00 | 1.00 | 0.01 |
| | | K574348 | 80.00 | 81.00 | 1.00 | 0.67 |
| | | K574349 | 81.00 | 82.00 | 1.00 | 0.093 |
| | | K574350 | 82.00 | 83.50 | 1.50 | 0.006 |
| | | K574351 | 83.50 | 85.00 | 1.50 | 0.011 |
| | | K574352 | 85.00 | 86.00 | 1.00 | 0.011 |
| | | K574353 | 86.00 | 87.00 | 1.00 | 0.032 |
| | | K574354 | 87.00 | 88.00 | 1.00 | 0.011 |
| | | K574355 | 88.00 | 89.00 | 1.00 | 0.011 |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|--|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574356 | 89.00 | 90.30 | 1.30 | 0.013 |
| | | K574357 | 90.30 | 90.80 | 0.50 | 0.008 |
| 90.80 | - 91.75 | QV Quartz Vein | | | | |
| | | massive white qtz vein; sharp but very irregular contacts; <1% sulphide blebs in vein comprising <1% pyo+cpy, tr pyr | | | | |
| | | K574358 | 90.80 | 91.75 | 0.95 | 0.121 |

| Lithology | | | | | | Au | |
|------------------|-----------|---|-------------|-----------|-------------|------------|--|
| From | To | Sample # | From | To | Len. | ppm | |
| 91.75 | - 138.00 | MV Mafic Volcanic | | | | | |
| | | mafic metavolcanics, as described above | | | | | |
| | | K574359 | 91.75 | 92.75 | 1.00 | 0.014 | |
| | | K574361 | 92.75 | 94.20 | 1.45 | 0.0025 | |
| | | K574362 | 94.20 | 95.70 | 1.50 | 0.007 | |
| | | K574363 | 95.70 | 97.20 | 1.50 | 0.009 | |
| | | K574364 | 97.20 | 98.70 | 1.50 | 0.007 | |
| | | K574365 | 98.70 | 100.20 | 1.50 | 0.009 | |
| | | K574366 | 100.20 | 101.70 | 1.50 | 0.007 | |
| | | K574367 | 101.70 | 103.20 | 1.50 | 0.0025 | |
| | | K574368 | 103.20 | 104.20 | 1.00 | 0.02 | |
| | | K574369 | 104.20 | 104.70 | 0.50 | 0.03 | |
| | | K574370 | 104.70 | 105.70 | 1.00 | 0.793 | |
| | | K574371 | 105.70 | 106.60 | 0.90 | 0.397 | |
| | | K574373 | 106.60 | 107.60 | 1.00 | 0.006 | |
| | | K574374 | 107.60 | 109.10 | 1.50 | 0.006 | |
| | | K574375 | 109.10 | 110.60 | 1.50 | 0.077 | |
| | | K574376 | 110.60 | 112.10 | 1.50 | 0.008 | |
| | | K574377 | 112.10 | 113.60 | 1.50 | 0.017 | |
| | | K574378 | 113.60 | 115.10 | 1.50 | 0.006 | |
| | | K574379 | 115.10 | 116.60 | 1.50 | 0.007 | |
| | | K574380 | 116.60 | 117.50 | 0.90 | 0.008 | |
| | | K574381 | 117.50 | 119.00 | 1.50 | 0.01 | |
| | | K574382 | 119.00 | 120.00 | 1.00 | 0.006 | |
| | | K574383 | 120.00 | 121.00 | 1.00 | 0.009 | |
| | | K574384 | 121.00 | 122.00 | 1.00 | 0.0025 | |
| | | K574386 | 122.00 | 123.00 | 1.00 | 0.0025 | |
| | | K574387 | 123.00 | 124.00 | 1.00 | 0.0025 | |
| | | K574388 | 124.00 | 125.00 | 1.00 | 0.009 | |
| | | K574389 | 125.00 | 126.00 | 1.00 | 0.009 | |
| | | K574390 | 126.00 | 127.00 | 1.00 | 0.006 | |
| | | K574391 | 127.00 | 128.00 | 1.00 | 0.005 | |
| | | K574392 | 128.00 | 129.00 | 1.00 | 0.0025 | |
| | | K574393 | 129.00 | 130.50 | 1.50 | 0.009 | |
| | | K574394 | 130.50 | 131.50 | 1.00 | 0.0025 | |
| | | K574395 | 131.50 | 133.00 | 1.50 | 0.005 | |
| | | K574396 | 133.00 | 134.00 | 1.00 | 0.005 | |
| | | K574397 | 134.00 | 135.00 | 1.00 | 0.01 | |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574398 | 135.00 | 136.00 | 1.00 | 0.006 |
| | | K574399 | 136.00 | 137.00 | 1.00 | 0.012 |
| | | K574400 | 137.00 | 138.00 | 1.00 | 0.006 |

Drillhole Log

Units Meters

Manitou Gold Inc.

| | | | | | | | | | |
|-------------------------|----------------------------|---------------------------|-------------------------|----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|--------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started | |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 77.00 | 14/10/2011 | |
| District | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | | |
| Kenora | 5467251 | 507801 | | | Hand-held GPS | | 14/10/2011 | | |
| Project | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | | |
| Merrill | 537.00 | 306.20 | | -45.90 | Downing Drilling | | 15/10/2011 | | |
| Area | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | | |
| Lower Manitou Lake Area | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | | |
| Zone/Prospect | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection | |
| | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Core Size (1) | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor | Date Pulsed |
| (2) | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Purpose | | | Results | | | Comments | | | |
| | | | | | | 18 boxes NQ core | | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 306.2 | | -45.9 | | <input checked="" type="checkbox"/> | Flexit | 58530 | Shawn |
| 51.00 | | | 306.5 | | -45.6 | | <input checked="" type="checkbox"/> | Flexit | 57750 | Michael |
| 75.00 | | | 331.1 | | -45.3 | | <input type="checkbox"/> | Flexit | 57020 | Shawn |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|---|-----------------|-------------|-----------|-----------------|
| <i>From</i> | <i>To</i> | | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len. ppm</i> |
| 0.00 | - 2.90 | OVB Overburden casing/stick-up/overburden | | | | |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574238 | 41.50 | 43.00 | 1.50 | 0.01 |
| | | K574239 | 43.00 | 44.00 | 1.00 | 0.013 |
| | | K574240 | 44.00 | 45.00 | 1.00 | 0.155 |
| | | K574241 | 45.00 | 46.00 | 1.00 | 1.195 |
| | | K574242 | 46.00 | 47.00 | 1.00 | 0.025 |
| | | K574244 | 47.00 | 48.00 | 1.00 | 0.007 |
| | | K574245 | 48.00 | 49.00 | 1.00 | 0.009 |
| | | K574246 | 49.00 | 50.00 | 1.00 | 0.01 |
| | | K574247 | 50.00 | 51.00 | 1.00 | 0.017 |
| | | K574248 | 51.00 | 52.00 | 1.00 | 0.044 |
| | | K574249 | 52.00 | 53.00 | 1.00 | 0.024 |
| | | K574250 | 53.00 | 54.00 | 1.00 | 0.013 |
| | | K574251 | 54.00 | 55.00 | 1.00 | 0.024 |
| | | K574252 | 55.00 | 56.00 | 1.00 | 0.009 |
| | | K574253 | 56.00 | 57.00 | 1.00 | 0.011 |
| | | K574255 | 57.00 | 57.90 | 0.90 | 0.295 |
| | | K574256 | 57.90 | 58.50 | 0.60 | 0.01 |
| | | K574257 | 58.50 | 59.50 | 1.00 | 0.04 |
| | | K574258 | 59.50 | 60.00 | 0.50 | 0.026 |
| | | K574259 | 60.00 | 61.00 | 1.00 | 0.391 |
| | | K574260 | 61.00 | 62.20 | 1.20 | 0.346 |
| | | K574261 | 62.20 | 63.20 | 1.00 | 0.014 |
| | | K574262 | 63.20 | 64.20 | 1.00 | 0.055 |
| | | K574263 | 64.20 | 65.20 | 1.00 | 0.024 |
| | | K574264 | 65.20 | 66.00 | 0.80 | 0.055 |
| | | K574265 | 66.00 | 66.75 | 0.75 | 0.161 |
| | | K574266 | 66.75 | 67.75 | 1.00 | 0.0025 |
| | | K574268 | 67.75 | 68.40 | 0.65 | 0.0025 |
| | | K574269 | 68.40 | 69.50 | 1.10 | 0.03 |
| | | K574270 | 69.50 | 70.65 | 1.15 | 0.0025 |
| | | K574271 | 70.65 | 71.65 | 1.00 | 0.012 |
| | | K574272 | 71.65 | 72.65 | 1.00 | 0.0025 |
| | | K574273 | 72.65 | 73.15 | 0.50 | 0.043 |
| | | K574275 | 73.15 | 74.00 | 0.85 | 0.174 |
| | | K574276 | 74.00 | 75.00 | 1.00 | 0.008 |
| | | K574277 | 75.00 | 76.00 | 1.00 | 0.005 |
| | | K574278 | 76.00 | 77.00 | 1.00 | 0.009 |

| <i>Lithology</i> | | | | | <i>Au</i> | |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | | | | | |

Drillhole Log

Units Meters

Manitou Gold Inc.

| | | | | | | | | |
|-------------------------|----------------------------|---------------------------|-------------------------|----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 96.00 | 12/10/2011 |
| District | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | |
| Kenora | 5467354 | 507863 | | | Hand-held GPS | | 13/10/2011 | |
| Project | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | |
| Merrill | 535.00 | 303.50 | | -47.10 | Downing Drilling | | 15/10/2011 | |
| Area | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | |
| Lower Manitou Lake Area | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | |
| Zone/Prospect | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection |
| | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Core Size (1) | | Casing Pulled | Casing (1) | 3.00 | NW Steel | Plugged | Pulsed | Geophysics Contractor |
| (2) | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | Date Pulsed |
| Purpose | | | Results | | | Comments | | |
| | | | | | | 22 boxes NQ core | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 303.5 | | -47.1 | | <input checked="" type="checkbox"/> | Flexit | 58290 | Michael |
| 51.00 | | | 301.8 | | -47.2 | | <input checked="" type="checkbox"/> | Flexit | 57570 | Michael |
| 96.00 | | | 302.3 | | -46.8 | | <input checked="" type="checkbox"/> | Flexit | 57580 | Shawn |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|---|-----------------|-------------|-----------|-----------------|
| <i>From</i> | <i>To</i> | | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len. ppm</i> |
| 0.00 | - 2.50 | OVB Overburden casing/stick-up/overburden | | | | |

| Lithology | | | | | Au | | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 2.50 | - 96.00 | MV Mafic Volcanic | | | | | |
| | | mafic metavolcanics; amph-chl gneiss (generally weakly foliated to massive in places, strongly foliated in shear zones) - green, sparsely spotted creamy white; predominantly med-grained with <1% relict phenocrysts (subhedral to anhedral, corroded ?px crystals replaced by feld, 0.5-1.5cm diameter); wk to locally mod CRB alt (and str crb in shear zones); 1-2% QV; tr sulphides (pyo, cpy, pyr) in veins, rarely dissem in host rock | K574119 | 6.00 | 7.00 | 1.00 | 0.0025 |
| | | | K574120 | 7.00 | 8.00 | 1.00 | 0.0025 |
| | | | K574121 | 8.00 | 9.00 | 1.00 | 0.014 |
| | | | K574122 | 9.00 | 10.00 | 1.00 | 0.0025 |
| | | | K574123 | 10.00 | 11.00 | 1.00 | 0.0025 |
| | | 13.1-15.0 SHEAR 60-70CA; 2% QV; str crb alt, vns; tr pyr+pyo | K574124 | 11.00 | 12.00 | 1.00 | 0.011 |
| | | 17.0-18.0 weakly developed shear zone; str crb alt, vns; mod to locally str fol 70-75CA | K574125 | 12.00 | 13.10 | 1.10 | 0.0025 |
| | | 23.9-28.6 str crb alt, vns; wk to locally mod fol ~70CA; 1% QV | K574126 | 13.10 | 14.00 | 0.90 | 0.013 |
| | | 28.6-29.4 wk to mod fol, transitional to shear zone below; tr pyo+pyr | K574127 | 14.00 | 15.00 | 1.00 | 0.008 |
| | | 29.4-33.45 SHEAR variable fol 50-90CA; str crb alt, vns; mod biotite alt; 5-10% QV; 1-2% pyo; <1% pyr; tr cpy | K574128 | 15.00 | 16.00 | 1.00 | 0.007 |
| | | 34.25-37.5 10-15% QV, 1-8cm thick, variable orientation (e.g., 50CA, 150CA, and ~subparallel to CA) | K574129 | 16.00 | 17.00 | 1.00 | 0.0025 |
| | | 39.4-41.05 SHEAR 70-80CA; mod crb alt, vns; 1-2% QV; <1% pyo; tr cpy+pyr | K574130 | 17.00 | 18.00 | 1.00 | 0.006 |
| | | 48.35-49.35 SHEAR 70-80CA; str crb alt, vns; <1% QV; tr pyo+cpy | K574131 | 18.00 | 19.50 | 1.50 | 0.015 |
| | | 53.25-54.0 weakly developed shear zone ~70CA; 1% QV; wk to mod crb alt, vns; tr pyo+cpy | K574132 | 19.50 | 21.00 | 1.50 | 0.016 |
| | | 54.0-62.0 weak fabric 60-90CA ?veining/dissolution lamellae | K574133 | 21.00 | 22.50 | 1.50 | 0.0025 |
| | | 62.0-63.1 SHEAR 60-65CA; str crb alt, vns; tr pyo+cpy | K574134 | 22.50 | 23.50 | 1.00 | 0.0025 |
| | | 66.15-67.15 weak shear zone 65-70CA; tr pyr+pyo | K574135 | 23.50 | 24.50 | 1.00 | 0.01 |
| | | 77.2-77.5 ?MAFIC DYKE, silicified; dark brownish-grey; fine-grained; appears to have sharp contacts but core is broken at both margins; ~1% pyr infilling hairline fractures and thin (<2mm) veins w/ calcite | K574136 | 24.50 | 25.50 | 1.00 | 0.01 |
| | | 78.4-80.3 SHEAR 70CA; str crb alt, vns; 5-10% QV; mod biotite alt; tr pyr+pyo; very irregular/wavy foliation where veins occur | K574138 | 25.50 | 26.50 | 1.00 | 0.011 |
| | | | K574139 | 26.50 | 27.50 | 1.00 | 0.0025 |
| | | 92.5-93.35 ?INTD/FD - strongly silicified ?diorite/qtz-diorite; purplish-grey spotted brown (biotite laths/slivers); siliceous, blurry/indistinct grain boundaries (except med-grained biotite crystals); str fol 30-60CA, angle increasing downhole; <1% pyr; <1% pyo; sharp but undulatory contacts; dyke is bleached at margins, ~5cm near UC and ~1cm at lower contact | K574140 | 27.50 | 28.50 | 1.00 | 0.02 |
| | | | K574141 | 28.50 | 29.50 | 1.00 | 0.044 |
| | | | K574142 | 29.50 | 30.50 | 1.00 | 0.605 |
| | | | K574143 | 30.50 | 31.50 | 1.00 | 1.71 |
| | | | K574145 | 31.50 | 32.50 | 1.00 | 2.08 |
| | | | K574146 | 32.50 | 33.50 | 1.00 | 1.08 |
| | | | K574147 | 33.50 | 34.50 | 1.00 | 0.009 |
| | | | K574148 | 34.50 | 35.50 | 1.00 | 0.005 |
| | | | K574149 | 35.50 | 36.50 | 1.00 | 0.008 |
| | | | K574150 | 36.50 | 37.50 | 1.00 | 0.006 |
| | | | K574151 | 37.50 | 38.50 | 1.00 | 0.007 |
| | | | K574152 | 38.50 | 39.40 | 0.90 | 0.006 |
| | | | K574153 | 39.40 | 40.20 | 0.80 | 0.009 |
| | | | K574154 | 40.20 | 41.05 | 0.85 | 0.089 |
| | | | K574156 | 41.05 | 42.50 | 1.45 | 0.005 |
| | | | K574157 | 42.50 | 43.50 | 1.00 | 0.008 |
| | | EOH 96m | | | | | |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574158 | 43.50 | 44.50 | 1.00 | 0.0025 |
| | | K574159 | 44.50 | 45.50 | 1.00 | 0.0025 |
| | | K574160 | 45.50 | 47.00 | 1.50 | 0.008 |
| | | K574161 | 47.00 | 48.35 | 1.35 | 0.0025 |
| | | K574162 | 48.35 | 49.35 | 1.00 | 0.0025 |
| | | K574163 | 49.35 | 50.35 | 1.00 | 0.0025 |
| | | K574164 | 50.35 | 51.35 | 1.00 | 0.007 |
| | | K574165 | 51.35 | 52.35 | 1.00 | 0.0025 |
| | | K574166 | 52.35 | 53.25 | 0.90 | 0.0025 |
| | | K574167 | 53.25 | 54.25 | 1.00 | 2.8 |
| | | K574168 | 54.25 | 55.75 | 1.50 | 0.009 |
| | | K574169 | 55.75 | 57.00 | 1.25 | 0.011 |
| | | K574170 | 57.00 | 58.00 | 1.00 | 0.009 |
| | | K574171 | 58.00 | 59.50 | 1.50 | 0.009 |
| | | K574172 | 59.50 | 61.00 | 1.50 | 0.014 |
| | | K574173 | 61.00 | 62.00 | 1.00 | 0.011 |
| | | K574174 | 62.00 | 63.10 | 1.10 | 0.013 |
| | | K574175 | 63.10 | 64.60 | 1.50 | 0.009 |
| | | K574177 | 64.60 | 66.15 | 1.55 | 0.007 |
| | | K574178 | 66.15 | 67.15 | 1.00 | 0.007 |
| | | K574179 | 67.15 | 68.15 | 1.00 | 0.006 |
| | | K574180 | 68.15 | 68.95 | 0.80 | 0.006 |
| | | K574181 | 68.95 | 69.45 | 0.50 | 0.0025 |
| | | K574182 | 69.45 | 70.50 | 1.05 | 0.007 |
| | | K574183 | 70.50 | 72.00 | 1.50 | 0.011 |
| | | K574184 | 72.00 | 73.50 | 1.50 | 0.007 |
| | | K574185 | 73.50 | 75.00 | 1.50 | 0.011 |
| | | K574186 | 75.00 | 76.00 | 1.00 | 0.012 |
| | | K574187 | 76.00 | 77.00 | 1.00 | 0.01 |
| | | K574189 | 77.00 | 77.50 | 0.50 | 0.005 |
| | | K574190 | 77.50 | 78.40 | 0.90 | 0.015 |
| | | K574191 | 78.40 | 79.40 | 1.00 | 0.02 |
| | | K574192 | 79.40 | 80.30 | 0.90 | 0.053 |
| | | K574193 | 80.30 | 81.30 | 1.00 | 0.007 |
| | | K574194 | 89.50 | 90.50 | 1.00 | 0.006 |
| | | K574195 | 90.50 | 91.50 | 1.00 | 0.013 |
| | | K574196 | 91.50 | 92.50 | 1.00 | 0.009 |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574197 | 92.50 | 93.35 | 0.85 | 0.0025 |
| | | K574198 | 93.35 | 94.50 | 1.15 | 0.007 |
| | | K574200 | 94.50 | 96.00 | 1.50 | 0.016 |

