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REPORT ON THE VERNEUIL PROJECT EXPLORATION PROGRAM FALL 2012, VERNEUIL PROPERTY

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VERNEUIL PROPERTY

Lebel-sur–Quévillon Area

James Bay Municipality (North Abitibi Region)

Verneuil Township - N.T.S. 23F/02

REPORT ON THE
VERNEUIL PROJECT EXPLORATION PROGRAM
FALL 2012

Pierre Poisson, geologist
OGQ 1124
April 30th, 2013

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Figure 14: Toussaint Area –Drill Section L47+50E ..... Appendix 4

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SUMMARY

The Verneuil Project is located in the southern part of the James Bay Municipality, near the boundary of the Abitibi-Témiskamingue Region.

The Project consists of three contiguous properties (Verneuil West, Central and East) for a total of 51 claims.

Viking Gold Exploration Inc. owns 100% interest in the Verneuil East and West, and 70% in Verneuil Central. Golden Tag Resources Ltd. holds a 30% joint venture interest in Verneuil Central.

The Project is at a distance of 15 kilometres east of Lebel-sur-Quévillon and can be easily accessed by road. A power line and the CN Railroad are respectively at 1.8 kilometers and 3.3 kilometres west of the Project.

In October 2012, Viking Gold Exploration carried out a diamond drilling program over the Verneuil West Property.

The previous drilling programs mainly investigated the Toussaint Shear Zone over a strike length of 700 metres, from the main lens eastward, from L49+00E to L56+00E. Only one hole was drilled to the West (VP-93-18), to test the shear zone along line L48+00E.

The objective of the 2012 drilling program was to verify the continuity of the Toussaint Zone West of the main lens. A total of 1260 metres of drilling, distributed between 9 holes, were completed along 50 metre spaced sections, from L45+00E to L49+00E.

All of the holes intersected the Toussaint, which appears to be quite linear over a distance of 400 metres.

Within the core of the zone, the shearing and the alterations are well developed and significant amounts of sulfides are commonly observed, quite similarly as in the Toussaint Showing. Also, as observed to the East, several of the higher Au values are not restricted to core of the Toussaint Shear and may be located up to several metres outside the zone.

Although the rock facies of the western part of the Toussaint appears to be favorable, only few samples returned assays over 1 g/t Au. The most significant Au values from the Fall 2012 program are as follows:

- 1.210 g/t Au over 0.92m (VP-12-28)
- 1.095 g/t Au over 1.22m (VP-12-26)
- 1.045 g/t Au over 1.08m (VP-12-28)
- 0.996 g/t Au over 0.80m (VP-12-31)
- 0.957 g/t Au over 1.0m (VP-12-29)
- 0.935 g/t Au over 1.0m (VP-12-28)

- 0.822 g/t Au over 1.0m (VP-12-33)

On the Verneuil Project, outside the Toussaint Zone, several exploration targets and areas of interest remain to be explored.

The cluster of Au intersections at the **Toussaint East Zone** was expanded during the 2011 drilling program. Further drilling of the zone would allow to better define its shape, its orientation (or change in orientation), its extent and the distribution of the Au grades. Previous drilling at Toussaint East suggests possible deformations and a change in orientation of the Toussaint Zone.

The area North-East of the Toussaint East Zone, which includes Midrim and extends further to the NE, is characterized by a NW-SE deformation couloir ("Verneuil East Couloir") superimposed to the deformation and shear zones of the Toussaint Couloir. This area of interest is actually underexplored. The Verneuil East Couloir, which contains the Benoist, the T&M, the Morono and other mineralized occurences, could be associated with the deformation of the shear zone at the Toussaint Showing and the Toussaint East Zone.

Targets #2 and #3, defined by the 2011 Induced Polarization survey, remain to be verified.

Additional holes could be drilled in the Toussaint Main Lens to fill some gaps between the 50 metre spaced sections, to verify the continuity and grades of the wall rock mineralization and to better define the lateral extent of the lens along the lines L50+75E and L51+00E. Such drilling could help to consolidate the volume and grades of the Main Lens. Additional drilling is not expected to increase significantly the volume of the mineralized body, unless new contiguous lenses are intersected.

1.0 Introduction

This report is prepared for Viking Gold Exploration Inc., represented by Mark Edwards, president.

The coordinates of Viking Gold Exploration Inc. (TSX-V: VGC) are as follows:

2900, John Street, Suite 2B
Markham, Ontario
Canada, L3R 5G3

Tel: (905) 752-2008

Internet: www.vikinggold.ca

The present report covers the diamond drilling program carried out on the Verneuil Project in October 2012. The objective of the program, in the continuity of the Viking 2011 exploration works, was to further define the potential of the Toussaint Shear Zone.

The information and data in the report are primarily based on the field work, and observations and analysis on the drill core from the 2012 exploration program. In addition, historical pertinent information, such as drill logs and field location of some of the previous works, were used during the exploration and integrated to the recently acquired data.

The author was present at all times on the Verneuil Project.

For the program, the author was assisted by Chafik Bahloul, geologist, and Marcel Simoneau, technician. Benoît Boudreault supplied equipment, facilities and services during the entire program. The drill core was described and sampled by Chafik Bahloul in Dubuisson.

2.0 Reliance on Other Experts

Permit application for logging (drill sites and access roads), environment and administrative purposes, delivered by the Ministère des Richesses Naturelles et de la Faune, were prepared by Olivier Lemieux - GFE Services, from La Motte, Québec, based on information supplied by the author.

3.0 Property Description and Location

The Verneuil Project is located in the Verneuil Township, in the southern part of the James Bay Municipality, near the boundary with the Abitibi-Témiskamingue Region. The Project is covered by the N.T.S. map sheet 23 F /02 (Figures 1 and 2).

The Project consists of three contiguous properties (Verneuil West, Central and East) for a total of 51 claims and a global surface area of 1737 HA (Figure 3).

Viking Gold Exploration Inc. owns 100% interest in the Verneuil East and West, and 70% in Verneuil Central. Golden Tag Resources Ltd. holds a 30% joint venture interest in Verneuil Central.

Table 1, hereafter, gives a description of the three Properties and their respective claims, the surface area, the expiry dates and the percentage interest.

								% Ownership		
Property		Claim no	Lot	Range	Surface Area (HA)	Type	Expiry Date	Viking Gold Exploration	Golden Tag Resources	Record Name
VERNEUIL WEST	1	2197018	26	07	54.63	CDC	8/Oct/13	100		Viking
	2	2197015	26	06	32.88	CDC	8/Oct/13	100		Viking
	3	2197011	26	05	39.74	CDC	8/Oct/13	100		Viking
	4	2197012	27	05	4.30	CDC	8/Oct/13	100		Viking
	5	2197016	27	06	2.65	CDC	8/Oct/13	100		Viking
	6	2197009	24	05	56.45	CDC	8/Oct/13	100		Viking
	7	2197010	25	05	31.77	CDC	8/Oct/13	100		Viking
	8	2197013	25	06	30.48	CDC	8/Oct/13	100		Viking
	9	2197014	25	06	0.05	CDC	8/Oct/13	100		Viking
	10	2197017	25	07	52.44	CDC	8/Oct/13	100		Viking
	11	2367346	07	27	5.75	CDC	11/Jan/15	100		Viking
	12	2367347	04	27	1.41	CDC	11/Jan/15	100		Viking
	13	2367348	05	27	36.61	CDC	11/Jan/15	100		Viking
	14	2367349	06	27	37.53	CDC	11/Jan/15	100		Viking
	15	2367744	04	25	1.04	CDC	8/Jan/15	100		Viking
	16	2367745	05	25	24.68	CDC	8/Jan/15	100		Viking
	17	2367746	06	25	18.42	CDC	8/Jan/15	100		Viking
	18	2367747	04	26	0.05	CDC	8/Jan/15	100		Viking
	19	2367748	05	26	0.97	CDC	8/Jan/15	100		Viking
	20	2367749	06	26	0.31	CDC	8/Jan/15	100		Viking
TOTAL	20				432.16					
VERNEUIL CENTRAL	1	2367756	05	28	56.45	CDC	29/Nov/13	70	30	Viking
	2	2367757	05	29	56.45	CDC	29/Nov/13	70	30	Viking
	3	2367758	05	30	56.45	CDC	29/Nov/13	70	30	Viking
	4	2367759	06	28	56.44	CDC	29/Nov/13	70	30	Viking
	5	2367760	07	28	56.43	CDC	29/Nov/13	70	30	Viking
	6	2367761	07	29	56.43	CDC	29/Nov/13	70	30	Viking
	7	2367762	06	30	56.44	CDC	29/Nov/13	70	30	Viking
	8	2367763	06	29	56.44	CDC	29/Nov/13	70	30	Viking
	9	2367764	07	30	56.43	CDC	29/Nov/13	70	30	Viking
	10	2367765	07	27	50.68	CDC	29/Nov/13	70	30	Viking
	11	2367766	04	27	12.64	CDC	29/Nov/13	70	30	Viking
	12	2367767	05	27	9.50	CDC	29/Nov/13	70	30	Viking
	13	2367768	06	27	8.87	CDC	29/Nov/13	70	30	Viking
	14	2367769	04	28	27.36	CDC	29/Nov/13	70	30	Viking
	15	2367770	04	29	27.43	CDC	29/Nov/13	70	30	Viking
	16	2367771	04	30	27.56	CDC	29/Nov/13	70	30	Viking
	17	2367772	05	31	44.89	CDC	29/Nov/13	70	30	Viking
	18	2367773	06	31	55.14	CDC	29/Nov/13	70	30	Viking
	19	2367774	07	31	28.37	CDC	29/Nov/13	70	30	Viking
	20	2367775	04	31	12.89	CDC	29/Nov/13	70	30	Viking
	21	2367776	06	32	6.79	CDC	29/Nov/13	70	30	Viking
	22	2367777	05	32	56.44	CDC	29/Nov/13	70	30	Viking
TOTAL	22				876.52					
VERNEUIL EAST	1	2252212	31	05	11.56	CDC	29/Sep/14	100		Viking
	2	2252213	33	05	56.44	CDC	29/Sep/14	100		Viking
	3	2252214	33	06	56.44	CDC	29/Sep/14	100		Viking
	4	2252215	34	06	56.44	CDC	29/Sep/14	100		Viking
	5	2252216	32	07	56.43	CDC	29/Sep/14	100		Viking
	6	2252217	33	07	56.43	CDC	29/Sep/14	100		Viking
	7	2252218	34	07	56.43	CDC	29/Sep/14	100		Viking
	8	2252219	32	06	49.64	CDC	29/Sep/14	100		Viking
	9	2252220	31	07	28.06	CDC	29/Sep/14	100		Viking
TOTAL	9				427.87					
PROJECT TOTAL	51				1736.55					

Table 1: Verneuil Project Claims

Figure 1: General Location Map

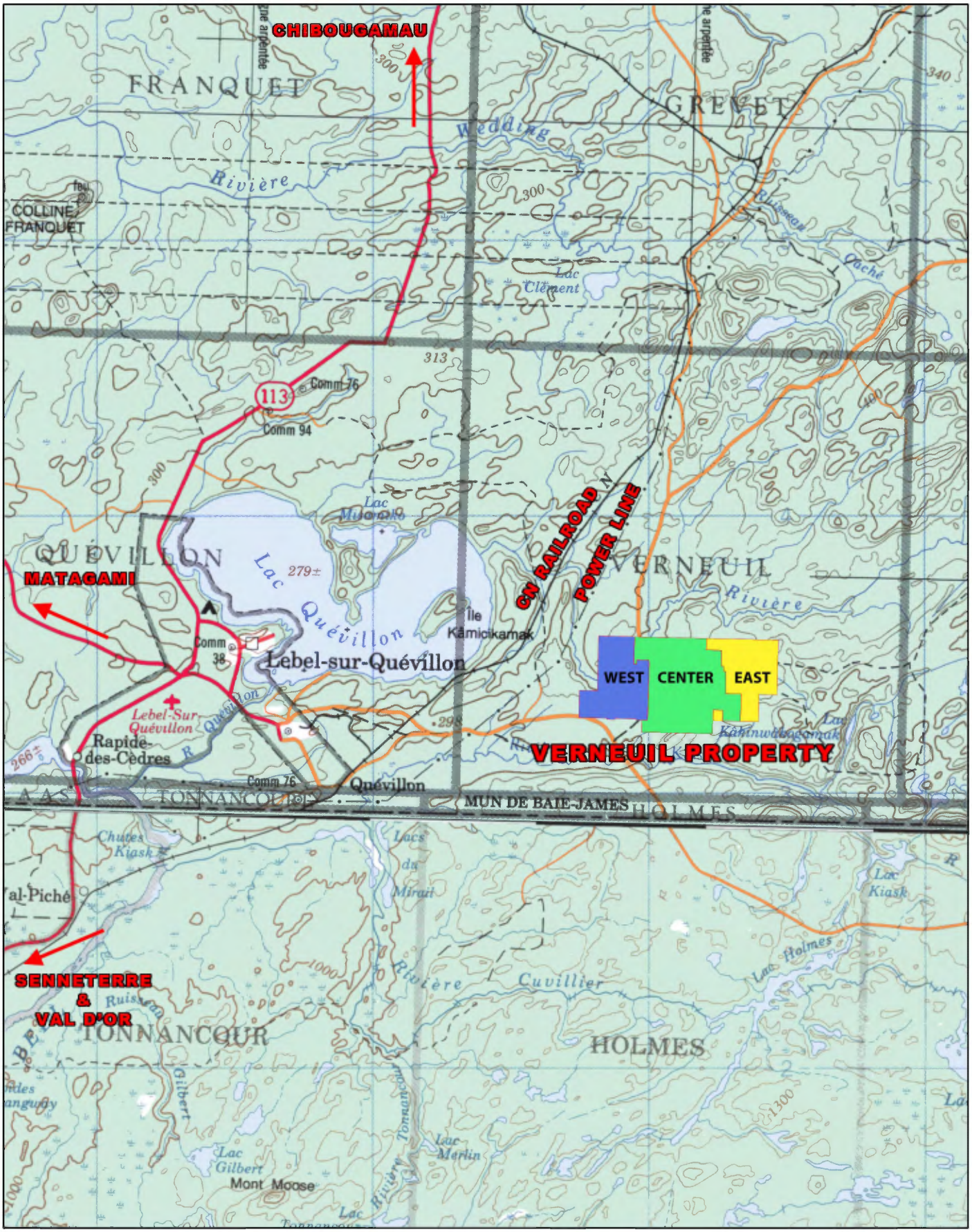

Figure 2: Lebel-sur-Quévillon Area

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4.0 Accessibility, Climate, Local Resources, Infrastructures and Physiography

The Verneuil Project is located at 15 kilometres east of Lebel-sur-Quévillon, and 210 kilometres northeast of Val-d'Or (Figures 1, 2 and 3).

The Project can be accessed through Road 1000, going east from Lebel-sur-Quévillon. This dirt road that crosses the Verneuil West Block is well maintained all year long and is used by heavy trailer trucks (logging), by local people, and to access the Nyrstar Mine. The principal logging road that crosses the West, Center and East claim blocks branches from Road 1000 at Kilometre 13.

Several secondary logging roads allow access to practically all parts of the project, although some of the smaller and older ones may be partly overgrown.

The topography of the Property ranges from 290 metres to 390 metres, for an average elevation of 325 metres. The terrain is generally flat to gently ondulated, with local moderate slopes reaching up to a few tens of metres in height. There are three dominant hills on the Property, in the southern part of the Center Block (360 metres elevation), near the Benoist and the T&M Showings (380 metres elevation), and in the southern part of the East Block (390 metres elevation).

There are several streams and beaver ponds on the Property. For drilling purposes, water supply was generally available within 1 to 1.5 kilometres.

Large portions of the Property were logged decades ago. Both the younger and older forests are dominantly composed of spruce, balsam, poplar, birch, larch and pine. Alders may be abundant near the streams, the ponds and some of the overgrown areas. Wood cutting permits are required for clearing the drill sites and access trails, and for trenching.

Water supply is available from two small rivers located near the Property. The Kiask River, that is flowing from east to west, passes one kilometre south of the claims, and the Wilson River, at approximately one kilometre north of the East Block, crosses the West Block.

Other infrastructures near the Property include a power line and the CN Railroad, respectively at at 1.8 kilometres and 3.3 kilometres west of the of the Property boundary. The CN Railroad crosses the Road 1000 at Kilometre 5.

The economic activities of Lebel-sur-Quévillon have been depressed since the closure of the Domtar Plant in 2005, the main employer in the area. The plant was sold in 2012 and should be re-activated.

The zinc-copper-silver Nyrstar Mine is located 50 kilometres north-east of Lebel-sur-Quévillon, at Kilometre 42 along the Road 1000. The mine employs 180 people.

Services to the mining and exploration industries are quite limited in Lebel-sur-Quévillon. However, extensive supplies and services are available in Val-d'Or, including assaying, drilling, and geophysics.

The Abitibi region is characterized by a continental climate, with cold and dry winters, and relatively hot and wet summers. Average temperature and precipitation per season are as follows (Val-d'Or Station):

	Spring	Summer	Fall	Winter
Temperature:	7.1°C	22.1°C	8.0°C	-9.0°C
Total Precipitations:	209mm	281mm	265mm	159mm

5.0 History

In the area of the Property, documented exploration work for gold began in the late 1940's with prospecting and trenching, followed by some drilling in the 1950's.

The original gold discovery by W. Cranston lead to the first exploration programs by Moneta Porcupine Mines and Roybar Uranium & Gold Mines in 1949. Exploration works, consisting of line cutting, prospecting, trenching and sampling, resulted in the finding of several mineralized occurences.

In 1956, Midrim Mining completed a 6 drill holes program over the ground previously covered by Moneta Porcupine Mines. In 1964, Société Gaspésie Mining conducted some basic surface prospecting NW of the Parnor Showing, in the NW part of the Verneuil Project.

From the late 1970's through the 1980's, exploration work resumed with ground and airborne geophysics, geological mapping, soil sampling and drilling. These programs did not return significant results.

From 1991 to 1995, extensive exploration was carried out by Freewest Resources and Golden Tag Resources, resulting in the discovery of several gold-bearing shear type structures. The exploration programs consisted of line cutting, prospecting for finding new and old showings, extensive stripping, trenching, sampling and mapping, ground geophysics (Mag, VLF and I.P.) and drilling. The results of the historical geophysical surveys were recompiled in the 2011 Viking Exploration report.

From the surface works, the gold-bearing structures were interpreted as shear zones within felsic to intermediate tuffs, near or at the contact with intermediate (diorite) to mafic (gabbro) intrusions.

From 10 holes intersecting the Toussaint Zone, drilled in 1993 and 1994, geological reserves were estimated at 187,706 t of material with an average grade of 7.1 g/t Au (reference: GM 52557).

From the Summer to the Winter 2011, Viking Gold Exploration carried an extensive exploration program which consisted of prospection, line cutting, Mag and I.P. surveys, stripping, channel sampling and diamond drilling.

The best results from all of the exploration programs were obtained from the six mineralized zones, as summarized in Table 2 – Summary of the Most Significant Results from Previous Exploration Programs.

Currently, the Toussaint Shear Zone is the structure that represents the most interest on the Verneuil Project.

Figure 4 summarizes the work and the results obtained over the Toussaint Zone, the location of the main showing and the trenches, as well as the drill holes completed until last year.

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6.0 Geological Setting

The geology of the region surrounding the Verneuil Project is illustrated in Figure 5, based on the interpretation from the Quebec Ministère des Richesses Naturelles et de la Faune (MRNF) geological map.

Figure 6 shows a more detailed interpretation of the Verneuil Project geology, as mapped in the 1990's by Freewest Resources.

The rocks of the Lebel-sur-Quévillon region are Archean, except for a few younger NE-SW Proterozoic diabase dykes.

The majority of the lithological units are composed of volcanites of the Quévillon Group, cut by felsic, intermediate and mafic intrusions.

The base of the Quévillon Group consists of massive, pillowed and brecciated tholeitic basalts. The Lebel Formation, a sub-division of the Quévillon Group, constitutes the summit; the Lebel Formation is made of prophyritic andesite that could be amygdaloidal and pillowed. The central part of the Quévillon contains units of basalt, andesite, rhyolite, intermediate tuff and felsic volcanics, whose stratigraphic order remains uncertain.

The volcanic sequence is cut by numerous intrusions of gabbroic to andesitic composition and, on occasion, by small quartz-feldspar porphyry (QFP) dykes.

The Wilson pluton is situated to the East of the Property. Its core is composed of tonalite, with a quartz-diorite marginal unit.

The Quéver pluton (formally known as Wilson pluton) is located immediately NW of the Property and covers part of the Verneuil West Block. It is composed of porphyritic quartz-monzodiorite and its diameter ranges from 3 to 5 kilometres. A metric dyke of similar composition was intersected in the Toussaint area (drill hole VP-11-16).

Surrounding these plutons, the volcanites and gabbro/diorite intrusions are metamorphosed to the amphibolite facies.

Basalt and andesite flows are commonly interlayered with tuffaceous units.

The basalts and andesites are observed as massive or pillowed flows, whose thickness can vary from approximately 1 metre to several 10's of metres. Pillowed, amygdaloidal and flow breccias facies were especially common in the NE area, while they were seen on occasion in the Toussaint area.

The composition of tuffaceaous units generally ranges from intermediate to mafic. Several facies are present, generally interlayered with each other: lapilli tuff, crystal tuff, ash tuff and cherty tuff. The finer grained facies may be thinly lamimated to bedded and, in some cases, could be mistaken for argilaceous sediments and siltstones.

A tuff facies that was frequently observed consists of argilaceous rock, dark grey to black, with a well developped cleavage similar to slate. Sulfides, disseminated and in the cleavage plane, are often present in this tuff facies, from traces up to a few percents.

Semi-massive to massive sulfides horizons, decimetres in thickness, with more or less cherty material, were observed on a few occasions in the Toussaint area and south of it, in drill hole VP-11-21.

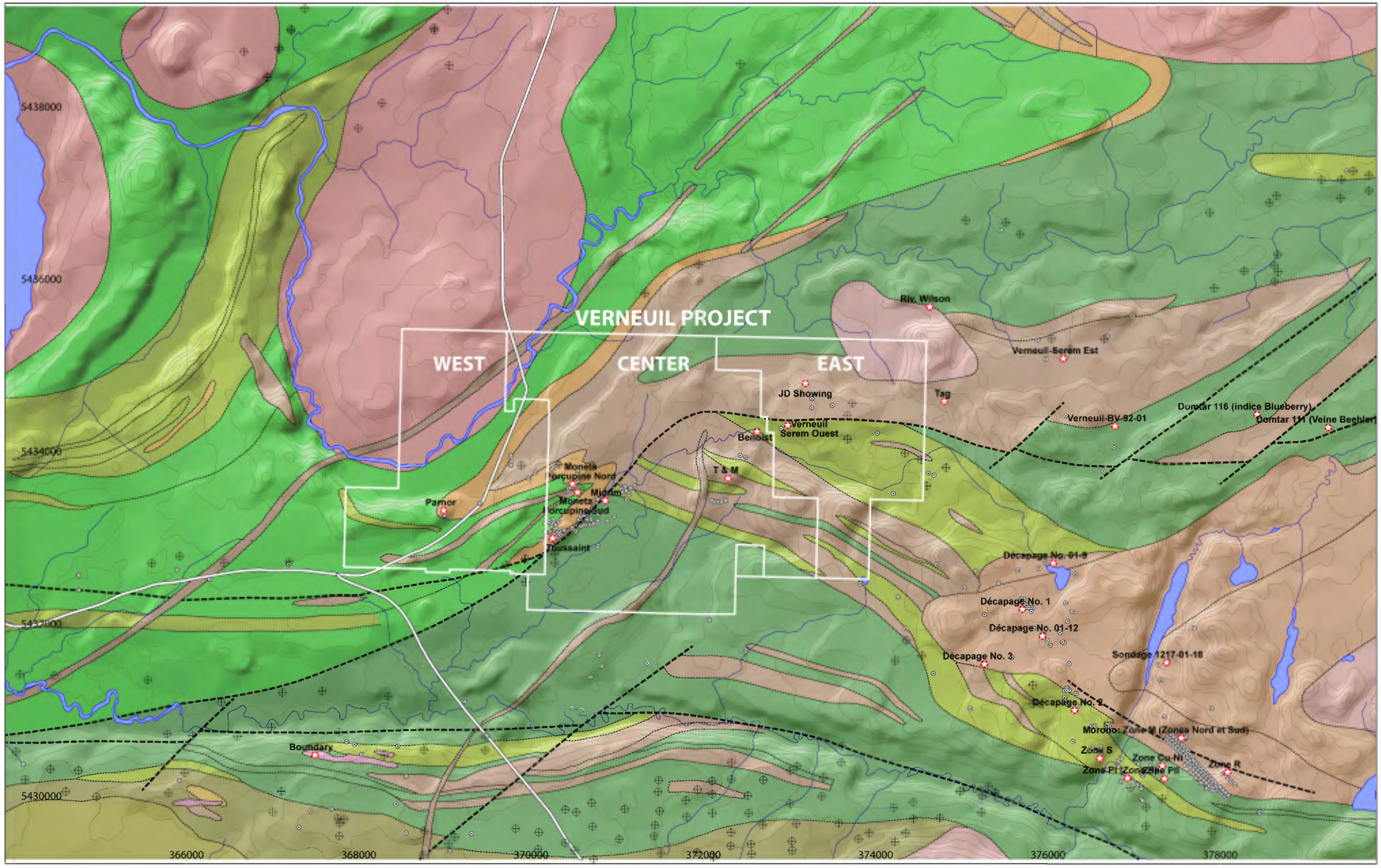
A metric dyke of monzonite was intersected in the Toussaint area, in the top part of drill hole VP-11-16.

The regional schistosity, oriented from EW to ESE-WNW, is related to the Kenoran orogeny.

An obvious change in structural trend occurs between the eastern and the western parts of the Property. This rather sharp flexure zone follows a NE-SW trending axis that passes just south-east of the Toussaint and the Midrim Zones. The orientation of the flexure zone, which may change to a fault, is thought to become EW to WNW in the north-eastern part of the Project. At a regional scale (MRNF), the flexure axis is interpreted as a faulted zone, called the "Toussaint Couloir". Locally, the I.P. survey suggests that the relatively sharp change in structural trend can correspond to both bending and faulting.

The Toussaint, Midrim and Moneta Porcupine zones, oriented NE-SW, are located on the west side of the flexure axis, while the Benoist, T & M and JD showings are trending W-NW to NW and located further east.

Considering the complexity of the geology and the relatively low density of outcrops over large portions of the Property, the magnetic and I.P. surveys constitute valuable tools for the interpretation of some of the structures and lithological units.

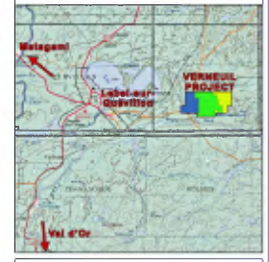


VERNEUIL PROJECT

LEGEND

- Diabase
- Felsic Intrusives
- Tonalite
- Quartz Monzodiorite
- Diorite, Quartz Diorite
- Gabbro
- Felsic Volcanics
- Felsic Tuffs
- Andesite
- Intermediate Tuffs (blocks, ashes)
- Basalt, Amphibolitized Basalt
- Tonalitic Gneiss
- Amphibolite
- Airborne EM Anomaly
- Diamond Drill Hole

Source of information: SIGEOM



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VERNEUIL PROJECT
FIGURE 5
REGIONAL GEOLOGY, SHOWINGS, DRILL HOLES, AIRBORNE EM ANOMALIES

UTM NAD83 - Zone 18U	N.T.S. 32F/02
Compilation & drawing by: P. Poisson	
MUROC Inc.	March 2013

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7.0 Mineralization and Deposit Types

More than 20 showings are known in the region surrounding the Verneuil Project, the majority of which are related to gold as primary substance, or as secondary substance with Cu and/or Ag as primary.

Most of these mineralized occurences, including the showings on the Property, are related to shearing and/or fracturation, quartz and quartz-carbonates veining, various degrees of alteration (silicification, carbonatization, sericitization, chloritization), and some amounts of sulfides. The mineralization can be hosted in different rock types.

Reserves have been estimated for two of the mineralized occurences: the Toussaint, and the Morono located approximately 7.5 kilometres to the SE (see Figure 5).

Similar to the Toussaint, the Morono zone is related to quartz and quartz-carbonates veining, with some sulfides, in a shear zone. At Morono, reserves have been estimated for 3 zones: Zone no 1: 360,008 probable tons at 3.22g/t Au; Zone no 2: 96,224 probable tons at 3.84g/t Au; Zone no 3: 59,990 probable tons at 8.40g/t Au. The Morono zone is trending NW-SE.

Syngenetic sulfides, mainly pyrite and pyrrhotite, were observed at different places on the Property. Sulfides, disseminated in the rock and filling vacuoles, are present over large widths in the NE part of the Project (drill holes VP-11-06 to 08); the sulfides contents are ranging from traces to a few percents.