Drillhole Log

Units **Meters**

Manitou Gold Inc.

| | | | | | | | | | | |
|-------------------------|--|----------------------------|---------------------------|-------------------------|---------------------|-----------------------------|--------------------------|---------------------------------|------------------------------|--------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started | | |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 66.00 | 16/10/2011 | | |
| District | | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | | |
| Kenora | | 5467034 | 507733 | | | Hand-held GPS | | 16/10/2011 | | |
| Project | | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | | |
| Merrill | | 395.00 | 298.20 | | -45.60 | Downing Drilling | | 17/10/2011 | | |
| Area | | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | | |
| Lower Manitou Lake Area | | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | | |
| Zone/Prospect | | Assessment Rpt. No. | Core Storage | | Plug Depth | Makes Water | Capped | Environmental Inspection | | |
| | | | Barker Bay Resort | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Core Size (1) | | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor | Date Pulsed |
| (2) | | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Purpose | | | Results | | | Comments | | | | |
| | | | | | | 15 boxes NQ core | | | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 298.2 | | -45.6 | | <input checked="" type="checkbox"/> | Flexit | 58550 | Shawn |
| 51.00 | | | 300.9 | | -45.2 | | <input checked="" type="checkbox"/> | Flexit | 57570 | Michael |

| <i>Lithology</i> | | | | | | | <i>Au</i> | |
|------------------|-----------|-------|---|-------------|-----------|-------------|------------|--------|
| <i>From</i> | <i>To</i> | | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> | |
| 0.00 | - | 2.50 | OVB Overburden casing/stick-up/overburden | | | | | |
| 2.50 | - | 12.10 | MV Mafic Volcanic dark greenish-grey, silicified mafic metavolcanic flow; massive to weakly foliated in places; <1% scattered phenocrysts (feld, replacing ?px; anhedral to subhedral, 2mm to 1.5cm) in fg groundmass; 1-2% calcite veins; <1% QV; ~1% patchy alteration, epidote+crb+qtz with increased abundance of sulphides; tr to <1% pyo; tr cpy, pyr | K574401 | 2.50 | 3.50 | 1.00 | 0.0025 |
| | | | | K574402 | 3.50 | 4.50 | 1.00 | 0.0025 |
| | | | | K574403 | 4.50 | 5.50 | 1.00 | 0.0025 |
| | | | | K574404 | 5.50 | 6.50 | 1.00 | 0.0025 |
| | | | | K574405 | 6.50 | 7.50 | 1.00 | 0.0025 |
| | | | | K574406 | 7.50 | 8.50 | 1.00 | 0.0025 |
| | | | | K574407 | 8.50 | 9.50 | 1.00 | 0.0025 |
| | | | | K574408 | 9.50 | 10.10 | 0.60 | 0.009 |
| | | | | K574409 | 10.10 | 11.10 | 1.00 | 0.005 |
| | | | | K574411 | 11.10 | 12.10 | 1.00 | 0.0025 |
| 12.10 | - | 13.10 | QV Quartz Vein white, massive; sharp contact UC 35CA, LC 40CA; tr pyr in vein | K574412 | 12.10 | 13.10 | 1.00 | 0.0025 |
| 13.10 | - | 15.00 | MV Mafic Volcanic dark green, fine-grained, massive (as described above); wk to mod silicified | K574413 | 13.10 | 14.10 | 1.00 | 0.005 |
| | | | | K574414 | 14.10 | 15.10 | 1.00 | 0.0025 |

| Lithology | | | | | | Au | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 15.00 | - 22.90 | MVSH Mafic Volcanic - Weakly to Moderately Sheared dark green, fine-grained, chloritic; transitional between MV and chl schist; mod fol 60CA; 1-2% QV; 2-3% calcite veins; rare relict phenocrysts | K574415 | 15.10 | 16.60 | 1.50 | 0.0025 |
| | | | K574416 | 16.60 | 17.60 | 1.00 | 0.056 |
| | | 20.9-22.9 wk biotite alt; mod to str fol 70CA | K574417 | 17.60 | 18.90 | 1.30 | 0.007 |
| | | | K574418 | 18.90 | 19.90 | 1.00 | 0.0025 |
| | | | K574419 | 19.90 | 20.90 | 1.00 | 0.005 |
| | | | K574420 | 20.90 | 21.90 | 1.00 | 0.008 |
| | | | K574421 | 21.90 | 22.90 | 1.00 | 0.014 |
| 22.90 | - 24.70 | INTD Intermediate Dike INTD/?FD grey with brown and green flecks/slivers (bt+chl), locally spotted white (feld); fine- to med-grained; 40-50% biotite + chlorite (chl replacing amph?), 50-60% Qtz+feld; 2% QV; tr pyr + pyo (spatially associated with QV); mod to str fol 65CA; sharp contacts UC 70CA, LC 75CA | K574422 | 22.90 | 23.90 | 1.00 | 0.0025 |
| | | | K574423 | 23.90 | 24.70 | 0.80 | 0.023 |
| 24.70 | - 28.00 | MVSH Mafic Volcanic - Weakly to Moderately Sheared dark green; fine-grained, chloritic; mod fol 60-65CA; mod calcite alt, vns; <1% pyo, tr pyr | K574425 | 24.70 | 25.70 | 1.00 | 0.018 |
| | | 27.55-27.8 INTD/?FD as described above; sharp irregular contacts ~70CA | K574426 | 25.70 | 26.70 | 1.00 | 0.008 |
| | | gradational lower contact | K574427 | 26.70 | 27.50 | 0.80 | 0.015 |
| | | | K574428 | 27.50 | 28.00 | 0.50 | 0.006 |

| <i>Lithology</i> | | | | | <i>Au</i> | |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | | | | | |

Drillhole Log

Units Meters

Manitou Gold Inc.

| | | | | | | | | |
|-------------------------|----------------------------|---------------------------|-------------------------|----------------------|-----------------------------|---|--------------------------|---------------------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 96.00 | 17/10/2011 |
| District | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | |
| Kenora | 5467184 | 507687 | | | Hand-held GPS | | 17/10/2011 | |
| Project | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | |
| Merrill | 345.00 | 329.10 | | -47.10 | Downing Drilling | | 18/10/2011 | |
| Area | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | |
| Lower Manitou Lake Area | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | |
| Zone/Prospect | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection |
| | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Core Size (1) | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor |
| (2) | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | Date Pulsed |
| Purpose | | | Results | | | Comments | | |
| | | | | | | 22 boxes NQ core Box #5 (14.95-19.2m) was dropped during transport from the drill - core has been pieced back together but the order/depth of some core in this run is uncertain | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 329.1 | | -47.1 | | <input checked="" type="checkbox"/> | Flexit | 58110 | Shawn |
| 51.00 | | | 339 | | -47.1 | | <input checked="" type="checkbox"/> | Flexit | 57680 | Michael |
| 96.00 | | | 339.1 | | -47 | | <input checked="" type="checkbox"/> | Flexit | 57450 | Shawn |

| <i>Lithology</i> | | | | | | | | |
|------------------|-----------|-------|---|-------------|-----------|-------------|---------------|-------|
| <i>From</i> | <i>To</i> | | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>Au ppm</i> | |
| 0.00 | - | 2.60 | OVB Overburden casing/stick-up/overburden | | | | | |
| 2.60 | - | 15.50 | MV Mafic Volcanic dark greenish-grey mafic metavolcanic ?flow; med to coarse-grained amph-chl gneiss; <1% coarse-grained phenocrysts (5mm to 1.5cm, anhedral to subhedral, feld+?crb, probably pseudomorphed px); massive to very weak fol; tr QV; tr cal vns; tr sulphides (pyo, cpy) in veins; gradational lower contact | K574465 | 3.00 | 4.00 | 1.00 | 0.007 |
| | | | | K574466 | 4.00 | 5.00 | 1.00 | 0.019 |
| | | | | K574467 | 5.00 | 6.00 | 1.00 | 0.007 |
| | | | | K574468 | 14.50 | 15.50 | 1.00 | 0.009 |
| 15.50 | - | 24.50 | MVSH Mafic Volcanic - Weakly to Moderately Sheared SHEAR ZONE in MV 60-70CA; wk to mod biotite alt | K574469 | 15.50 | 16.50 | 1.00 | 0.012 |
| | | | 17.5-20.5 v wk fol, nearly massive | K574470 | 16.50 | 17.50 | 1.00 | 0.028 |
| | | | 20.5-23.3 mod to strongly silicified; fg; mod biotite alt; 1-2% pyr | K574471 | 17.50 | 18.50 | 1.00 | 0.007 |
| | | | 23.3-24.5 ~50% QV; mod to str biotite alt; ~1% pyr | K574472 | 18.50 | 19.50 | 1.00 | 0.008 |
| | | | | K574473 | 19.50 | 20.50 | 1.00 | 0.011 |
| | | | | K574474 | 20.50 | 21.50 | 1.00 | 0.46 |
| | | | | K574475 | 21.50 | 22.50 | 1.00 | 0.576 |
| | | | | K574476 | 22.50 | 23.50 | 1.00 | 1.28 |
| | | | | K574478 | 23.50 | 24.50 | 1.00 | 1.04 |

| Lithology | | | | | | Au | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 24.50 | - 45.60 | MV Mafic Volcanic | | | | | |
| | | dark green, fine-grained, massive mafic metavolcanic flow; 20-25% dm-scale shear zones with mod fol 55-70CA, mod biotite and mod/str carbonate alt; <1% pyr, <1% pyo, tr cpy (greater abundance of sulphides in massive areas than in shear zones, spatially associated with crb vns/alt) | K574479 | 24.50 | 25.50 | 1.00 | 0.0025 |
| | | | K574480 | 25.50 | 26.50 | 1.00 | 0.028 |
| | | | K574481 | 26.50 | 27.50 | 1.00 | 0.022 |
| | | | K574482 | 27.50 | 28.00 | 0.50 | 0.017 |
| | | 24.5-25.1 INTD, silicified - purplish-grey w/ green spots (chlorite clots, replacing amph??); med-grained but blurry grain boundaries; sharp contacts UC 70CA, LC 50CA | K574483 | 28.00 | 29.00 | 1.00 | 0.056 |
| | | 27.5-27.8 INTD, as above; diffuse contacts | K574484 | 29.00 | 30.00 | 1.00 | 0.005 |
| | | 34.6-34.75 INTD, as above; core broken at UC, sharp LC 60CA | K574486 | 30.00 | 31.00 | 1.00 | 0.052 |
| | | 37.8-39.1 INTD, as above; <1% pyr, <1% pyo, dissem; sharp UC 70CA, irregular LC 60CA | K574487 | 31.00 | 32.00 | 1.00 | 0.0025 |
| | | 39.6-41.2 INTD, as above; <1% pyr, <1% pyo, dissem; sharp UC 60CA, LC 70CA | K574488 | 32.00 | 33.00 | 1.00 | 0.009 |
| | | | K574489 | 33.00 | 34.00 | 1.00 | 0.01 |
| | | | K574490 | 34.00 | 35.00 | 1.00 | 0.005 |
| | | | K574491 | 35.00 | 36.00 | 1.00 | 0.029 |
| | | | K574492 | 36.00 | 37.00 | 1.00 | 0.048 |
| | | | K574493 | 37.00 | 37.80 | 0.80 | 0.088 |
| | | | K574494 | 37.80 | 38.50 | 0.70 | 0.0025 |
| | | | K574495 | 38.50 | 39.10 | 0.60 | 0.015 |
| | | | K574496 | 39.10 | 39.60 | 0.50 | 0.044 |
| | | | K574497 | 39.60 | 40.60 | 1.00 | 0.007 |
| | | | K574498 | 40.60 | 41.20 | 0.60 | 0.012 |
| | | | K574500 | 41.20 | 42.20 | 1.00 | 0.605 |
| | | | K574501 | 42.20 | 43.10 | 0.90 | 0.342 |
| | | | K574502 | 43.10 | 44.10 | 1.00 | 0.06 |
| | | | K574503 | 44.10 | 45.10 | 1.00 | 0.043 |
| | | | K574504 | 45.10 | 45.60 | 0.50 | 0.016 |