On a few occasions, semi-massive to massive sulfides horizons, decimetres in thickness, were intersected in drill holes within the volcanites sequence. No significant Au or base metal values were obtained from these intersections.

Locally, minor amounts of Cu and/or Pb and/or Zn can be observed in different parts of the Property, including the Toussaint, the Moneta Porcupine and the JD Showings.

8.0 Exploration

8.1 General

The most significant historical works were reviewed by the author in 2011. Nearly half of the drill holes over the Toussaint Zone were located in the field. Their coordinates were generally within 1 or 2 metres of the expected position. For the remaining drill holes, no accurate collar traces were observed other than clearing in the forest.

Most of the core from the Freewest Resources drilling programs in the 1990's is stored in Dubuisson, east of Val-d'Or. In January and February 2012, the core from drill holes VP-11-01 to 05, and from the deepened historical hole VP-93-48 were reviewed and resampled.

The 2012 drill holes were positioned relatively to the Toussaint-Midrim detailed grid coordinates. Prior to the drilling program, to ensure an accurate correspondence with the 2011 Induced Polarization survey which was carried out on the Verneuil general grid, both grids were resurveyed with an high accuracy mapping grade GPS.

The claims of the Verneuil Project have been reorganized in 2012, while keeping the same boundaries between the Verneuil West, Center and East Properties. In the appended drill logs, claim numbers prior to the reorganization have been used. The following is an updated list of the new claim numbers corresponding to each of the holes drilled in 2012:

DDH No.	Old Claim No.	New Claim No.
VP-12-26	5105354	2367348
VP-12-27	5105354	2367348
VP-12-28	5105354	2367348
VP-12-29	5105353	2367348
VP-12-30	5105353	2367348
VP-12-31	5105353	2367348
VP-12-32	5105353	2367348
VP-12-33	5105353	2367348
VP-12-34	2197012	2197012 (collar) / 2367348 (end)

At the end of the drilling program, the collar of the new holes was surveyed with a high accuracy GPS. After post-processing, the position accuracy of the collars is expected to be within a few decimetres.

8.2 Diamond Drilling

The 2012 drilling program on the Verneuil Project consisted of 1263 metres of drilling, of NQ core size, distributed between 9 holes, VP-12-26 to VP-12-34. The drilling started on October 15 and was completed on October 26, 2012.

The entire program took place on the Verneuil West Property, for which Viking Gold Exploration holds 100% interest.

The drilling was contracted to Forages M. Rouillier Inc. from Amos.

The drill logs from the 2012 Program are shown in Appendix 2 and certificates of analysis in Appendix 3.

Table 3, hereafter, gives a summary of the most significant Au intersections from the 2012 drilling program.

Plan views and sections are in Appendix 4. They present all holes drilled over the Toussaint Zone, including the historical holes by Freewest as well as the holes from the 2011 and 2012 programs by Viking Gold.

Figures 7 and 8 are respectively a plan view and a longitudinal section of the Toussaint Area, from L45+00E to L 56+50E. To prevent overcrowding, these Figures are presenting the most relevant information, the lithology and the weighted average for the more significant Au intersections.

The Figures 9 to 18 are the drill sections from L45+00E to L49+00E. They present a complete set of information including the lithology, the assay results and the weighted averages, the types and levels of alteration, and the intensity of the foliation and shearing.

The Toussaint Zone is currently the mineralized structure that shows the most potential on the Verneuil Project.

In the continuation of the exploration work realized in the 1990's and in 2011, the 2012 program was targeting the Toussaint Shear Zone, West of the Toussaint Main Lens and the Toussaint Showing.

In previous programs, a single hole, VP-93-18 on line L48+00E, had tested the Toussaint to the West, which returned values of 1.982 g/t Au over 1.0 metre.

The first hole of the program, VP-12-26 on L49+00E, was drilled under 2 holes from previous programs, VP-93-13 with an intersection of 1.668 g/t Au over 1.0 metre, and VP-11-01 with 1.530 g/t Au over 1.0 metre. The purpose of this hole was to verify the continuity of the Toussaint Main Lens at depth as well as the continuity of the significant Au values that were intersected on the adjacent section L49+50E (VP-11-11: 33.245 g/t Au over 3.0 metres; VP-93-11: 3.667 g/t Au over 5.0 metres; VP-93-15: 3.511 g/t Au over 4.45 metres; VP-93-20: 3.776

g/t Au over 2.0 metres; VP-93-30: 3.914 g/t Au over 1.4 metres). Hole VP-12-26 returned assays of 1.095 g/t Au over 1.22 metres from the Toussaint footwall rock.

The two following holes, VP-12-27 and VP-12-28 respectively on L48+75E and L48+50E, were positioned to fill the gap between the section L49+00E and the historical hole VP-93-18 on L48+00E. Both holes intersected the Toussaint Zone and, in both cases, relatively low Au values were obtained from the footwall rock (VP-12-27: 0.566 g/t Au over 1.0 metre; VP-12-2: 1.121 g/t Au over 2.0 metres, and 0.935 g/t Au over 1.0 metre). No significant values were intersected in the Toussaint itself.

The remaining holes of the program were successively drilled towards West, with a 50 metres spacing between the sections. Holes were initially positioned relative to a weak Induced Polarization anomaly, which revealed to be slightly off and at an angle of approximately 15° compared to the actual Toussaint trend. As the program evolved, the position of the collars was repositioned with regards of the geology in the preceding holes.

All the holes intersected the Toussaint Shear Zone, which appears to be quite linear and predictable West of line L48+00E.

The hanging wall rocks of the Toussaint Zone generally consist of an intermediate tuff sequence, while the footwall rocks are composed of more massive and competent intermediate to mafic intrusives.

Over most of the entire strike length intersected in 2012, the core zone of the Toussaint Shear is well developed. It consists of a strong shear, highly silicified and sericitized, variably chloritized, with quartz veining and quartz breccia at places. The original nature and texture of the rock are completely obliterated. Significant amounts of sulfides, up to several percent, were commonly observed.

The contacts of the intensely sheared and altered core of the Toussaint can be relatively sharp, or it can be separated from the hanging and footwall rocks by an envelope made of an alternating sequence relatively fresh and variably sheared and altered rocks.

As shown in Table 3, in the majority of the cases, the most significant Au values were intersected outside the Toussaint Zone, either above or below.

The intersected thickness of the core zone ranges from 1.89 metres in VP-12-32 to 8.9 metres in VP-12-28. Including the envelope, the entire thickness of the zone reaches up to 19.6 metres in VP-12-28. From VP-12-29 westwards, the trend and thickness of the Toussaint are remaining quite constant compared to the shear zone eastwards of the main showing.

In the last hole to the West (VP-12-34), rock fractures and a slight shift of the zone to the north may indicate the presence of a fault.

	Toussaint Shear										
	Core			Including Envelope			Most Significant Au Assays Values				
DDH No	From (m)	To (m)	Thickness along DDH (m)	From (m)	To (m)	Thickness along DDH (m)	From (m)	To (m)	Length (m)	Au (ppm)	Comments
VP-12-26	174.30	178.60	4.30				196.00	197.22	1.22	1.095	Au assay values outside Toussaint Zone (below)
VP-12-27	126.35	133.85	7.50				143.00	144.00	1.00	0.566	Au assay values outside Toussaint Zone (below)
							144.00	145.00	1.00	0.421	Au assay values outside Toussaint Zone (below)
VP-12-28	72.20	81.10	8.90	65.50	85.10	19.60	88.00	88.92	0.92	1.210	Au assay values outside Toussaint Zone (below)
							88.92	90.00	1.08	1.045	Au assay values outside Toussaint Zone (below)
							91.00	92.00	1.00	0.596	Au assay values outside Toussaint Zone (below)
							93.00	94.00	1.00	0.935	Au assay values outside Toussaint Zone (below)
VP-12-29	83.50	85.63	2.13	78.90	88.70	9.80	88.00	89.00	1.00	0.957	Au assay values near lower contact of Toussaint Envelope
							84.00	85.00	1.00	0.458	Au assay values near lower contact of Toussaint Core
VP-12-30	96.27	99.20	2.93	93.70	96.27	2.57	97.00	98.00	1.00	0.171	Au assay values near lower contact of Toussaint Core
VP-12-31	91.37	95.40	4.03				92.20	93.00	0.80	0.996	Au assay values in the Toussaint Core
							93.00	94.00	1.00	0.405	Au assay values in the Toussaint Core
VP-12-32	90.35	92.24	1.89				105.00	106.00	1.00	0.772	Au assay values outside Toussaint Zone (below)
							92.25	93.00	0.75	0.351	Au assay values at the lower contact of Toussaint Core
VP-12-33	92.37	94.85	2.48				84.00	85.00	1.00	0.822	Au assay values outside Toussaint Zone (above)
							101.00	102.00	1.00	0.241	Au assay values outside Toussaint Zone (below)
VP-12-34	102.66	105.30	2.64				105.00	106.00	1.00	0.131	Au assay values at the lower contact of Toussaint Zone
							106.00	107.00	1.00	0.121	Au assay values outside Toussaint Zone (below)

Table 3: Most Significant Au Results from the 2012 Drilling Program

9.0 Samples

Certificates of analysis for the entire program are shown in Appendix 3.

9.1 Core Sampling Methods, Approach

The core boxes were transported on a regular basis by Viking Gold Exploration personnel, from the drill to Viking Gold Exploration's facilities in Dubuisson.

Soon after the availability of the core, a summarized description of the geology and the mineralization was completed (quick log), and the depth tags verified.

The segments of core to be sampled were measured and marked with a coloured wax pencil, as the core was being described by the geologists. At the beginning of each sample, two bar coded and labelled assay tags were placed: one to be inserted in the sample bag and the other to be stapled in the core box at the indicated position. For the duplicate samples, additional bar coded assay tags were positioned in the boxes, in the proper position.

The core was split into halves using a diamond blade electric saw. A sliding tray was used to keep the core in position while being cut. For each segment of cut core, one half was repositioned properly in the core box and the other half went into the pre-labelled sample bag, along with the respective bar coded assay tag. For duplicate samples, one of the half cores was re-cut and each quarter split was placed into a distinct pre-labelled bag, along with the respective bar coded assay tags positioned in the core box. Sample bags were closed with tie wraps.

Fresh water was used to lubricate the blade and the fumes were collected with a ventilation system. The saw was cleaned on a regular basis.

Each sequence of samples was verified prior to shipping.

9.2 Security

All samples were transported by Viking Gold Exploration personnel from the working site in Dubuisson to ALS Global laboratory in Val-d'Or.

For each series of 25 samples, one *blank*, one *reference material* and one *duplicate* were introduced into the sample sequence.

The *security sample* numbers were assessed prior to sampling, to insure for a proper distribution.

The *blanks* and the *reference materials* were prepared in advance and placed in labelled bags. Two corresponding bar coded assay tags were used: one placed immediately into the pre-labelled bag along with the respective material, and the other placed by the geologist in the proper sequence position in the core box while defining the intervals to be sampled.

A listing of the *blanks* and the *reference materials* numbers was supplied to the technician for additional verification while sampling (splitting) the core.

For the entire drilling program, 445 samples were analyzed, including 16 *blanks*, 16 *standards* and 15 *doubles*. The security samples returned expected values.

9.2.1 Blanks

Crushed limestone was used as *blank* material. Analytical results listed in the drill logs indicate that this material is adequate for this purpose.

As shown in Figure 19A, out of the 16 analyzed blanks, only one returned Au values slightly higher than expected with 0.005 ppb Au (VP-12-27, sample M046807), which is the lowest detection limit of the analytical method. All other security samples, before and after in the sample sequence, returned consistent values.

9.2.2 Doubles

As a rule, the double was referenced to the sample immediately preceding in the sampling sequence.

Figure 19B illustrates the correspondence of the doubles with their respective reference sample.

Out of the 15 doubles, only one stands out from the general trend (VP-12-29, M04808). The difference in Au values compared to the respective reference sample is thought to be due to a slightly irregular distribution of the mineralization since, before and after in the sample sequence, the blanks, standards and doubles all returned consistent values.

9.2.3 Reference Materials (Standards)

Four different reference materials (standards) were used during the program, all of which were prepared by Rocklabs, New Zealand. Specifications of the Reference Materials are given in Table 4.

As shown in the Figures 20A to 20D, all of the Au assay results for the reference materials fall within the acceptable range.

Reference Material						
Name	Element	Mean Value (ppm)	Number of analysis (Laboratories)	Std. deviation (ppm)	Coefficient of Variation (%)	95% Confidence Interval for Average (ppm)
HiSilP1	Au	12.05	27	0.330	2.8	0.13
SE58	Au	0.607	40	0.019	3.2	0.006
SF57	Au	0.848	41	0.030	3.6	0.01
SG56	Au	1.027	39	0.033	3.2	0.011
SJ53	Au	2.637	36	0.048	1.8	0.016
SL61	Au	5.931	39	0.177	3.0	0.057
SQ36	Au	30.04	27	0.600	2.0	0.24

TABLE 4: Specifications of Reference Material

9.3 Preparation

The following sample preparation procedures are reproduced from *ALS Global* documentation:

Standard Sample Preparation: Dry, Crush, Split and Pulverize

The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A split of up to 250 g (1000g for metallic seive) is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen.

9.4 Analyses

All samples collected during the exploration program were analyzed for Au (ALS code Au-AA23: Fire Assay Fusion, AAS Finish).

As a standard procedure, samples returning Au results by AAS Finish above 10 ppm were automatically re-analyzed by Gravimetric Analysis Methods (ALS code: Au-GRA21).

No samples were assayed by metallic seive (ALS code: Au-SCR21).

The Au values are presented in this report as Au Final (ppm), which is equal to the Fire Assay results since no sample was analyzed by Gravimetry or Metallic Seive.

A value of 0 ppm Au (zero) have been assigned to the results below the analytical detection limit (<0.005ppm Au).

The last Certificate of Analysis for the program was received on December 12, 2012.

The following assay descriptions are reproduced from *ALS Global* documentation:

1- Fire Assay Fusion, AAS Finish (ALS code: Au-AA23)

- Element: Au
- Sample weight: 30g
- Lower Limit: 0.005 ppm
- Upper Limit: 10.0 ppm
- Default Overlimit Method: Precious Metals Gravimetric Analysis Methods
- Sample Decomposition: Fire Assay Fusion

- Analytical Method: Atomic Absorption Spectroscopy

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

2- Precious Metals Gravimetric Analysis Methods (ALS code: Au-GRA21)

- Element: Au
- Sample weight: 30g
- Lower Limit: 0.05 ppm
- Upper Limit: 1000 ppm
- Sample Decomposition: Fire Assay Fusion
- Analytical Method: Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold.

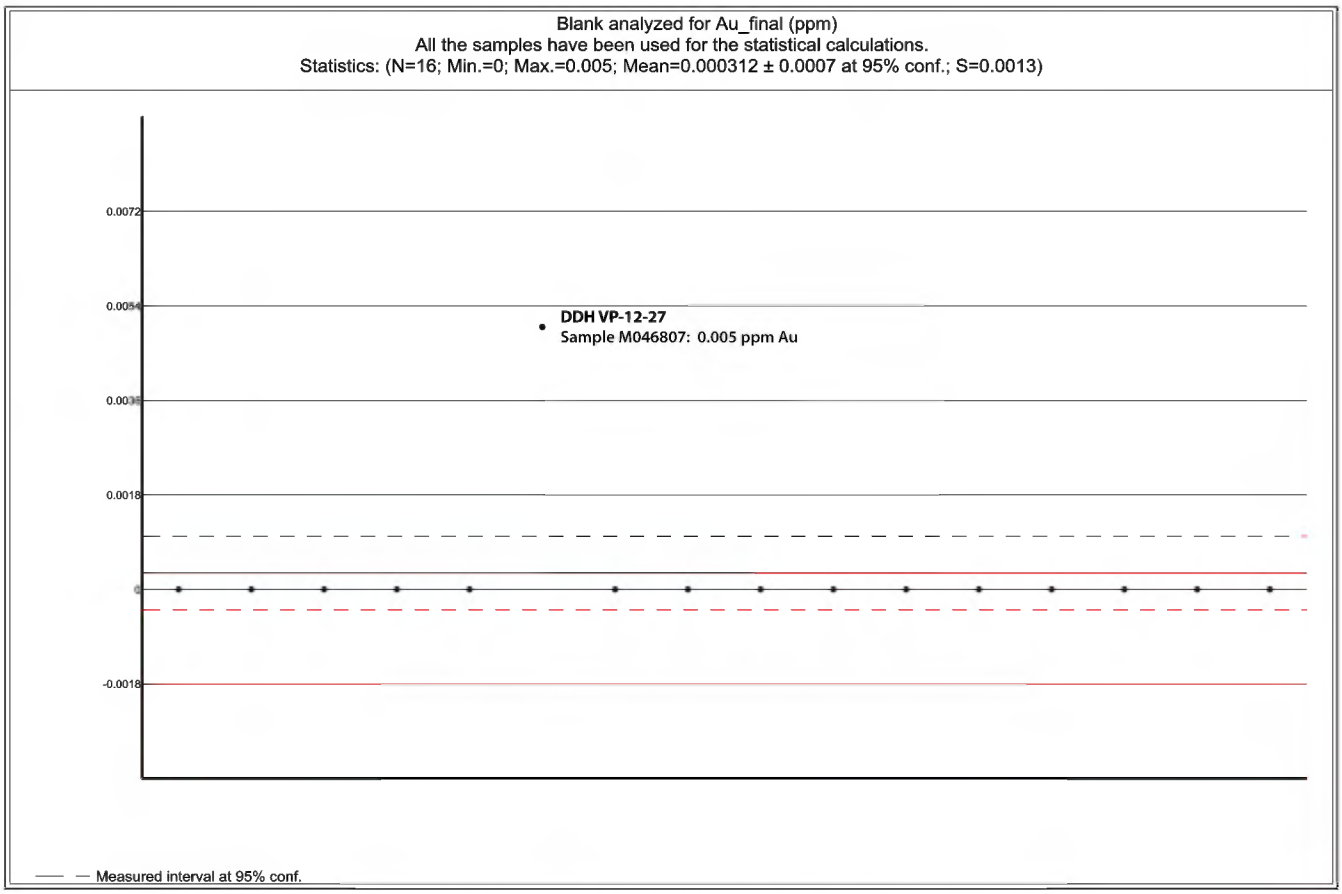

FIGURE 19A: BLANKS ANALYSED FOR Au (ppm)

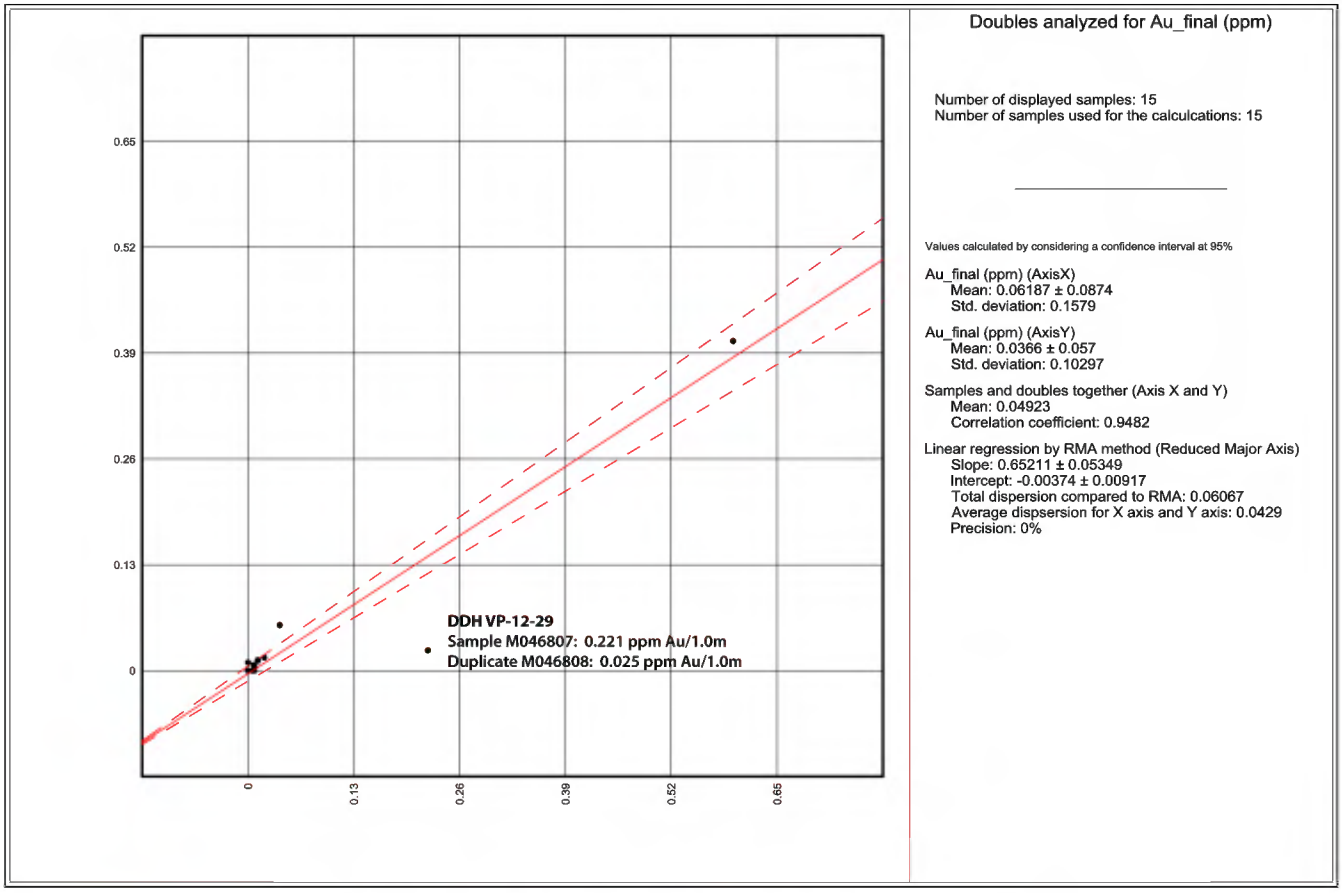

FIGURE 19B: DOUBLES ANALYSED FOR Au (ppm)

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10.0 Data Verification

As discussed earlier, the most significant historical works were located and reviewed by the author in the field, and the collar position of nearly half of the historical drill holes over the Toussaint Zone were validated. Their coordinates were generally within 1 or 2 metres of the expected position. For the remaining drill holes, no accurate collar evidence was observed other than clearing in the forest.

For the 2011 and the 2012 drilling programs, all the drill holes were positioned in the field by the author. In the Toussaint area, when required, the cut lines of the detailed grid were rechained from the base line to prevent chaining errors or inaccuracies.

At the completion of the drilling program, all the collars were surveyed with a mapping grade GPS. After post-processing of the data, the position accuracy of the drill holes is expected to be within a few decimetres.

The validity of the dip test (Flexit) was verified before the end of the holes. A number of tests, recorded in the rods, were redone while pulling off the rods and casings.

The validity of the analysis for the Blanks, the Standards and the Doubles was verified, as described in Section 9.2.

No mineral processing and metallurgical testings were carried out.

No mineral resource and mineral reserve estimates were completed after the 2011 and the 2012 drilling programs.

From 10 holes intersecting the main Toussaint lens, drilled in 1993 and 1994, historical geological reserves were estimated at 187,706 tons of material with an average grade of 7.1 g/t Au (reference: GM 52557 (1994)). In 2011, to further define the potential of the main Toussaint lens, five new holes were added in its immediate area, and one historical hole was deepened. The historical estimates were neither verified nor updated.

All the data and results from the program were reviewed, processed and compiled by the author.

11.0 Interpretation and Conclusions

Toussaint Zone remains the most significant Au mineralized occurrence of the Verneuil Project and the surrounding area. Including the 2012 drilling program, the Toussaint Shear Zone was tested over more than one kilometre in strike length, from L45+00E to L55+50E. More significant Au mineralization was intersected over a distance of 650 metres, from L49+00E to L55+50E.

The western part of the Toussaint Zone, which was tested during the 2012 program, appears to be quite constant in terms of orientation and thickness, by contrast with the Toussaint Main Lens (main showing) and the Toussaint East Zone.

Several features observed in the core were very similar to the ones of the main showing: intense shearing, strong silicification and sericitization, quartz veining and breccia, and significant amounts of sulfides.

Statistics performed in 2011 on samples from the main showing revealed a relatively high correlation coefficient between Au grades and sulphur, representative of the amounts of sulfides. From the visual estimates of the sulfides in the 2012 core, such correlation did not seem to apply to the Toussaint Zone, West of the main showing.

Consistent with the previous programs, the best Au grades were regularly obtained outside the Toussaint itself, either in the hanging or the footwall rocks. In many cases, the rock facies of these narrow mineralized intervals did not allow to predict higher Au values. Several drill holes from previous programs as well as the systematic channel sampling at the Main Toussaint Showing clearly illustrates such mineralization outside the Toussaint Zone.

Although the shearing may favor weakness planes, such as a contact between a competent and a more ductile rock, observations at the surface (trenches TR-11-01 and 02) and in many drill holes indicate that the shears can also cross lithological contacts or any type of rock as well. In the strong altered shears, the original features of the rock are completely obliterated.

Mineralization can be located in any rock type, gabbro, diorite or tuff, and the host rocks can be shear zones or more competent wall rock.

Observations and assay results from the trenches and the drill holes indicate that a well sheared and altered zone is not sufficient by itself to ensure significant Au mineralization.

Presently, the Toussaint Main Lens (from L49+50E to L50+50E, under the main showing) and the Toussaint East Zone (from L53+50E to L55+50E) represent the two most important clusters of high Au intersections. Common to these two zones are the disturbances of the Toussaint Shear, namely undulations and folding, may be faulting, and significant changes in thickness and trend.

At the main showing, the Toussaint shear describes undulations as well as some degree of pinching and swelling. Well-developed crenulations and local tight folding within the main shear indicate a NW-SE deformation that happened after the formation of the original shears of the Toussaint Couloir.

Similarly oriented structures occur to the East of the Toussaint Couloir at the Benoist Showing, the T & M Showing, the Morono Zones and other mineralized occurences located further to the SE (see Figures 21A to 21C).

The Toussaint East Zone is not exposed at the surface and its more complex structure can only be broadly outlined with the actual drill holes. The available information, however, clearly indicates an important thickening of the altered zones and a relatively sharp shift of the Toussaint towards East.

Figures 21A to 21C shows an interpretation at a more regional scale, where the Toussaint Couloir (trending NE-SW) is overprinted by a later NW-SE deformation belt ("East Verneuil Couloir").

The approximate lateral extent of the East Verneuil Couloir is indicated in the Figures 21A to 21C by the yellow dashed lines, while the white lines correspond to a well-defined repetitive pattern of lineaments from the historical VLF survey.

Interestingly, the VLF pattern is parallel to the regional geological trends of the East Verneuil Couloir as well as the trend of the deformation features observed at the Toussaint Showing.

The disturbances of the Toussaint Shear Zone, observed at the main showing and at the Toussaint East Zone, are interpreted as being related to the overprinting of the East Verneuil Couloir. The late NW-SE deformation would have produced undulations and folding of the ductile sheared zones and the more competent wall rocks, separations or "swellings" between the shear walls, fractures in the adjacent wall rocks, with filling and impregnation of silica (+/- carbonates, sulfides and Au mineralization) in opened fractures, cavities and negative pressure zones, during the Au mineralizing events.

The portion of the Toussaint Zone tested by the 2012 drilling program is relatively constant in terms of trend and thickness and did not seem to be quite affected by the East Verneuil Couloir deformation.

At the present time, no direct correlation can be established between the Toussaint type of mineralized zone and the response of the Mag, VLF and I.P. surveys. Each of these surveys has different abilities to indicate the structures, the lithological units and, of particular interest, the discontinuities or disturbances.

Figures 21A to 21C show an "area of interest" (thick black dashed line), which corresponds to the overlap between the Toussaint and the East Verneuil Couloirs. This area of intersecting structures and deformations is characterized by numerous discontinuities and the changes in trend of the Induced Polarization anomalies, a tight NW-SE "slicing" of the structures in the VLF response, and Mag anomalies and discontinuities.

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12.0 Recommendations

Currently on the Verneuil Project, the two more significant clusters of Au intersections are the main Toussaint Lens and the Toussaint East Zone. There are also areas of significant interest that are underexplored and that could increase the potential of the Project, in particular the overlapping area between the Toussaint and the Verneuil East Couloirs.

1- The overlapping area between the **Toussaint** and the **Verneuil East Couloirs** globally covers the Toussaint Zone (from the Main Lens to the Toussaint East Zone), the Midrim Zone, and the area NE of Midrim (see the "area of interest" in Figures 21A to 21C).

North-East of the Toussaint Zone, the outcrops are rare or scattered, and no detailed outcrop map is available. The only drill holes found in this area are located at Midrim.

The VLF and the I.P. surveys suggest that the overprinting of theVerneuil East deformation over the Toussaint Couloir becomes particularly accentuated, which could have produce favorable conditions during the Au mineralizing events, such as the undulations, folding, fractures and decollements within the shears and adjacent rocks.

Since this area of interest was previously underexplored, basic exploration work is required such as:

- Adding lines to the general property grid at 50 metres spacing (original spacing of 100 metres), to cover the area of interest with N-S trending lines
- Completing a detailed VLF survey over the above added lines, to better define the discontinuities resulting from the Verneuil East Couloir overprinting
- Prospecting and detailed outcrop mapping of the area of interest
- Drilling of the new targets

2- Further drilling of the **Toussaint East Zone**, located approximately 450 metres to the east of the main showing (includes drill holes VP-93-22 and VP-11-18), would allow to better define its shape, its orientation (or change in orientation), its extent and the distribution of the Au grades.

Test holes oriented towards SW should be considered from the beginning, to verify for a possible change in the orientation of the zone towards East or South-East. The first test hole should be positioned to intersect the expected mineralized zone near the most significant values in hole VP-11-18. If required, the orientation of the following holes would be adjusted accordingly.

3- The **Toussaint Main lens** is located immediately under the Toussaint Showing. Geological historical reserves were estimated at 187,706 t of material with an average grade of 7.1 g/t Au (reference: GM 52557) from 10 holes drilled in 1993 and 1994. Including the 2011 drilling program, there are now more than 20 holes outlining the main lens.

Additional holes could be drilled in the Toussaint Main Lens to fill some gaps between the 50 metre spaced sections, to verify the continuity and grades of the wall rock mineralization and to better define the lateral extent of the lens along the lines L50+75E and L51+00E. Such drilling could help to consolidate the volume and grades of the Main Lens. Additional drilling is not expected to increase significantly the volume of the mineralized body, unless new contiguous lenses are intersected.

4- Targets #2 and #3, defined by the 2011 Induced Polarization survey, remain to be verified.

5- West of the detailed grid and the 2012 drill holes, high Au values were obtained from till sampling carried out in the 1990's. This area could be reviewed by prospecting and the historical results validated by further sampling.

CERTIFICATE

I CERTIFY THAT:

- I, Pierre Poisson, residing at 48 Chemin du Lac Cornu, P.O. Box 354, Saint-Adolphe-d'Howard, Quebec, J0T 2B0, am an independentqualified person, according to the National Instrument 43-101
- This Certificate applies to the present report, dated April 30th, 2013, and titled: REPORT ON THE VERNEUIL PROJECT / EXPLORATION PROGRAM / FALL 2012
- I am a geologist, member no. 1124 of l'Ordre des Géologues du Québec, working as a consultant in mining exploration since 1984
- I have been working on the Verneuil Project during the entire duration of the drilling program
- I was responsible for the drilling, the verification and the compilation of the data on the Verneuil Project
- I have no interest in the Project nor with Viking Gold Exploration Inc.
- I have had no prior involvement with the Property
- I have read the National Instrument 43-101 and the present report has been prepared in compliance with this Instrument
- On the date of this Certificate, to the best of my knowledge, information and belief, the present report contains all scientific and technical information that is required to be disclosed to make this report not misleading
- I consent to the publication and filing of the present report

- The present report is addressed to Viking Gold Exploration Inc., represented by Mark Edwards, President.

Pierre Poisson

Pierre Poisson

April 30th 2013
Date of signature

April 30th 2013
Effective date of the report

14400053

APPENDIX 1

REFERENCES

REFERENCES

NOTE:
- The description of the following mining exploration files (GM) are reproduced from SIGEOM (MRNF Quebec); when required, some of the terms were translated.

VERNEUIL PROPERTY - SUMMARY REPORT ON GROUND MAGNETOMETER AND TIME-DOMAIN INDUCED POLARIZATION SURVEYS, G. Lambert (2011)
VIKING GOLD EXPLORATION INC.
2011, 20 pages. 5 maps. 41 IP pseudo-sections
32F02.

VERNEUIL PROPERTY – DDH LOG, J. Marchand (2011)
VIKING GOLD EXPLORATION INC.
2011, 10 pages. Drill logs for holes VP-11-01 to VP-11-05
32F02.

GM 42840 VERNEUIL, C. Lavoie (1986)
LEVES ELECTROMAGNETIQUE VLF & MAGNETIQUES, PROJET PARNORVERNEUIL.
EXPLORATIONS PARNOR LTEE.
1986. 21 pages. 20 maps.
32F02.

GM 52139 VERNEUIL, P. Boileau, R. Turcotte (1992)
GEOPHYSICAL SURVEYS, VERNEUIL PROJECT, J.V.12000.
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1992. 10 pages. 3 maps.
32F02.

The geophysical surveys conducted on the property 12000 of the Verneuil Project permitted to outline several conductive zones, some of them presenting a typical bredrock response and a direct to close magnetic association.

GM 52140 VERNEUIL, P. Boileau, R. Turcotte (1992)
GEOPHYSICAL SURVEYS, VERNEUIL PROJECT 15000.
CONSOLID GOLD HAWK RESOURCES I, RESSOURCES JETON D'OR INC.

1992. 12 pages. 3 maps.
32F02.

The geophysical investigations which were performed on the VERNEUIL Project have successfully mapped what appears to be a volcano-sedimentary sequence with intercalated basaltic flows and gabbro sills. Possible structural lineaments were delineated which should be verified using air photos or results of geological mapping.

GM 52141 VERNEUIL, G. Lambert, R. Turcotte (1992)
INDUCED POLARIZATION, VERNEUIL PROPERTY.
RESSOURCES JETON D'OR INC.
1992. 9 pages. 9 maps.
32F02.

The I.P. survey which has been completed on a portion of the VERNEUIL property has confirmed a NE-SW structural lineament but failed to locate bedrock metallic mineralisation in economic quantities.

GM 52142 VERNEUIL, P. Boileau, R. Turcotte (1992)
INDUCED POLARIZATION SURVEY, VERNEUIL PROJECT.
CONSOLID GOLD HAWK RESOURCES I, RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1992. 10 pages. 37 maps.
32F02.

The induced polarization and resistivity survey executed on the Property 15000 of the Verneuil Project permitted to outline at least ten anomalous zones characterized mostly by moderate to strong polarization effects locally associated with weak to moderate resistivity lows.

GM 52143 VERNEUIL, P. Boileau, R. Turcotte (1992)
INDUCED POLARIZATION SURVEY, VERNEUIL PROJECT, PARNOR OPTION - PROPERTY 16000.
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1992. 10 pages. 12 maps.
32F02.

The I.P. and resistivity survey executed on the PARNOR OPTION – PROPERTY 16000 permitted to outline several anomalous zones characterized by moderate to strong chargeability effects locally associated with moderate resistivity lows.

GM 52144 VERNEUIL, P. Boileau, R. Turcotte (1992)
INDUCED POLARIZATION SURVEY, VERNEUIL PROJECT, BOUDREAULT OPTION - PROPERTY 17000.
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1992. 10 pages. 5 maps.
32F02.

The induced polarization and resistivity survey executed on the BOUDREAULT OPTION - PROPERTY 17000 permitted to outline one anomalous zone characterized by moderate chargeability effects associated with moderate resistivity drops.

GM 52145 VERNEUIL, M. Fekete, R. J. Tremblay, H. Hutteri (1993)
REPORT OF SURFACE WORK, VERNEUIL PROJECT, GOG-CGK OPTION AND PARNOR, BOUDREAULT AND JOINT VENTURE PROPERTIES (12000, 15000, 16000 AND 17000).
CONSOLID GOLD HAWK RESOURCES I, RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1993. 117 pages. 17 maps.
32F02.

The 1992 exploration program was successful in discovering several new goldbearing shear-type structures and locating a number of historical zones marked by old trenches of drill holes. Mapping in the trenches shows that the goldbearing structures are shear zones within felsic and intermediate tuffs at or near gabbro or diorite contacts. The shear zones consist of sericite-ankerite schist which is often silicified and mineralized whith pyrite, pyrrhotite, native gold and minor sulphides and produce elevated chargeability responses. Therefore the best areas for trenching are in regions of high resistivity, which indicates relatively shallow overburden, with narrow, linear zones of high chargeability.

GM 52146 VERNEUIL, M. Fekete (1993)
REPORT OF DIAMOND DRILLING, VERNEUIL PROJECT, GOG-CGK OPTION (PROPERTY 15000), PARNOR (PROPERTY 16000).
Contains the following 8 DDH logs: VP93-23 to VP93-40
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1993. 145 pages. 24 maps.
32F02.

The South IP anomaly was shown to be caused by sulphide-rich graphitic tuffoccurring along the footwall contact of a diorite body. The shearing, alteration and mineralization adjacent to this contact is weak and does not favour gold mineralization. No further work is required to test the South IP anomaly. The second drill program was successful in narrowing the focus of exploration of the Toussaint Shear Zone to the area generally located directly below the original

surface discovery. In this area a number of significant assays obtained from both the first and second drill campaings clearly outline a zone of gold concentration that is untested below the 130 m level and warrants continued drilling.

GM 52147 VERNEUIL, M. Fekete (1993)
REPORT OF DIAMOND DRILLING, VERNEUIL PROJECT, GOG-CGK OPTION (PROPERTY 15000), PARNOR OPTION (PROPERTY 16000).
Contains the following 8 DDH logs: VP92-01 to 92-10, VP93-11 to 93-22
CONSOLID GOLD HAWK RESOURCES I, RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1993. 155 pages. 22 maps.
32F02.

A total of five holes, amounting to 413.9 metres, were drilled on the T M Zone. The results were disappointing as the structure was proven to be a narrow lense of sheared and altered tuffaceous rock enclosed and limited by gabbros and diorites. Several of the core samples did return anomalous gold values but these results were substantially lower than the results of surface chip sampling. No further work is necessary to test this structure.

GM 52556 VERNEUIL, M. Fekete (1994)
REPORT OF SURFACE WORK, VERNEUIL PROJECT, JOINT VENTURE AND GOLDEN TAG OPTION PROPERTIES (12000 AND 19000).
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1994. 106 pages. 9 maps.
32F02.

The Boundary showing provides the best drill target. Trenching effectively exposed a zone of sheared, altered and mineralized intermediate tuff with significant gold content. The best values were determined in trench T93-20, located between lines L35+00W and L36+00W. The Goldbrae Shear Zone is submitted as the second target, although it has been tested previously by diamont drilling trenching without significant results. The strength of both geochemical and geophysical trends increase westward from the area of the previous work. On L35+00Wm in particular, a gold in soil value of 1985 ppb indicates that the structure contains notable amounts of gold. It is conceivable that the Kiask River valley reflects a major regional deformation zone. A thick cover of lacustrian clays and fluvial gravels has prevented the confirmation or repudiation of this idea. The presence of sheared and carbonate altered felsic tuff with sulphide mineralization at the culvert supports the idea and makes a drill hole justifiable.

GM 52557 VERNEUIL, M. Fekete (1994)
REPORT OF DIAMOND DRILLING, VERNEUIL PROJECT, JOINT VENTURE GOGCGK OPTION, PARNOR OPTION AND GOLDEN TAG OPTION PROPERTIES, (12000, 15000, 16000 AND 19000).
Contains the following 8 DDH logs: VP94-41 to VP94-48
RESSOURCES FREEWEST INC, RESSOURCES JETON D'OR INC.
1994. 101 pages. 10 maps.
32F02.

No significant gold mineralization was encountered in the drill holes completed on the Boundary, Golbrae of Kiask River Zones. No further work is recommanded for these zones

GM 55006 VERNEUIL, R. J. Tremblay, M. Fekete (1995)
REPORT OF DIAMOND DRILLING, VERNEUIL PROJECT.
Contains the following 14 DDH logs: VP-94-49 to VP-94-52, VP-94-52A , VP-94-53 to VP-94-54, VP-94-54A, VP-94-55, VP-95-56 to VP-95-60
RESSOURCES FREWEST CANADA INC, RESSOURCES JETON D'OR INC.
1995. 113 pages. 10 maps.
32F02.

The gold mineralization is linked to a weakly to moderately brecciated zone with moderate amounts of silica-carbonate-sericite alteration. The zone is distinctly sulphide rich. The pyrite concentration varies from 2 to 15% and occurs as finegrained disseminations or thin veinlets lying parallel to the foliation. In holeswhere no significant gold mineralization was intersected there was also an absence of pyrite mineralization.

GM 37419 VERNEUIL, W. Whymark (1981)
DIAMOND DRILL RECORD.
CLAIMS POISSON, DENISON MINES LTD.
1981. 12 pages.
32F02.

GM 00945-A VERNEUIL, H. D. Carlson (1950)
EXAMINATION REPORT ON QUEVILLON LAKE PROPERTY.
MONETA PORCUPINE MINES LTD.
1950. 12 pages. 2 maps.
32F02.

GM 00945-B VERNEUIL, M. W. Bremner (1949)
QUEVILLON LAKE CLAIMS SHOWINGS.
MONETA PORCUPINE MINES LTD.
1950. 5 pages. 7 maps.
32F02.

GM 52023 VERNEUIL, D. Chainey (1993)
JOURNAUX DE SONDAGE AU DIAMANT, PROJET VERNEUIL-ORMINCO NORD.
RESSOURCES ORIMCO LTEE.
1993. 7 pages. 1 map.
32F02.

GM 00447 VERNEUIL, R. J. Dionne (1949)
REPORT ON THE PROPERTY.
ROYBAR URANIUM & GOLD MINES L.
1949. 11 pages. 5 maps.
32F02.

GM 51809 VERNEUIL, D, Chainey, R. Verschelden (1993)
RAPPORT DES RESULTATS DES LEVES GEOLOGIQUES, GEOPHYSIQUES ET DES FORAGES, OPTIONS VERNEUIL-EST ET -OUEST.
SEREM QUEBEC INC.
1993. 53 pages. 3 maps.
32F02.

GM 48940 VERNEUIL, J. Girard, A. Liger (1982)
RESULTATS DES TRAVAUX DE SONDAGE, PROPRIETE VERNEUIL L, PROJET NW QUEBECOIS.
SEREM LTEE.
1982. 23 pages. 1 map.
32F02.

GM 37419 VERNEUIL
DIAMOND DRILL RECORD.
CLAIMS POISSON, DENISON MINES LTD.
1981. 12 pages.
32F02.

GM 41996 VERNEUIL, E. R. Davis (1985)
RAPPORT TECHNIQUE SUR LE TERRAIN MINIER.
CLAIMS NORMANDIN, PARNOR EXPLS INC.
1985. 22 pages. 1 map.
32F02.

GM 45315 VERNEUIL, E. Chartré, P. Bambic (1987)
HOLMES, QUEVILLON
1987 DIAMOND DRILL PROGRAM, CLAIM GROUPS "C", "D", "E", "F".
GOLDBRAE DEVS LTD.
1987. 105 pages. 4 maps.
32F02.

REPORT ON THE VERNEUIL PROJECT EXPLORATION PROGRAM - SUMMER / FALL 2011 AND WINTER 2012
VIKING GOLD EXPLORATION INC.
P. Poisson (2012)
2012. 1374 pages. 36 maps & drill sections
32F02.

APPENDIX 2

DRILL LOGS
FALL 2012 PROGRAM

Viking Gold

DDH: **VP-12-26**

		Claims title:	5105354	Section:	L4900E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val d'or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik Bahloul	From:	15/11/2012	Description date:	19/11/2012
		To:	18/11/2012		

Collar

Azimuth:	144.0°
Dip:	-52.0°
Length:	234.00 m

	UTM NAD83	Detail grid
East	370,061.80	4,900.00
North	5,433,194.50	-4,815.00
Elevation	312.40	312.40

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	196.00	197.22	1.22	1.17	1.095

Description

Toussaint Shear Zone (core) from 174.3m to 178.6m

Highest assay: 1.095 ppm Au from 196.0m to 197.22m (1.22m)

Casing left in the hole

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-52.0°	No	
Flexit	24.00	145.5°	-52.0°	No	
Flexit	54.00	145.1°	-50.3°	No	
Flexit	84.00	147.0°	-48.1°	No	
Flexit	114.00	149.7°	-45.5°	No	
Flexit	144.00	151.5°	-43.2°	No	
Flexit	174.00	358.3°	-41.6°	Yes	Note: Test taken in rods
Flexit	204.00	154.2°	-39.9°	No	
Flexit	234.00	155.4°	-39.6°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	8.50	OB									
		Overburden									
8.50	174.30	TU2-3; TD; TA; TX; TC									
		Intermediate-mafic tuff; Ash tuff; Slaty tuff; Crystal tuff; Cherty tuff									
		Intermediate-mafic tuff; Alternating tuff facies, ashes tuff, slaty tuff, crystal tuff and occasional thin cherty tuff intervals; Light-dark grey to green; Fine-medium grained; Well laminated, bedded (centimetric beds) to massive; From non-foliated to moderately-well developped slaty cleavage and foliation @ 60-75° AC, with occasional thin local shears; From 8.5-90m: CL alteration dominant, changes from CL1 to CL2 and, with several thin intervals of SI1 increases to SI2 near Qz veins, local thin intervals with BO and SR1; From: 90-174.3m, SI alteration dominantly than CL, various of SI1 to SI2; Several Qz-Cc veinlets and veins, irregular thicknesses, from centimetric to decimetric thick, some // to foliation and others with no preferential orientation; Veins occasionaly contains disseminated Py, (Po) in the veins and /or on selvages; Sulfides mineralization, dominantly Pytr-1% with some Potr and local traces of Cp(tr), are observed in most of the unit, Py up to 3% locally, several thin bands strongly chloritized with Py-Mg; Sulfides mineralization occurs as fine-medium dessiminations, // to foliation, occasionaly as stringers and small blebs in Qz-veinlets and veins; sharp contact									
	8.50	12.60	CL2								
			Chloritization 2								
	8.50	24.70	Sch0								
			Massive non foliated								
	12.60	14.83	FRH	14.00	15.00	M046602	1.00	-0.005			0.000
			Non-altered fresh rock								
	14.80	14.95	Py03								
			Pyrite 3%								
			Fine grained Py disseminated and // to								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		foliation								
14.83	14.94	CL3								
		Chloritization 3								
14.94	15.67	CL1	15.00	16.00	M046603	1.00	-0.005			0.000
		Chloritization 1								
15.67	15.72	CL3								
		Chloritization 3								
15.70	15.75	Py02; Mg01								
		Pyrite 2%; Magnetite 1%								
		Fine to medium grained Py-Mg,								
		disseminated and // to foliation								
15.72	20.13	FRH	20.00	21.00	M046604	1.00	-0.005			0.000
		Non-altered fresh rock								
20.10	20.33	Py05; Mg01								
		Pyrite 5%; Magnetite 1%								
		Fine to medium grained Py and								
		magnetite, disseminated and // to foliation								
20.13	20.34	CL3								
		Chloritization 3								
20.34	20.95	CL1								
		Chloritization 1								
20.95	22.82	FRH								
		Non-altered fresh rock								
22.82	24.30	CL1	23.00	24.00	M046605	1.00	-0.005			0.000
		Chloritization 1								
23.06	23.17	Py03	24.00	25.00	M046606	1.00	-0.005			0.000
		Pyrite 3%								
		Fine grained Py disseminated								
24.30	25.04	CL2; SI1								
		Chloritization 2; Silicification 1								
24.30	25.00	Py02.5								
		Pyrite 2.5%								
		Fine grained Py2.3%, disseminated and								
		// to foliation								
24.70	24.90	Sch1								
		Foliation - weak 76°								
24.87	25.00	Vs;30%;Qz;;;;								
		Veins 30% Quartz								
		Several Qz veinlets // to foliation								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
24.90	25.05	Sch4	25.00	26.00	M046607	1.00	-0.005			0.000
		Shear 65°								
		Thin sheared interval								
25.04	25.85	FRH								
		Non-altered fresh rock								
25.05	28.90	Sch0								
		Massive non foliated								
25.85	26.10	CL2								
		Chloritization 2								
26.10	27.90	FRH								
		Non-altered fresh rock								
27.90	28.05	CL1	28.00	29.00	M046608	1.00	-0.005			0.000
		Chloritization 1								
28.05	28.85	FRH								
		Non-altered fresh rock								
28.80	29.30	Py01								
		Pyrite 1%								
		Fine grained Py disseminated								
28.85	29.55	CL3; SI(1)								
		Chloritization 3; Silicification (1)								
		SI1 near Qz veins								
28.90	29.55	Sch3	29.00	30.00	M046609	1.00	-0.005			0.000
		Foliation - strong 60°								
		Well developped foliation to weakly sheared								
29.08	29.28	V;0.1;Qz;;;;								
		Vein 0.1 Quartz								
29.55	29.87	BO3								
		Biotization 3								
29.55	29.88	Sch0								
		Massive non foliated								
29.56	29.88	I2J								
		Diorite								
		Diorite dyke; dark brown colour; fine to medium grained; intermediate rock, rich with biotite 50%; massive non foliated; BO3, CB1; Fine euhedral Pytr-1%%, disseminated througout; sharp contact								
29.87	30.95	CL3; SI(1)								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Chloritization 3; Silicification (1)								
29.88	30.00		Sch2								
			Foliation - moderate 45°								
30.00	30.66		Sch3	30.00	31.00	M046611	1.00	0.006			0.006
			Foliation - strong 60°								
			Well developped foliation to weakly sheared								
30.00	30.13		Py01								
			Pyrite 1%								
			Fine to coarse grained Py, disseminated								
30.00	30.40		Vs;10%;Qz Cb;;;;								
			Veins 10% Quartz Carbonate								
			Several Qz veinlets // to foliation								
30.66	48.30		Sch0								
			Massive non foliated								
30.95	31.57		CL1	31.00	32.00	M046612	1.00	0.007			0.007
			Chloritization 1								
31.36	31.53		Py02								
			Pyrite 2%								
			Fine to medium grained Py, disseminated								
31.57	32.35		BO3; CL1								
			Biotization 3; Chloritization 1								
31.62	32.35		I2J								
			Diorite								
			Diorite dyke; dark brown colour; fine to medium grained; intermediate rock, rich with biotite 50%; massive non foliated; BO3, CB1; Fine euhedral Pytr-1%%, disseminated througout; sharp contact								
31.90	32.38		Py00.5	32.00	33.00	M046613	1.00	0.005			0.005
			Pyrite 0.5%								
			Fine to medium grained Pytr-1%, disseminated								
32.35	35.00		CL1; SI1								
			Chloritization 1; Silicification 1								
			Local interval with CL3 and SI2 from: 34.50-34..60m								
32.43	32.60		Py01.5								
			Pyrite 1.5%								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Fine to medium grained Py1-2%, disseminated								
33.00	33.47	Py01	33.00	34.00	M046614	1.00	-0.005			0.000
		Pyrite 1%								
		Fine grained Py, disseminated								
33.95	34.03	Py02; Potr	34.00	35.00	M046615	1.00	-0.005			0.000
		Pyrite 2%; Pyrrhotite tr								
		Coarse grained Py2%, disseminated								
34.44	34.57	Pytr								
		Pyrite tr								
		Fine grained Py, disseminated								
34.80	35.00	Py00.5								
		Pyrite 0.5%								
		Fine grained Pytr-1%, disseminated								
35.00	39.33	CL1	35.00	36.00	M046616	1.00	-0.005			0.000
		Chloritization 1								
36.13	36.20	Py03								
		Pyrite 3%								
		Fine grained Py3%, disseminated								
37.34	37.52	Py03								
		Pyrite 3%								
		Fine grained Py3%, disseminated								
37.90	38.35	Py03								
		Pyrite 3%								
		Fine to medium grained Py3%, disseminated and // to foliation								
39.33	39.90	CL3								
		Chloritization 3								
39.33	39.80	Py02; Potr								
		Pyrite 2%; Pyrrhotite tr								
		Fine to medium grained Py-Po, disseminated and // to foliation								
39.90	44.80	CL1; SI1								
		Chloritization 1; Silicification 1								
41.37	41.80	Py02								
		Pyrite 2%								
		Py2%, disseminated and // to foliation								
44.00	45.90	Pytr								
		Pyrite tr								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Fine grained Py, disseminated								
44.80	44.90		CL3; SI1								
			Chloritization 3; Silicification 1								
44.90	47.70		CL1								
			Chloritization 1								
45.90	46.00		Py02; Mg01								
			Pyrite 2%; Magnetite 1%								
			Fine grained Py-Mg, disseminated and assoociated with CL3 alteration in thin intervals								
47.70	48.15		BO2; CL1								
			Biotization 2; Chloritization 1								
47.78	48.16		I3A								
			Gabbro								
			Gabbro dyke; dark grey to brown; medium to coarse grained, coarse grained at the middel of the interval; mafic minerals dominantly than plagioclases; massive to weakly foliated; no significant alteration; sharp contact								
48.15	54.00		CL1; SI(1)								
			Chloritization 1; Silicification (1)								
48.20	48.60		Py01								
			Pyrite 1%								
			Py1%, disseminated								
48.30	56.58		SC2								
			Moderate cleavage 67°								
			Thin massive interval from: 52.60-52.92m								
48.90	48.93		V;0.03;;;;Py(tr);								
			Vein 0.03 Pyrite (tr)								
			Local fine grained Py, disseminated								
50.60	50.72		Vs;50%;Qz;;;;								
			Veins 50% Quartz								
			Several Qz veinlets // to shear with occasional Pytr, disseminated								
51.50	53.10		Pytr								
			Pyrite tr								
			Fine grained Py, disseminated								
54.00	55.50		SI2; CL1; EP(2)	54.00	55.00	M046617	1.00	-0.005			0.000

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Silicification 2; Chloritization 1; Epidotization (2) Local thin interval with EP2 from: 55.30-55.50m								
54.00	54.23	Vs;4%;Qz Cc;;;; **Veins 4% Quartz Calcite** Several Qz-Cc veinlets with no preferential orientation								
54.20	54.80	Py02.5; Potr **Pyrite 2.5%; Pyrrhotite tr** Fine grained Py, disseminated, // to foliation and associated with Qz vein								
54.60	54.66	V;;Qz;;;Py03 Po01; **Vein Quartz Pyrite 3% Pyrrhotite 1%** Qz vein, irregular thickness, 1 to 5 cm thick, associated with Py3%, Po1%, disseminated init and on selvages								
54.70	54.77	V;;Qz;;45°;Pytr; **Vein Quartz 45° Pyrite tr** Qz vein, 3-5cm thick, altered on selvages by epidote, associated with Pytr disseminated on selvages								
54.90	55.34	Py03; Po02 **Pyrite 3%; Pyrrhotite 2%** Medium to coarse grained Py-Po associated with Qz vein								
54.94	55.62	V;;Qz Tl Ep;;15°;Py05 Po01; **Vein Quartz Tourmaline Epidote 15° Pyrite 5% Pyrrhotite 1%** Qz-Tl-Ep vein with Py5%, Po1%, appears as disseminated and stringers init and on selvages	55.00	56.00	M046618	1.00	-0.005			0.000
55.50	57.45	FRH **Non-altered fresh rock**	56.00	57.00	M046620	1.00	-0.005			0.000
56.58	62.30	SC1 **Weak cleavage 65°**	57.00	58.00	M046621	1.00	-0.005			0.000
57.45	59.30	SI2; EP(2) **Silicification 2; Epidotization (2)** Local thin interval with EP2 from:								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		58-58.10m								
57.87	58.00	V;0.1;Qz Tl;;;Pytr; **Vein 0.1 Quartz Tourmaline Pyrite tr** Qz-Tl vein,10cm thickness, with disseminated Py	58.00	59.00	M046622	1.00	-0.005			0.000
58.93	59.38	Py00.5 **Pyrite 0.5%** Fine grained Pytr-1%, disseminated								
59.00	59.07	V;0.03;Qz;;36°;Py00.5; **Vein 0.03 Quartz 36° Pyrite 0.5%** Qz vein, 3cm thickness, with disseminated Pytr-1% init and on selvages	59.00	60.00	M046623	1.00	-0.005			0.000
59.30	60.80	FRH **Non-altered fresh rock**								
60.80	63.00	SI2; SR(1) **Silicification 2; Sericitization (1)**								
61.70	61.74	V;0.05;Qz;;60°;Pytr; **Vein 0.05 Quartz 60° Pyrite tr** Qz vein, 5cm thickness, with disseminated Pytr init and on selvages								
62.00	71.65	Py(tr) **Pyrite (tr)** Occasional fine grained Py, Po, disseminated								
62.30	66.00	Sch3 **Foliation - strong 62°** Well developped foliation								
63.00	63.50	CL2; SI1 **Chloritization 2; Silicification 1**	63.00	64.00	M046624	1.00	-0.005			0.000
63.50	65.90	SI2; CL(2) **Silicification 2; Chloritization (2)** Occasional intervals with CL2 from: 64-75-64.82m and 65.62-65.72m	64.00 65.00	65.00 66.00	M046625 M046626	1.00 1.00	0.008 0.007			0.008 0.007
65.90	67.40	SI1 **Silicification 1**								
66.00	67.38	Sch2 **Foliation - moderate 55°**	66.00 67.00	67.00 68.00	M046627 M046629	1.00 1.00	-0.005 -0.005			0.000 0.000