| Lithology | | | | | Au | | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 45.60 | - 64.90 | MVSH Mafic Volcanic - Weakly to Moderately Sheared green, med-grained amphibolite with mod to locally strong fol 60-70CA; 3-5% QV; locally mod to str biotite alteration | K574506 | 45.60 | 46.60 | 1.00 | 0.499 |
| | | | K574507 | 46.60 | 47.60 | 1.00 | 0.007 |
| | | 51.0-60.0 MINERALIZED SHEAR ZONE - mod to str BT; 10-15% QV; 1-2% pyr; tr pyo+cpy; | K574508 | 47.60 | 49.00 | 1.40 | 0.009 |
| | | 54.7-54.9 INTD; med-grained; qtz+feld w/ fg interstitial chlorite; massive; sharp UC 80CA, LC 60CA | K574509 | 49.00 | 50.00 | 1.00 | 0.005 |
| | | 55.8-56.75 INTD; as above but w/ reddish-brown tint; diffuse contacts | K574510 | 50.00 | 51.00 | 1.00 | 0.021 |
| | | | K574511 | 51.00 | 52.00 | 1.00 | 0.039 |
| | | | K574512 | 52.00 | 53.00 | 1.00 | 0.121 |
| | | | K574513 | 53.00 | 54.00 | 1.00 | 1.07 |
| | | | K574514 | 54.00 | 54.70 | 0.70 | 0.19 |
| | | | K574515 | 54.70 | 55.80 | 1.10 | 0.013 |
| | | | K574516 | 55.80 | 56.50 | 0.70 | 0.011 |
| | | | K574517 | 56.50 | 57.50 | 1.00 | 0.0025 |
| | | | K574518 | 57.50 | 58.50 | 1.00 | 0.03 |
| | | | K574519 | 58.50 | 59.50 | 1.00 | 0.0025 |
| | | | K574521 | 59.50 | 60.00 | 0.50 | 0.0025 |
| | | | K574522 | 60.00 | 61.00 | 1.00 | 0.0025 |
| | | | K574523 | 61.00 | 62.00 | 1.00 | 0.009 |
| | | | K574524 | 62.00 | 63.00 | 1.00 | 0.012 |
| | | | K574525 | 63.00 | 64.00 | 1.00 | 0.006 |
| | | | K574526 | 64.00 | 64.90 | 0.90 | 0.006 |
| 64.90 | - 66.10 | QV Quartz Vein white, massive; tr pyr; sharp but very irregular contacts (thus ~5% wall rock within the interval) | K574527 | 64.90 | 66.10 | 1.20 | 0.0025 |

Drillhole Log

Units **Meters**

Manitou Gold Inc.

| | | | | | | | | | | |
|-------------------------|--|----------------------------|---------------------------|-------------------------|---------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|--------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started | | |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 153.00 | 18/10/2011 | | |
| District | | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | | |
| Kenora | | 5467183 | 507687 | | | Hand-held GPS | | 19/10/2011 | | |
| Project | | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | | |
| Merrill | | 345.00 | 335.60 | | -70.10 | Downing Drilling | | 20/10/2011 | | |
| Area | | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | | |
| Lower Manitou Lake Area | | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | | |
| Zone/Prospect | | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection | |
| | | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Core Size (1) | | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor | Date Pulsed |
| (2) | | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Purpose | | | | Results | | | Comments | | | |
| | | | | | | | 36 boxes NQ core | | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 15.00 | | | 335.6 | | -70.1 | | <input checked="" type="checkbox"/> | Flexit | 56880 | Shawn |
| 51.00 | | | 331.1 | | -70.3 | | <input checked="" type="checkbox"/> | Flexit | 58370 | Michael |
| 102.00 | | | 337.8 | | -69.2 | | <input checked="" type="checkbox"/> | Flexit | 57850 | Michael |
| 153.00 | | | 335.3 | | -68.7 | | <input checked="" type="checkbox"/> | Flexit | 57880 | Shawn |

| Lithology | | | | | | | |
|------------------|-----------|--|-----------------|-------------|-----------|-------------|-------------------|
| From | To | | Sample # | From | To | Len. | Au ppm |
| 0.00 | - | 1.90 | | | | | |
| | | OVB Overburden | | | | | |
| | | casing/stick-up/overburden | | | | | |
| 1.90 | - | 14.50 | | | | | |
| | | MV Mafic Volcanic | | | | | |
| | | dark greyish-green mafic metavolcanic ?flow; med-grained amphibolite/amph-chl gneiss; <1% coarse-grained phenocrysts (4mm to 1.5cm, anhedral to subhedral, feld+?crb, probably pseudomorphed px); massive to weak fol; <1% QV; tr cal vns; tr sulphides (pyo, cpy) in veins; gradational lower contact | K574549 | 8.00 | 9.00 | 1.00 | 0.007 |
| | | | K574550 | 9.00 | 9.50 | 0.50 | 0.006 |
| | | | K574551 | 9.50 | 11.00 | 1.50 | 0.0025 |
| | | | K574552 | 11.00 | 12.50 | 1.50 | 0.005 |
| | | | K574553 | 12.50 | 13.50 | 1.00 | 0.0025 |
| | | | K574554 | 13.50 | 14.50 | 1.00 | 0.007 |
| 14.50 | - | 25.20 | | | | | |
| | | MVSH Mafic Volcanic - Weakly to Moderately Sheared | | | | | |
| | | as above (to 21.3m) but moderately foliated at 60CA | K574555 | 14.50 | 15.50 | 1.00 | 0.007 |
| | | | K574556 | 15.50 | 16.50 | 1.00 | 0.01 |
| | | 21.3-25.20 SHEAR ZONE str fol 55-70CA; ?altered INTD/FD in places?? 3% QV; 2-3% pyr | K574557 | 16.50 | 17.50 | 1.00 | 0.008 |
| | | 21.3-24.95 bt-ser-crb schist; abrupt contacts - different protolith? | K574558 | 17.50 | 18.50 | 1.00 | 0.006 |
| | | 24.95-25.2 mod fol+mineralized MV flow (as described below) | K574559 | 18.50 | 19.50 | 1.00 | 0.006 |
| | | | K574560 | 19.50 | 20.50 | 1.00 | 0.005 |
| | | | K574561 | 20.50 | 21.30 | 0.80 | 0.134 |
| | | | K574563 | 21.30 | 22.30 | 1.00 | 0.742 |
| | | | K574564 | 22.30 | 23.30 | 1.00 | 0.632 |
| | | | K574565 | 23.30 | 24.30 | 1.00 | 1.005 |
| | | | K574566 | 24.30 | 25.20 | 0.90 | 0.345 |

| Lithology | | | | | | Au | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 25.20 | - 40.00 | MV Mafic Volcanic dark green, fine-grained, massive metavolcanic flow; locally mod fol ~70CA (shear zones, <10% of unit); <1% QV; <1% pyr, tr to <1% pyo, tr cpy, dissemin small slivers + fine stringers; gradational lower contact 37.0-37.5 wk to mod fol 37.5-38.5 SHEAR 60-65CA; str crb; 37.75-37.85m INTD/?FD, contacts 60CA 38.5-40.0 dark green faintly speckled grey (feld), fine-grained, massive; silicified; ~1% pyr dissemin | K574567 | 25.20 | 26.20 | 1.00 | 0.008 |
| | | | K574568 | 26.20 | 27.20 | 1.00 | 0.023 |
| | | | K574569 | 27.20 | 28.20 | 1.00 | 0.012 |
| | | | K574570 | 28.20 | 29.20 | 1.00 | 0.025 |
| | | | K574571 | 29.20 | 30.20 | 1.00 | 0.006 |
| | | | K574573 | 30.20 | 31.20 | 1.00 | 0.0025 |
| | | | K574574 | 31.20 | 32.20 | 1.00 | 0.005 |
| | | | K574575 | 32.20 | 33.20 | 1.00 | 0.005 |
| | | | K574576 | 33.20 | 34.20 | 1.00 | 0.035 |
| | | | K574577 | 34.20 | 35.20 | 1.00 | 0.224 |
| | | | K574578 | 35.20 | 36.20 | 1.00 | 0.029 |
| | | | K574579 | 36.20 | 37.00 | 0.80 | 0.023 |
| | | | K574580 | 37.00 | 38.00 | 1.00 | 0.038 |
| | | | K574581 | 38.00 | 39.00 | 1.00 | 0.02 |
| | | | K574582 | 39.00 | 40.00 | 1.00 | 0.0025 |
| 40.00 | - 43.00 | INTD Intermediate Dike intermediate/?felsic dyke; grey spotted cream (feld, 5-10% med-grained subhedral laths in random orientation, overprinting fol in dyke - late/recrystallized feld?); mod to str fol 45-55CA; composition is approximately 25% biotite+chlorite (fg to mg, slivers and interstitial grains; chl after amph?), 65-70% qtz+feld (very blurry grain boundaries), <1% magnetite; tr to <1% pyr, dissemin; sharp contacts 60CA | K574583 | 40.00 | 41.00 | 1.00 | 0.0025 |
| | | | K574584 | 41.00 | 42.00 | 1.00 | 0.0025 |
| | | | K574585 | 42.00 | 43.00 | 1.00 | 0.0025 |
| 43.00 | - 43.70 | MVSH Mafic Volcanic - Weakly to Moderately Sheared foliation 50CA; mod to str crb alt; tr pyr | K574587 | 43.00 | 43.70 | 0.70 | 0.0025 |
| 43.70 | - 46.20 | INTD Intermediate Dike intermediate/?felsic dyke; grey, weakly spotted white; med-grained, inequigranular; ?25% feld (plag + ?Kfs), 25-30% biotite (+secondary chlorite), ?45-50% qtz, <1% pyr; blurry grain boundaries (secondary silicification?); composition based on abundances in localized less deformed sections; sharp UC 50CA, diffuse LC ~65CA | K574588 | 43.70 | 44.70 | 1.00 | 0.01 |
| | | | K574589 | 44.70 | 45.20 | 0.50 | 0.022 |
| | | | K574590 | 45.20 | 46.20 | 1.00 | 0.0025 |

| <i>Lithology</i> | | | | | | <i>Au</i> | |
|------------------|-----------|--|-------------|-----------|-------------|------------|-------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> | |
| 46.20 | - 50.00 | MV Mafic Volcanic | | | | | |
| | | dark green, fine-grained, massive metavolcanic flow (part of same flow as described above at 25.2m?); mod fol 60CA | | | | | |
| | | | K574591 | 46.20 | 47.20 | 1.00 | 0.017 |
| | | | K574592 | 47.20 | 48.20 | 1.00 | 0.155 |
| | | | K574593 | 48.20 | 49.20 | 1.00 | 0.042 |
| | | | K574594 | 49.20 | 50.20 | 1.00 | 0.173 |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|-----------------|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574633 | 89.00 | 90.00 | 1.00 | 0.041 |
| | | K574635 | 90.00 | 91.00 | 1.00 | 0.023 |
| | | K574636 | 91.00 | 92.00 | 1.00 | 0.011 |
| | | K574637 | 92.00 | 93.00 | 1.00 | 0.017 |
| | | K574638 | 93.00 | 94.00 | 1.00 | 0.007 |
| | | K574639 | 94.00 | 95.00 | 1.00 | 0.009 |
| | | K574640 | 95.00 | 96.00 | 1.00 | 0.007 |
| | | K574641 | 96.00 | 97.00 | 1.00 | 0.006 |
| | | K574642 | 97.00 | 98.00 | 1.00 | 0.01 |
| | | K574643 | 98.00 | 99.00 | 1.00 | 0.011 |
| | | K574644 | 99.00 | 100.50 | 1.50 | 0.011 |
| | | K574645 | 100.50 | 102.00 | 1.50 | 0.008 |
| | | K574646 | 102.00 | 103.25 | 1.25 | 0.007 |
| | | K574647 | 103.25 | 104.25 | 1.00 | 0.008 |
| | | K574648 | 104.25 | 105.00 | 0.75 | 0.005 |
| | | K574649 | 105.00 | 106.00 | 1.00 | 0.011 |
| | | K574650 | 106.00 | 107.00 | 1.00 | 0.011 |
| | | K574651 | 107.00 | 108.00 | 1.00 | 0.011 |
| | | K574652 | 116.00 | 117.00 | 1.00 | 0.01 |
| | | K574653 | 117.00 | 118.00 | 1.00 | 0.006 |
| | | K574654 | 118.00 | 119.00 | 1.00 | 0.011 |
| | | K574655 | 119.00 | 120.00 | 1.00 | 0.006 |
| | | K574656 | 120.00 | 121.00 | 1.00 | 0.015 |
| | | K574657 | 121.00 | 122.00 | 1.00 | 0.012 |
| | | K574658 | 122.00 | 123.00 | 1.00 | 0.01 |
| | | K574660 | 123.00 | 124.00 | 1.00 | 0.01 |
| | | K574661 | 124.00 | 125.00 | 1.00 | 0.014 |
| | | K574662 | 125.00 | 126.00 | 1.00 | 0.009 |
| | | K574663 | 126.00 | 127.00 | 1.00 | 0.009 |
| | | K574664 | 127.00 | 128.00 | 1.00 | 0.01 |
| | | K574665 | 128.00 | 129.50 | 1.50 | 0.012 |
| | | K574666 | 129.50 | 131.00 | 1.50 | 0.012 |
| | | K574667 | 131.00 | 132.50 | 1.50 | 0.014 |
| | | K574668 | 132.50 | 134.00 | 1.50 | 0.012 |
| | | K574669 | 134.00 | 135.00 | 1.00 | 0.014 |
| | | K574670 | 135.00 | 136.00 | 1.00 | 0.008 |
| | | K574671 | 136.00 | 137.00 | 1.00 | 0.007 |

| <i>Lithology</i> | | | | | | <i>Au</i> |
|------------------|-----------|--|-------------|-----------|-------------|------------|
| <i>From</i> | <i>To</i> | <i>Sample #</i> | <i>From</i> | <i>To</i> | <i>Len.</i> | <i>ppm</i> |
| | | K574672 | 137.00 | 138.00 | 1.00 | 0.013 |
| | | K574673 | 138.00 | 139.50 | 1.50 | 0.011 |
| | | K574674 | 139.50 | 140.75 | 1.25 | 0.01 |
| | | K574675 | 140.75 | 141.50 | 0.75 | 0.01 |
| | | K574676 | 141.50 | 142.50 | 1.00 | 0.0025 |
| | | K574677 | 142.50 | 143.50 | 1.00 | 0.011 |
| | | K574678 | 143.50 | 144.50 | 1.00 | 0.014 |
| | | K574679 | 144.50 | 146.00 | 1.50 | 0.012 |
| | | K574680 | 146.00 | 147.00 | 1.00 | 0.011 |
| 146.50 | - 153.00 | | | | | |
| | | MV Mafic Volcanic | | | | |
| | | dark greenish-grey mafic metavolcanic ?flow; med-grained amphibolite/amph-feld gneiss; <1% coarse-grained phenocrysts (5mm to 1.5cm, anhedral to subhedral, feld+?crb, probably pseudomorphed px); massive; mod to str chloritization; tr QV; tr cal vns; tr sulphides (pyo, cpy) in veins | | | | |
| | | EOH 153m | | | | |
| | | K574681 | 147.00 | 148.00 | 1.00 | 0.015 |
| | | K574682 | 148.00 | 149.50 | 1.50 | 0.007 |
| | | K574683 | 149.50 | 151.00 | 1.50 | 0.013 |
| | | K574684 | 151.00 | 152.00 | 1.00 | 0.014 |
| | | K574685 | 152.00 | 153.00 | 1.00 | 0.017 |