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
67.38	72.80	Sch3								
		Foliation - strong 50°								
		Well developped foliation								
67.40	68.56	SI1	68.00	69.00	M046630	1.00	0.012			0.012
		Silicification 1								
		Silicification increases from SI1 to SI2								
		near Qz veins; presence of rusty								
		intervals								
68.37	68.50	V;10;Qz;;;;								
		Vein 10 Quartz								
		Several rusty Qz veins								
68.56	72.80	SI2; SR1; CL(1)	69.00	70.00	M046631	1.00	0.006			0.006
		Silicification 2; Sericitization 1;	70.00	71.00	M046632	1.00	0.006			0.006
		Chloritization (1)	71.00	72.00	M046633	1.00	-0.005			0.000
		CL1 increasesto CL2 nnear Qz veinlets								
71.65	72.80	Pytr	72.00	73.00	M046634	1.00	0.007			0.007
		Pyrite tr								
		Fine grained Py, disseminated								
72.80	74.95	CL2								
		Chloritization 2								
72.80	75.10	Sch1	73.00	74.00	M046635	1.00	0.006			0.006
		Foliation - weak 60°	74.00	75.00	M046636	1.00	0.009			0.009
74.95	75.54	CL2; CB1; SI1	75.00	76.00	M046638	1.00	0.013			0.013
		Chloritization 2; Carbonatization								
		1; Silicification 1								
75.10	75.28	Sch3								
		Foliation - strong 60°								
		Well developped foliation								
75.15	75.50	Py02								
		Pyrite 2%								
		Fine grained Py1-3%, disseminated								
75.15	75.30	Vs;5%;Qz;;;;								
		Veins 5% Quartz								
		Several Qz veins and veinlets								
75.28	84.00	Sch1								
		Foliation - weak 60°								
75.45	75.52	V;;Qz Cb;;;;								
		Vein Quartz Carbonate								
		Qz-Cb vein, irregular thickness, with								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		disseminated Py2% init and on selvages								
75.54	81.27	CL2								
		Chloritization 2								
76.00	76.20	Py01	76.00	77.00	M046639	1.00	0.008			0.008
		Pyrite 1%								
		Fine grained Py, disseminated								
80.00	80.30	Pytr								
		Pyrite tr								
		Fine grained Py, disseminated								
81.00	85.20	Pytr								
		Pyrite tr								
		Fine grained Py, disseminated								
81.27	84.10	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
81.50	90.00	Vs;10%;Qz Cc;;;;								
		Veins 10% Quartz Calcite								
		Several Qz veinlets, some are // to foliation, others with no preferential orientations								
84.00	86.50	Sch3	84.00	85.00	M046640	1.00	-0.005			0.000
		Foliation - strong 70°								
		Well developped foliation								
84.10	86.50	CL2; SI1	85.00	86.00	M046641	1.00	0.007			0.007
		Chloritization 2; Silicification 1								
		SI1 increase to SI2 in several thin intervals								
85.20	85.45	Py02								
		Pyrite 2%								
		Fine grained Py, disseminated								
85.45	86.63	Py01	86.00	87.00	M046642	1.00	-0.005			0.000
		Pyrite 1%								
		Fine grained Py, disseminated and // to foliation								
86.50	88.88	CL1								
		Chloritization 1								
86.50	88.90	Sch1	87.00	88.00	M046643	1.00	0.010			0.010
		Foliation - weak 65°	88.00	88.87	M046644	0.87	-0.005			0.000
		Foliation changes from weak to moderate	88.87	90.00	M046645	1.13	0.008			0.008

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
88.88	89.06	SI2; SR2								
		Silicification 2; Sericitization 2								
88.90	89.06	Sch4								
		Shear 65°								
		Interval slightly sheared								
89.06	89.23	CL1								
		Chloritization 1								
89.06	89.24	Sch0								
		Massive non foliated								
89.23	89.33	SI2; SR1								
		Silicification 2; Sericitization 1								
89.24	90.20	Sch2								
		Foliation - moderate 70°								
89.33	90.22	CL1	90.00	91.00	M046647	1.00	-0.005			0.000
		Chloritization 1								
90.20	91.00	Sch3								
		Foliation - strong 70°								
		More developped foliation								
90.20	91.00	Vs;5%;Qz Cc;;;;								
		Veins 5% Quartz Calcite								
		Several Qz-Cc veinlets, // to shear, with disseminated Pytr								
90.22	91.00	CL2; SI1								
		Chloritization 2; Silicification 1								
90.23	90.49	Py01								
		Pyrite 1%								
		Fine to coarse grained and blebs of Py, disseminated								
90.49	92.30	Py00.5								
		Pyrite 0.5%								
		Fine grained Pytr-1%, disseminated								
91.00	91.30	FRH								
		Non-altered fresh rock								
91.00	94.00	SC2	91.00	92.00	M046648	1.00	0.009			0.009
		Moderate cleavage 70°								
91.30	91.45	CL2								
		Chloritization 2								
91.35	91.45	V;;Qz;;;Pytr;								
		Vein Quartz Pyrite tr								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Qz vein, irregular thickness, 2-3cm, with disseminated Py								
91.45	97.30	FRH								
		Non-altered fresh rock								
94.00	97.34	Sch1	96.00	97.00	M046649	1.00	-0.005			0.000
		Foliation - weak 65°	97.00	98.00	M046650	1.00	0.009			0.009
97.23	97.80	Vs;3%;Qz;;;Pytr Potr Cp(tr);								
		Veins 3% Quartz Pyrite tr								
		Pyrrhotite tr Chalcopyrite (tr)								
		Several Qz veinlets, with disseminated Pytr, Potr and local Cptr								
97.30	102.47	SI1								
		Silicification 1								
		SI1 increases to SI2 near Qz veinlets								
97.33	97.90	Pytr								
		Pyrite tr								
		Fine grained Py, disseminated and associated with Qz veinlets								
97.34	97.82	I2J								
		Diorite								
		Diorite dyke; pale grey; medium to coarse grained; plagioclases (50%), quartz(15%); massive to weakly foliated; no significant alteration; the rock is cut by 2 centimetric Qz veinlets, with disseminated Pytr-Potr init; fine grained Py,disseminated; sharp contact								
97.34	97.80	Sch0								
		Massive non foliated								
97.80	98.30	Sch0								
		Massive non foliated								
		Interval massive to weakly foliated								
97.90	102.48	Py(tr)	98.00	99.00	M046651	1.00	-0.005			0.000
		Pyrite (tr)								
		occasional fine grained Py, disseminated and // to foliation								
98.30	102.47	SC3	102.00	103.00	M046652	1.00	0.009			0.009
		Strong cleavage 60°								
		Well slaty cleavage, more developped								
102.47	107.00	SI1								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Silicification 1								
		S1 near Qz veinlets and Qz veins								
102.47	107.00	Sch3								
		Foliation - strong 65°								
		Interval well developped foliation to weakly sheared in several thin intervals								
102.48	106.20	Py(tr)	103.00	104.00	M046653	1.00	-0.005			0.000
		Pyrite (tr)	104.00	105.00	M046654	1.00	0.009			0.009
		Occasional Pytr, disseminated and associated with Qz vein; locally Py1% in thin interval	105.00	106.00	M046656	1.00	0.008			0.008
			106.00	107.00	M046657	1.00	0.018			0.018
102.48	106.14	Vs;10%;Qz;;;Py00.5;								
		Veins 10% Quartz Pyrite 0.5%								
		Several Qz veins and veinlets, thickness changes from 1 to 12cm, // to foliation, occasionaly with Pytr-1%								
106.76	106.90	Py00.5								
		Pyrite 0.5%								
		Fine grained Py0.5%, associated with Qz vein								
106.80	106.90	V;0.08;Qz;;75°;Pytr;								
		Vein 0.08 Quartz 75° Pyrite tr								
		Fine grained Pytr, disseminated on selvages								
106.90	112.70	Py(tr)								
		Pyrite (tr)								
		Occasional Pytr, disseminated								
107.00	114.00	FRH; SI(1)								
		Non-altered fresh rock;								
		Silicification (1)								
		Occasional thin intervals with SI1 near Qz veins								
107.00	114.05	SC3	107.00	108.00	M046658	1.00	0.013			0.013
		Strong cleavage 70°	111.00	112.00	M046659	1.00	0.005			0.005
			112.00	113.00	M046660	1.00	0.024			0.024
112.70	112.85	Py02	113.00	114.00	M046661	1.00	0.010			0.010
		Pyrite 2%								
		Fine grained Py2%, disseminated and // to foliation								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
114.00	125.80	SI1 **Silicification 1** SI1 increase to SI2 near Qz veins	114.00	115.00	M046662	1.00	0.054			0.054
114.00	114.90	Py01 **Pyrite 1%** Fine grained Py1% and up to 3% in little thin interval, disseminatted, // to foliation and associated with Qz vein								
114.05	118.80	Sch4 **Shear 70°** Interval weakly sheared with injections of several Qz veinlets // to foliation								
114.07	114.12	V;0.03;Qz;;55°;Py03; **Vein 0.03 Quartz 55° Pyrite 3%** Qz vein with disseminated Py3% and stringers, init and on selvages								
114.90	115.90	Py(tr) **Pyrite (tr)** Occasional Pytr, disseminated	115.00	116.00	M046663	1.00	0.019			0.019
115.90	116.34	Pytr **Pyrite tr** Fine grained Pytr, locally up to 3% in little thin interval	116.00	117.00	M046665	1.00	0.008			0.008
116.34	132.00	Py(tr) **Pyrite (tr)** Occasional thin intervals with Py2-3% at 122.35-122.42m and 123.04-123.10m								
117.00	118.80	Vs;5%;Qz Cb;;;Pytr; **Veins 5% Quartz Carbonate** **Pyrite tr** Several Qz veinlets, // to foliation	117.00	118.00	M046666	1.00	0.016			0.016
118.80	121.60	SC3 **Strong cleavage 75°** Well developped cleavage								
121.60	125.80	Sch3 **Foliation - strong 75°** Interval well developped foliation to weakly sheared in several thin intervals								
125.80	126.37	FRH **Non-altered fresh rock**								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
125.80	126.00	Sch0 **Massive non foliated**									
125.85	126.00	I2J **Diorite** Diorite dyke; medium-dark greenish grey; fine to medium grained; massive non foliated; fine grained Py1%, disseminated; sharp contact									
126.00	126.36	Sch1 **Foliation - weak 75°**									
126.36	127.80	Sch1 **Foliation - weak 75°** Interval well developped cleavage to weakly sheared in several thin intervals									
126.37	132.65	SI1 **Silicification 1**									
127.80	128.60	Sch0 **Massive non foliated**									
128.60	132.00	Sch2 **Foliation - moderate 70°**									
132.00	134.55	Sch0 **Massive non foliated**									
132.00	132.18	Py01 **Pyrite 1%** Fine grained Py1%, disseminated and // to foliation									
132.18	135.30	Py(tr) **Pyrite (tr)** Occasional traces of Py, disseminated									
132.65	136.10	SI2; CL1 **Silicification 2; Chloritization 1**									
132.90	133.00	Vs;10%;Qz;;;; **Veins 10% Quartz**		134.00	135.00	M046667	1.00	0.017			0.017
134.55	136.10	Sch3 **Foliation - strong 70°** Interval well developped foliation to weakly sheared in several thin intervals		135.00	136.00	M046668	1.00	0.118			0.118
135.30	136.12	Po01; Pytr **Pyrrhotite 1%; Pyrite tr** Fine to medium grained Po1%,		136.00	137.00	M046669	1.00	0.006			0.006

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Pytr,disseminated and // to foliation								
136.10	137.00	SI(1)								
		Silicification (1)								
136.10	137.00	Sch1								
		Foliation - weak 70°								
136.12	138.90	Py(tr); Po(tr)								
		Pyrite (tr); Pyrrhotite (tr)								
		Occasional traces of Py-Po, disseminated								
137.00	151.70	SI2								
		Silicification 2								
137.00	150.20	Sch3								
		Foliation - strong 70°								
		Interval well developped foliation to weakly sheared								
138.66	138.70	V;0.03;Qz Cb;;80°;;								
		Vein 0.03 Quartz Carbonate 80°								
138.90	141.10	Py(tr); Po(tr)	140.00	141.00	M046670	1.00	0.012			0.012
		Pyrite (tr); Pyrrhotite (tr)								
		Occasional traces of Py-Po, disseminated								
141.00	142.00	V;30;Qz Cb;;;Py01 Potr;	141.00	142.00	M046671	1.00	-0.005			0.000
		Vein 30 Quartz Carbonate Pyrite								
		1% Pyrrhotite tr								
		Several Qz-Cb veinlets and Vein, // to foliation, with disseminated Py1%, Potr								
141.10	142.92	Pytr; Po(tr)	142.00	143.00	M046672	1.00	-0.005			0.000
		Pyrite tr; Pyrrhotite (tr)								
		Fine to medium grained Pytr, upto 3% in local thin interval and associated with Qz vein								
142.70	143.30	Vs;4%;Qz;;;;								
		Veins 4% Quartz								
		Several Qz veinlets, // to foliation								
143.00	143.15	Py02; Potr	143.00	144.00	M046674	1.00	-0.005			0.000
		Pyrite 2%; Pyrrhotite tr								
		Fine to medium grained Py2%, Potr, disseminated and associated with Qz veinlets								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
145.00	149.00	Pytr **Pyrite tr** Fine to medium grained Pytr, Po(tr), disseminated and // to foliation; local thin interval with Py1%								
147.00	151.70	Vs;7%;Qz Cb;;;; **Veins 7% Quartz Carbonate** Several Qz-Cb veinlets, // to foliation								
149.70	150.47	Py00.5 **Pyrite 0.5%** Fine grained Pytr-1%, appears as disseminated and stringers								
150.20	150.75	Sch2 **Foliation - moderate 70°**								
150.75	151.63	Sch3 **Foliation - strong 70°** Interval with well developped foliation								
151.07	153.00	Py(tr); Po(tr) **Pyrite (tr); Pyrrhotite (tr)** Occasional traces of Py-Po, disseminated								
151.63	153.05	Sch2 **Foliation - moderate 66°**								
151.70	153.10	FRH **Non-altered fresh rock**	152.00	153.00	M046675	1.00	0.006			0.006
153.00	153.57	Py01; Potr **Pyrite 1%; Pyrrhotite tr** Fine tomedium grained Py1%, Potr, disseminated and associated with Qz veins	153.00	154.00	M046676	1.00	-0.005			0.000
153.05	153.50	Sch4+ **Shear - strong 70°**								
153.10	162.00	Sl2; CL2 **Silicification 2; Chloritization 2**								
153.26	153.40	V;;Qz Cb;;;Pytr; **Vein Quartz Carbonate Pyrite tr** Qz-Cb vein, irregular thickness, with disseminated fine to coarse grained Py on selvages								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
153.50	162.00	Sch3 **Foliation - strong 75°** Interval with well developped foliation								
153.57	163.46	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	154.00	155.00	M046677	1.00	0.014			0.014
157.66	157.70	V;;Qz Cb;;80°;Py04; **Vein Quartz Carbonate 80° Pyrite 4%** Qz--Cb vein, with disseminated Py4% init								
161.40	161.82	Vs;30%;;;25°;Pytr; **Veins 30% 25° Pyrite tr** 2 Qz veins, 5 to 10cm thicknesses, with disseminated Py on selvages								
162.00	166.50	CL2; SI1 **Chloritization 2; Silicification 1**	162.00	163.00	M046678	1.00	-0.005			0.000
162.00	162.32	Sch0 **Massive non foliated** Massive non foliated to weakly foliated interval								
162.32	163.40	Sch2 **Foliation - moderate 75°**	163.00	164.00	M046679	1.00	0.011			0.011
163.40	166.33	Sch4 **Shear 75°**								
163.46	165.90	Py02.5 **Pyrite 2.5%** Fine to medium grained Py2-3%, Po(tr), disseminated,// to foliation and associated with Qz veins								
163.60	166.00	Vs;;Qz Cb;;20°;Py03; **Veins Quartz Carbonate 20°** **Pyrite 3%** Several Qz-Cb veinlets, 1 to 14cm thicknesses, // to foliation,with disseminated Py	164.00 165.00	165.00 166.00	M046680 M046681	1.00 1.00	0.018 0.036			0.018 0.036
165.90	168.10	Py01 **Pyrite 1%** Fine grained Py1%, disseminated	166.00	167.00	M046683	1.00	0.010			0.010

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
166.33	168.60	Sch2 **Foliation - moderate 75°**								
166.50	174.00	CL1; SI(1) **Chloritization 1; Silicification (1)** Occasional thin intervals with SI1 near Qz veins	167.00 168.00	168.00 169.00	M046684 M046685	1.00 1.00	0.022 0.014			0.022 0.014
168.10	168.27	Py(tr); Cp(tr); Po(tr) **Pyrite (tr); Chalcopyrite (tr); Pyrrhotite (tr)** Py, Cp and Po associated with Qz vein								
168.14	168.23	V;;Qz;;;Py(tr) Cp(tr) Po(tr); **Vein Quartz Pyrite (tr) Chalcopyrite (tr) Pyrrhotite (tr)** Qz vein, irregular thickness, with local disseminated Py, Cp, Po init								
168.27	170.20	Pytr **Pyrite tr** Fine grained Pytr, disseminated								
168.60	170.75	Sch3 **Foliation - strong 77°** Interval with well developped foliation	169.00	170.00	M046686	1.00	0.032			0.032
169.74	169.81	V;0.07;Qz Tl Cb;;80°;Pytr; **Vein 0.07 Quartz Tourmaline Carbonate 80° Pyrite tr**	170.00	171.00	M046687	1.00	0.016			0.016
170.20	170.70	Py02 **Pyrite 2%** Fine grained Py2%, disseminated and associated with veinlets								
170.75	173.80	Sch2 **Foliation - moderate 75°**								
171.22	172.70	Py01 **Pyrite 1%** Fine grained Py1, disseminated								
172.70	174.00	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	173.00	174.00	M046688	1.00	0.015			0.015
173.80	177.00	Sch4 **Shear 75°**								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Very well developped schistosity to weakly sheared								
	174.00	174.32	SI1 **Silicification 1**								
	174.00	176.45	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated; locally Py3% at: 175.55-175.65m								
	174.00	177.00	Vs;;Qz Cb;;;Pytr Po(tr); **Veins Quartz Carbonate Pyrite tr Pyrrhotite (tr)** Several Qz-Cb veinlets and veins, 1 to 6cm thicknesses, with disseminated Pytr and Po(tr)	174.00	175.00	M046689	1.00	0.037			0.037
174.30	178.60	AE; TU2; I3A **Altered rock; Intermediate tuff; Gabbro** Toussaint shear zone less developped; Intermediate tuff, Gabbro?; Pale grey to yellowish; Fine grained; Well laminated; Very well developped schistosity to weakly sheared @ 75°AC; Alteration SI2 to SI3, SR2 and CL1; Several Qz-Cb veinlets and veins, 1 to 6cm thicknesses, most are // to foliation with occasional disseminated Pytr and Po(tr); Occasional traces of fine disseminated Py-Po; Gradational contact									
	174.32	176.38	SI3; SR2; CL1 **Silicification 3; Sericitization 2; Chloritization 1**	175.00 176.00	176.00 177.00	M046690 M046692	1.00 1.00	0.022 0.011			0.022 0.011
	176.38	177.90	SI1 **Silicification 1**								
	177.00	181.20	Sch3 **Foliation - strong 80°** Interval with well developped foliation	177.00	178.00	M046693	1.00	0.005			0.005
	177.90	179.30	SI2; CL1 **Silicification 2; Chloritization 1**	178.00	179.00	M046694	1.00	0.015			0.015
178.60	234.00	I3A **Gabbro** Medium dark to dark greenish grey; Fine-medium		179.00	180.00	M046695	1.00	0.010			0.010

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		grained; Mafic minerals dominantly than plagioclases; Changes and alternating from massive no foliated to well developped foliation@ 75 to 80°AC, with occasional sheared intervals, some have 1m thick ; In general CL alteration dominantly, CL1 to CL3, with occasional thin intervals with SI near Qz veins and local EP1; Presence of several Qz veins and veinlets, most are // to foliation, with occasional disseminated Pytr and Cpytr at places; Occasional traces of fine grained Py(tr), disseminated and // to foliation, up to Py3% in local thin bands								
179.30	181.18	CL1; SI(1) **Chloritization 1; Silicification (1)**	180.00 181.00	181.00 182.00	M046696 M046697	1.00 1.00	-0.005 0.042			0.000 0.042
181.18	184.00	CL3; SI2; EP(2); SR(2) **Chloritization 3; Silicification 2; Epidotization (2); Sericitization (2)** local interval with EP2, SR2 from: 181.90-181.97m ad associated with Qz vein								
181.20	183.30	Sch4 **Shear 80°** Well developped foliation to weakly sheared								
181.24	181.34	Py03 **Pyrite 3%** Fine grained Py3%, disseminated and associated with Qz vein								
181.34	186.30	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated								
181.75	182.00	Vs;20%;Qz;;;; **Veins 20% Quartz** Several Qz-Cb veins and veinlets, // to foliation ; altered interval with EP and SR	182.00	183.00	M046698	1.00	0.029			0.029

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
182.55	185.00	Vs;30%;Qz;;;;	183.00	184.00	M046699	1.00	0.020			0.020
		Veins 30% Quartz								
		Several Qz veinlets, // to shear								
183.30	185.00	Sch3								
		Foliation - strong 80°								
184.00	184.90	CL1	184.00	185.00	M046701	1.00	0.015			0.015
		Chloritization 1								
184.90	185.60	CL3; SI2; CB2								
		Chloritization 3; Silicification 2;								
		Carbonatization 2								
185.00	186.20	Sch4+	185.00	186.00	M046702	1.00	0.033			0.033
		Shear - strong 60°								
185.05	185.60	Vs;70%;Qz;;;Py(tr);								
		Veins 70% Quartz Pyrite (tr)								
		Several Qz veins, 1 to2cm thicknesses,								
		// to shear, occasionaly with								
		disseminated Pytr								
185.60	186.55	CL2; CB2	186.00	187.00	M046703	1.00	0.018			0.018
		Chloritization 2; Carbonatization 2								
186.20	186.55	Sch2								
		Foliation - moderate 75°								
186.55	188.05	CL1								
		Chloritization 1								
186.55	188.05	Sch0								
		Massive non foliated								
		Local thin shear from: 187.17-187.23m								
188.05	196.40	CL1								
		Chloritization 1								
		Pervasive CL1								
188.05	192.80	Sch0								
		Massive non foliated								
188.50	188.55	V;0.03;Qz Cb;;75°;;								
		Vein 0.03 Quartz Carbonate 75°								
192.80	196.60	Sch2	196.00	197.22	M046704	1.22	1.095			1.095
		Foliation - moderate 80°								
196.39	196.57	Py(tr)								
		Pyrite (tr)								
		Occasional fine to coarse grained								
		Py(tr),disseminated								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
196.40	197.20	CL3; SI(1) **Chloritization 3; Silicification (1)** SI(1) near Qz veins								
196.59	196.80	Py03 **Pyrite 3%** Fine to medium grained Py, disseminated, // to shear and associated with Qz veins								
196.60	197.20	Sch4 **Shear 80°** Well developped foliation to weakly sheared								
196.60	197.20	Vs;5%;Qz;;;Py(tr); **Veins 5% Quartz Pyrite (tr)** Several Qzveins, 1-3cm thicknesses, // to shear with disseminated Py on selvages								
196.80	197.20	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated, // to foliation and associated with Qz veinlets								
197.20	210.60	CL1 **Chloritization 1** Pervasive CL1								
197.20	224.64	Sch0 **Massive non foliated**	197.22	198.00	M046705	0.78	0.020			0.020
203.74	203.93	Pytr; Cptr **Pyrite tr; Chalcopyrite tr** Fine grained Pytr, Cpytr, disseminated								
203.74	203.93	Vs;20%;Qz;;;Py(tr); **Veins 20% Quartz Pyrite (tr)** Several Qz veins, 1-2cm thickneses, with local disseminated Pytr, Cpytr								
207.00	213.40	Pytr **Pyrite tr** Fine grained Pytr, disseminated								
209.82	209.90	Vn;0.01;Qz;;40°;; **Veinlet 0.01 Quartz 40°**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
210.60	210.84	CL1; EP1								
		Chloritization 1; Epidotization 1								
210.84	221.60	CL1								
		Chloritization 1								
		Pervasive CL1								
213.04	213.06	V;0.02;Qz;;65°;;								
		Vein 0.02 Quartz 65°								
221.60	221.90	CL1; CB1; EP1								
		Chloritization 1; Carbonatization 1; Epidotization 1								
221.90	224.65	CL1	224.00	225.00	M046706	1.00	0.012			0.012
		Chloritization 1								
224.64	226.66	Sch4								
		Shear 74°								
		Well developped foliation to weakly sheared								
224.64	225.90	Vs;5%;Qz;;;Py(tr) Cp(tr);								
		Veins 5% Quartz Pyrite (tr)								
		Chalcopyrite (tr)								
		Sevral Qz veins, 2cm thick max, // to shear, with occasional Pytr, Cpytr, disseminated								
224.65	226.65	CL3; SI(1)								
		Chloritization 3; Silicification (1)								
225.00	227.30	Py00.5	225.00	226.00	M046707	1.00	0.011			0.011
		Pyrite 0.5%	226.00	227.00	M046708	1.00	0.047			0.047
		Fine to medium grained Pytr-1%, disseminated and associated with Qz veins								
226.65	228.05	CL2								
		Chloritization 2								
		Pervasive CL2								
226.66	228.20	Sch2	227.00	228.00	M046710	1.00	0.016			0.016
		Foliation - moderate 75°								
228.05	234.00	CL1								
		Chloritization 1								
		Pervasive CL1								
228.20	234.00	Sch0								
		Massive non foliated								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
230.53	230.60	V;;Qz Ep;;65°;; **Vein Quartz Epidote 65°**								
234.00		**End of DDH** **Number of samples: 97** **Number of QAQC samples: 13** **Total sampled length: 97.00**								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
14.00	14.01	M046601	Blank	0.01	-0.005			0.000
30.00	30.01	M046610	SJ53	0.01	2.630			2.630
55.00	56.00	M046619	M046618	1.00	-0.005			0.000
67.00	67.01	M046628	Blank	0.01	-0.005			0.000
75.00	75.01	M046637	SG56	0.01	0.981			0.981
88.87	90.00	M046646	M046645	1.13	0.005			0.005
105.00	105.01	M046655	Blank	0.01	-0.005			0.000
116.00	116.01	M046664	SE58	0.01	0.587			0.587
142.00	143.00	M046673	M046672	1.00	0.010			0.010
166.00	166.01	M046682	Blank	0.01	-0.005			0.000
176.00	176.01	M046691	SL61	0.01	5.850			5.850
183.00	184.00	M046700	M046699	1.00	0.016			0.016
227.00	227.01	M046709	Blank	0.01	-0.005			0.000

Viking Gold

DDH: **VP-12-27**

		Claims title:	5105354	Section:	L4875E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Duduisson, Val d'or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik Bahloul	From:	18/11/2012	Description date:	20/11/2012
		To:	19/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	157.00 m

	UTM NAD83	Detail grid
East	370,065.20	4,875.00
North	5,433,146.70	-4,856.00
Elevation	312.80	312.80

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	143.00	144.00	1.00	0.93	0.566

Description

Toussaint Shear Zone (core) from 126.35m to 133.85m

Highest assay: 0.566 ppm Au from 142.0m to 143.0m (1.0m)

Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	21.00	139.6°	-44.6°	No	
Flexit	52.00	141.1°	-43.9°	No	
Flexit	82.00	142.4°	-43.4°	No	
Flexit	112.00	142.7°	-43.1°	No	
Flexit	157.00	144.7°	-42.4°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	10.63	OB									
		Overburden									
10.63	126.35	TU2; TD; TX; TC; TA									
		Intermediate tuff; Ash tuff; Crystal tuff;									
		Cherty tuff; Slaty tuff									
		Intermediate tuff, alternating tuff facies, Ashes tuff, crystal tuff, cherty tuff and argilaceous slaty tuff; Dark grey to pale greenish grey; Fine to medium grained, coarses at places; Massive to well laminated, bedded; Foliation varies from massive non foliated to well developped foliation and slaty cleavage @ 65-80°AC; Significant altered interval at: 18.52-23.10m, with SI2, SR1 increases to SR2 occasionaly in thin intrvals; the up of the unit, CL1 alteration is dominantly, occasionaly with SI(1) near Qz veins; from 45.60m SI is dominantly varies from SI(1) to SI2; Several Qz veinlets and veins, irregular thicknesses, from centimetric to decimetric thick, some // to foliation and others with no preferential orientation, often associated with Py init and or on selvages; Veins occasionaly contains disseminated Py in the veins and /or on selvages; Sulfides mineralization Pytr, fine to medium grained, occasionaly up to Py10% in local thin interval, occurs as disseminated or stringers and/or // to foliation and occasionaly associated with Qz veins; occasional thin intervals with Mg1-2%, Pytr associated with CL alteration; Sharp contact									
	10.63	16.18	FRH								
			Non-altered fresh rock								
	10.63	15.36	Sch0								
			Massive non foliated								
			Massive non foliated to weakly foliated @72° AC								
	10.63	18.50	Py(tr)								
			Pyrite (tr)								
			Occasional traces of fine grained Py, occurs as disseminated and stringers; local thin band with Py1%								
	15.36	18.57	Sch2								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Foliation - moderate 74°								
16.18	18.59	SI(1)	16.90	18.00	M046711	1.10	0.011			0.011
		Silicification (1)	18.00	19.00	M046712	1.00	0.006			0.006
		Occasional intervals with SI(1) near Qz veinlets; Weakly rusty rock								
18.50	19.40	Py01.5								
		Pyrite 1.5%								
		Fine to medium grained Py1-2%, disseminated, // to foliation and associated with Qz veinlets								
18.57	23.08	Sch3								
		Foliation - strong 65°								
		Well developped foliation to weakly sheared								
18.59	23.10	SI2; SR1; CB1; CL(1)								
		Silicification 2; Sericitization 1; Carbonatization 1; Chloritization (1)								
		SR1 increases to SR2 in several thin intervals								
18.59	23.10	Vs;3%;Qz;;;Pytr;	19.00	20.00	M046713	1.00	-0.005			0.000
		Veins 3% Quartz Pyrite tr								
		Several Qz veinlets, // to foliation, with disseminated of fine grained Pytr init and on selvages								
19.40	21.50	Pytr	20.00	21.00	M046714	1.00	-0.005			0.000
		Pyrite tr	21.00	22.00	M046715	1.00	-0.005			0.000
		Fine grained Pytr, disseminated								
21.50	21.75	Py01								
		Pyrite 1%								
		Fine grained Py1%, disseminated,stringers and // to foliation								
21.75	26.58	Py(tr)	22.00	23.00	M046716	1.00	-0.005			0.000
		Pyrite (tr)	23.00	24.00	M046717	1.00	0.006			0.006
		Occasional traces of fine grained Py, disseminated								
23.08	24.10	Sch1								
		Foliation - weak 65°								
23.10	24.10	CL1; CB1								
		Chloritization 1; Carbonatization 1								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
24.10	28.14	CL1 **Chloritization 1**									
24.10	27.08	Sch0 **Massive non foliated**									
26.58	26.80	Mg03; Pytr **Magnetite 3%; Pyrite tr** Fine to medium grained Mg3%,Pytr, disseminated									
26.80	30.59	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated									
27.08	28.90	Sch2 **Foliation - moderate 75°** local thin massive non foliated intervals									
27.32	27.40	I3A **Gabbro** Dark green; Fine to medium grained; Mafic minerals dominantly than plagioclases; Massive non foliated; CL1, CB1 alteration; Sharp contact									
27.48	28.13	I3A **Gabbro** Dark green; Fine to medium grained; Mafic minerals dominantly than plagioclases; Massive non foliated; CL1, CB1, OX1 (rusty) alteration; Sharp contact									
28.14	35.58	CL1; CB1; Sl(1) **Chloritization 1; Carbonatization 1; Silicification (1)** occasional thin intervals with Sl(1) near Qz veinlets									
28.72	28.88	I2J **Diorite** Pale grey; Fine to medium grained; Plagioclases dominantly than mafic minerals; Massive non foliated; No significant alteration; Sharp contact									
28.90	34.00	SC3 **Strong cleavage 75°**		29.00	30.00	M046719	1.00	0.007			0.007

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Well developped slaty cleavage	30.00	31.00	M046720	1.00	0.007			0.007
30.50	35.00	Vs;4%;Qz;;;Py00.5; **Veins 4% Quartz Pyrite 0.5%** Several Qz veinlets, some // to foliation, others with no preferential orientation, with disseminated of fine grained Pytr-1% on selvages								
30.59	30.73	Py03 **Pyrite 3%** Fine grained Py3%, disseminated								
30.73	33.00	Py(tr)	31.00	32.00	M046721	1.00	0.006			0.006
		Pyrite (tr) Occasional traces of fine grained Pytr, disseminated	32.00	33.00	M046722	1.00	0.015			0.015
33.00	34.30	Py01.5 **Pyrite 1.5%** Fine grained Py1-2%, disseminated and // to foliation	33.00	34.00	M046723	1.00	0.007			0.007
33.32	33.43	I3A **Gabbro** Dark green; Fine to medium grained; Mafic minerals dominantly than plagioclases; Massive non foliated; CL1, CB1 alteration; Sharp contact								
33.48	33.80	I3A **Gabbro** Dark green; Fine to medium grained; Mafic minerals dominantly than plagioclases; Massive non foliated; CL1, CB1 alteration; Sharp contact								
34.00	35.55	SC2 **Moderate cleavage 75°**	34.00	35.00	M046724	1.00	-0.005			0.000
34.30	37.40	Py(tr) **Pyrite (tr)** Occasional traces of Py(tr), disseminated								
35.55	39.80	Sch1 **Foliation - weak 75°**								
35.58	40.00	CL1								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization 1								
37.40	37.80	Mg03; Py01 **Magnetite 3%; Pyrite 1%** Fine to medium grained Mg3%,Pytr, disseminated								
37.80	43.46	Py(tr) **Pyrite (tr)** Occasional traces of Py(tr), disseminated; Local thin interval with Py1%, disseminaed at 39.16-39.80m								
39.52	39.81	QFP **Quartz Feldspar Porphyry** Light grey; Felsic rock; Coarse grained Plagioclase (20%), quartz (10%) incrusted in mesocratic groundmass; Massive non-foliated to weakly foliiated@ 70°AC; No significant alteration, CL1; Fine grained Py tr disseminated; Sharp contact // to foliation								
39.80	45.50	Sch0 **Massive non foliated**								
40.00	45.60	FRH **Non-altered fresh rock**								
43.46	43.90	Py01 **Pyrite 1%** Fine to coarse grained Py1%, disseminated								
43.47	43.60	V;0.05;Qz;;35°;Py00.5; **Vein 0.05 Quartz 35° Pyrite 0.5%** Qz vein, 5cm thick, with disseminated of fine grained Pytr-1% on selvages								
43.71	43.72	Vn;0.01;Qz;;60°;Pytr; **Veinlet 0.01 Quartz 60° Pyrite tr** Qz veinlet, 1cm thick, with fine grained Pytr, disseminated init and on selvages								
43.90	57.00	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py(tr), disseminated and // to foliation								
45.50	81.55	SC3 **Strong cleavage 75°**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Well developped slaty cleavage								
45.60	46.10	SI2								
		Silicification 2								
45.80	46.00	Vs;10%;Qz;;;;								
		Veins 10% Quartz								
		Several Qz veinlets, // to foliation								
46.10	56.80	SI(1)								
		Silicification (1)								
		SI(1) near Qz Veins								
52.22	52.74	Vs;3%;Qz Cc;;;;	55.00	56.00	M046725	1.00	-0.005			0.000
		Veins 3% Quartz Calcite								
55.20	56.20	Vs;5%;Qz;;;;	56.00	57.00	M046726	1.00	0.007			0.007
		Veins 5% Quartz								
		Several Qz veinlets, // to foliation								
56.80	57.72	SI2								
		Silicification 2								
56.80	56.90	Vs;;Qz;;;Py00.5;								
		Veins Quartz Pyrite 0.5%								
		Several Qz veinlets, // to foliation, with disseminated of fine grained Pytr-1%								
57.00	57.30	Py02	57.00	58.00	M046728	1.00	0.008			0.008
		Pyrite 2%								
		Fine grained Py2%, disseminated and // to foliation								
57.65	57.77	Py01								
		Pyrite 1%								
		Fine to medium grained Py1%, occurs as disseminated, stringers and // to foliation								
57.72	81.50	SI(1)								
		Silicification (1)								
		Occasional thin intervals with SI(1) near Qz veinlets								
57.77	75.10	Py(tr)	58.00	59.00	M046729	1.00	0.006			0.006
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated and // to foliation								
67.00	77.50	Vs;10%;Qz Cb;;;;	74.00	75.00	M046730	1.00	0.006			0.006
		Veins 10% Quartz Carbonate	75.00	76.00	M046731	1.00	0.005			0.005

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Several Qz-Cb veinlets, some // to foliation, others with no preferential orientation; barren veining								
75.10	76.00	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and associated with Qz Veinlets								
76.00	79.60	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py(tr), disseminated	76.00 80.00	77.00 81.00	M046732 M046733	1.00 1.00	-0.005 -0.005			0.000 0.000
80.67	80.77	Py01 **Pyrite 1%** Fine grained Py1%, disseminated and // to foliation								
80.95	81.60	Py00.5 **Pyrite 0.5%** Fine grained Pytr-1%, disseminated and // to foliation	81.00	82.00	M046734	1.00	0.007			0.007
81.50	82.37	Sl2 **Silicification 2**								
81.55	82.37	Sch4 **Shear** Well deveopped foliation to weakly sheared, cimented by silicification								
81.75	82.37	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated and // to foliation								
81.88	82.37	Vs;3%;Qz;;;Pytr; **Veins 3% Quartz Pyrite tr** Several Qz veinlets, // to foliation, with disseminated of fine grained Pytr init	82.00	83.00	M046735	1.00	-0.005			0.000
82.37	82.90	Sl(1) **Silicification (1)** Sl1 near Qz veinlets								
82.37	83.00	Sch1 **Foliation - weak 80°**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
82.37	83.95	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, up to 1% in occasional thin bands, disseminated, and assoociated with veins								
82.90	83.72	SI2 **Silicification 2**								
83.00	85.00	Sch3 **Foliation - strong 80°** Well developped foliation	83.00	84.00	M046737	1.00	0.005			0.005
83.00	83.50	Vs;5%;Qz;;;Py(tr); **Veins 5% Quartz Pyrite (tr)** Several Qz veinlets, // to foliation, with disseminated Py(tr) on selvages								
83.72	94.40	SI(1) **Silicification (1)** SI1 near Qz veinlets								
83.95	84.05	Py04 **Pyrite 4%** Fine to medium grained Py4%, disseminated and // to foliation								
83.96	84.05	V;10;Qz Cb;;80°;Py10 Potr; **Vein 10 Quartz Carbonate 80°** **Pyrite 10% Pyrrhotite tr** Several Qz-Cb Veinlets, with disseminated Py10%Potr, init and on selvages	84.00	85.00	M046738	1.00	-0.005			0.000
84.05	86.00	Pytr **Pyrite tr** Occasional traces of fine grained Py, up to 1% in occasional thin band at : 84.50-84.65m								
84.05	90.90	Vs;2%;Qz Cb;;80°;Pytr; **Veins 2% 80° Pyrite tr** Several Qz-Cb Veinlets, occasionaly with disseminated Pytr								
85.00	94.35	Sch0 **Massive non foliated** Massive to weak foliated	85.00	86.00	M046739	1.00	0.023			0.023

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
87.88	88.00	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated, // to foliation								
91.80	92.00	PyPotr **Pyrite & Pyrrhotite tr** Fine grained PyPotr, associated with Qz vein								
91.80	91.95	V;85;Qz;;85°;Pytr; **Vein 85 Quartz 85° Pyrite tr** Fine grained Py disseminated on selvages								
93.00	100.00	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated, // to foliation and associated with Qz veinlets up to 1% in centimetric bands	93.00 94.00	94.00 95.00	M046740 M046741	1.00 1.00	0.007 -0.005			0.007 0.000
94.35	98.57	Sch3 **Foliation - strong 70°** Well developped foliation								
94.38	95.48	Vs;7%;Qz;;;Py01; **Veins 7% Quartz Pyrite 1%** Several Qz-Cb Veinlets, // to foliation with disseminated Py1% init and on selvages								
94.40	98.60	SI2 **Silicification 2**	95.00	96.00	M046742	1.00	-0.005			0.000
96.00	99.87	Vs;5%;Qz;;;Py(tr); **Veins 5% Quartz Pyrite (tr)** Several Qz-Cb Veinlets, // to foliation,with occasional traces of disseminated Py on selvages	96.00 97.00 98.00	97.00 98.00 99.00	M046743 M046744 M046746	1.00 1.00 1.00	0.066 0.024 0.016			0.066 0.024 0.016
98.57	98.90	Sch0 **Massive non foliated**								
98.60	98.90	I2J **Diorite** Pale grey; Fine to medium grained; Plagioclases dominantly than mafic minerals; Massive non foliated; No significant alteration;								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Sharp contact								
98.60	98.90	FRH								
		Non-altered fresh rock								
98.90	99.83	SI2								
		Silicification 2								
98.90	99.90	Sch3	99.00	100.00	M046747	1.00	-0.005			0.000
		Foliation - strong 70°								
		Well developped foliation								
99.83	100.65	SI1								
		Silicification 1								
99.90	107.38	Sch0								
		Massive non foliated								
100.00	109.70	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Py, up to 1% in occasional thin centimetric bands								
100.30	100.62	Vs;1%;Qz;;;;								
		Veins 1% Quartz								
		Several Qz-Cb Veinlets, 1-2 cm thicknesses max, // to foliation								
100.65	110.10	FRH								
		Non-altered fresh rock								
104.48	104.55	V;0.05;Qz;;55°;Py01;								
		Vein 0.05 Quartz 55° Pyrite 1%								
		Qz vein, 5cm thickness, with disseminated of blebs of Py1% init and on selvages								
107.38	108.00	SC2								
		Moderate cleavage 70°								
		Moderate slaty cleavage								
108.00	110.00	Sch0								
		Massive non foliated								
109.70	112.50	Py(tr)								
		Pyrite (tr)								
110.00	115.20	Sch3								
		Foliation - strong 75°								
		Well developped foliation to weakly sheared								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
110.10	110.60	SI **Silicification**								
110.10	110.20	Vs;10%;Qz;;;Pytr Cp(tr); **Veins 10% Quartz Pyrite tr Chalcopyrite (tr)** Several Qz-Cb Veinlets, // to foliation,with occasional traces of disseminated Pytr and locall Cpytr								
110.60	111.95	FRH **Non-altered fresh rock**	111.00	112.00	M046748	1.00	0.006			0.006
111.95	115.20	SI2; CL1 **Silicification 2; Chloritization 1**	112.00	113.00	M046749	1.00	0.006			0.006
112.50	113.30	Py01 **Pyrite 1%** Fine tomedium grained Py1%, disseminated and associated with veins	113.00	114.00	M046750	1.00	0.008			0.008
113.15	113.24	V;0.09;Qz;;65°;PyPo01; **Vein 0.09 Quartz 65° Pyrite & Pyrrhotite 1%** Qz vein, 9cm thickness, with disseminated PyPo1%init								
113.95	116.90	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated, // to foliation and associated with Qz veinlets								
114.00	114.77	Vs;10%;Qz;;;Py(tr); **Veins 10% Quartz Pyrite (tr)** Several Qz Veinlets, // to foliation,with occasional traces of disseminated Py on selvages	114.00	115.00	M046751	1.00	0.023			0.023
115.00	115.03	V;0.02;Qz;;65°;Py02; **Vein 0.02 Quartz 65° Pyrite 2%** Qz vein, 2cm thickness, with disseminated Py2% iniit and on selvages	115.00	116.00	M046752	1.00	0.015			0.015
115.20	118.40	SI1; CL1 **Silicification 1; Chloritization 1**								
115.20	116.25	Sch0 **Massive non foliated**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
116.00	116.01	V;0.01;Qz Tl;;80°;Py20; **Vein 0.01 Quartz Tourmaline 80°** **Pyrite 20%** Qz-Tl vein,1cm thickness, with Py20% init	116.00	117.00	M046753	1.00	0.039			0.039
116.24	116.78	Vs;2%;Qz;;;Py01; **Veins 2% Quartz Pyrite 1%** Several Qz-Cb Veinlets, // to foliation,with disseminated Py1% init and on selvages								
116.25	124.95	Sch3 **Foliation - strong 70°** Well developped foliation								
116.90	118.00	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated, // to foliation and associated with Qz veinlets	117.00	118.00	M046755	1.00	0.026			0.026
118.00	118.10	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated, // to foliation								
118.00	121.10	Vs;8%;Qz;;;Py02.5; **Veins 8% Quartz Pyrite 2.5%** Several Qz-Cb Veinlets, // to foliation, with disseminated Py2-3% on selvages	118.00	119.00	M046756	1.00	0.020			0.020
118.10	119.00	Py05 **Pyrite 5%** Fine to medium grained Py5%, disseminated, // to foliation and associated with Qz veins								
118.40	120.90	Sl2; CL1 **Silicification 2; Chloritization 1** CL1 increases to CL2 in thin intervals from: 118.85-119.10m and fom: 120.10-120.50m	119.00	120.00	M046757	1.00	0.017			0.017
119.17	119.24	Py10 **Pyrite 10%** Fine to medium grained Py10%, associated with Qz veins								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	119.24	120.00	Py01.5								
			Pyrite 1.5%								
			Fine to medium grained Py1-2%,								
			disseminated, // to foliation								
	120.00	123.45	Py(tr)	120.00	121.00	M046758	1.00	0.031			0.031
			Pyrite (tr)								
			Occasional traces of fine grained								
			Py,disseminated								
	120.90	124.60	SI1; CL1	121.00	122.00	M046759	1.00	0.006			0.006
			Silicification 1; Chloritization 1								
	121.54	122.60	V;0.04;Qz;;80°;;	122.00	123.00	M046760	1.00	0.008			0.008
			Vein 0.04 Quartz 80°	123.00	124.00	M046761	1.00	-0.005			0.000
	123.45	124.90	Py01.5	124.00	125.00	M046762	1.00	0.016			0.016
			Pyrite 1.5%								
			Fine to medium grained Py1-2%,								
			disseminated, // to foliation								
	124.56	124.94	V;2;Qz;;;Py00.5;								
			Vein 2 Quartz Pyrite 0.5%								
			Several Qz-Cb Veinlets, // to								
			foliation,with disseminated of fine grained								
			Pytr-1%								
	124.60	124.93	SI2								
			Silicification 2								
	124.93	126.35	FRH								
			Non-altered fresh rock								
	124.95	126.35	Sch0	125.00	126.00	M046764	1.00	0.010			0.010
			Massive non foliated	126.00	127.00	M046765	1.00	0.092			0.092
126.35	133.85		AE; Sch4								
			Altered rock; Sheared								
			Toussaint type shear zone;								
			- Altered Intermediate tuff at : 126..35-131.60m								
			- Altered gabbro at: 131.660-133.85m								
			Pale grey, yellowish to greenish grey ; Fine grained;								
			Alteration obliterates the original texture of the rock;								
			Well laminated at places; Very well developped								
			schistosity to strongly sheared @ 70-80°AC;								
			Alteration varies SI2 to SI3, SR1 and EP1 at places								
			and CL3 from: 131.60-133.85m; Several Qz-Cb								
			veinlets and veins, 1 to 2cm thicknesses, most are //								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		to foliation with occasional disseminated Pytr init and or on selvages; Fine grained Pytr up to Py1% in local thin interval, disseminated // to foliation and associated with Qz veins, loacl traces of Cpy; Gradational contact								
126.35	128.22	SI2 **Silicification 2** SI2 alteration increases to SI3 in occasional thin intervals								
126.35	129.70	Sch3 **Foliation - strong 78°** Well developped foliation								
126.35	126.50	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated, // to foliation and associated with Qz veinlets								
126.35	133.86	Vs;;Qz;;;Pytr; **Veins Quartz Pyrite tr** Several Qz veinlets, and local Qz-Tl veinlets, // to foliation, with disseminated of fine grained Pytr, init and on selvages								
126.50	126.70	Py(tr) **Pyrite (tr)** Occasional tracesof fine grained Py, disseminated								
126.70	127.70	Pytr **Pyrite tr** Fine to medium grained Pytr-1%, disseminated and associated with Qz veinlets	127.00	128.00	M046766	1.00	0.017			0.017
127.85	130.70	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	128.00	129.00	M046767	1.00	0.072			0.072
128.22	129.67	SI1 **Silicification 1**	129.00	130.00	M046768	1.00	0.044			0.044
129.67	131.60	SI3; SR1; EP1 **Silicification 3; Sericitization 1; Epidotization 1**								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	129.70	130.48	Sch4+ **Shear - strong 80°**	130.00	131.00	M046769	1.00	0.023			0.023
	130.48	131.60	Sch3 **Foliation - strong 70°** Well developped foliation								
	130.70	131.00	Py00.5 **Pyrite 0.5%** Fine grained Pytr-1%, disseminated								
	131.00	131.44	Pytr; Cp(tr) **Pyrite tr; Chalcopyrite (tr)** Fine grained Py, disseminated; Local traces of Cp at: 131.14m	131.00	132.00	M046770	1.00	0.042			0.042
	131.44	131.58	Py01 **Pyrite 1%** Fine grained Py1%, disseminated and// to foliation								
	131.58	132.60	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py								
	131.60	133.86	CL3; SI2 **Chloritization 3; Silicification 2** SI2 alteration increases to SI3 occasionaly in centimetric intervals								
	131.60	133.86	Sch4 **Shear 80°** Gabbro weakly sheared	132.00	133.00	M046771	1.00	0.023			0.023
	132.60	132.80	Pytr **Pyrite tr** Fine to coarse grained Pytr, disseminated, / to foliation and associated with Qz veinlets								
	132.80	133.70	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	133.00	134.00	M046773	1.00	0.073			0.073
133.85	157.00		I3A **Gabbro** Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; Changes and alternating from massive no foliated to								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		well developped foliation@ 65 to 80°AC, with local thick shear at: 143.20-144.80m; In general CL alteration dominantly, CL1, with significant altered intervals from: 141-144.800m with CL2 to CL3 and from: 144-144.60m with SI3, SR2, CL2; Presence of several Qz veins and veinlets from: 141.10-144.90m, // to foliation, with disseminated Pytr-1%; Occasional traces of fine grained Py(tr), up to Py3-5% at: 143.35-144.60m, disseminated, // to foliation, and associated with Qz veins								
133.90	139.90	CL1 **Chloritization 1**	134.00	135.00	M046774	1.00	0.007			0.007
133.90	134.56	Sch2 **Foliation - moderate 80°**								
134.56	137.70	Sch0 **Massive non foliated**								
137.70	138.10	Sch3 **Foliation - strong 65°** Well developped foliation								
137.80	138.10	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated								
137.95	138.10	Vs;10%;Qz;;;; **Veins 10% Quartz** Several Qz veinlets, // to foliation								
138.10	138.30	Sch2 **Foliation - moderate 80°**								
138.30	139.49	Sch1 **Foliation - weak 75°**								
139.49	141.10	Sch2 **Foliation - moderate 75°**								
139.90	141.05	CL2 **Chloritization 2**	141.00	142.00	M046775	1.00	0.055			0.055
141.05	142.60	CL2; SI(1) **Chloritization 2; Silicification (1)** SI1 near Qz Veins								
141.10	143.20	Sch3								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Foliation - strong 70°								
		Well developped foliation								
141.10	141.23	Pytr								
		Pyrite tr								
		Fine grained Pytr, disseminated								
141.12	141.20	V;;Qz Tl;;70°;Pytr;								
		Vein Quartz Tourmaline 70° Pyrite tr								
		Qz-Tl vein, 5cm thickness, with fine to coarse grained and blebs of Pytr, disseminated init and on selvages								
141.20	141.70	Vs;5%;Qz;;;;								
		Veins 5% Quartz								
		Several Qz veinlets, // to foliation								
142.00	143.35	Py(tr)	142.00	143.00	M046776	1.00	0.105			0.105
		Pyrite (tr)								
		Occasional traces of fine grained Py, disseminated								
142.14	144.80	Vs;;Qz Cb;;;Py01 Cp(tr);								
		Veins Pyrite 1% Chalcopyrite (tr)								
		Several Qz veinlets, // to foliation, 1-2cm thicknesses max, with fine disseminated Py and local Cp(tr), disseminated init and on selvages								
142.60	143.95	CL3; SI1	143.00	144.00	M046777	1.00	0.566			0.566
		Chloritization 3; Silicification 1								
143.20	144.80	Sch4+								
		Shear - strong 70°								
143.35	144.60	Py04; Cp(tr)								
		Pyrite 4%; Chalcopyrite (tr)								
		Fine to medium grained Py3-5%, disseminated, // to foliation, and associated with Qz veins								
143.95	144.56	SI3; SR2; CL1	144.00	145.00	M046778	1.00	0.421			0.421
		Silicification 3; Sericitization 2; Chloritization 1								
144.56	145.00	CL2								
		Chloritization 2								
144.60	152.00	Py(tr)								
		Pyrite (tr)								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Occasional traces of Pytr, disseminated								
144.80	146.00	Sch1								
		Foliation - weak 60°								
145.00	157.00	CL1	145.00	146.00	M046779	1.00	0.023			0.023
		Chloritization 1								
		Local thin interval with EP1 at:								
		148.20-148.40m								
146.00	157.00	Sch0								
		Massive non foliated								
147.00	157.00	Vs;1%;Qz;;;;								
		Veins 1% Quartz								
		Several Qz veinlets, with no preferential								
		orientation, barren								
157.00		**End of DDH**								
		Number of samples: 62								
		Number of QAQC samples: 6								
		Total sampled length: 62.10								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
29.00	29.01	M046718	SJ53	0.01	2.570				2.570
56.00	57.00	M046727	M046726	1.00	0.007				0.007
83.00	83.01	M046736	Blank	0.01	0.005				0.005
98.00	98.01	M046745	SG56	0.01	0.995				0.995
116.00	117.00	M046754	M046753	1.00	0.056				0.056
133.00	133.01	M046772	SE58	0.01	0.568				0.568

Viking Gold

DDH: **VP-12-28**

		Claims title:	5105354	Section:	L4850E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik.Bahloul	From:	19/11/2012	Description date:	21/11/2012
		To:	20/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	120.00 m

	UTM NAD83	Detail grid
East	370,071.10	4,850.00
North	5,433,095.90	-4,901.00
Elevation	312.60	312.60

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	88.00	90.00	2.00	1.88	1.121
Toussaint Type	93.00	94.00	1.00	0.94	0.935