Drillhole Log

Units Meters

Manitou Gold Inc.

| | | | | | | | | |
|-------------------------|----------------------------|---------------------------|-------------------------|----------------------|-----------------------------|--------------------------|--------------------------|---------------------------------|
| Province/State | | Co-ordinate System | | Grid/Property | | Hole Type | Length | Date Started |
| Ontario | | UTM NAD83 Zone 15 | | | | Diamond Drillhole | 117.00 | 19/10/2011 |
| District | UTM North | UTM East | Local Grid E | Local Grid N | Collar Survey Method | | Date Completed | |
| Kenora | 5467017 | 507564 | | | Hand-held GPS | | 20/10/2011 | |
| Project | UTM Elevation | Azimuth Astro. (°) | Azimuth Grid (°) | Dip (°) | Drill Contractor | | Date Logged | |
| Merrill | 411.00 | 299.80 | | -46.20 | Downing Drilling | | 21/10/2011 | |
| Area | Claim No. | NTS Sheet | Supervised By | | Logged By | | Verified | |
| Lower Manitou Lake Area | 4252367 | | T. Keast | | L. Dolansky | | <input type="checkbox"/> | |
| Zone/Prospect | Assessment Rpt. No. | Core Storage | | | Plug Depth | Makes Water | Capped | Environmental Inspection |
| | | Barker Bay Resort | | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Core Size (1) | | Casing Pulled | Casing (1) | 1.50 | NW Steel | Plugged | Pulsed | Geophysics Contractor |
| (2) | | <input type="checkbox"/> | (2) | | | <input type="checkbox"/> | <input type="checkbox"/> | Date Pulsed |
| Purpose | | | Results | | | Comments | | |
| | | | | | | 27 boxes NQ core | | |

| Distance | Grid Azimuth (°) | | Astro. Azimuth (°) | | Dip (°) | | Use Test | Survey Method | Mag. Field (nT) | Comments |
|----------|------------------|-------|--------------------|-------|----------|-------|-------------------------------------|---------------|-----------------|----------|
| | Original | Final | Original | Final | Original | Final | | | | |
| 18.00 | | | 299.8 | | -46.2 | | <input checked="" type="checkbox"/> | Flexit | 56130 | Michael |
| 54.00 | | | 307.4 | | -46.5 | | <input checked="" type="checkbox"/> | Flexit | 57370 | Shawn |
| 102.00 | | | 315.4 | | -45.9 | | <input checked="" type="checkbox"/> | Flexit | 60590 | Shawn |

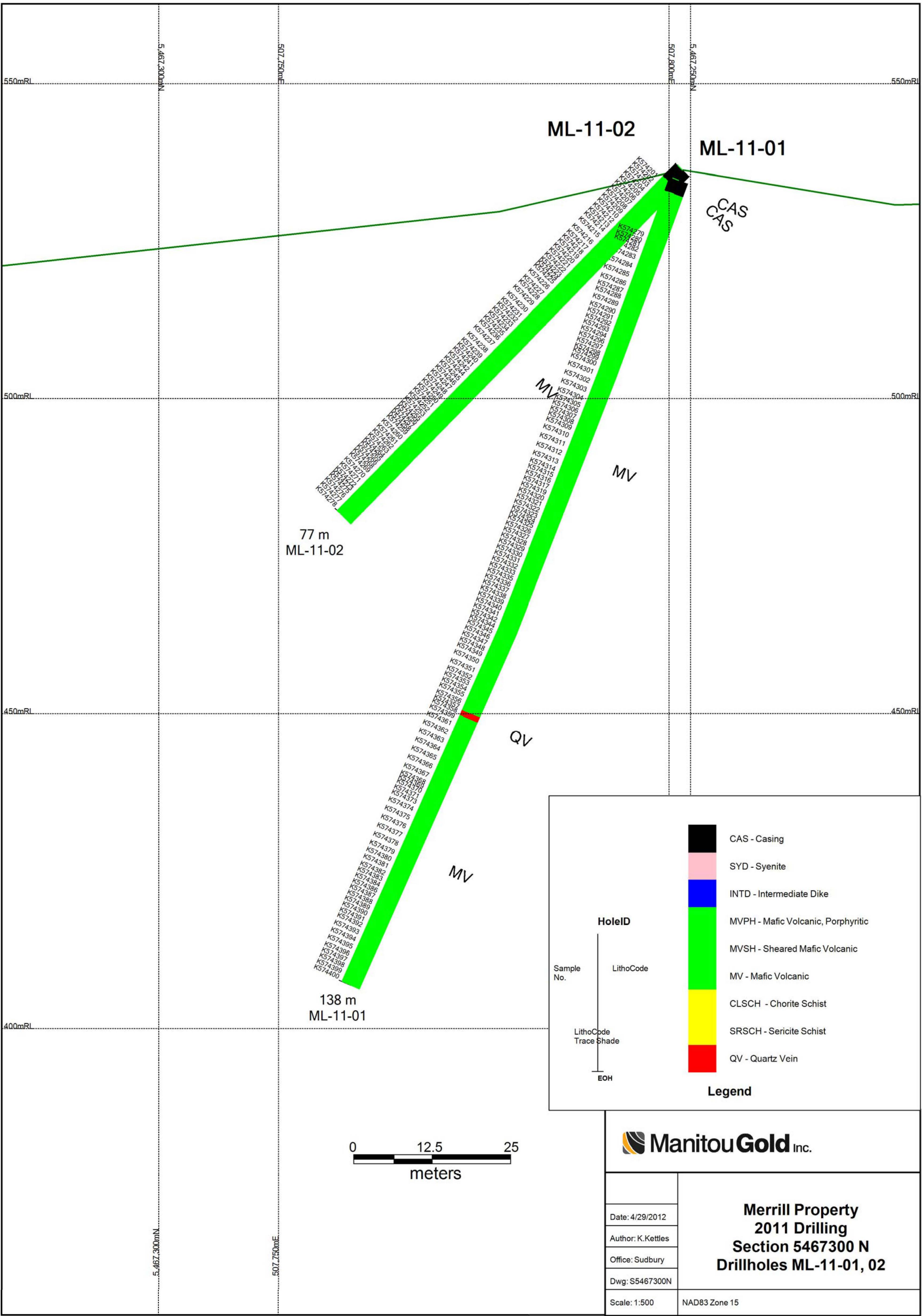
| Lithology | | | | | | | |
|------------------|-----------|--|-----------------|-------------|-----------|-------------|---------------|
| From | To | | Sample # | From | To | Len. | Au ppm |
| 0.00 | - | 3.00 | | | | | |
| | | OVB Overburden | | | | | |
| | | casing/stick-up/overburden | | | | | |
| 3.00 | - | 13.15 | | | | | |
| | | MV Mafic Volcanic | | | | | |
| | | dark greyish-green mafic metavolcanic flow; med-grained amphibolite/amph-chl gneiss; sparse <<1% coarse-grained phenocrysts (5mm to 1cm, anhedral to subhedral, feld+?crb, pseudomorphed px); massive to very weak fol; <1% QV; tr pyr | K574686 | 3.00 | 4.50 | 1.50 | 0.006 |
| | | | K574687 | 4.50 | 5.50 | 1.00 | 0.0025 |
| | | | K574688 | 5.50 | 6.50 | 1.00 | 0.0025 |
| | | 5.1-8.5 ~20% mafic dykes; dm-scale thickness; dark green, fine-grained; sharp contacts discernable in places | K574689 | 6.50 | 7.50 | 1.00 | 0.0025 |
| | | | K574690 | 7.50 | 8.50 | 1.00 | 0.0025 |
| | | 6.5-7.5 ?INTD dark brown, spotted white (rounded crb grains - replacing feld?); abundant biotite; med-grained; granular; mod to str calcite alt; tr pyr; str fol 80CA; diffuse contacts | K574691 | 8.50 | 9.50 | 1.00 | 0.006 |
| | | | K574692 | 9.50 | 11.00 | 1.50 | 0.007 |
| | | | K574693 | 11.00 | 12.00 | 1.00 | 0.005 |
| | | | K574694 | 12.00 | 13.00 | 1.00 | 0.009 |
| | | | K574695 | 13.00 | 14.00 | 1.00 | 0.191 |
| 13.15 | - | 27.55 | | | | | |
| | | MV Mafic Volcanic | | | | | |
| | | dark green mafic metavolcanic flow; <1% cg phenocrysts (feld+crb replacing ?px); vfg to fg chloritic matrix; massive to wk fol; mod crb alt; <1% QV; <1% pyr; tr pyo+cpy | K574697 | 14.00 | 15.00 | 1.00 | 0.086 |
| | | | K574698 | 15.00 | 15.50 | 0.50 | 0.239 |
| | | | K574699 | 15.50 | 16.50 | 1.00 | 0.182 |
| | | 13.15-16.4 SHEAR 80-90CA; mod BT alt; 5-10% QV; 1% pyr, tr to <1% pyo | K574700 | 16.50 | 17.50 | 1.00 | 0.017 |
| | | | K574701 | 17.50 | 18.50 | 1.00 | 0.0025 |
| | | 13.90-14.5 INTD dark grey spotted white; silicified | K574702 | 18.50 | 19.50 | 1.00 | 0.01 |
| | | | K574703 | 19.50 | 20.50 | 1.00 | 0.016 |
| | | | K574705 | 20.50 | 21.50 | 1.00 | 0.01 |
| | | | K574706 | 21.50 | 22.50 | 1.00 | 0.01 |
| | | | K574707 | 22.50 | 23.50 | 1.00 | 0.021 |
| | | | K574708 | 23.50 | 24.50 | 1.00 | 0.024 |
| | | | K574709 | 24.50 | 25.50 | 1.00 | 0.046 |
| | | | K574710 | 25.50 | 26.50 | 1.00 | 0.09 |
| | | | K574711 | 26.50 | 27.55 | 1.05 | 0.016 |

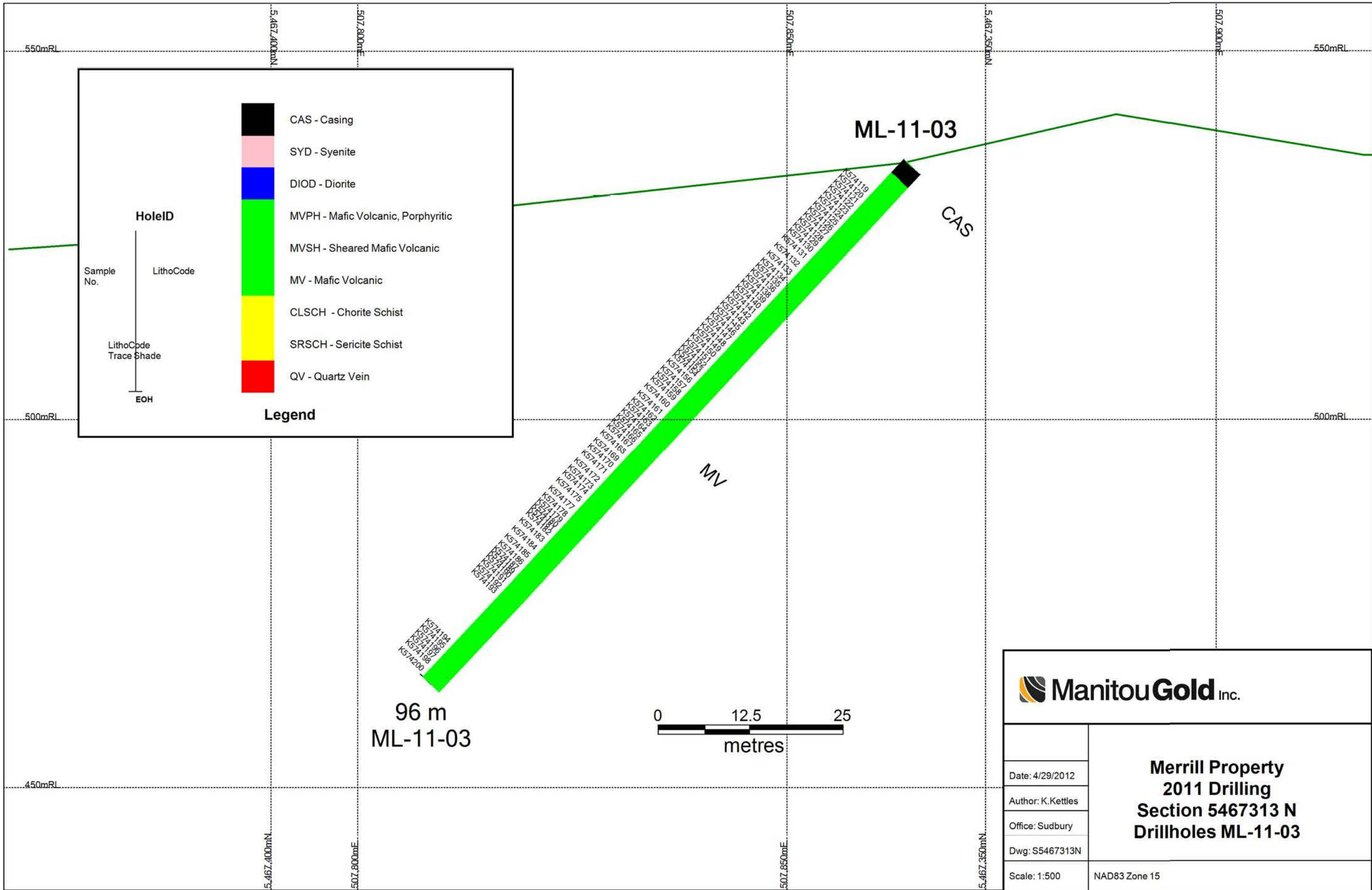
| Lithology | | | | | Au | | |
|------------------|-----------|--|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 27.55 | - 40.15 | INTD Intermediate Dike ~70% INTD/?FD, 20-25% shear zones (bt-crb schist) w/ 5-10% QV; dm- to m-scale dykes are grey, spotted light grey/white, med-grained, locally with salmon tint (Kfs alt?) around veins; <1 to 1% pyr; tr pyo+cpy | K574712 | 27.55 | 28.55 | 1.00 | 0.013 |
| | | | K574713 | 28.55 | 29.15 | 0.60 | 0.01 |
| | | | K574714 | 29.15 | 30.15 | 1.00 | 3.7 |
| | | | K574715 | 30.15 | 31.15 | 1.00 | 3.41 |
| | | | K574716 | 31.15 | 32.15 | 1.00 | 0.333 |
| | | | K574717 | 32.15 | 33.15 | 1.00 | 0.116 |
| | | | K574718 | 33.15 | 34.15 | 1.00 | 0.022 |
| | | | K574719 | 34.15 | 35.15 | 1.00 | 0.048 |
| | | | K574720 | 35.15 | 36.15 | 1.00 | 0.04 |
| | | | K574721 | 36.15 | 37.15 | 1.00 | 0.031 |
| | | | K574723 | 37.15 | 38.15 | 1.00 | 0.041 |
| | | | K574724 | 38.15 | 39.15 | 1.00 | 0.052 |
| | | | K574725 | 39.15 | 40.15 | 1.00 | 0.176 |
| 40.15 | - 43.10 | MVSH Mafic Volcanic - Weakly to Moderately Sheared weakly to locally moderately foliated MV | K574726 | 40.15 | 41.10 | 0.95 | 0.122 |
| | | | K574727 | 41.10 | 42.10 | 1.00 | 0.462 |
| | | | K574728 | 42.10 | 43.10 | 1.00 | 0.164 |

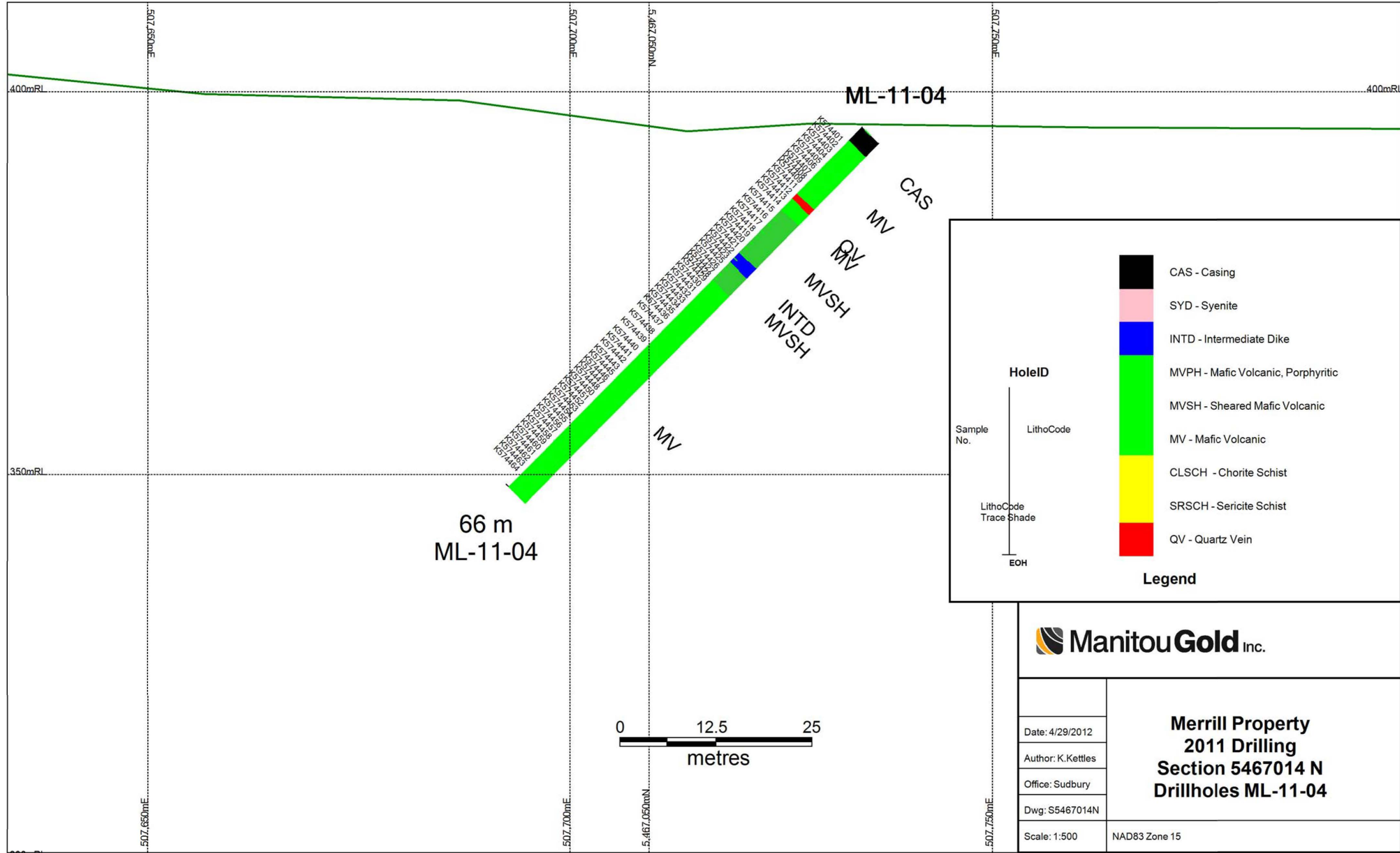
| Lithology | | | | | Au | | |
|------------------|-----------|---|-----------------|-------------|-----------|-------------|------------|
| From | To | | Sample # | From | To | Len. | ppm |
| 43.10 | - 59.30 | INTD Intermediate Dike grey, spotted light grey; med-grained; 75-80% qtz+feld, 20-25% biotite; massive to wk fol; <1% pyr dissemin; 1-2% blue qtz grains | K574729 | 43.10 | 44.20 | 1.10 | 0.029 |
| | | | K574730 | 44.20 | 45.20 | 1.00 | 2.03 |
| | | | K574731 | 45.20 | 46.20 | 1.00 | 5.65 |
| | | | K574732 | 46.20 | 47.20 | 1.00 | 0.19 |
| | | | K574733 | 47.20 | 48.20 | 1.00 | 0.015 |
| | | | K574735 | 48.20 | 49.20 | 1.00 | 0.093 |
| | | | K574736 | 49.20 | 50.20 | 1.00 | 0.012 |
| | | | K574737 | 50.20 | 51.20 | 1.00 | 0.0025 |
| | | | K574738 | 51.20 | 52.20 | 1.00 | 0.0025 |
| | | | K574739 | 52.20 | 53.20 | 1.00 | 0.006 |
| | | | K574740 | 53.20 | 54.20 | 1.00 | 0.0025 |
| | | | K574741 | 54.20 | 55.20 | 1.00 | 0.02 |
| | | | K574742 | 55.20 | 56.20 | 1.00 | 0.0025 |
| | | | K574743 | 56.20 | 57.20 | 1.00 | 0.019 |
| | | | K574745 | 57.20 | 58.20 | 1.00 | 0.007 |
| | | | K574746 | 58.20 | 59.30 | 1.10 | 0.026 |
| 59.30 | - 65.00 | MVSH Mafic Volcanic - Weakly to Moderately Sheared dark green; fine-grained; mod to str fol 70CA; <1% pyr; tr pyo+cpy 59.3-60.4 SHEAR 80-85CA; BT-CRB SCHIST, locally MV; 3% QV; 1-2% pyr 63.0-64.5 SHEAR 70-90CA; str BT alt; 15% QV; <1% pyr gradational lower contact | K574747 | 59.30 | 60.40 | 1.10 | 0.393 |
| | | | K574748 | 60.40 | 61.40 | 1.00 | 0.01 |
| | | | K574749 | 61.40 | 62.20 | 0.80 | 0.007 |
| | | | K574750 | 62.20 | 63.00 | 0.80 | 0.011 |
| | | | K574751 | 63.00 | 64.00 | 1.00 | 0.336 |
| | | | K574752 | 64.00 | 64.50 | 0.50 | 0.03 |
| | | | K574753 | 64.50 | 65.50 | 1.00 | 0.005 |

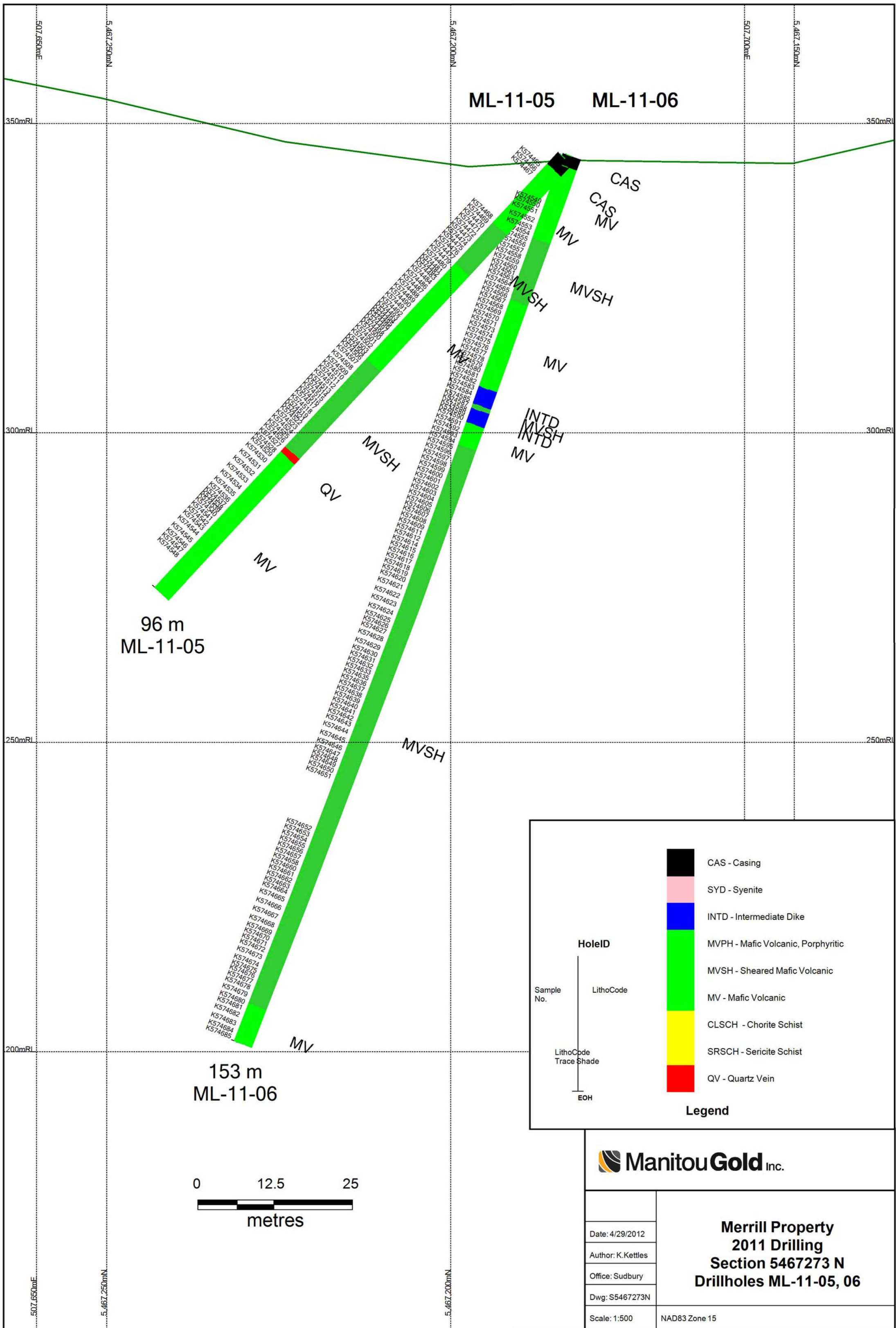
APPENDIX IV

Drill Sections









ML-11-05

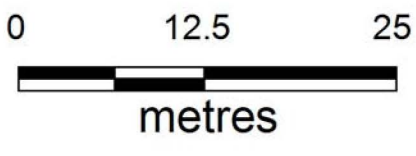
ML-11-06

96 m
ML-11-05

153 m
ML-11-06

- CAS - Casing
- SYD - Syenite
- INTD - Intermediate Dike
- MVPH - Mafic Volcanic, Porphyritic
- MVSH - Sheared Mafic Volcanic
- MV - Mafic Volcanic
- CLSCH - Chorite Schist
- SRSCH - Sericite Schist
- QV - Quartz Vein

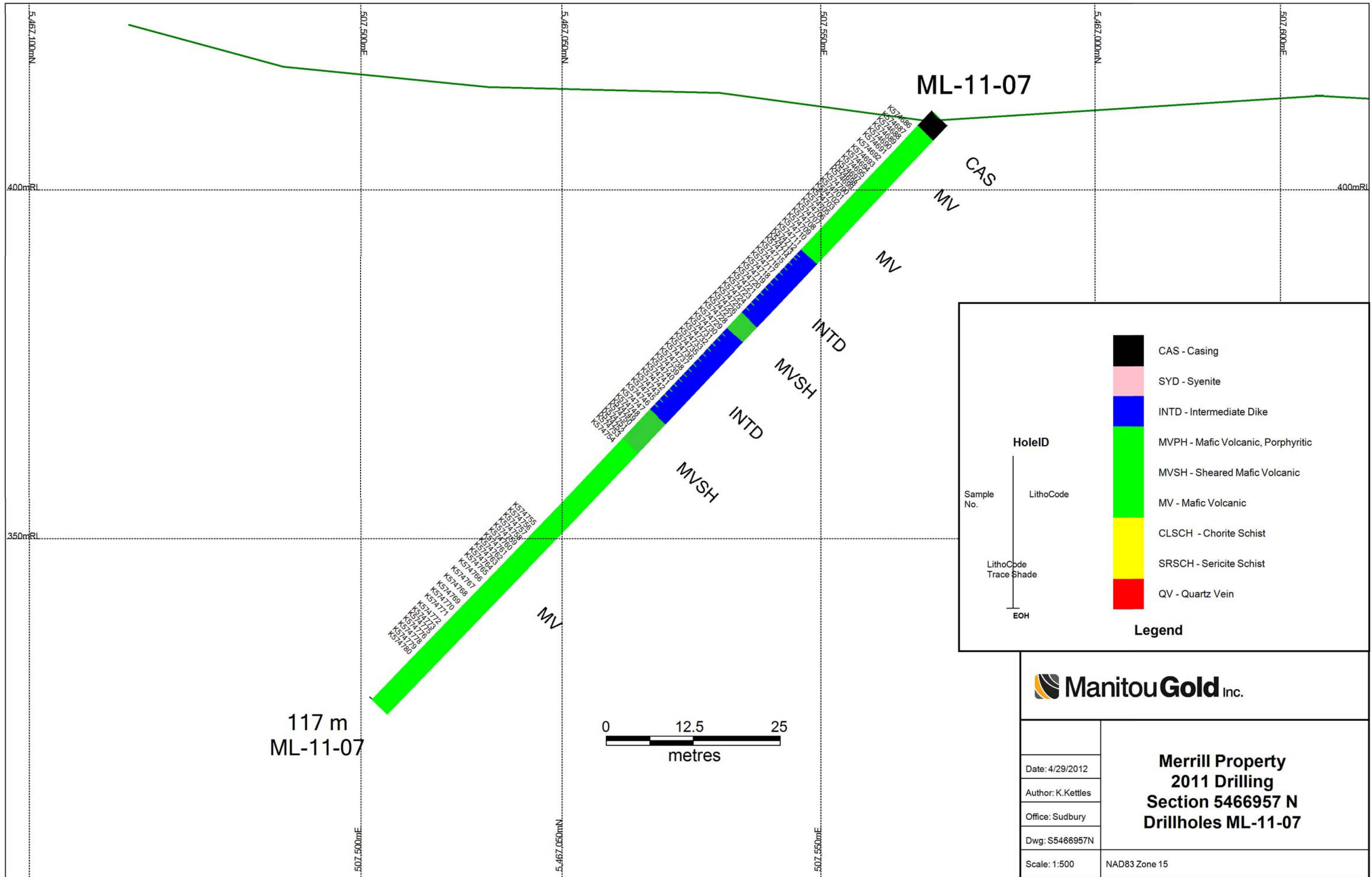
Legend



ManitouGold Inc.