Description

Toussaint Shear Zone: Enveloppe from 65.5 to 72.2m; Core from 72.2 to 81.1m; Enveloppe from 81.1 to 85.1m
Highest assays: 1.210 ppm Au from 88.0 to 88.92m (0.92m); 1.1.045 ppm Au from 88.92 to 90.0mm (1.08m)
Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	21.00	140.4°	-45.0°	No	
Flexit	51.00	141.8°	-43.5°	No	
Flexit	81.00	144.5°	-40.1°	No	
Flexit	120.00	146.6°	-39.3°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	10.50	OB **Overburden**									
10.50	51.90	TU2; TD; TC; TA **Intermediate tuff; Ash tuff; Cherty tuff; Slaty tuff** Intermediate tuff; alternating tuff facies, Ashes tuff, Cherty tuff and Slaty tuff; Pale grey; Fine grained; Massive to well laminated, bedded; Changes from massive non foliated to well slaty cleavage, well foliation @ 65-75°AC, local thin sheared interval; In general non significant alteration, occasional intervals with SI-SI2, local interval with CL2, SI2 and SR1 at: 34.70-35.10m; Several Qz veins, occasionaly with disseminated Pytr; Sulfides mineralization Pytr, fine to medium grained, up to 1% in occasiional thin intervals, disseminated and occasionaly associated with Qz veins; Sharp contact									
	10.50	21.70	FRH **Non-altered fresh rock**								
	10.50	21.10	SC3 **Strong cleavage 75°** Well slaty cleavage								
	12.30	25.70	Py(tr) **Pyrite (tr)** Occasional traces of fine disseminated Pytr, up to 1% in occasional thin intervals								
	19.30	19.35	V;0.03;Qz;;75°;Py01; **Vein 0.03 Quartz 75° Pyrite 1%** Fine grained Py1%, disseminated in Qz vein								
	21.10	23.00	Sch3 **Foliation - strong 73°** Well developped foliation								
	21.70	23.00	SI2 **Silicification 2**								
	21.88	21.92	V;0.02;Qz;;75°;Py(tr); **Vein 0.02 Quartz 75° Pyrite (tr)** Fine grained Py(tr), disseminated in Qz vein								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
23.00	25.15	FRH								
		Non-altered fresh rock								
23.00	25.00	SC1								
		Weak cleavage 75°								
25.00	28.70	SC3								
		Strong cleavage 70°								
		Well developped slaty cleavage								
25.15	28.00	SI1								
		Silicification 1								
26.00	33.10	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine disseminated Pytr								
28.00	34.70	FRH								
		Non-altered fresh rock								
28.70	33.20	Sch0								
		Massive non foliated								
28.95	29.00	V;0.03;Qz;;;Py(tr);								
		Vein 0.03 Quartz Pyrite (tr)								
32.20	32.40	V;0.16;Qz;;65°;;	33.00	34.00	M046821	1.00	-0.005			0.000
		Vein 0.16 Quartz 65°								
33.10	33.70	Py01								
		Pyrite 1%								
		Fine to coarse grained Py1%, disseminated								
33.20	34.65	SC1								
		Weak cleavage 65°								
33.70	34.50	Py(tr)	34.00	35.14	M046822	1.14	-0.005			0.000
		Pyrite (tr)								
		Occasional traces of fine disseminated Pytr								
34.50	35.10	Py01.5								
		Pyrite 1.5%								
		Fine to medium grained Py1-2%, disseminated, //to foliation and associated to veinlets								
34.65	35.10	Sch4								
		Shear 73°								
		Slightly sheared interval								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
34.70	35.10	CL2; SI2; SR(1) **Chloritization 2; Silicification 2; Sericitization (1)** Occasional thin intervals with SR1								
35.10	37.40	SI(1) **Silicification (1)**								
35.10	45.00	SC1 **Weak cleavage 70°** Massive to weak cleavae	35.14	36.00	M046823	0.86	0.042			0.042
35.40	35.70	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated								
37.40	37.65	SI2; CL1 **Silicification 2; Chloritization 1**								
37.50	38.00	Py01 **Pyrite 1%** Fine to medium grained and blebs of Py1%, disseminated								
37.65	41.00	SI(1) **Silicification (1)**								
40.81	40.90	Py01 **Pyrite 1%** Fine to medium grained Py1% disseminated in Qz vein								
41.00	43.55	FRH **Non-altered fresh rock**								
43.55	43.80	SI1; CL1 **Silicification 1; Chloritization 1**								
43.60	43.80	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated, // to foliation and associated with Qz veinets								
43.80	45.05	FRH **Non-altered fresh rock**								
43.80	44.10	Py(tr) **Pyrite (tr)** Occasional traces of fine disseminated								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Pytr								
	45.00	45.20	Sch4								
			Shear 70°								
			Weak thin sheared interval								
	45.00	45.10	Py01								
			Pyrite 1%								
			Fine to medium grained Py1%, disseminated								
	45.05	47.10	SI1; CL(1)								
			Silicification 1; Chloritization (1)								
	45.20	47.00	Sch1								
			Foliation - weak 70°								
	46.30	46.70	Py01								
			Pyrite 1%								
			Fine to medium grained Py1%, disseminated and // to foliation								
	47.00	55.50	Sch0								
			Massive non foliated								
	47.10	51.85	FRH								
			Non-altered fresh rock								
	50.05	50.40	Py01								
			Pyrite 1%								
			Fine to medium grained Py1%, disseminated and associated with irregular Qz-Tl veins								
	51.85	57.25	CL1								
			Chloritization 1								
51.90	64.50	TU3									
			Mafic tuff								
			Mafic tuff or Gabbro?; Dark greenish grey colour; Medium to coarse grained; Mafic minerals dominantly; Massive non laminated; Changes from massive non foliated to well developped foliation @70-75°AC; Chlorite alteration dominantly CL1 to CL2, with SI2 at places; Several Qz veinlets, occasionaly with Tl, with disseminated Pytr; Fine to medium grained Pytr up to Py2%, disseminated, // to foliation and occasionaly associated with Qz veinlets; Gradational contact								
	55.50	57.26	Sch1	56.00	57.00	M046824	1.00	0.011			0.011
			Foliation - weak 70°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			57.00	58.00	M046825	1.00	0.015			0.015
57.10	58.50	Py02.5 **Pyrite 2.5%** Fine to medium grained Py2-3%, disseminated, // to foliation and associated with Qz veins								
57.25	60.10	CL2; SI1 **Chloritization 2; Silicification 1**								
57.26	60.70	Sch3 **Foliation - strong 75°** Well developped foliation to weakly sheared								
57.27	58.00	Vs;5%;Qz Tl;;;; **Veins 5% Quartz Tourmaline** Several Qz-Tl veins, // to shear, with disseminated of fine to medium grained Py init								
58.00	59.00	Vs;3%;Qz;;;Py(tr); **Veins 3% Quartz Pyrite (tr)** Several Qz-Tl veins, // to foliation, with disseminated of fine to medium grained Py init and on selvages	58.00	59.00	M046827	1.00	0.028			0.028
58.50	59.50	Py(tr) **Pyrite (tr)** Occasional traces of fine disseminated Pytr								
59.00	60.65	Vs;5%;Qz;;;Py01; **Veins 5% Quartz Pyrite 1%** Several Qz-Tl veins, // to foliation, with disseminated of fine to medium grained Py on selvages	59.00	60.00	M046828	1.00	0.100			0.100
59.50	60.00	Py02.5 **Pyrite 2.5%** Fine to medium grained Py2-3%, disseminated, // to foliation and associated with Qz veins								
60.00	63.70	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	60.00	61.00	M046829	1.00	0.009			0.009

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	60.10	63.70	CL1; SI(1)								
			Chloritization 1; Silicification (1)								
	60.70	61.40	Sch0	61.00	62.00	M046830	1.00	0.013			0.013
			Massive non foliated								
	61.40	63.60	Sch1	62.00	63.00	M046831	1.00	0.013			0.013
			Foliation - weak 70°								
	62.05	62.35	Vs;1%;Qz;;;Py(tr);	63.00	64.00	M046832	1.00	0.010			0.010
			Veins 1% Quartz Pyrite (tr)								
			Several Qz veins, with disseminated of fine to medium grained Pytr init								
	63.60	64.50	Sch0								
			Massive non foliated								
	63.70	64.50	CL1	64.00	65.00	M046833	1.00	0.012			0.012
			Chloritization 1								
64.50	85.10	AE		65.00	66.00	M046835	1.00	0.005			0.005
		Altered rock									
		Altered rock; Toussaint type less developped									
		-65.50-72.20: Enveloppe toussaint type; Alltered TD, TC; Greenish grey; Fine to medium grained; Well laminated; Original textures of rock is obliterates at intervals; Changes foliation from moderate to strongly foliated@ 72-75°AC; CL1 to CL2 alteration SI1 to SI2, locally SR1; Presence of several Qz veins, with occasional traces of disseminated Py; Fine to medium grained Py1-3%, disseminated and // to foliation									
		- 72.20-81.10: Tousssaint type core; Pale Yellowish; Alteration obliterates original texture of the rock; Strongly foliated@ 75°AC; In general SR3, SI1 to SI2, occasionaly CL1; Presence of occasional Qz veins, // to foliation; Fine to medium grained, Pytr-1%, occasionaly Py2%, disseminated and // to foliation									
		-81.10-85.10m: Enveloppe toussaint type; Altered gabbbro; Greenish grey; Fine to medium grained; Original textures of rock is obliterates at intervals; Strongly foliated@ 75°AC; CL3, SI1 to SI2 and localy SR1 alteration; Presence of several Qz veins, with									

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		occasional traces of disseminated Py; Fine to medium grained Pytr, disseminated and // to foliation, locally Py2-3% at: 84.30-84.70m; Gradational contact								
64.50	65.90	CL2; SI2 **Chloritization 2; Silicification 2**								
64.50	65.90	SC3 **Strong cleavage 75°** Well developped slaty cleavage								
64.50	64.80	Py02 **Pyrite 2%** Fine to coarse grained Py2%, disseminated and // to foliation								
64.50	64.75	V;0.14;Qz;;;; **Vein 0.14 Quartz**								
65.50	65.90	Py02 **Pyrite 2%** Fine to medium grained Py2%, disseminated and // to foliation								
65.90	66.65	SI2; CL1 **Silicification 2; Chloritization 1**								
65.90	66.80	Sch4 **Shear 73°**								
65.94	66.80	Vs;5%;Qz;;;Py(tr); **Veins 5% Quartz Pyrite (tr)** Several Qz veinlets, // to shear, with disseminated of fine to medium grained Py on selvages								
66.00	67.70	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated, // to foliation and associated with Qz veins	66.00	67.00	M046836	1.00	0.039			0.039
66.65	67.15	CL1 **Chloritization 1**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
66.80	67.20	SC1	67.00	68.00	M046837	1.00	-0.005			0.000
		Weak cleavage 72°								
67.15	69.10	SI2; SR1; CL1								
		Silicification 2; Sericitization 1;								
		Chloritization 1								
		SR1 increases to SR2 in several thin intervals								
67.20	69.20	Sch3								
		Foliation - strong 75°								
		Seeveral well developped intervals								
67.60	67.70	Vs;10%;Qz;;;;	68.00	69.00	M046838	1.00	0.006			0.006
		Veins 10% Quartz								
		Several Qz veinlets, // to shear								
69.00	74.60	Py(tr)	69.00	70.00	M046839	1.00	0.020			0.020
		Pyrite (tr)								
		Occasional traces of fine grained Py, disseminated								
69.00	69.10	Vs;30%;Tl;;;Py(tr);								
		Veins 30% Tourmaline								
		Several Qz-Tl veinlets, // to shear, with disseminated of fine to medium grained Py on selvages								
69.10	69.35	FRH								
		Non-altered fresh rock								
69.20	69.35	Sch0								
		Massive non foliated								
69.35	72.16	CL2; SI1	70.00	71.00	M046840	1.00	0.011			0.011
		Chloritization 2; Silicification 1	71.00	72.20	M046841	1.20	0.023			0.023
69.35	71.70	Sch3								
		Foliation - strong 73°								
71.65	71.73	V;0.1;Qz;;60°;;								
		Vein 0.1 Quartz 60°								
71.70	72.00	Sch0								
		Massive non foliated								
72.00	83.70	Sch3								
		Foliation - strong 75°								
		Well developped foliation								
72.16	75.70	SR3; SI2; CL(1)	72.20	73.00	M046842	0.80	-0.005			0.000
		Sericitization 3; Silicification 2;								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization (1)	73.00	74.00	M046843	1.00	0.233			0.233
		Several thin intervals with CL1	74.00	75.00	M046845	1.00	0.042			0.042
74.60	74.85	Py01	75.00	76.00	M046846	1.00	0.013			0.013
		Pyrite 1%								
		Fine to medium grained Py1%,								
		disseminated and // to foliation								
75.70	77.10	SR1; CL1								
		Sericitization 1; Chloritization 1								
76.00	79.10	Py(tr)	76.00	77.00	M046847	1.00	-0.005			0.000
		Pyrite (tr)								
		Occasional traces of fine grained Pytr,								
		disseminated								
76.70	76.80	V;0.05;Qz;;55°;;	77.00	78.00	M046848	1.00	0.055			0.055
		Vein 0.05 Quartz 55°								
77.10	81.10	SR3; SI2; CL1	78.00	79.00	M046849	1.00	0.039			0.039
		Sericitization 3; Silicification 2;	79.00	80.05	M046850	1.05	0.118			0.118
		Chloritization 1								
79.50	79.70	Py01	80.05	81.10	M046851	1.05	0.023			0.023
		Pyrite 1%								
		Fine to medium grained Py1%,								
		disseminated and // to foliation								
80.60	80.70	Py02								
		Pyrite 2%								
		Fine to medium grained Py2-3%,								
		disseminated and // to foliation								
81.00	83.90	Vs;3%;Qz;;;Py(tr);								
		Veins 3% Quartz Pyrite (tr)								
		Several Qz veinlets, // to foliation, with								
		disseminated of fine to medium grained								
		Py on selvages								
81.10	83.70	CL3; SR1; SI1	81.10	82.00	M046852	0.90	0.027			0.027
		Chloritization 3; Sericitization 1;								
		Silicification 1								
81.40	81.50	Py02								
		Pyrite 2%								
		Fine to medium grained Py2%								
		associated to Qz veins								
81.50	84.30	Py(tr)	82.00	83.00	M046854	1.00	-0.005			0.000
		Pyrite (tr)	83.00	84.00	M046855	1.00	0.010			0.010

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Occasional traces of fine grained Pytr, disseminated								
	83.70	85.10	CL3; SI2								
			Chloritization 3; Silicification 2								
	83.70	85.10	Sch4+								
			Shear - strong								
			Folded shear								
	84.00	85.00	Vs;10%;Qz;;;Py(tr);	84.00	85.00	M046856	1.00	0.265			0.265
			Veins 10% Quartz Pyrite (tr)								
			Several Qz veinlets, folded, // to shear, with disseminated of fine to medium grained Py init and on selvages								
	84.30	84.70	Py02.5								
			Pyrite 2.5%								
			Fine to medium grained Py2-3%, disseminated, // to foliation and associated with Qz veins								
	84.70	85.00	Pytr	85.00	86.00	M046857	1.00	0.095			0.095
			Pyrite tr								
			Fine to medium grained Pytr, disseminated								
85.10	120.00	I3A		88.00	88.92	M046858	0.92	1.210			1.210
		Gabbro									
		Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; Changes from massive non foliated to well developped foliation@ 65-75° AC; Chlorite alteration dominantly, CL1 to CL3, SI2 from: 88.90-94.60m; Presence of several Qz veins, occasionaly with disseminated Py; Occasional traces of fine grained Pytr, locally Py4%, disseminated and // to foliation										
	85.10	88.90	CL1								
			Chloritization 1								
	85.10	88.85	Sch2								
			Foliation - moderate 75°								
			Moderate to stronf foliation at places of the unit								
	88.85	94.36	Sch4+								
			Shear - strong 70°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
88.90	94.60	CL3; SI2	88.92	90.00	M046859	1.08	1.045			1.045
		Chloritization 3; Silicification 2								
90.00	93.20	Py(tr)	90.00	91.00	M046860	1.00	0.277			0.277
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated								
90.36	90.52	Vs;10%;Qz;;;;								
		Veins 10% Quartz								
		Several Qz veinlets, // to shear								
91.00	91.50	Vs;20%;Qz;;;Py03;	91.00	92.00	M046861	1.00	0.596			0.596
		Veins 20% Quartz Pyrite 3%								
		Several Qz veinlets, // to shear, with disseminated of fine to medium grained Py3% init and on selvages								
91.50	92.85	Vs;5%;Qz;;;;	92.00	93.00	M046863	1.00	0.080			0.080
		Veins 5% Quartz	93.00	94.00	M046864	1.00	0.935			0.935
		Several Qz veinlets, // to foliation								
93.20	94.00	Py04								
		Pyrite 4%								
		Fine to medium grained Py3-4%, disseminated and // to foliation								
93.20	94.00	Vs;5%;Qz;;;Py05;	94.00	95.00	M046865	1.00	0.045			0.045
		Veins 5% Quartz Pyrite 5%								
		Several Qz veinlets, // to shear, with disseminated of fine to medium grained Py5% on selvages								
94.10	94.38	V;0.2;Qz;;55°;;								
		Vein 0.2 Quartz 55°								
94.36	95.40	Sch1								
		Foliation - weak 65°								
94.60	112.00	CL1	95.00	96.00	M046866	1.00	0.027			0.027
		Chloritization 1								
95.40	111.50	Sch0								
		Massive non foliated								
		Massive non foliated to weakly foliated								
111.50	113.00	Sch3								
		Foliation - strong 68°								
		Well developped foliation								
112.00	113.00	CL3; SI(1)								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization 3; Silicification (1)								
		Sl1 near Qz veins								
112.00	113.00	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated								
112.00	112.24	V;0.2;Qz Tl;;55°;;								
		Vein 0.2 Quartz Tourmaline 55°								
112.88	112.95	V;0.03;Qz;;55°;;								
		Vein 0.03 Quartz 55°								
113.00	120.00	CL1								
		Chloritization 1								
		Cl1 pervasive								
113.00	120.00	Sch0								
		Massive non foliated								
120.00		**End of DDH**								
		Number of samples: 41								
		Number of QAQC samples: 5								
		Total sampled length: 41.00								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
58.00	58.01	M046826	SJ53	0.01	2.850				2.850
64.00	65.00	M046834	M046833	1.00	0.012				0.012
74.00	74.01	M046844	Blank	0.01	-0.005				0.000
82.00	82.01	M046853	SG56	0.01	1.030				1.030
91.00	92.00	M046862	M046861	1.00	0.405				0.405

Viking Gold

DDH: **VP-12-29**

		Claims title:	5105353	Section:	L4750E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val-D'or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik.Bahloul	From:	20/11/2012	Description date:	22/11/2012
		To:	21/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	120.00 m

	UTM NAD83	Detail grid
East	369,984.00	4,750.00
North	5,433,048.50	-4,889.00
Elevation	312.50	312.50

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	88.00	89.00	1.00	0.93	0.957

Description

Toussaint Shear Zone: Enveloppe from 78.9 to 83.5m; Core from 83.5 to 85.63m; Enveloppe from 85.63 to 88.7m

Highest assays: 0.957 ppm Au from 88.0 to 89.0m (1.0m)

Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	15.00	142.6°	-44.0°	No	
Flexit	45.00	143.1°	-43.1°	No	
Flexit	75.00	144.0°	-41.9°	No	
Flexit	120.00	145.0°	-41.7°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	5.70	OB									
		Overburden									
	5.50	18.00	SC2								
			Moderate cleavage 70°								
5.70	78.90	TU2-3; TD; TC; TX									
		Intermediate-mafic tuff; Ash tuff; Cherty tuff; Crystal tuff									
		Intermediate-mafic tuff, alternating tuff facies, Ashes tuff, crystal tuff, cherty tuff; Dark grey to pale greenish grey, (mafic tuff or Gabbro? at 34.65-37.90m); Fine to medium grained, coarses at places; Massive to well laminated, bedded; Changes from massive non foliated to well slaty cleavage or foliation @ 70-80°AC; Chlorite Alteration dominantly, CL1 to CL2, with occasional thin intervals with Sl1 near Qz veins and non altered; Presence of several Qz veins and veinlets, occasionaly mineralized with Pytr; Sulfides mineralization Pytr-1%, fine to medium grained, occasionaly up to 2% in local thin intervals, occurs as disseminated // to foliation and occasionaly associated with Qz veins; Gradational contact									
	5.70	19.20	FRH; CL(1); Sl(1)								
			Non-altered fresh rock; Chloritization (1); Silicification (1)								
	11.00	11.30	Py00.5								
			Pyrite 0.5%								
			Fine grained Pytr-1%, disseminated and associated with Qz veins								
	12.20	13.35	Pytr								
			Pyrite tr								
			Fine grained Pytr, disseminated and associated with Veins								
	12.20	13.40	Vs;3%;Qz;;70°;;								
			Veins 3% Quartz 70°								
	14.00	19.70	Py(tr)								
			Pyrite (tr)								
			Occasional traces of fine grained Pytr								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
18.00	24.70	Sch2 **Foliation - moderate 75°**	19.00	20.10	M046804	1.10	0.027			0.027
19.20	21.00	CL1; Sl1 **Chloritization 1; Silicification 1**								
19.80	20.10	Vs;30%;Qz;;;Py01 Cp01; **Veins 30% Quartz Pyrite 1%** **Chalcopyrite 1%** Several Qz veins, 1-3cm thicknesses, with medium grained Py-Cp1%, disseminated init and on selvages	20.10	21.00	M046805	0.90	0.020			0.020
21.00	37.90	CL2 **Chloritization 2** CL2 to CL3 at places; Sl(1) near Qz veins								
22.40	22.55	Py01 **Pyrite 1%** Fine to mediium grained Py1%, associated with vein and disseminated init and on selvages								
22.46	22.50	V;0.03;Qz;;80°;; **Vein 0.03 Quartz 80°**								
24.70	27.10	Sch3 **Foliation - strong 70°** Well devellopped foliation	25.00	26.00	M046806	1.00	0.011			0.011
26.00	27.00	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated and associated with veins	26.00	27.00	M046807	1.00	0.221			0.221
26.70	26.95	V;;Qz;;;; **Vein Quartz** Qz vein, irregular thickness, 1-4cm thick	27.00	28.00	M046809	1.00	0.010			0.010
27.10	30.60	Sch0 **Massive non foliated**								
29.00	29.30	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated								
29.64	29.87	Vs;5%;Qz;;70°;; **Veins 5% Quartz 70°**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
30.00	31.00	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated and associated with Qz vein								
30.20	30.46	V;;Qz;;45°;Pytr; **Vein Quartz 45° Pyrite tr** Fine grained Pytr, disseminated on selvages								
30.60	34.65	Sch3 **Foliation - strong 72°** Well developped foliation								
31.70	33.00	Py01 **Pyrite 1%** Fine grained Py1%, disseminated								
34.65	40.10	Sch0 **Massive non foliated**								
37.90	48.00	CL1 **Chloritization 1**								
40.10	42.20	Sch2 **Foliation - moderate 72°**								
40.34	40.50	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated								
42.20	43.05	Sch1 **Foliation - weak 70°**								
43.05	44.10	Sch2 **Foliation - moderate 72°**								
43.70	44.90	Py02 **Pyrite 2%**								
44.10	44.45	Sch0 **Massive non foliated**								
44.30	44.40	V;;Qz;;;; **Vein Quartz** Qz vein, with irregular thickness 2-4cm wide								
44.45	44.90	Sch3 **Foliation - strong 75°**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
44.90	48.00	Sch0								
		Massive non foliated								
44.90	45.00	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr								
48.00	49.60	CL2								
		Chloritization 2								
48.00	49.60	Sch2								
		Foliation - moderate 73°								
48.00	56.80	Py01								
		Pyrite 1%								
		Fine to medium grained Py1%, disseminated								
48.10	48.23	V;0.04;Qz;;60°;;								
		Vein 0.04 Quartz 60°								
		Qz vein, 4cm thickness, with disseminated Pytr on selvages								
49.20	49.69	V;0.3;Qz;;80°;Pytr;								
		Vein 0.3 Quartz 80° Pyrite tr								
		Fine grained Pytr, disseminated on selvages								
49.60	56.80	CL1								
		Chloritization 1								
49.60	56.80	Sch0								
		Massive non foliated								
49.83	50.23	Vs;5%;Qz;;;;								
		Veins 5% Quartz								
		Several Qz veins, 2--3cm max thicknesses								
51.48	51.66	V;0.14;Qz;;;;								
		Vein 0.14 Quartz								
54.60	55.00	Vs;5%;Qz;;80°;Pytr;								
		Veins 5% Quartz 80° Pyrite tr								
56.80	59.85	FRH; SI(1); CL(1)								
		Non-altered fresh rock;								
		Silicification (1); Chloritization (1)								
56.80	59.80	Sch0								
		Massive non foliated								
		Massive to weak foliated interval								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
57.30	59.00	Pytr **Pyrite tr** Occasional								
59.80	60.80	SC3 **Strong cleavage 80°** Well developped slaty cleavage								
59.85	60.80	CL2; SI1 **Chloritization 2; Silicification 1**								
60.30	60.37	V;0.03;Qz;;80°;Py01; **Vein 0.03 Quartz 80° Pyrite 1%** Fine to medium grained Py, disseminated on selvages								
60.80	61.40	FRH **Non-altered fresh rock**								
60.80	64.95	Sch0 **Massive non foliated** Massive to weak slaty cleavage								
61.40	63.20	CL1 **Chloritization 1** CL1 to CL2 at places								
63.20	63.70	FRH **Non-altered fresh rock**								
63.70	66.25	CL2; SI1 **Chloritization 2; Silicification 1**								
63.90	68.30	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr--1%, disseminated annd associated to veins	64.00	65.00	M046810	1.00	0.033			0.033
64.63	65.00	V;0.02;Qz;;80°;Pytr; **Vein 0.02 Quartz 80° Pyrite tr** Fine grained Pytr, disseminated on selvages								
64.95	68.00	Sch3 **Foliation - strong 65°** Well developped foliation	65.00	66.00	M046811	1.00	-0.005			0.000
			66.00	67.00	M046812	1.00	-0.005			0.000
66.25	66.85	SI2; CL2 **Silicification 2; Chloritization 2**								
66.30	66.40	V;0.08;Qz;;45°;Pytr; **Vein 0.08 Quartz 45° Pyrite tr**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Fine grained Py, disseminaated on selvages								
66.85	68.05	CL2; SI1	67.00	68.00	M046813	1.00	-0.005			0.000
		Chloritization 2; Silicification 1								
68.00	68.30	Sch0	68.00	69.00	M046814	1.00	-0.005			0.000
		Massive non foliated								
68.05	72.00	CL1								
		Chloritization 1								
		CL1 to CL2								
72.00	73.16	CL1								
		Chloritization 1								
72.00	73.16	Sch0	72.00	73.00	M046780	1.00	-0.005			0.000
		Massive non foliated								
72.62	74.07	Py00.5	73.00	74.00	M046782	1.00	-0.005			0.000
		Pyrite 0.5%								
		Pytr-1%, disseminated and associated to Qz veins								
73.16	74.10	CL3; SI(1)								
		Chloritization 3; Silicification (1)								
		SI(1), near Qz veins								
73.16	74.34	Sch2	74.00	75.00	M046783	1.00	-0.005			0.000
		Foliation - moderate 80°								
73.16	73.39	Vs;50%;Qz;;80°;Pytr;								
		Veins 50% Quartz 80° Pyrite tr								
		Several Qz Veins, 3-5cm thicknesses max, with disseminated Pytr on selvages								
74.07	74.50	Py02.5								
		Pyrite 2.5%								
		Fine to medium grained Py2-3%, occursas disseminated and as stringers								
74.10	75.10	CL1								
		Chloritization 1								
74.34	75.13	Sch0								
		Massive non foliated								
74.50	75.36	Py01.5	75.00	76.00	M046784	1.00	0.005			0.005
		Pyrite 1.5%								
		Fine to medium grained Py1-2%, occurs as disseminated and // to foliation								
75.10	76.22	CL2; SI1								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization 2; Silicification 1								
75.13	76.22	Sch1								
		Foliation - weak 78°								
75.36	76.25	Pytr	76.00	77.00	M046785	1.00	-0.005			0.000
		Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated								
76.22	78.10	FRH								
		Non-altered fresh rock								
		Weakly chloritized								
76.22	78.40	Sch0								
		Massive non foliated								
76.90	78.40	Py(tr)	77.00	78.00	M046786	1.00	0.005			0.005
		Pyrite (tr)	78.00	79.00	M046787	1.00	0.008			0.008
		Occasional traces of Py, disseminated								
78.10	78.75	CL1								
		Chloritization 1								
78.40	78.80	SC2								
		Moderate cleavage 80°								
78.40	78.53	Py01.5								
		Pyrite 1.5%								
		Fine to medium grained Py1-2%,								
		disseminated and // to foliation								
78.75	79.64	CL2; SI2								
		Chloritization 2; Silicification 2								
78.77	79.18	Vs;30%;Qz;;80°;Py(tr);								
		Veins 30% Quartz 80° Pyrite (tr)								
		Several Qz Veins, 3-5cm thicknesses								
		max, with occasional traces of								
		disseminated Pytr on selvages								
78.80	79.64	Sch3								
		Foliation - strong 78°								
78.90	88.70	AE	79.00	80.00	M046788	1.00	0.008			0.008
		Altered rock								
		Toussaint type shear zone, with its enveloppe;								
		-78.90-83.50m: Toussaint enveloppe; Alltered TU2-3,								
		TD, TC; Greenish grey; Fine to medium grained; Well								
		laminated; Changes foliation from weak to strongly								
		foliated@ 75-80°AC; Chlorite alteration dominantly								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		CL1 to CL2 at the unit, SI1 up to SI3 at places with local interval with SR1; Presence of several Qz veins, with occasional traces of disseminated Py; Fine to medium grained and occasionally blebs Py1-3%, disseminated, // to foliation and occasionalyassociated with Qz veins, localtraces of Cp associated with Qz Vein -83.50-85.63m: Toussaint shear zone (core); Yellowish; Alteration obliterates original texture of the rock; Strongly sheared@ 80°AC; SI3, SR3; Several Qz veins // to shear, with disseminated Py, occasionaly Po init and on selvages; Sulfides mineralization Py5-10%, Po1%, disseminated, // to shear and associated with Qz veins - 85.63-88.70m: Toussaint enveloppe; Alltered Gabbro; Pale to dark Greenish; Fine to medium grained; Mafic minerals dominantly than plagioclases; Changes foliation from moderate to strongly foliated@ 70-75°AC; Chlorite alteration dominantly CL2 to CL3 at the unit, with occasional thin intervals with SI1 to SI2; Presence of several Qz veins with disseminated Py init and/or on selvages; Fine to medium grained Pytrup to 5% in local thin interval; gradational contact								
78.90	79.20	Py02; Cp(tr) **Pyrite 2%; Chalcopyrite (tr)** Fine to medium grained Py1-2%, occurs as disseminated, // to foliation and associated with Qz veins								
79.40	79.90	Py01.5 **Pyrite 1.5%** Fine to medium grained and blebs of Py1-2%, disseminated								
79.64	80.10	SI1; CL1 **Silicification 1; Chloritization 1**								
79.64	80.40	SC1 **Weak cleavage 80°**								
79.90	80.60	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py,	80.00	81.00	M046789	1.00	0.011			0.011

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		disseminated								
80.10	80.26	CL(1)								
		Chloritization (1)								
		Slightly chloritized at places								
80.26	81.00	SI3; SR1; CL1								
		Silicification 3; Sericitization 1;								
		Chloritization 1								
80.40	83.30	Sch1								
		Foliation - weak 75°								
80.60	80.80	Py01.5								
		Pyrite 1.5%								
		Py1-2%occurs as bleb, disseminated								
80.80	81.50	Py02								
		Pyrite 2%								
		Fine to medium grained Py1-3%,								
		disseminated and // to foliation								
81.00	82.50	SI1	81.00	82.00	M046791	1.00	0.008			0.008
		Silicification 1								
81.50	83.50	Py00.5	82.00	83.00	M046792	1.00	0.011			0.011
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%,								
		disseminated up to Py3% at thin interval								
		from: 82.57-82.60m								
82.50	83.50	CL2; SI1								
		Chloritization 2; Silicification 1								
82.90	83.06	V;0.1;Qz;;80°;Py(tr);	83.00	84.00	M046793	1.00	0.303			0.303
		Vein 0.1 Quartz 80° Pyrite (tr)								
83.30	85.60	Sch4+								
		Shear - strong 80°								
83.50	85.63	SI3; SR3	84.00	85.00	M046794	1.00	0.458			0.458
		Silicification 3; Sericitization 3	85.00	86.00	M046795	1.00	0.105			0.105
83.50	85.60	Py06.5								
		Pyrite 6.5%								
		Fine to medium grained Py5-8%,								
		disseminated, // to foliation and								
		associated with Qz veinlets init and on								
		selvages								
83.50	85.60	V;60;Qz;;;Py01;								
		Vein 60 Quartz Pyrite 1%								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Several Qz Veins, 1-10cm thicknesses max, // to shear with disseminated Pytr on selvages								
85.60	86.05	Sch3 **Foliation - strong 70°** Well developped foliation								
85.60	85.70	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated, // to foliation and associated with Qz veinlets init and on selvages								
85.63	86.70	CL3; SI1 **Chloritization 3; Silicification 1**	86.00	87.00	M046796	1.00	0.287			0.287
86.05	86.45	Sch4 **Shear 70°** Fault gouge at 86.22m								
86.06	86.46	Vs;60%;Qz;;;Pytr; **Veins 60% Quartz Pyrite tr** Several Qz Veins, // to shear, with disseminated Pytr on selvages								
86.07	86.47	Py03 **Pyrite 3%** Fine to medium grained Py1-5%, disseminated, // to foliation and associated with Qz veinlets init and on selvages								
86.45	87.00	Sch3 **Foliation - strong 70°**								
86.47	86.70	Py(tr) **Pyrite (tr)** Occasional traces of Py(tr), disseminated								
86.70	88.45	CL2; SI(1) **Chloritization 2; Silicification (1)** SI(1) near Qz veins								
87.00	88.80	Sch2 **Foliation - moderate 75°**	87.00 88.00	88.00 89.00	M046797 M046798	1.00 1.00	0.033 0.957			0.033 0.957
88.12	88.20	Py5%								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Pyrite 5% Fine to medium grained Py5%, disseminated and associated with Qz veinlets								
	88.17	88.22	V;0.04;Qz;;;Py01; **Vein 0.04 Quartz Pyrite 1%** Qz vein with disseminated Pyinit and on selvages								
	88.20	88.45	Pytr **Pyrite tr** Coarse grained of Pytr, disseminated								
	88.45	88.70	CL2; SI2 **Chloritization 2; Silicification 2**								
	88.45	88.64	Py04 **Pyrite 4%** Fine to medium grained Py3-5%, disseminated, // to foliation and associated with Qz veinlets init and on selvages								
	88.45	88.80	Vs;3%;Qz;;70°;Py01; **Veins 3% Quartz 70° Pyrite 1%** Several Qz Veinlets,with disseminated Py on selvages								
	88.64	88.70	Pytr **Pyrite tr** Occasional traces of fine grained Py, disseminated								
88.70	120.00		I3A **Gabbro** Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; In general massive non foliated, with local thin shear; Pervasive Chlorization CL1 to CL2; Presence of occasional Qz vein; Occcasional traces of fine grained Pytr disseminated up to 1% at: 109.20-110.50m								
	88.70	89.00	CL2 **Chloritization 2**								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
88.80	89.60	Sch0		89.00	90.00	M046800	1.00	0.014			0.014
		Massive non foliated									
		Massive to weakly foliated									
89.60	104.90	CL1									
		Chloritization 1									
		Pervasive CL1									
89.60	105.65	Sch0									
		Massive non foliated									
104.90	105.65	FRH									
		Non-altered fresh rock									
105.65	105.75	CL2									
		Chloritization 2									
105.65	105.75	Sch4									
		Shear 80°									
105.73	105.76	V;0.03;Qz;;80°;;									
		Vein 0.03 Quartz 80°									
105.75	109.80	CL1									
		Chloritization 1									
		Pervasive CL1									
105.75	109.80	Sch0		109.00	110.00	M046801	1.00	0.012			0.012
		Massive non foliated									
109.20	109.80	I2J									
		Diorite									
		Diorite dyke; dark brown colour; fine grained;									
		intermediate rock, rich with biotite 30%;									
		massive non foliated; Non significant alteration;									
		Fine to medium grained Pytr, disseminated									
109.20	110.50	Py01.5									
		Pyrite 1.5%									
		Fine to coarse graine, Py1-2%,									
		disseminated									
109.80	110.50	CL2									
		Chloritization 2									
109.80	110.50	Sch2		110.00	111.00	M046802	1.00	0.019			0.019
		Foliation - moderate 75°									
110.50	120.00	CL1									
		Chloritization 1									
		Pervasive CL1									
110.50	120.00	Sch0									

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Massive non foliated								
110.67	110.74	V;0.07;Qz;;80°;;	111.00	112.00	M046803	1.00	0.017			0.017
		Vein 0.07 Quartz 80°								
118.20	118.40	V;0.025;Qz;;4°;;								
		Vein 0.025 Quartz 4°								
		Qz vein, // to AC, barren								
120.00		**End of DDH**								
		Number of samples: 31								
		Number of QAQC samples: 3								
		Total sampled length: 31.00								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
26.00	27.00	M046808	M046807	1.00	0.025				0.025
81.00	81.01	M046790	Blank	0.01	-0.005				0.000
89.00	89.01	M046799	SL61	0.01	5.900				5.900

Viking Gold

DDH: **VP-12-30**

		Claims title:	5105353	Section:	L4700E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val D'Or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik Bahloul	From:	21/11/2012	Description date:	23/11/2012
		To:	22/11/2012		

Collar

Azimuth:	144.0°
Dip:	-44.0°
Length:	126.00 m

	UTM NAD83	Detail grid
East	369,928.00	4,700.00
North	5,433,038.00	-4,865.00
Elevation	311.40	311.40

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)

Description

Toussaint Shear Zone: Enveloppe from 93.7 to 96.27m; Core from 96.27 to 99.2m

Highest assay: 0.171 ppm Au from 97.0 to 98.0m (1.0m)

Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: No

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-44.0°	No	
Flexit	15.00	141.8°	-43.7°	No	
Flexit	45.00	142.1°	-43.3°	No	
Flexit	87.00	142.8°	-41.0°	No	
Flexit	126.00	144.3°	-40.6°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	3.40	OB									
		Overburden									
3.40	43.10	I3A									
		Gabbro									
		Medium dark to dark greenish grey; Medium to coarse grained; Mafic minerals dominantly than plagioclases; In general, massive with occasionall sheared intervals; Alteration dominantly CL1 to CL2 increases to CL3 in local interval, occasionaly with SI1 at places; Presence of sevral Qz veins; Sulfides mineralization Py, with occasional traces of fine grained, disseminated; Gradational contact									
	3.40	5.00	CL1								
			Chloritization 1								
	3.40	11.10	Sch0								
			Massive non foliated								
	3.58	3.62	V;0.01;Qz;;70°;;								
			Vein 0.01 Quartz 70°								
	5.00	5.40	CL1; SI1								
			Chloritization 1; Silicification 1								
	5.05	5.17	Vs;0.01%;Qz;;;;								
			Veins 0.01% Quartz								
			2 Qz veins, 1cm thicknesses								
	5.40	10.80	CL1	10.00	11.00	P089021	1.00	-0.005			0.000
			Chloritization 1								
	10.80	13.40	CL3; SI(1)	11.00	12.00	P089022	1.00	-0.005			0.000
			Chloritization 3; Silicification (1)								
	10.80	11.04	Vs;60%;Qz;;45°;;								
			Veins 60% Quartz 45°								
			Several Qz veins								
	11.04	12.16	Vs;20%;Qz;;;;								
			Veins 20% Quartz								
			Several Qz veins, // to foliation								
	11.10	12.10	Sch4								
			Shear 75°								
	11.40	12.00	Py(tr)	12.00	13.00	P089023	1.00	-0.005			0.000
			Pyrite (tr)								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Occasional traces of fine disseminated								
		Pytr								
12.10	29.20	Sch0								
		Massive non foliated								
13.18	13.40	Vs;;Qz;;45°;;								
		Veins Quartz 45°								
		Several Qz veins, 3-4cm thicknesses								
13.40	26.28	CL1								
		Chloritization 1								
26.28	27.10	CL2								
		Chloritization 2								
26.80	27.10	V;0.06;Qz Tl;;45°;;								
		Vein 0.06 Quartz Tourmaline 45°								
26.90	27.00	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine disseminated								
		Pytr								
27.10	29.10	CL1								
		Chloritization 1								
27.48	27.55	V;0.04;Qz;;75°;Py(tr);								
		Vein 0.04 Quartz 75° Pyrite (tr)								
		Qz ve								
29.10	29.60	CL2; SI1								
		Chloritization 2; Silicification 1								
29.20	29.74	Sch3								
		Foliation - strong 65°								
		Well developped foliation								
29.60	31.46	CL1								
		Chloritization 1								
29.74	31.47	Sch0	30.00	31.00	P089025	1.00	0.006			0.006
		Massive non foliated	31.00	32.00	P089026	1.00	-0.005			0.000
31.46	32.40	CL2; SI1								
		Chloritization 2; Silicification 1								
31.47	32.07	Sch3								
		Foliation - strong 70°								
		Well developped foliation								
31.60	32.10	Vs;10%;Qz;;;Py(tr);	32.00	33.00	P089027	1.00	0.009			0.009
		Veins 10% Quartz Pyrite (tr)								
		Several Qz veinlets, // to shear, with								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			disseminated Py(tr), on selvages								
	32.07	40.34	Sch0								
			Massive non foliated								
	32.40	41.00	CL1	40.00	41.00	P089028	1.00	0.056			0.056
			Chloritization 1								
	40.34	42.67	Sch3								
			Foliation - strong 75°								
			Well developped foliation								
	41.00	42.08	CL2; SI1								
			Chloritization 2; Silicification 1								
	41.00	42.65	Vs;40%;;;;;	41.00	42.00	P089029	1.00	0.006			0.006
			Veins 40%	42.00	43.00	P089030	1.00	0.012			0.012
			Several Qz veins, 4-10cm thicknesses max								
	42.08	42.65	SI2; CL2								
			Silicification 2; Chloritization 2								
	42.50	42.75	Pytr								
			Pyrite tr								
			Fine grained Pytr, disseminated								
	42.65	49.00	CL1								
			Chloritization 1								
	42.67	43.70	Sch0								
			Massive non foliated								
43.10	93.70		TU2-3; TD; TX; TC								
			Intermediate-mafic tuff; Ash tuff; Crystal tuff; Cherty tuff								
			Intermediate-mafic tuff, alternating tuff facies, Ashes tuff, crystal tuff, cherty tuff; Dark grey to pale greenish grey; Fine to medium grained; Massive to well laminated and bedded at places; Changes from massive non foliated to well slaty cleavage or foliation @ 75-80°AC; Chlorite Alteration dominantly, CL1 to CL2 and SI1 to SI2; Presence of several Qz veins and veinlets, occasionaly mineralized with PoPytr; Sulfides mineralization Pytr-1%, Potr, fine to medium grained, disseminated and // to foliation; Gradational contact								
	43.70	45.20	Sch1								
			Foliation - weak 75°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
45.20	48.60	Sch0								
		Massive non foliated								
47.50	47.60	Py01								
		Pyrite 1%								
		Fine grained Py1%, disseminated								
48.60	50.50	Sch3								
		Foliation - strong 82°								
49.00	61.20	CL2; SI1								
		Chloritization 2; Silicification 1								
50.50	51.46	Sch0								
		Massive non foliated								
51.46	54.00	Sch2								
		Foliation - moderate 75°								
54.00	61.20	Sch3								
		Foliation - strong 70°								
		Well developped foliation								
55.00	55.50	Vs;3%;;;;;								
		Veins 3%								
		Several Qz veinlets								
57.05	57.60	Vs;;Qz;;;Pytr;	58.00	59.00	P089031	1.00	0.007			0.007
		Veins Quartz Pyrite tr								
		Several Qz veins								
58.60	58.82	V;0.13;Qz;;70°;;	59.00	60.00	P089032	1.00	0.007			0.007
		Vein 0.13 Quartz 70°								
59.10	59.50	Py(tr)	60.00	61.00	P089034	1.00	0.006			0.006
		Pyrite (tr)	61.00	62.00	P089035	1.00	-0.005			0.000
		Occasional traces of fine disseminated								
		Pytr and associated to Qz veins								
61.20	65.50	CL2; SI1								
		Chloritization 2; Silicification 1								
61.20	69.77	Sch0								
		Massive non foliated								
62.14	62.66	Vs;3%;Qz;;;;								
		Veins 3% Quartz								
		Several Qz veinlets, with no								
		preferentials orientations								
65.50	69.60	CL1	69.00	70.00	P089036	1.00	0.006			0.006
		Chloritization 1								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
69.60	70.40	SI2; CL1								
		Silicification 2; Chloritization 1								
69.77	71.20	Sch3								
		Foliation - strong 80°								
		Well developped foliation								
69.80	70.30	Py01	70.00	71.00	P089037	1.00	0.007			0.007
		Pyrite 1%								
		Fine grained Py1%, disseminated, // to foliation and associated to Qz veins								
70.10	70.36	Vs;50%;Qz;;;Py(tr);								
		Veins 50% Quartz Pyrite (tr)								
		Several Qz veins, 1-4cm thicknesses max, with occasional traces of Py, disseminated								
70.40	77.20	CL(1); SI(1)								
		Chloritization (1); Silicification (1)								
71.20	73.20	SC2								
		Moderate cleavage 77°								
73.20	77.47	Sch0	76.00	77.00	P089038	1.00	0.007			0.007
		Massive non foliated	77.00	78.00	P089039	1.00	0.007			0.007
77.20	78.40	SI2; CL1								
		Silicification 2; Chloritization 1								
77.40	77.60	Vs;80%;Qz;;;PyPotr;								
		Veins 80% Quartz Pyrite & Pyrrhotite tr								
		Several Qz veins and veinlets, with fine grained PyPotr, diisseminated								
77.47	77.80	Sch4								
		Shear 80°								
77.60	77.70	PoPytr								
		Pyrrhotite & Pyrite tr								
		Fine to medium grained PoPytr, disseminated								
77.80	77.95	Sch0								
		Massive non foliated								
77.95	78.80	SC2	78.00	79.00	P089040	1.00	0.008			0.008
		Moderate cleavage 75°								
78.40	80.30	CL1								
		Chloritization 1								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
78.80	80.40	Sch0								
		Massive non foliated								
80.30	80.83	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
80.40	80.61	Sch4								
		Shear 75°								
80.40	80.45	Po(tr)								
		Pyrrhotite (tr)								
		Occasional traces of fine disseminated								
		Potr								
80.40	80.86	Vs;0.05%;Qz;;80°;;								
		Veins 0.05% Quartz 80°								
		2 Qz veins, 5cm thicknesses max								
80.61	84.85	Sch0								
		Massive non foliated								
80.83	91.50	CL1								
		Chloritization 1								
82.84	82.90	V;0.01;Qz;;80°;;								
		Vein 0.01 Quartz 80°								
84.42	87.20	Py01								
		Pyrite 1%								
		Fine to medium grained Py1%, disseminated								
84.85	85.20	Sch3	85.00	86.00	P089041	1.00	-0.005			0.000
		Foliation - strong 75°								
		Well developped foliation								
85.20	88.20	Sch0	86.00	87.00	P089043	1.00	-0.005			0.000
		Massive non foliated	87.00	88.00	P089044	1.00	0.005			0.005
88.20	91.60	Sch0	90.00	91.00	P089045	1.00	-0.005			0.000
		Massive non foliated								
88.20	90.30	Py01								
		Pyrite 1%								
		Fine to medium grained Py, disseminated								
90.30	92.90	Py(tr)	91.00	92.00	P089046	1.00	0.005			0.005
		Pyrite (tr)								
		Occasional traces of fine grained Py, disseminated								
91.50	91.75	CL2; SI2								
		Chloritization 2; Silicification 2								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	91.60	91.77	Sch3 **Foliation - strong 80°** Well developped to weakly sheared								
	91.64	91.68	V;0.03;Qz;;80°;Pytr; **Vein 0.03 Quartz 80° Pyrite tr** Fine grained Pytr, disseminated on selvages								
	91.75	93.90	SI1; CL(1) **Silicification 1; Chloritization (1)**								
	91.77	92.60	Sch0 **Massive non foliated**	92.00	93.00	P089047	1.00	-0.005			0.000
	92.60	93.90	SC1 **Weak cleavage 80°** Weak slaty cleavage								
	93.00	93.80	PoPy(tr) **Pyrrhotite & Pyrite (tr)** Occasional traces of fine grained PoPytr, disseminated	93.00	94.00	P089048	1.00	0.005			0.005
93.70	99.20	AE; Sch4 **Altered rock; Sheared** Toussaint type shear zone, with its enveloppe; -93.70-96.27m: Toussaint enveloppe; Altered TU2-3, TD, TC; Greenish grey; Fine to medium grained; Well laminated; Changes from moderate to well developped cleavage@ 75-80°AC; Chlorite alteration dominantly CL1 to CL2 at the unit, SI1 up to SI2 at places; Presence of Qz vein, with occasional traces of disseminated PoPy; Sulfides mineralization PyPotr, up to 1% at centimetric interval, disseminated and // to foliation -96.27-99.20m: Toussaint shear zone (heart); Yellowish; Alteration obliterates original texture of the rock; Strongly sheared@ 80°AC; SI3, SR3; Several Qz veins // to shear, with disseminated PoPy, local traces of Cptr; Sulfides mineralization PoPy2-4%, disseminated // to foliation and associated to veins; Gradational contact								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
93.80	95.80	Py(tr) **Pyrite (tr)** Occasioonal traces of fine grained Pytr, disseminated up to 1% in centimetric band at 95.13m								
93.90	95.50	CL2; SI1 **Chloritization 2; Silicification 1**								
93.90	96.45	SC3 **Strong cleavage 78°** Well developped slaty cleavage								
93.93	94.00	V;0.06;Qz;;80°;Pytr; **Vein 0.06 Quartz 80° Pyrite tr** Fine grained Py, disseminated on selvages	94.00 95.00	95.00 96.00	P089049 P089050	1.00 1.00	-0.005 0.008			0.000 0.008
95.50	96.00	SI2; CL1 **Silicification 2; Chloritization 1**								
95.50	95.55	V;;Qz;;;PyPo(tr); **Vein Quartz Pyrite & Pyrrhotite (tr)** Qz vein, irregular thickness, 3cm max, with fine traces PyPo, disseminated init and on selvages								
95.80	96.30	PyPotr **Pyrite & Pyrrhotite tr** Fine grained PyPotr, disseminated								
96.00	96.30	CL2; SI(1) **Chloritization 2; Silicification (1)**	96.00	97.00	M046815	1.00	0.127			0.127
96.20	99.10	Vs;;Qz;;;PoPytr Cp(tr); **Veins Quartz Pyrrhotite & Pyrite tr Chalcopyrite (tr)** Several Qz Veins and Veinlets, // to shear, 1-4cm thicknesses max, with disseminated PoPytr and local Cpy at 99.05m								
96.30	99.23	SI3; SR3 **Silicification 3; Sericitization 3**								
96.30	98.50	PoPy03 **Pyrrhotite & Pyrite 3%** Fine to medium grained PoPy2-4%,								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			disseminated, // to foliation and associated to Qz veins								
	96.45	99.07	Sch4+	97.00	98.00	M046816	1.00	0.171			0.171
			Shear - strong 80°	98.00	99.00	M046818	1.00	0.019			0.019
	98.50	99.30	PoPytr; Cp(tr)	99.00	100.00	M046819	1.00	0.056			0.056
			Pyrrhotite & Pyrite tr;								
			Chalcopyrite (tr)								
			Fine grained P0Pytr, disseminated; Local traces of fine grained Cpy, disseminated and associated to Qz vein								
	99.07	99.20	Sch3								
			Foliation - strong 80°								
99.20	126.00		I3A								
			Gabbro								
			Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; In general massive non foliated; Pervasive Chlorization CL1; Presence of Qz vein, 2cm thickness at 121.50m; fine to medium grained Py1% at 105.05-105.20m								
	99.20	126.00	Sch0								
			Massive non foliated								
	99.23	126.00	CL1	100.00	101.00	M046820	1.00	0.007			0.007
			Chloritization 1								
	104.70	104.90	Pytr								
			Pyrite tr								
	105.05	105.20	Py01								
			Pyrite 1%								
			Fine to medium grained Py1%, disseminated								
	121.50	121.55	V;0.02;Qz;;30°;Pytr;								
			Vein 0.02 Quartz 30° Pyrite tr								
126.00	**End of DDH**										
	Number of samples: 32										
	Number of QAQC samples: 4										
	Total sampled length: 32.00										

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
12.00	13.00	P089024	P089023	1.00	-0.005				0.000
60.00	60.01	P089033	Blank	0.01	-0.005				0.000
86.00	86.01	P089042	SJ53	0.01	2.660				2.660
98.00	98.01	M046817	Blank	0.01	-0.005				0.000

Viking Gold

DDH: **VP-12-31**

		Claims title:	5105353	Section:	L4650
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val D'or
Drilled by:	Forages. M Rouilllier	Lot:			
Described by:	Mario.Bolduc - Chafik.Bahloul	From:	22/11/2012	Description date:	24/11/2012
		To:	23/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	129.00 m

	UTM NAD83	Detail grid
East	369,886.60	4,650.00
North	5,433,008.20	-4,866.00
Elevation	311.20	311.20

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	92.20	93.00	0.80	0.74	0.996

Description

Toussaint Shear Zone: Core from 91.37 to 95.4m
Highest assays: 0.996 ppm Au from 92.2 to 93.0 (0.8m)
Casing Removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	15.00	143.3°	-45.0°	No	
Flexit	45.00	1.9°	-44.9°	Yes	
Flexit	93.00	145.9°	-45.0°	No	
Flexit	129.00	146.2°	-45.1°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	3.53	OB									
		Overburden									
	0.00	5.90	Sch0								
			Massive non foliated								
3.53	12.78	TU2									
		Intermediate tuff									
		Intermediate tuff, alternating tuff facies, Cherty tuff, Ashes tuff, Crystal tuff; Greenish grey; Fine to medium grained, massive to well laminated, well bedded; Changes from massive non foliated to well developped cleavage@60-70°AC; In general CL1, with occasional centimetric intervals with SI(1) and weathering alteration at places affected mainly fractures; Sulfides mineralization Py with occasional traces of fine grained, disseminated and/or // to foliation; Gradational contact									
	3.53	6.50	CL1								
			Chloritization 1								
			CL1 pervasive								
	3.53	3.73	Py00.5								
			Pyrite 0.5%								
			Fine to medium grained Pytr-1%, disseminated								
	3.73	3.87	Py01								
			Pyrite 1%								
			Corase grained Py1%, disseminated and associated with Qz Veins on selvages								
	3.87	4.33	Pytr								
			Pyrite tr								
			Fine to medium grained Pytr, disseminated								
	4.33	4.56	Py01								
			Pyrite 1%								
			Coarse grained Py1% idioblastic, disseminated								
	4.56	4.98	Pytr								
			Pyrite tr								
			Fine to medium grained Pytr, disseminated								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
4.98	5.01	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated and associated with Qz veins								
5.01	5.52	Pytr **Pyrite tr** Coarse grained Pytr, disseminated								
5.52	5.76	Py01.5 **Pyrite 1.5%** Coarse idioblastic grained Py1-2%, disseminated								
5.76	6.14	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and associated with Qz veins								
5.90	9.00	SC2 **Moderate cleavage 68°**								
6.14	6.28	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated and associated with Qz Vein								
6.28	12.77	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated								
6.50	12.76	SI(1); CL(1) **Silicification (1); Chloritization (1)** Occasional thin intervals with SI1, CL1								
9.00	12.78	SC3; BR **Strong cleavage 3°; Breccia** Micro brecciated interval								
12.76	14.60	CL2; SI1 **Chloritization 2; Silicification 1**								
12.77	30.65	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and associated with Qz								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			Veins on selvages								
12.78	33.82	I3A									
		Gabbro									
		Dark greenish; Fine to medium grained, homogeneous; Mafic minerals dominantly than plagioclases; massive non foliated to weakly foliated@ 60-70°AC, strongly foliated at intervals; CL1 alteration dominantly increases to CL3 in occasional intervals, several SI1, EP1 at places near Qz veins, HM1 affected fractures; Presence of several Qz-Cc-(Ep)veins, with occasional disseminated Pytr on selvages; Occasional traces of fine grained Pytr, disseminated at unit; Gradational contact									
	12.78	33.82	Sch0								
			Massive non foliated								
			Massive non foliated to weakly foliated								
	13.20	13.90	Vs;3%;Qz Cc;;;Pytr;								
			Veins 3% Quartz Calcite Pyrite tr								
			Several Qz-(Cc) Veins, 0.3-2.5cm thicknesses max, 60-70°AC, // to foliation, with disseminated Pytr on selvages								
	14.60	15.40	CL3								
			Chloritization 3								
	14.65	16.00	Vs;35%;Qz;;65°;Pytr;								
			Veins 35% Quartz 65° Pyrite tr								
			Several Qz-(Cc) Veins, coarse grained of Qz, 1-15cm thicknesses max, 60-70° AC, // to foliation, with disseminated Pytr on selvages; CL3 on selvages								
	15.40	33.80	CL1; EP(1)								
			Chloritization 1; Epidotization (1)								
			EP1 at places associated with Qz veins								
	16.00	17.60	Vs;;Qz Ep Cc;;;Pytr;								
			Veins Quartz Epidote Calcite Pyrite tr								
			Several Qz-Ep-(Cc) Veins, irregular, 0.2-15cm thicknesses max, 45-70°AC, with disseminated Pytr on selvages								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	18.93	18.97	V;0.018;Qz Fp Ep;;65°;; **Vein 0.018 Quartz Feldspar (alkaline) Epidote 65°**								
	25.15	25.25	V;0.05;Qz Ep Cc;;55°;Pytr; **Vein 0.05 Quartz Epidote Calcite 55° Pyrite tr**								
	30.65	30.78	Py00.5 **Pyrite 0.5%** Coarse grained Pytr-1%, disseminated and associated with Qz vein								
	30.67	30.78	V;0.025;Qz;;45°;Pytr; **Vein 0.025 Quartz 45° Pyrite tr** Irregular Qz Vein								
	30.78	32.28	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated								
	32.28	32.44	Py01 **Pyrite 1%** Coarse grained Pytr-1%, disseminated								
	32.44	34.26	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated	33.00	34.00	M046897	1.00	0.006			0.006
	33.80	35.35	CL3; SI1 **Chloritization 3; Silicification 1**								
33.82	91.37		TU2-3; TC; TD; TX **Intermediate-mafic tuff; Cherty tuff; Ash tuff; Crystal tuff** Intermediate-Mafic tuff, alternating tuff facies, Cherty tuff, Ashes tuff, Crystal tuff; Pale grey to dark greenish grey; Fine to medium grained, massive to well laminated, well bedded tuff; Changes from massive non foliated to well developped cleavage@60-70°AC, occasionaly sheared; In general CL1 to CL2 alteration increases to CL3 at palces, with occasional thin intervals with SI(1) and SI(2) near Qz veins; SR1 to SR2 associated with thin sheared intervals; Several Qz-Cc-(Tl) veins and Veinlets, 0.2-4cm thicknesses max, with non	34.00	35.00	M046899	1.00	0.010			0.010