Date: 4/29/2012
 Author: K.Kettles
 Office: Sudbury
 Dwg: S5467273N
 Scale: 1:500

**Merrill Property
 2011 Drilling
 Section 5467273 N
 Drillholes ML-11-05, 06**
 NAD83 Zone 15



APPENDIX V

Drill Core Assay Certificates



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

Page: 1
 Finalized Date: 5-NOV-2011
 Account: MANGOL

CERTIFICATE TB11213480

Project: WEST LIMB

P.O. No.:

This report is for 82 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: TAMARA TARAS
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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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

Page: 2 - A
 Total # Pages: 4 (A)
 Finalized Date: 5-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11213480

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574119 | | 2.49 | <0.005 |
| K574120 | | 2.52 | <0.005 |
| K574121 | | 2.30 | 0.014 |
| K574122 | | 2.27 | <0.005 |
| K574123 | | 2.60 | <0.005 |
| K574124 | | 2.34 | 0.011 |
| K574125 | | 2.83 | <0.005 |
| K574126 | | 1.98 | 0.013 |
| K574127 | | 2.45 | 0.008 |
| K574128 | | 2.49 | 0.007 |
| K574129 | | 2.51 | <0.005 |
| K574130 | | 2.52 | 0.006 |
| K574131 | | 3.81 | 0.015 |
| K574132 | | 3.56 | 0.016 |
| K574133 | | 3.68 | <0.005 |
| K574134 | | 2.59 | <0.005 |
| K574135 | | 2.64 | 0.010 |
| K574136 | | 2.54 | 0.010 |
| K574137 | | 0.05 | 0.761 |
| K574138 | | 2.41 | 0.011 |
| K574139 | | 2.45 | <0.005 |
| K574140 | | 2.40 | 0.020 |
| K574141 | | 1.86 | 0.044 |
| K574142 | | 2.40 | 0.605 |
| K574143 | | 2.30 | 1.710 |
| K574144 | | 1.49 | <0.005 |
| K574145 | | 2.39 | 2.08 |
| K574146 | | 2.26 | 1.080 |
| K574147 | | 2.42 | 0.009 |
| K574148 | | 2.42 | 0.005 |
| K574149 | | 2.57 | 0.008 |
| K574150 | | 2.48 | 0.006 |
| K574151 | | 2.49 | 0.007 |
| K574152 | | 2.33 | 0.006 |
| K574153 | | 1.88 | 0.009 |
| K574154 | | 2.41 | 0.089 |
| K574155 | | 0.04 | 2.37 |
| K574156 | | 3.72 | 0.005 |
| K574157 | | 2.55 | 0.008 |
| K574158 | | 2.46 | <0.005 |



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Page: 3 - A
 Total # Pages: 4 (A)
 Finalized Date: 5-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11213480

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574159 | | 2.49 | <0.005 |
| K574160 | | 3.78 | 0.008 |
| K574161 | | 3.56 | <0.005 |
| K574162 | | 2.56 | <0.005 |
| K574163 | | 2.41 | <0.005 |
| K574164 | | 2.43 | 0.007 |
| K574165 | | 2.36 | <0.005 |
| K574166 | | 2.38 | <0.005 |
| K574167 | | 2.55 | 2.80 |
| K574168 | | 3.86 | 0.009 |
| K574169 | | 2.96 | 0.011 |
| K574170 | | 2.60 | 0.009 |
| K574171 | | 3.68 | 0.009 |
| K574172 | | 3.87 | 0.014 |
| K574173 | | 2.49 | 0.011 |
| K574174 | | 2.73 | 0.013 |
| K574175 | | 3.79 | 0.009 |
| K574176 | | 1.42 | 0.007 |
| K574177 | | 3.98 | 0.007 |
| K574178 | | 2.51 | 0.007 |
| K574179 | | 2.69 | 0.006 |
| K574180 | | 2.21 | 0.006 |
| K574181 | | 1.17 | <0.005 |
| K574182 | | 2.59 | 0.007 |
| K574183 | | 3.71 | 0.011 |
| K574184 | | 3.73 | 0.007 |
| K574185 | | 3.69 | 0.011 |
| K574186 | | 2.45 | 0.012 |
| K574187 | | 2.64 | 0.010 |
| K574188 | | 0.05 | 2.40 |
| K574189 | | 1.10 | 0.005 |
| K574190 | | 2.05 | 0.015 |
| K574191 | | 2.46 | 0.020 |
| K574192 | | 2.06 | 0.053 |
| K574193 | | 2.59 | 0.007 |
| K574194 | | 2.48 | 0.006 |
| K574195 | | 2.49 | 0.013 |
| K574196 | | 2.39 | 0.009 |
| K574197 | | 1.74 | <0.005 |
| K574198 | | 2.89 | 0.007 |



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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 4 - A
Total # Pages: 4 (A)
Finalized Date: 5-NOV-2011
Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11213480

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| K574199 | | 1.02 | <0.005 |
| K574200 | | 3.71 | 0.016 |



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SUDBURY ON P3C 5S5

Page: 1
 Finalized Date: 16-NOV-2011
 Account: MANGOL

CERTIFICATE TB11224631

Project: WEST LIMB

P.O. No.:

This report is for 78 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: TAMARA TARAS
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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 2 - A
 Total # Pages: 3 (A)
 Finalized Date: 16-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224631

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574201 | | 2.36 | 0.006 |
| K574202 | | 2.55 | 0.005 |
| K574203 | | 2.28 | 0.008 |
| K574204 | | 2.55 | 0.007 |
| K574205 | | 2.41 | 0.006 |
| K574206 | | 2.47 | 0.011 |
| K574207 | | 2.46 | 0.013 |
| K574208 | | 2.58 | 0.013 |
| K574209 | | 2.49 | 0.010 |
| K574210 | | 2.50 | 0.010 |
| K574211 | | 0.05 | 0.759 |
| K574212 | | 2.44 | 0.009 |
| K574213 | | 2.09 | 0.024 |
| K574214 | | 2.56 | 0.014 |
| K574215 | | 3.62 | 0.009 |
| K574216 | | 3.49 | 0.006 |
| K574217 | | 2.62 | 0.012 |
| K574218 | | 2.49 | 0.011 |
| K574219 | | 2.40 | 0.009 |
| K574220 | | 2.32 | 0.009 |
| K574221 | | 2.33 | 0.011 |
| K574222 | | 2.39 | 0.011 |
| K574223 | | 2.28 | 0.013 |
| K574224 | | 1.37 | 0.027 |
| K574225 | | 2.46 | 0.006 |
| K574226 | | 3.66 | 0.007 |
| K574227 | | 2.39 | 0.007 |
| K574228 | | 2.54 | 0.012 |
| K574229 | | 3.75 | 0.010 |
| K574230 | | 3.86 | 0.006 |
| K574231 | | 2.41 | 0.010 |
| K574232 | | 2.38 | 0.008 |
| K574233 | | 2.58 | 0.008 |
| K574234 | | 2.44 | 0.008 |
| K574235 | | 2.46 | 0.007 |
| K574236 | | 2.53 | 0.009 |
| K574237 | | 3.75 | 0.007 |
| K574238 | | 3.79 | 0.010 |
| K574239 | | 2.24 | 0.013 |
| K574240 | | 2.19 | 0.155 |



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SUDBURY ON P3C 5S5

Page: 3 - A
 Total # Pages: 3 (A)
 Finalized Date: 16-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224631

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574241 | | 2.26 | 1.195 |
| K574242 | | 2.49 | 0.025 |
| K574243 | | 1.12 | <0.005 |
| K574244 | | 2.51 | 0.007 |
| K574245 | | 2.60 | 0.009 |
| K574246 | | 2.48 | 0.010 |
| K574247 | | 2.28 | 0.017 |
| K574248 | | 2.40 | 0.044 |
| K574249 | | 2.48 | 0.024 |
| K574250 | | 2.51 | 0.013 |
| K574251 | | 2.52 | 0.024 |
| K574252 | | 2.68 | 0.009 |
| K574253 | | 2.57 | 0.011 |
| K574254 | | 0.05 | 2.35 |
| K574255 | | 2.04 | 0.295 |
| K574256 | | 1.47 | 0.010 |
| K574257 | | 2.41 | 0.040 |
| K574258 | | 1.07 | 0.026 |
| K574259 | | 2.46 | 0.391 |
| K574260 | | 3.04 | 0.346 |
| K574261 | | 2.39 | 0.014 |
| K574262 | | 2.63 | 0.055 |
| K574263 | | 2.69 | 0.024 |
| K574264 | | 2.07 | 0.055 |
| K574265 | | 1.85 | 0.161 |
| K574266 | | 2.30 | <0.005 |
| K574267 | | 1.69 | 0.012 |
| K574268 | | 1.45 | <0.005 |
| K574269 | | 2.74 | 0.030 |
| K574270 | | 2.90 | <0.005 |
| K574271 | | 2.18 | 0.012 |
| K574272 | | 2.32 | <0.005 |
| K574273 | | 1.24 | 0.043 |
| K574274 | | 0.05 | 2.34 |
| K574275 | | 1.97 | 0.174 |
| K574276 | | 2.74 | 0.008 |
| K574277 | | 2.52 | 0.005 |
| K574278 | | 2.80 | 0.009 |



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 North Vancouver BC V7H 0A7
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To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 1
 Finalized Date: 17-NOV-2011
 Account: MANGOL

CERTIFICATE TB11224632

Project: WEST LIMB

P.O. No.:

This report is for 122 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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-GRA21 | Au 30g FA-GRAV finish | WST-SIM |
| Au-AA23 | Au 30g FA-AA finish | AAS |

To: **MANITOU GOLD INC**
ATTN: TAMARA TARAS
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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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

Page: 2 - A
 Total # Pages: 5 (A)
 Finalized Date: 17-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224632

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-GRA21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm |
| | | 0.02 | 0.05 | 0.005 |
| K574279 | | 2.53 | | <0.005 |
| K574280 | | 2.30 | | 0.007 |
| K574281 | | 1.35 | | 0.006 |
| K574282 | | 2.42 | | 0.007 |
| K574283 | | 3.71 | | 0.006 |
| K574284 | | 3.36 | | 0.008 |
| K574285 | | 3.75 | | 0.006 |
| K574286 | | 3.89 | | 0.008 |
| K574287 | | 2.65 | | <0.005 |
| K574288 | | 2.53 | | 0.009 |
| K574289 | | 3.81 | | 0.006 |
| K574290 | | 2.93 | | 0.005 |
| K574291 | | 2.56 | | 0.011 |
| K574292 | | 2.58 | | 0.007 |
| K574293 | | 2.26 | | 0.008 |
| K574294 | | 2.31 | | 0.007 |
| K574295 | | 0.05 | | 0.779 |
| K574296 | | 2.28 | | 0.016 |
| K574297 | | 2.30 | | 0.012 |
| K574298 | | 2.45 | | 0.116 |
| K574299 | | 1.14 | | 0.031 |
| K574300 | | 3.45 | | 0.011 |
| K574301 | | 3.69 | | 0.006 |
| K574302 | | 3.65 | | 0.010 |
| K574303 | | 3.71 | | <0.005 |
| K574304 | | 3.28 | | 0.006 |
| K574305 | | 2.44 | | 0.006 |
| K574306 | | 2.50 | | 0.008 |
| K574307 | | 2.35 | | 0.009 |
| K574308 | | 1.94 | | 0.014 |
| K574309 | | 2.75 | | 0.010 |
| K574310 | | 3.71 | | 0.008 |
| K574311 | | 3.60 | | 0.005 |
| K574312 | | 3.84 | | 0.008 |
| K574313 | | 3.58 | | 0.013 |
| K574314 | | 2.26 | | 0.014 |
| K574315 | | 2.30 | | 0.987 |
| K574316 | | 2.29 | | 5.93 |
| K574317 | | 2.39 | | 0.219 |
| K574318 | | 1.55 | | 0.011 |



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

Page: 3 - A
 Total # Pages: 5 (A)
 Finalized Date: 17-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224632

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-GRA21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm |
| | | 0.02 | 0.05 | 0.005 |
| K574319 | | 2.35 | | 0.010 |
| K574320 | | 2.48 | | 0.009 |
| K574321 | | 2.72 | | 0.005 |
| K574322 | | 2.55 | | 0.008 |
| K574323 | | 2.34 | | 0.011 |
| K574324 | | 1.65 | | 0.011 |
| K574325 | | 1.77 | | 1.715 |
| K574326 | | 2.31 | | 0.017 |
| K574327 | | 2.46 | | 0.010 |
| K574328 | | 2.66 | | <0.005 |
| K574329 | | 2.60 | | 0.010 |
| K574330 | | 2.30 | | 0.028 |
| K574331 | | 2.49 | | 0.028 |
| K574332 | | 2.42 | | 0.012 |
| K574333 | | 2.36 | | 0.015 |
| K574334 | | 0.08 | | 8.35 |
| K574335 | | 1.98 | | 3.61 |
| K574336 | | 2.42 | | 0.114 |
| K574337 | | 2.35 | | 1.240 |
| K574338 | | 2.54 | | 0.896 |
| K574339 | | 2.48 | | 0.243 |
| K574340 | | 2.53 | | 0.050 |
| K574341 | | 2.49 | 12.65 | >10.0 |
| K574342 | | 2.60 | | 3.81 |
| K574343 | | 1.32 | | 0.018 |
| K574344 | | 2.82 | | 0.066 |
| K574345 | | 2.65 | | 0.041 |
| K574346 | | 2.55 | | 0.977 |
| K574347 | | 2.33 | | 0.010 |
| K574348 | | 2.45 | | 0.670 |
| K574349 | | 2.46 | | 0.093 |
| K574350 | | 3.78 | | 0.006 |
| K574351 | | 3.80 | | 0.011 |
| K574352 | | 2.40 | | 0.011 |
| K574353 | | 2.25 | | 0.032 |
| K574354 | | 2.41 | | 0.011 |
| K574355 | | 2.44 | | 0.011 |
| K574356 | | 3.10 | | 0.013 |
| K574357 | | 1.25 | | 0.008 |
| K574358 | | 1.91 | | 0.121 |



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

Page: 4 - A
 Total # Pages: 5 (A)
 Finalized Date: 17-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224632

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-GRA21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm |
| | | 0.02 | 0.05 | 0.005 |
| K574359 | | 2.42 | | 0.014 |
| K574360 | | 1.08 | | <0.005 |
| K574361 | | 3.53 | | <0.005 |
| K574362 | | 3.51 | | 0.007 |
| K574363 | | 3.57 | | 0.009 |
| K574364 | | 3.90 | | 0.007 |
| K574365 | | 3.67 | | 0.009 |
| K574366 | | 3.56 | | 0.007 |
| K574367 | | 3.75 | | <0.005 |
| K574368 | | 2.31 | | 0.020 |
| K574369 | | 1.05 | | 0.030 |
| K574370 | | 2.28 | | 0.793 |
| K574371 | | 2.06 | | 0.397 |
| K574372 | | 0.08 | | 1.500 |
| K574373 | | 2.56 | | 0.006 |
| K574374 | | 3.56 | | 0.006 |
| K574375 | | 3.62 | | 0.077 |
| K574376 | | 3.43 | | 0.008 |
| K574377 | | 3.29 | | 0.017 |
| K574378 | | 3.68 | | 0.006 |
| K574379 | | 3.45 | | 0.007 |
| K574380 | | 2.63 | | 0.008 |
| K574381 | | 3.22 | | 0.010 |
| K574382 | | 2.55 | | 0.006 |
| K574383 | | 2.37 | | 0.009 |
| K574384 | | 2.27 | | <0.005 |
| K574385 | | 1.61 | | <0.005 |
| K574386 | | 2.33 | | <0.005 |
| K574387 | | 2.34 | | <0.005 |
| K574388 | | 2.28 | | 0.009 |
| K574389 | | 2.48 | | 0.009 |
| K574390 | | 2.21 | | 0.006 |
| K574391 | | 2.46 | | 0.005 |
| K574392 | | 2.47 | | <0.005 |
| K574393 | | 3.86 | | 0.009 |
| K574394 | | 2.65 | | <0.005 |
| K574395 | | 3.71 | | 0.005 |
| K574396 | | 2.53 | | 0.005 |
| K574397 | | 2.55 | | 0.010 |
| K574398 | | 2.58 | | 0.006 |



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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 5 - A
 Total # Pages: 5 (A)
 Finalized Date: 17-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224632

| Sample Description | Method Analyte Units LOR | WEI-21 | Au- GRA21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|-----------|
| | | Recvd Wt. kg | Au ppm | Au ppm |
| | | 0.02 | 0.05 | 0.005 |
| K574399 | | 2.43 | | 0.012 |
| K574400 | | 2.48 | | 0.006 |



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SUDBURY ON P3C 5S5

Page: 1
 Finalized Date: 20-NOV-2011
 Account: MANGOL

CERTIFICATE TB11224633

Project: WEST LIMB

P.O. No.:

This report is for 137 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: TAMARA TARAS
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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224633

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574549 | | 2.57 | 0.007 |
| K574550 | | 1.34 | 0.006 |
| K574551 | | 3.45 | <0.005 |
| K574552 | | 4.00 | 0.005 |
| K574553 | | 2.43 | <0.005 |
| K574554 | | 2.42 | 0.007 |
| K574555 | | 2.38 | 0.007 |
| K574556 | | 2.55 | 0.010 |
| K574557 | | 2.36 | 0.008 |
| K574558 | | 2.32 | 0.006 |
| K574559 | | 2.81 | 0.006 |
| K574560 | | 2.56 | 0.005 |
| K574561 | | 2.07 | 0.134 |
| K574562 | | 0.05 | 2.42 |
| K574563 | | 2.33 | 0.742 |
| K574564 | | 2.40 | 0.632 |
| K574565 | | 2.25 | 1.005 |
| K574566 | | 2.17 | 0.345 |
| K574567 | | 2.43 | 0.008 |
| K574568 | | 2.98 | 0.023 |
| K574569 | | 2.66 | 0.012 |
| K574570 | | 2.66 | 0.025 |
| K574571 | | 2.82 | 0.006 |
| K574572 | | 1.28 | <0.005 |
| K574573 | | 2.46 | <0.005 |
| K574574 | | 2.68 | 0.005 |
| K574575 | | 2.30 | 0.005 |
| K574576 | | 2.56 | 0.035 |
| K574577 | | 2.59 | 0.224 |
| K574578 | | 2.47 | 0.029 |
| K574579 | | 1.98 | 0.023 |
| K574580 | | 2.51 | 0.038 |
| K574581 | | 2.80 | 0.020 |
| K574582 | | 2.64 | <0.005 |
| K574583 | | 2.41 | <0.005 |
| K574584 | | 2.55 | <0.005 |
| K574585 | | 2.28 | <0.005 |
| K574586 | | 0.05 | 0.764 |
| K574587 | | 1.80 | <0.005 |
| K574588 | | 2.25 | 0.010 |



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 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224633

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574589 | | 1.13 | 0.022 |
| K574590 | | 2.48 | <0.005 |
| K574591 | | 2.35 | 0.017 |
| K574592 | | 2.34 | 0.155 |
| K574593 | | 2.58 | 0.042 |
| K574594 | | 2.56 | 0.173 |
| K574595 | | 2.34 | 0.024 |
| K574596 | | 2.60 | 0.011 |
| K574597 | | 2.46 | 0.014 |
| K574598 | | 2.25 | 0.009 |
| K574599 | | 2.45 | 0.007 |
| K574600 | | 2.48 | <0.005 |
| K574601 | | 2.38 | 0.009 |
| K574602 | | 2.44 | 0.005 |
| K574603 | | 2.28 | <0.005 |
| K574604 | | 2.51 | 0.062 |
| K574605 | | 2.39 | 0.220 |
| K574606 | | 1.85 | 0.023 |
| K574607 | | 2.36 | 0.008 |
| K574608 | | 2.40 | 0.026 |
| K574609 | | 2.38 | 0.013 |
| K574610 | | 1.52 | 0.019 |
| K574611 | | 2.28 | 0.028 |
| K574612 | | 2.32 | 0.005 |
| K574613 | | 0.05 | 2.23 |
| K574614 | | 2.54 | <0.005 |
| K574615 | | 2.50 | <0.005 |
| K574616 | | 2.38 | <0.005 |
| K574617 | | 2.28 | 0.007 |
| K574618 | | 2.37 | 0.006 |
| K574619 | | 2.35 | 0.005 |
| K574620 | | 2.55 | <0.005 |
| K574621 | | 3.76 | 0.005 |
| K574622 | | 3.67 | 0.008 |
| K574623 | | 3.57 | 0.010 |
| K574624 | | 3.72 | 0.010 |
| K574625 | | 2.51 | 0.011 |
| K574626 | | 2.40 | 0.012 |
| K574627 | | 2.54 | 0.011 |
| K574628 | | 3.82 | 0.010 |



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 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224633

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574629 | | 3.88 | 0.011 |
| K574630 | | 2.34 | 0.023 |
| K574631 | | 2.39 | 0.026 |
| K574632 | | 2.38 | 0.048 |
| K574633 | | 2.42 | 0.041 |
| K574634 | | 0.05 | 0.753 |
| K574635 | | 2.35 | 0.023 |
| K574636 | | 2.36 | 0.011 |
| K574637 | | 2.30 | 0.017 |
| K574638 | | 2.38 | 0.007 |
| K574639 | | 2.42 | 0.009 |
| K574640 | | 2.35 | 0.007 |
| K574641 | | 2.30 | 0.006 |
| K574642 | | 2.66 | 0.010 |
| K574643 | | 2.49 | 0.011 |
| K574644 | | 3.67 | 0.011 |
| K574645 | | 3.80 | 0.008 |
| K574646 | | 3.05 | 0.007 |
| K574647 | | 2.52 | 0.008 |
| K574648 | | 1.86 | 0.005 |
| K574649 | | 2.57 | 0.011 |
| K574650 | | 2.34 | 0.011 |
| K574651 | | 2.33 | 0.011 |
| K574652 | | 2.57 | 0.010 |
| K574653 | | 2.43 | 0.006 |
| K574654 | | 2.39 | 0.011 |
| K574655 | | 2.46 | 0.006 |
| K574656 | | 2.59 | 0.015 |
| K574657 | | 2.09 | 0.012 |
| K574658 | | 2.35 | 0.010 |
| K574659 | | 0.05 | 0.777 |
| K574660 | | 2.52 | 0.010 |
| K574661 | | 2.63 | 0.014 |
| K574662 | | 2.47 | 0.009 |
| K574663 | | 2.48 | 0.009 |
| K574664 | | 2.43 | 0.010 |
| K574665 | | 3.71 | 0.012 |
| K574666 | | 3.83 | 0.012 |
| K574667 | | 3.53 | 0.014 |
| K574668 | | 3.75 | 0.012 |



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Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224633

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574669 | | 2.28 | 0.014 |
| K574670 | | 2.32 | 0.008 |
| K574671 | | 2.46 | 0.007 |
| K574672 | | 2.45 | 0.013 |
| K574673 | | 3.64 | 0.011 |
| K574674 | | 2.91 | 0.010 |
| K574675 | | 1.74 | 0.010 |
| K574676 | | 2.39 | <0.005 |
| K574677 | | 2.51 | 0.011 |
| K574678 | | 2.49 | 0.014 |
| K574679 | | 3.78 | 0.012 |
| K574680 | | 2.47 | 0.011 |
| K574681 | | 2.54 | 0.015 |
| K574682 | | 3.68 | 0.007 |
| K574683 | | 3.71 | 0.013 |
| K574684 | | 2.44 | 0.014 |
| K574685 | | 2.37 | 0.017 |



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Page: 1
 Finalized Date: 20-NOV-2011
 Account: MANGOL

CERTIFICATE TB11224634

Project: WEST LIMB

P.O. No.:

This report is for 84 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-OCT-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: TAMARA TARAS
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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224634

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574465 | | 2.39 | 0.007 |
| K574466 | | 2.51 | 0.019 |
| K574467 | | 2.77 | 0.007 |
| K574468 | | 2.50 | 0.009 |
| K574469 | | 2.38 | 0.012 |
| K574470 | | 2.55 | 0.028 |
| K574471 | | 2.52 | 0.007 |
| K574472 | | 2.55 | 0.008 |
| K574473 | | 2.19 | 0.011 |
| K574474 | | 2.13 | 0.460 |
| K574475 | | 2.05 | 0.576 |
| K574476 | | 2.39 | 1.280 |
| K574477 | | 0.05 | 2.37 |
| K574478 | | 2.38 | 1.040 |
| K574479 | | 2.39 | <0.005 |
| K574480 | | 2.47 | 0.028 |
| K574481 | | 2.40 | 0.022 |
| K574482 | | 1.21 | 0.017 |
| K574483 | | 2.62 | 0.056 |
| K574484 | | 2.55 | 0.005 |
| K574485 | | 1.27 | <0.005 |
| K574486 | | 2.48 | 0.052 |
| K574487 | | 2.76 | <0.005 |
| K574488 | | 2.56 | 0.009 |
| K574489 | | 2.53 | 0.010 |
| K574490 | | 2.37 | 0.005 |
| K574491 | | 2.49 | 0.029 |
| K574492 | | 2.55 | 0.048 |
| K574493 | | 2.10 | 0.088 |
| K574494 | | 1.61 | <0.005 |
| K574495 | | 1.35 | 0.015 |
| K574496 | | 1.42 | 0.044 |
| K574497 | | 2.18 | 0.007 |
| K574498 | | 1.34 | 0.012 |
| K574499 | | 0.05 | 0.738 |
| K574500 | | 2.25 | 0.605 |
| K574501 | | 2.25 | 0.342 |
| K574502 | | 2.77 | 0.060 |
| K574503 | | 2.56 | 0.043 |
| K574504 | | 1.25 | 0.016 |



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

Page: 3 - A
 Total # Pages: 4 (A)
 Finalized Date: 20-NOV-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224634

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574505 | | 1.34 | <0.005 |
| K574506 | | 2.28 | 0.499 |
| K574507 | | 2.64 | 0.007 |
| K574508 | | 3.54 | 0.009 |
| K574509 | | 2.49 | 0.005 |
| K574510 | | 2.37 | 0.021 |
| K574511 | | 2.41 | 0.039 |
| K574512 | | 2.44 | 0.121 |
| K574513 | | 2.45 | 1.070 |
| K574514 | | 1.67 | 0.190 |
| K574515 | | 2.55 | 0.013 |
| K574516 | | 1.68 | 0.011 |
| K574517 | | 2.38 | <0.005 |
| K574518 | | 2.44 | 0.030 |
| K574519 | | 2.44 | <0.005 |
| K574520 | | 1.33 | <0.005 |
| K574521 | | 1.27 | <0.005 |
| K574522 | | 2.53 | <0.005 |
| K574523 | | 2.65 | 0.009 |
| K574524 | | 2.46 | 0.012 |
| K574525 | | 2.50 | 0.006 |
| K574526 | | 2.21 | 0.006 |
| K574527 | | 2.67 | <0.005 |
| K574528 | | 2.27 | <0.005 |
| K574529 | | 2.41 | 0.009 |
| K574530 | | 3.85 | 0.011 |
| K574531 | | 3.96 | 0.009 |
| K574532 | | 3.53 | 0.010 |
| K574533 | | 3.75 | 0.010 |
| K574534 | | 3.75 | 0.014 |
| K574535 | | 3.67 | 0.012 |
| K574536 | | 2.57 | 0.016 |
| K574537 | | 2.41 | 0.018 |
| K574538 | | 1.19 | 0.012 |
| K574539 | | 1.72 | 0.199 |
| K574540 | | 2.45 | 0.006 |
| K574541 | | 2.52 | 0.008 |
| K574542 | | 2.53 | 0.009 |
| K574543 | | 2.58 | <0.005 |
| K574544 | | 3.78 | 0.005 |



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SUDBURY ON P3C 5S5

Page: 4 - A
Total # Pages: 4 (A)
Finalized Date: 20-NOV-2011
Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11224634

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574545 | | 3.68 | 0.005 |
| K574546 | | 2.39 | <0.005 |
| K574547 | | 2.45 | <0.005 |
| K574548 | | 2.40 | <0.005 |



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

Page: 1
 Finalized Date: 11-DEC-2011
 Account: MANGOL

CERTIFICATE TB11233080

Project: WEST LIMB

P.O. No.:

This report is for 95 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-NOV-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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

Page: 2 - A
 Total # Pages: 4 (A)
 Finalized Date: 11-DEC-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11233080

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574686 | | 3.57 | 0.006 |
| K574687 | | 2.16 | <0.005 |
| K574688 | | 2.48 | <0.005 |
| K574689 | | 2.55 | <0.005 |
| K574690 | | 2.17 | <0.005 |
| K574691 | | 2.48 | 0.006 |
| K574692 | | 3.74 | 0.007 |
| K574693 | | 2.51 | 0.005 |
| K574694 | | 2.38 | 0.009 |
| K574695 | | 2.42 | 0.191 |
| K574696 | | 0.05 | 0.792 |
| K574697 | | 2.28 | 0.086 |
| K574698 | | 1.20 | 0.239 |
| K574699 | | 2.42 | 0.182 |
| K574700 | | 2.47 | 0.017 |
| K574701 | | 2.62 | <0.005 |
| K574702 | | 2.52 | 0.010 |
| K574703 | | 2.49 | 0.016 |
| K574704 | | 1.33 | <0.005 |
| K574705 | | 2.56 | 0.010 |
| K574706 | | 2.52 | 0.010 |
| K574707 | | 2.43 | 0.021 |
| K574708 | | 2.33 | 0.024 |
| K574709 | | 2.54 | 0.046 |
| K574710 | | 2.34 | 0.090 |
| K574711 | | 2.62 | 0.016 |
| K574712 | | 2.39 | 0.013 |
| K574713 | | 1.28 | 0.010 |
| K574714 | | 2.27 | 3.70 |
| K574715 | | 2.40 | 3.41 |
| K574716 | | 2.22 | 0.333 |
| K574717 | | 2.41 | 0.116 |
| K574718 | | 2.05 | 0.022 |
| K574719 | | 2.23 | 0.048 |
| K574720 | | 2.47 | 0.040 |
| K574721 | | 2.20 | 0.031 |
| K574722 | | 0.05 | 2.44 |
| K574723 | | 2.14 | 0.041 |
| K574724 | | 2.37 | 0.052 |
| K574725 | | 2.24 | 0.176 |



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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 3 - A
 Total # Pages: 4 (A)
 Finalized Date: 11-DEC-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11233080

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574726 | | 2.18 | 0.122 |
| K574727 | | 2.68 | 0.462 |
| K574728 | | 2.71 | 0.164 |
| K574729 | | 2.28 | 0.029 |
| K574730 | | 2.31 | 2.03 |
| K574731 | | 2.03 | 5.65 |
| K574732 | | 1.96 | 0.190 |
| K574733 | | 2.32 | 0.015 |
| K574734 | | 1.18 | 0.012 |
| K574735 | | 2.66 | 0.093 |
| K574736 | | 2.03 | 0.012 |
| K574737 | | 2.17 | <0.005 |
| K574738 | | 2.25 | <0.005 |
| K574739 | | 2.25 | 0.006 |
| K574740 | | 2.13 | <0.005 |
| K574741 | | 2.12 | 0.020 |
| K574742 | | 2.24 | <0.005 |
| K574743 | | 2.29 | 0.019 |
| K574744 | | 0.05 | 2.41 |
| K574745 | | 2.26 | 0.007 |
| K574746 | | 2.96 | 0.026 |
| K574747 | | 2.23 | 0.393 |
| K574748 | | 2.71 | 0.010 |
| K574749 | | 2.01 | 0.007 |
| K574750 | | 1.62 | 0.011 |
| K574751 | | 2.46 | 0.336 |
| K574752 | | 1.25 | 0.030 |
| K574753 | | 2.29 | 0.005 |
| K574754 | | 2.40 | 0.007 |
| K574755 | | 2.56 | 0.010 |
| K574756 | | 2.21 | 0.016 |
| K574757 | | 2.47 | 0.012 |
| K574758 | | 2.46 | 0.009 |
| K574759 | | 2.56 | 0.009 |
| K574760 | | 2.40 | 0.013 |
| K574761 | | 2.48 | 0.012 |
| K574762 | | 2.45 | 0.019 |
| K574763 | | 2.46 | 0.018 |
| K574764 | | 2.56 | 0.005 |
| K574765 | | 2.83 | 0.005 |



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SUDBURY ON P3C 5S5

Page: 4 - A
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 Finalized Date: 11-DEC-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11233080

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574766 | | 3.91 | <0.005 |
| K574767 | | 3.68 | 0.005 |
| K574768 | | 3.97 | <0.005 |
| K574769 | | 3.66 | 0.006 |
| K574770 | | 2.46 | <0.005 |
| K574771 | | 3.88 | 0.009 |
| K574772 | | 3.81 | 0.008 |
| K574773 | | 1.80 | 0.011 |
| K574774 | | 0.05 | 2.46 |
| K574775 | | 2.37 | 0.157 |
| K574776 | | 2.63 | 0.153 |
| K574777 | | 1.21 | <0.005 |
| K574778 | | 2.71 | 0.025 |
| K574779 | | 2.68 | 1.190 |
| K574780 | | 2.62 | <0.005 |



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

Page: 1
 Finalized Date: 11-DEC-2011
 Account: MANGOL

CERTIFICATE TB11233081

Project: WEST LIMB

P.O. No.:

This report is for 64 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 7-NOV-2011.

The following have access to data associated with this certificate:

TODD KEAST

NAAZNIN PASTAKIA

TAMARA TARAS

SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|--------------------------------|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| 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: *Nacera Amara*
 Nacera Amara, Laboratory Manager, Val d'Or



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101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 2 - A
 Total # Pages: 3 (A)
 Finalized Date: 11-DEC-2011
 Account: MANGOL

Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11233081

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574401 | | 2.63 | <0.005 |
| K574402 | | 2.76 | <0.005 |
| K574403 | | 2.72 | <0.005 |
| K574404 | | 2.31 | <0.005 |
| K574405 | | 2.54 | <0.005 |
| K574406 | | 2.65 | <0.005 |
| K574407 | | 2.50 | <0.005 |
| K574408 | | 1.55 | 0.009 |
| K574409 | | 2.53 | 0.005 |
| K574410 | | 1.18 | <0.005 |
| K574411 | | 2.46 | <0.005 |
| K574412 | | 2.19 | <0.005 |
| K574413 | | 2.50 | 0.005 |
| K574414 | | 3.26 | <0.005 |
| K574415 | | 2.59 | <0.005 |
| K574416 | | 2.51 | 0.056 |
| K574417 | | 3.35 | 0.007 |
| K574418 | | 2.48 | <0.005 |
| K574419 | | 2.48 | 0.005 |
| K574420 | | 2.73 | 0.008 |
| K574421 | | 2.42 | 0.014 |
| K574422 | | 2.15 | <0.005 |
| K574423 | | 1.86 | 0.023 |
| K574424 | | 0.05 | 2.53 |
| K574425 | | 2.42 | 0.018 |
| K574426 | | 2.50 | 0.008 |
| K574427 | | 1.91 | 0.015 |
| K574428 | | 1.10 | 0.006 |
| K574429 | | 2.51 | 0.009 |
| K574430 | | 2.60 | 0.008 |
| K574431 | | 2.58 | 0.005 |
| K574432 | | 2.52 | 0.007 |
| K574433 | | 2.46 | 0.014 |
| K574434 | | 2.54 | 0.018 |
| K574435 | | 2.44 | 0.008 |
| K574436 | | 2.37 | 0.006 |
| K574437 | | 3.64 | 0.005 |
| K574438 | | 3.95 | 0.006 |
| K574439 | | 3.68 | 0.008 |
| K574440 | | 3.83 | 0.012 |



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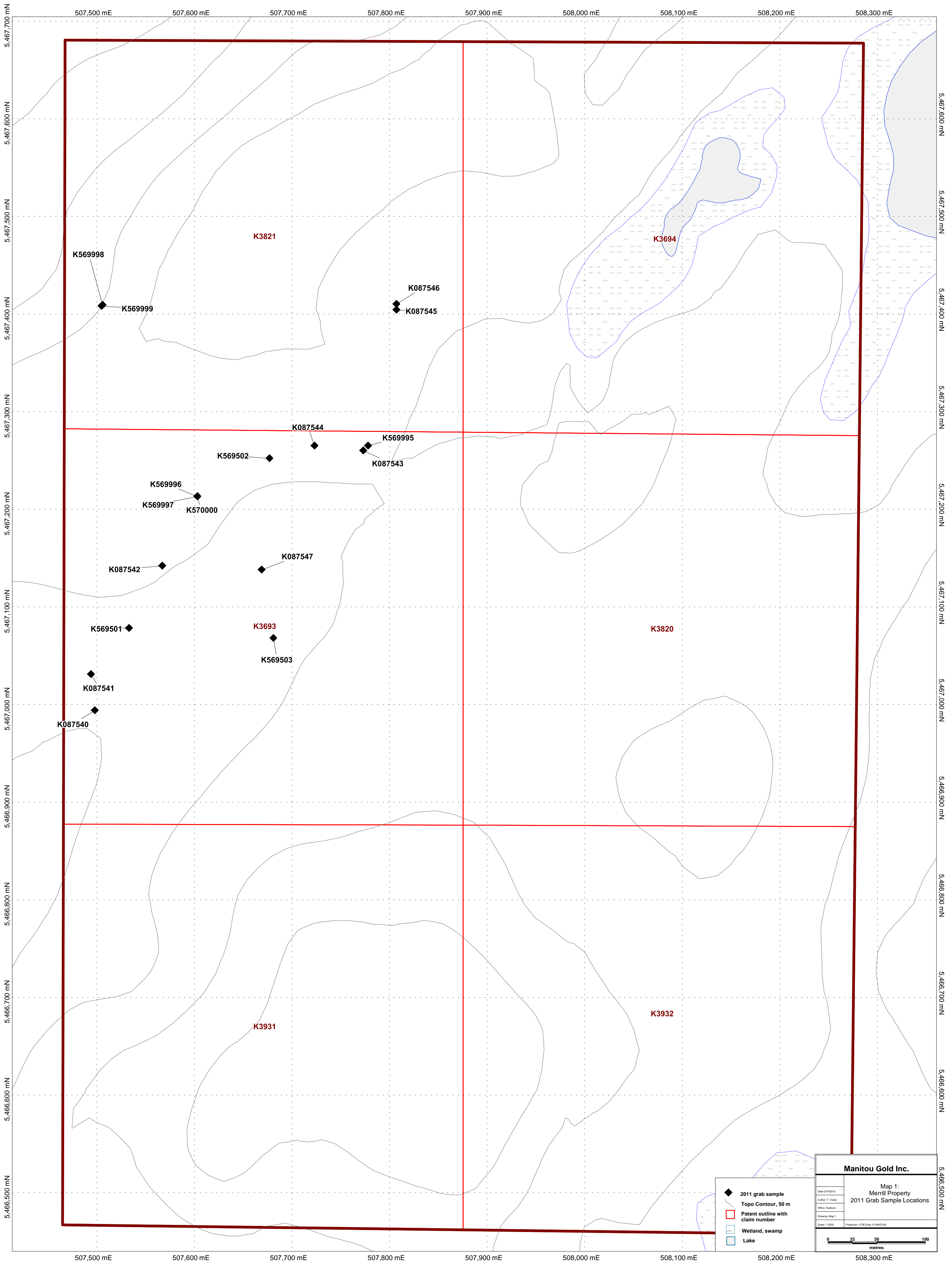
To: **MANITOU GOLD INC**
101-957 CAMBRIAN HEIGHTS DRIVE
SUDBURY ON P3C 5S5

Page: 3 - A
 Total # Pages: 3 (A)
 Finalized Date: 11-DEC-2011
 Account: MANGOL

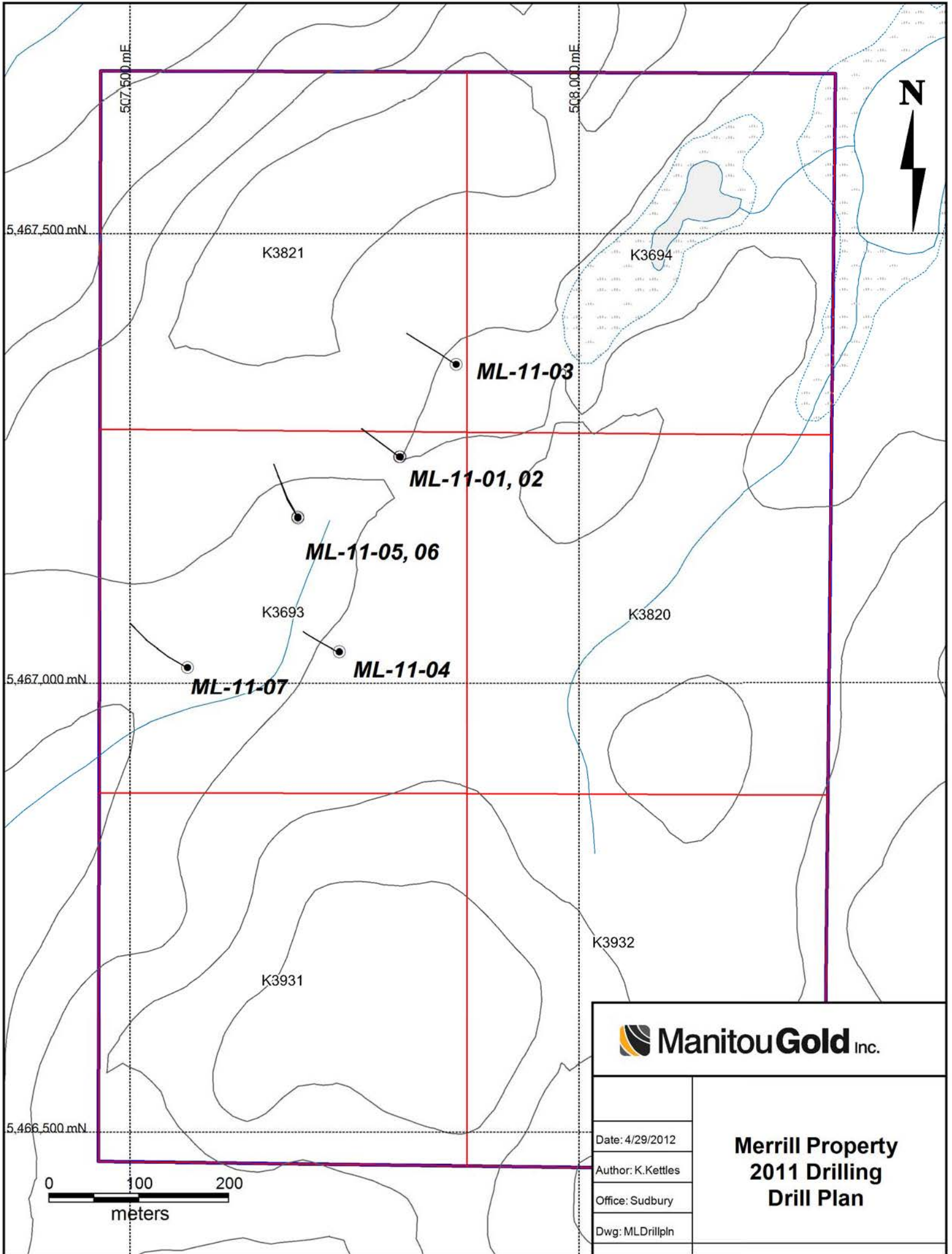
Project: WEST LIMB

CERTIFICATE OF ANALYSIS TB11233081

| Sample Description | Method Analyte Units LOR | WEI-21 | Au-AA23 |
|--------------------|-----------------------------------|-----------------|-----------|
| | | Recvd Wt. kg | Au ppm |
| | | 0.02 | 0.005 |
| K574441 | | 2.36 | 0.011 |
| K574442 | | 3.03 | 0.009 |
| K574443 | | 2.38 | 0.026 |
| K574444 | | 0.05 | 0.797 |
| K574445 | | 2.15 | 0.051 |
| K574446 | | 2.41 | 2.53 |
| K574447 | | 1.76 | 0.077 |
| K574448 | | 2.44 | 0.024 |
| K574449 | | 1.14 | <0.005 |
| K574450 | | 2.36 | 0.021 |
| K574451 | | 2.44 | 0.023 |
| K574452 | | 2.41 | 0.047 |
| K574453 | | 2.67 | 0.010 |
| K574454 | | 2.27 | 0.031 |
| K574455 | | 2.31 | 0.057 |
| K574456 | | 2.32 | 0.016 |
| K574457 | | 2.45 | 0.010 |
| K574458 | | 2.56 | 0.009 |
| K574459 | | 2.60 | 0.010 |
| K574460 | | 2.37 | 0.012 |
| K574461 | | 2.50 | 0.010 |
| K574462 | | 2.47 | 0.010 |
| K574463 | | 2.60 | 0.007 |
| K574464 | | 2.51 | 0.011 |



| | |
|--|----------------------------------|
| Manitou Gold Inc. | |
| Map 1: Merrill Property 2011 Grab Sample Locations | |
| Draw: 07142012 | Projection: UTM Zone 18 (NAD 83) |
| Author: T. Teas | |
| Office: Sudbury | |
| Drawing: Map 1 | |
| Scale: 1:2000 | |
| | |



K3821

K3694

ML-11-03

ML-11-01, 02

ML-11-05, 06

K3693

K3820

ML-11-04

ML-11-07

K3932

K3931

 **ManitouGold** Inc.

Date: 4/29/2012

Author: K.Kettles

Office: Sudbury

Dwg: MLDrillpln

**Merrill Property
2011 Drilling
Drill Plan**

0 100 200
meters