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		preferential orientations; Sulfides mineralization Pytr up to Py1-2% locally at thin interval, disseminated and occasionaly associated with Qz veins; Gradational contact								
33.82	35.30	Sch3 **Foliation - strong 72°**								
34.06	35.35	Vs;3%;Qz Cc;;70°;Py00.5 Cptr; **Veins 3% Quartz Calcite 70°** **Pyrite 0.5% Chalcopyrite tr** Several Qz-(Cc) Veins, brecciated, 0.4-5cm thicknesses max, 60-70°AC, with disseminated Pytr-1%, Cptr on selvages								
34.26	34.47	Py01; Cp(tr) **Pyrite 1%; Chalcopyrite (tr)** Fine to medium grained Py1%, disseminated and associated with Qz veins; Local traces of Cp associated with QZ vein								
34.47	35.35	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated up to Py1% and associated with Qz veins	35.00	36.00	M046900	1.00	-0.005			0.000
35.30	47.40	SC3 **Strong cleavage 62°**								
35.35	36.30	CL(1) **Chloritization (1)**								
35.35	38.88	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated	36.00	37.00	M046901	1.00	-0.005			0.000
36.30	36.70	CL1; SI(1) **Chloritization 1; Silicification (1)**								
36.70	38.20	CL2; SI(1) **Chloritization 2; Silicification (1)** SI1 near Qz veins								
38.20	39.87	CL2; SI1 **Chloritization 2; Silicification 1**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
38.88	40.00	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
39.87	47.35	CL1; Sl(1) **Chloritization 1; Silicification (1)**								
40.00	40.35	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1-2%, disseminated								
40.35	41.58	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
41.58	43.47	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and associated with Qz veinlets								
43.47	43.56	Py01; Cp(tr) **Pyrite 1%; Chalcopyrite (tr)** Fine to medium grained Py1%, disseminated and associated with Qz veins; Local traces of Cp associated with QZ vein								
43.47	43.56	V;0.04;Qz;;68°;Py01 Cptr; **Vein 0.04 Quartz 68° Pyrite 1%** **Chalcopyrite tr** Irregular milky Qz vein								
43.56	46.13	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
43.56	61.12	Vs;2%;Qz;;;Py01; **Veins 2% Quartz Pyrite 1%** Several Qz-(Cc) Veins, boudined, 0.5-1cm thicknesses max, 60-85°AC, with disseminated Pytr-2% on selvages	46.00	47.00	M046902	1.00	0.005			0.005
46.13	46.19	Po01; Pytr **Pyrrhotite 1%; Pyrite tr**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Fine to medium grained Po1%, Pytr, occurs as disseminated and as stringers								
46.19	46.47	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr, disseminated								
46.47	46.85	Po01.5; Pytr								
		Pyrrhotite 1.5%; Pyrite tr								
		Fine to medium grained Po1-2%, Pytr, disseminated								
46.85	46.95	Po00.5; Pytr								
		Pyrrhotite 0.5%; Pyrite tr								
		Fine to medium grained Potr-1%, Pytr, disseminated								
46.95	48.58	Pytr	47.00	48.00	M046903	1.00	-0.005			0.000
		Pyrite tr								
		Fine to medium grained Py1%, idioblastic, disseminated								
47.35	47.43	SI2; CL2								
		Silicification 2; Chloritization 2								
47.40	50.00	Sch0								
		Massive non foliated								
47.43	49.23	CL2; SI(1)	48.00	49.00	M046904	1.00	-0.005			0.000
		Chloritization 2; Silicification (1)								
48.58	49.21	Py01	49.00	50.00	M046905	1.00	-0.005			0.000
		Pyrite 1%								
		Fine to medium idioblastic grained Py1%, disseminated								
49.23	49.36	FRH								
		Non-altered fresh rock								
49.36	50.25	CL2; SI1								
		Chloritization 2; Silicification 1								
49.36	49.54	Po00.5; Pytr								
		Pyrrhotite 0.5%; Pyrite tr								
		Fine to medium grained Potr-1%, Pytr, occurs as disseminated and associated with Qz veins								
49.54	49.67	Pytr								
		Pyrite tr								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Fine to medium grained Potr, disseminated								
49.67	49.81	Py02 **Pyrite 2%** Fine to medium grained Py2%, occurs as disseminated and as stringers								
49.81	50.07	Py01 **Pyrite 1%** Fine to medium grained Py2%, disseminated								
50.00	50.45	SC2 **Moderate cleavage 65°**	50.00	51.00	M046906	1.00	-0.005			0.000
50.07	50.25	Py02; Cptr **Pyrite 2%; Chalcopyrite tr** Fine to medium grained Py2%, Cptr, disseminated								
50.25	50.42	SI2; CL1 **Silicification 2; Chloritization 1** Diffuse SI2								
50.25	50.44	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
50.42	53.00	CL2; SI1 **Chloritization 2; Silicification 1**								
50.44	51.28	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
50.45	55.00	Sch0 **Massive non foliated**	51.00	52.00	M046908	1.00	-0.005			0.000
51.28	51.48	Py01.5 **Pyrite 1.5%** Fine to medium idioblastic grained Py1-2%, disseminated								
51.48	51.83	Pytr **Pyrite tr** Occasional traces of fine grained Pytr, disseminated								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
51.83	52.34	Py01 **Pyrite 1%** Fine to medium idioblastic grained, disseminated	52.00	53.00	M046909	1.00	0.009			0.009
52.34	57.84	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
53.00	57.60	CL1; SI(1) **Chloritization 1; Silicification (1)** SI(1) near Qz veins								
55.00	58.63	SC1 **Weak cleavage**								
57.60	60.80	CL1 **Chloritization 1**								
57.84	58.04	Potr; Pytr **Pyrrhotite tr; Pyrite tr** Fine to medium grained Potr, Pytr, disseminated								
58.04	60.35	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
58.63	60.60	SC1 **Weak cleavage 66°**								
60.35	61.09	Py01.5 **Pyrite 1.5%** Fine to medium idioblastic grained Pytr-2%, disseminated								
60.60	62.06	SC1 **Weak cleavage 68°**								
60.80	62.80	CL1; SI(1) **Chloritization 1; Silicification (1)**								
61.09	72.94	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr1%, disseminated and occasionaly associated with Qz veins								
62.06	62.30	Sch0								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Massive non foliated								
62.30	65.44	SC1								
		Weak cleavage 67°								
		Weak cleavage, micro brecciated								
62.80	66.00	CL1; SI1								
		Chloritization 1; Silicification 1								
		CL1 increases to CL2 at intervals								
64.10	64.50	Vs;5%;Qz Cc;;70°;Pytr;								
		Veins 5% Quartz Calcite 70°								
		Pyrite tr								
		Several Qz-(Cc) Veins and veinlets,								
		0.1-1.2cm thicknesses max, 85°AC, with								
		disseminated Pytr on selvages								
65.15	65.40	Vs;;Qz Cc;;68°;Pytr;								
		Veins Quartz Calcite 68° Pyrite tr								
		Several Qz-(Cc) Veins, brecciated,								
		1.5-2cm thicknesses max, 68°AC, with								
		disseminated Pytr on selvages								
65.40	68.10	Vs;6%;Qz;;70°;;								
		Veins 6% Quartz 70°								
		Several Qz-(Cc) veinlets,								
		microbrecciated, 1-3mm thicknesses								
		max, 70°AC								
65.44	72.00	SC3								
		Strong cleavage 3°								
		Strong cleavage, microbrecciated								
66.00	69.40	SI1; CL(1)								
		Silicification 1; Chloritization (1)								
68.10	68.35	V;3;Qz Cc Tl;;75°;Pytr;								
		Vein 3 Quartz Calcite Tourmaline								
		75° Pyrite tr								
		Qz-Cc-Tl Vein, brecciated, 1.2-4cm								
		thickness, with disseminated Pytr								
68.75	68.85	V;;Qz;;70°;;								
		Vein Quartz 70°								
		Qz vein, irregular, 0.2-0.8cm thickness								
69.40	70.20	CL1; SI1								
		Chloritization 1; Silicification 1								
69.54	69.61	V;0.022;Qz;;65°;Py01;								
		Vein 0.022 Quartz 65° Pyrite 1%								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Milky Qz vein								
70.20	74.10	CL1; SI1								
		Chloritization 1; Silicification 1								
		CL1 increases to CL2 near Qz veins								
70.72	71.12	Vs;10%;Qz Cc;;66°;Py(tr);								
		Veins 10% Quartz Calcite 66°								
		Pyrite (tr)								
		Several Qz-(Cc) veinlets, 0.1-0.4mm thicknesses max, 66°AC, with disseminated Py(tr) on selvages								
71.50	73.98	Vs;3%;Qz;;;Py01;								
		Veins 3% Quartz Pyrite 1%								
		Several milky Qz-(Cc) Veins, 0.3-4cm thicknesses max, 60-70°AC, with disseminated Pytr-2% on selvages								
72.00	73.68	Sch0	72.00	73.00	M046910	1.00	0.010			0.010
		Massive non foliated								
72.94	73.08	Potr; Pytr	73.00	74.00	M046911	1.00	0.062			0.062
		Pyrrhotite tr; Pyrite tr								
		Fine to medium grained Potr, Pytr, disseminated and associated with Qz vein on selvages								
73.08	73.84	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated								
73.68	74.62	SC1								
		Weak cleavage 70°								
73.84	73.97	Po01; Cptr; Pytr								
		Pyrrhotite 1%; Chalcopyrite tr;								
		Pyrite tr								
		Fine to medium grained Pytr, Cptr associated with Qz Vein; Po1% occurs as blebs								
73.97	87.02	Py00.5	74.00	75.00	M046912	1.00	0.119			0.119
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%, occasionaly idioblastic, disseminated and associated with Qz veins								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
74.10	78.40	CL(1)								
		Chloritization (1)								
74.62	76.20	Sch0	75.00	76.00	M046913	1.00	0.050			0.050
		Massive non foliated	76.00	77.00	M046914	1.00	0.042			0.042
76.20	76.60	SC1								
		Weak cleavage 71°								
76.58	76.69	Vs;10%;Qz Cc;;65°;Py01;								
		Veins 10% Quartz Calcite 65°								
		Pyrite 1%								
		Several Qz-(Cc) Veins, 1-5mm thicknesses max, in shear interval, 60-70°AC, with disseminated Py1% on selvages								
76.60	76.70	Sch4								
		Shear 68°								
76.70	77.05	SC1	77.00	78.00	M046915	1.00	-0.005			0.000
		Weak cleavage 70°								
77.05	78.30	Sch0								
		Massive non foliated								
77.36	77.42	V;0.05;Qz;;75°;;								
		Vein 0.05 Quartz 75°								
		Milky Qz vein								
78.30	79.28	SC1								
		Weak cleavage 70°								
78.40	86.64	CL1; SI(1)								
		Chloritization 1; Silicification (1)								
		SI1 near Qz veins								
78.48	78.51	Vn;1;Qz;;70°;;								
		Veinlet 1 Quartz 70°								
		Irregular Qz veinlet								
79.28	83.70	Sch0								
		Massive non foliated								
83.70	84.25	SC1								
		Weak cleavage 67°								
84.25	85.00	Sch0								
		Massive non foliated								
85.00	85.23	SC1	85.00	86.00	M046917	1.00	0.007			0.007
		Weak cleavage 67°								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	85.23	86.64	Sch0	86.00	87.00	M046918	1.00	-0.005			0.000
			Massive non foliated								
	86.64	88.00	CL3; SI1								
			Chloritization 3; Silicification 1								
			SI1 increases to SI2 near Qz veins								
	86.64	88.00	Sch3								
			Foliation - strong 60°								
	86.80	86.87	V;0.07;Qz;;85°;Pytr;	87.00	88.00	M046919	1.00	-0.005			0.000
			Vein 0.07 Quartz 85° Pyrite tr								
			Milky Qz vein, coarse grained Qz, with disseminated Pytr								
	87.02	87.13	Py02.5								
			Pyrite 2.5%								
			Fine to medium grained Py2-3%, associated with Qz vein , disseminated on selvages								
	87.07	87.50	Vs;25%;Qz Tl Cc;;62°;Py01;								
			Veins 25% Quartz Tourmaline								
			Calcite 62° Pyrite 1%								
			Several Qz-Tl-(Cc) Veins, coarse grained, 0.5-13cm thicknesses max, 60-65°AC, with disseminated Py1% on selvages								
	87.13	91.54	Py00.5; Po(tr)								
			Pyrite 0.5%; Pyrrhotite (tr)								
			Fine to medium grained Pytr-1%, disseminated and associated with Qz veins; Occasional traces of Po, disseminated								
	88.00	91.37	CL1	88.00	89.00	M046920	1.00	-0.005			0.000
			Chloritization 1								
	88.00	88.24	SC2								
			Moderate cleavage 60°								
	88.24	91.37	Sch1	89.00	90.00	M046921	1.00	-0.005			0.000
			Foliation - weak 67°	90.00	90.70	M046922	0.70	-0.005			0.000
				90.70	91.37	M046923	0.67	0.013			0.013
91.37	95.40		AE; Sch4								
			Altered rock; Sheared								
			Toussaint shear zone (core); Pale green Yellowish;								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Alteration obliterates original texture of the rock; Strongly sheared@ 65-75°AC; SI3, SR3 with CL1 alteration; Several Qz veins, 5-10%, // to shear, with disseminated PoPy, occasionaly Cp init and on selvages; Sulfides mineralization Py2-3%, Po2%, Cp(tr), occurs as disseminated, stringers // to shear and associated with Qz veins; Gradational contact								
91.37	91.70	CL2; SI(1) **Chloritization 2; Silicification (1)**								
91.37	95.40	Sch4+ **Shear - strong 70°**								
91.37	95.40	Vs;30%;Qz;;;Py02 Po02 Cp(tr); **Veins 30% Quartz Pyrite 2% Pyrrhotite 2% Chalcopyrite (tr)** Several Qz and smoked Qz Veins, coarse grained, 0.1-8cm thicknesses max, 60-80°AC, with disseminated Py1-3%, Po1-3%, Cp(tr) init and on selvages	91.37	92.20	M046924	0.83	0.244			0.244
91.54	92.39	Py01.5; Potr **Pyrite 1.5%; Pyrrhotite tr** Fine to medium grained Py1-2%, Potr, occurs as disseminated, stringers // to shear and associated with Qz veins								
91.70	95.40	SR3; SI3; CL1 **Sericitization 3; Silicification 3; Chloritization 1**	92.20	93.00	M046926	0.80	0.996			0.996
92.39	93.02	Py02.5; Potr **Pyrite 2.5%; Pyrrhotite tr** Fine to medium grained Py2-3%, Potr, occurs as disseminated, stringers // to shear and associated with Qz veins on selvages	93.00	94.00	M046927	1.00	0.405			0.405
93.02	94.20	Py02; Potr **Pyrite 2%; Pyrrhotite tr** Fine to medium grained and blebs of Py1-3%, Potr, occurs as disseminated, stringers // to shear and associated with Qz veins	94.00	94.70	M046928	0.70	0.010			0.010

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	94.20	95.40	Po02; Py01; Cp(tr) **Pyrrhotite 2%; Pyrite 1%; Chalcopyrite (tr)** Fine to medium grained Po1-3%, Pytr-1%, occasionaly Cp(tr), occurs as disseminated, stringers // to shear and associated with Qz veins	94.70	95.40	M046929	0.70	0.026			0.026
95.40	129.00	I3A **Gabbro** Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; In general massive non foliated with local well developped to weakly sheared interval at: 116.95-118.80m; Pervasive Chlorization CL1 increses to CL3 in thin interval ; Mainly Qz veins at sheared interval, 0.2-0.6cm thicknesses, with disseminated Pytr Cptr on selvages; Sulfides mineralization Py(tr), disseminated with local thin interval with Py1%, Cp1% associated with fracture plan		95.40	96.20	M046930	0.80	0.023			0.023
	95.40	116.90	CL1 **Chloritization 1**								
	95.40	95.70	Sch1 **Foliation - weak 75°**								
	95.40	108.65	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated								
	95.70	116.70	Sch0 **Massive non foliated** Massive non foliated to weakly foliated	96.20	97.00	M046931	0.80	0.076			0.076
	100.25	102.12	Vs;3%;Qz Cc;;;Py01; **Veins 3% Quartz Calcite Pyrite 1%** Several Qz-Cc and smoked Qz-Cc Veins, 0.5-2cm thicknesses max, 25-45° AC, with disseminated Pytr-2%								
	106.02	118.45	Vs;5%;Qz;;;Py00.5; **Veins 5% Quartz Pyrite 0.5%** Several milky Qz vein, coarse grained,								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		locally smoked, 0.3-6.5cm thicknesses max, boudined, with disseminated Pytr-1%								
108.65	108.95	Py01; Cp01	116.00	116.90	M046932	0.90	-0.005			0.000
		Pyrite 1%; Chalcopyrite 1%								
		Fine to medium grained Py1%, Cp1% // to fracture plans								
116.70	116.95	Sch1								
		Foliation - weak 65°								
116.90	118.70	CL3; Sl(1)	116.90	118.00	M046933	1.10	0.008			0.008
		Chloritization 3; Silicification (1)								
		Sl1 near Qz veins								
116.95	118.80	Sch4								
		Shear 45°								
		Shear @ 45-75°AC								
117.29	117.35	Py02; Cptr								
		Pyrite 2%; Chalcopyrite tr								
		Fine to medium grained Py, Cp, disseminated and // to foliation								
117.40	117.70	Py00.5	118.00	119.00	M046935	1.00	0.028			0.028
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%, disseminated and associated with Qz-Tl veins								
118.70	129.00	CL1								
		Chloritization 1								
118.80	119.10	Sch0	119.00	120.00	M046936	1.00	0.013			0.013
		Massive non foliated 62°								
119.10	129.00	Sch0								
		Massive non foliated								
124.00	129.00	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Py								
126.76	126.81	Vs;5%;Qz Cc;;62°;;								
		Veins 5% Quartz Calcite 62°								
		Several Qz-Cc vein, irregulars, 0.4-0.6cm thicknesses, with disseminated Pytr on selvages; CL1 on selvages								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
127.40	127.50	Vs;1%;Qz Cc Ep;;65°;Py(tr); **Veins 1% Quartz Calcite Epidote** **65° Pyrite (tr)** Sevveral Qz -Cc-(Ep) Vein, 0.3cm thickness max, fault, 60-70°AC, with occasional traces of fine grained Py on selvages								
129.00		**End of DDH** **Number of samples: 35** **Number of QAQC samples: 5** **Total sampled length: 33.00**								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
34.00	34.01	M046898	Blank	0.01	-0.005				0.000
51.00	51.01	M046907	SL61	0.01	6.290				6.290
77.00	78.00	M046916	M046915	1.00	-0.005				0.000
92.20	92.21	M046925	Blank	0.01	-0.005				0.000
118.00	118.01	M046934	SJ53	0.01	2.700				2.700

Viking Gold

DDH: **VP-12-32**

		Claims title:	5105353	Section:	L4600E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val D'or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Mario Bolduc - Chafik.Bahloul	From:	23/11/2012	Description date:	25/11/2012
		To:	24/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	112.90 m

	UTM NAD83	Detail grid
East	369,843.70	4,600.00
North	5,432,982.70	-4,862.00
Elevation	310.50	310.50

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	105.00	106.00	1.00	0.93	0.772

Description

Toussaint Shear Zone: Core from 90.35 to 92.34m

Highest assays: 0.772 ppm Au from 105.0 to 106.0m (1.0m)

Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	18.00	146.5°	-44.5°	No	
Flexit	48.00	146.7°	-44.3°	No	
Flexit	93.00	148.0°	-43.9°	No	
Flexit	112.90	148.6°	-43.5°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	6.70	OB									
		Overburden									
	0.00	10.00	Sch0								
			Massive non foliated								
6.70	90.35	TU2; TC; TD; TX									
		Intermediate tuff; Cherty tuff; Ash tuff; Crystal tuff									
		Intermediate tuff; Alternating tuff facies, Cherty tuff, Ashes tuff and occasional intervals with lapilli tuff; Pale grey to greeenish grey; Fine to medium grained, coarses in lapilli tuff intervals; Massive to well laminated, well bedded; Massive non foliated to well developped slaty cleavage @ 65-75° AC, thin shear at places; At 11.05-16.4m and 21.45-23.2m the rock is affected by shear zone and presence of fault gouge; In general CL1 alteration, increases to CL2-CL3 at places, SI1alteration increases occasionally to SI2 at thin intervals, locally SR1 to SR2 at: 21.45-21.85m; Presence of several Qz Vein, locally Qz-(Tl) Vein, max15cm thicknesses, some // to foliation, others with no preferential orientations; Sulfides mineralization, fine tomedium ggrained, occasionally blebs of Pytr up to 2% at places, locally Potr and Cptr, disseminated, stringers // to foliation and occasionaly associated with Qz Veins and Veinlets; Gradational contact									
	6.70	10.00	CL2; OX1								
			Chloritization 2; Oxidation 1								
			OX1 in fractures plans								
	6.70	7.36	Pytr								
			Pyrite tr								
			Fine grained Pytr, disseminated								
	7.36	9.41	Py00.5								
			Pyrite 0.5%								
			Coarse grained idiomorphic Pytr-1%, disseminated								
	9.35	9.70	Vs;3%;Qz Cc;;65°;;								
			Veins 3% Quartz Calcite 65°								
			Several Qz-Cc veinlets, 1cm thicknesses max, 65°AC								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
9.41	10.00	Py01 **Pyrite 1%** Coarse grained idiomorphic Pytr-1%, disseminated								
10.00	10.57	CL1; SI1 **Chloritization 1; Silicification 1**								
10.00	11.00	SC2 **Moderate cleavage 66°**								
10.00	18.45	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated, in fractures and associated with Qz veins								
10.57	11.05	CL2 **Chloritization 2**								
11.00	12.90	Sch3 **Foliation - strong 69°** Well developped foliation to weakly sheared; Micro brecciated unit								
11.05	15.19	CL2; CB1; SI1; SR(1) **Chloritization 2; Carbonatization 1; Silicification 1; Sericitization (1)**								
12.90	14.40	Sch4; FX **Shear 75°; Fault** Weakly sheared; Micro brecciated unit; Local fault gouge								
14.40	16.35	Sch3 **Foliation - strong 70°** Well developped foliation to weakly sheared; Micro brecciated unit								
14.40	14.46	V;0.02;Qz;;45°;Pytr; **Vein 0.02 Quartz 45° Pyrite tr** Qz vein, 2cm thickness, with disseminated Pytr on selvages								
14.46	16.50	Vs;10%;Qz;;;; **Veins 10% Quartz** Several Qz-Cc Veinlets, in microbrecciated intervals, with no preferential orientations								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
15.19	15.30	SI2; CL1 **Silicification 2; Chloritization 1**								
15.30	16.41	CL1; SI1; CB1 **Chloritization 1; Silicification 1; Carbonatization 1**								
16.35	19.90	SC1 **Weak cleavage 67°** Weakly micro breccciated interval								
16.41	19.88	CL1; SI(1) **Chloritization 1; Silicification (1)** SI1 associated with Qz veins								
16.70	16.74	V;0.02;Qz;;77°;Py01; **Vein 0.02 Quartz 77° Pyrite 1%** Qz vein, 2cm thickness, with disseminated Py1% init								
18.45	18.97	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated and occasionaly associated with Qz veins on selvages								
18.97	19.56	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
19.56	19.63	Py2% **Pyrite 2%** Fine to medium grained Py2%, disseminated								
19.63	23.13	Py00.5; Cp(tr) **Pyrite 0.5%; Chalcopyrite (tr)** Fine to medium grained Pytr, disseminated, // to foliation and occasionaly assoociated with Qz veinsand veinlets; Local traces of Cp associated with Qz veins								
19.70	20.20	Vs;2%;Qz Cc;;;Py00.5; **Veins 2% Quartz Calcite Pyrite 0.5%** Several Qz veinlets, some in micro brecciated interval others // to foliation								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		with disseminated Pytr-1%								
19.88	20.03	SI2; CB2; CL1								
		Silicification 2; Carbonatization 2;								
		Chloritization 1								
19.90	20.00	BR								
		Breccia								
20.00	21.45	SC1; (BR)								
		Weak cleavage 68°; Breccia local								
		Local micro brecciated interval								
20.03	21.45	CL1; SI1	20.45	21.45	M046937	1.00	-0.005			0.000
		Chloritization 1; Silicification 1								
21.45	21.55	CL1; SI1; SR1								
		Chloritization 1; Silicification 1;								
		Sericitization 1								
21.45	21.60	Sch3	21.45	22.00	M046938	0.55	-0.005			0.000
		Foliation - strong 69°								
21.46	21.54	Vs;2%;Qz;;;Py02;								
		Veins 2% Quartz Pyrite 2%								
		Several Qz veinlets, // to foliation, with								
		disseminated of fine grained Py and								
		blebs init and on selvages								
21.55	21.90	SR2; SI1; CL1								
		Sericitization 2; Silicification 1;								
		Chloritization 1								
21.60	22.70	Sch4; BR; FX								
		Shear 70°; Breccia; Fault								
21.60	21.72	V;0.12;Qz;;;Py(tr);								
		Vein 0.12 Quartz Pyrite (tr)								
		Smoked Qz vein, 12cm thickness, with								
		disseminated of fine grained Py(tr)								
21.90	23.15	SI2; CB1; SR(1); CL(1)	22.00	23.00	M046939	1.00	0.006			0.006
		Silicification 2; Carbonatization 1;								
		Sericitization (1); Chloritization								
		(1)								
22.70	23.20	SC1	23.00	24.00	M046940	1.00	0.005			0.005
		Weak cleavage 68°								
		MMicro brecciated interval								
23.13	23.23	Py01; Po00.5; Cptr								
		Pyrite 1%; Pyrrhotite 0.5%;								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chalcopyrite tr								
		Pytr-2%, Potr--1%, Cptr, associated with Qz Vein on selvages								
23.15	23.70	CL1; SR1								
		Chloritization 1; Sericitization 1								
23.17	23.22	V;0.04;Qz;;65°;Py03 Po00.5 Cp(tr);								
		Vein 0.04 Quartz 65° Pyrite 3%								
		Pyrrhotite 0.5% Chalcopyrite (tr)								
		Smoked Qz Vein, brecciated, with disseminated of fine grained Py3%, Potr-1%, Cp(tr), disseminated init and on selvages								
23.20	23.70	Sch2								
		Foliation - moderate 72°								
23.23	25.32	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr, disseminated up to Py1% at places; Local traces of Cp, disseminated on selvages								
23.70	24.20	CL1								
		Chloritization 1								
23.70	24.95	SC2	24.00	25.00	M046941	1.00	-0.005			0.000
		Moderate cleavage 65°								
24.20	24.90	CL1; SR(1); SI(1)								
		Chloritization 1; Sericitization (1); Silicification (1)								
24.90	30.40	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
		CL2 increases to CL3 at intervals								
24.95	27.00	Sch0	25.00	26.00	M046942	1.00	-0.005			0.000
		Massive non foliated								
		b								
25.30	25.55	Vs;3%;Qz;;;Py01;								
		Veins 3% Quartz Pyrite 1%								
		Several Qz veinlets, irregulars,with disseminated of fine grained and blebs of Pytr-1% init and on selvages								
25.32	33.68	Py01	26.00	27.00	M046944	1.00	0.005			0.005
		Pyrite 1%								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Fine to medium grained and blebs of Py1% up to 2% at thin intervals, disseminated and associated with Qz veins on selvages								
27.00	28.10	Sch1 **Foliation - weak 68°**								
27.00	27.05	V;;Qz;;75°;Py02; **Vein Quartz 75° Pyrite 2%** Irregular Qz Vein, with disseminated Py2% on selvages								
28.10	29.80	Sch0 **Massive non foliated** Microbrecciated interval								
29.80	34.90	SC2 **Moderate cleavage 65°**								
30.40	35.00	CL1; SI(1) **Chloritization 1; Silicification (1)** CL1 increases to CL2 at intervals								
33.68	34.59	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and as stringers // to foliation								
33.90	33.96	Vn;0.01;Qz;;;Py(tr); **Veinlet 0.01 Quartz Pyrite (tr)** Irregular and folded Qz veinlet, with disseminated of fine grained Pytr								
34.59	34.63	Po01 **Pyrrhotite 1%** Fine to medium grained Potr-1% up to Po2% at places, Pytr-1%, disseminated, as stringers // to foliation and associated with Qz veins								
34.63	47.00	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, occurs as disseminated, as stringers // to foliation and occasionaly associated with Qz veinlets and veins; Local traces of Cptr								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
34.90	40.10	SC1								
		Weak cleavage 65°								
35.00	35.90	CL2								
		Chloritization 2								
		CL2 increases to CL3 at intervals								
35.90	38.85	CL1; Sl(1)								
		Chloritization 1; Silicification (1)								
36.00	38.80	Vs;5%;Qz Cc;;;Py00.5;								
		Veins 5% Quartz Calcite Pyrite								
		0.5%								
		Several Qz-Cc Veinlets, some // to foliation, others with no preferential orientations, with disseminated Pytr init and on selvages								
38.85	40.07	CL1	39.00	40.00	M046945	1.00	-0.005			0.000
		Chloritization 1	40.00	41.00	M046946	1.00	0.029			0.029
40.07	40.45	CL1								
		Chloritization 1								
		CL1 increases to CL2 at intervals								
40.07	40.45	Vs;60%;Qz;;;Py(tr);								
		Veins 60% Quartz Pyrite (tr)								
		Several Qz Veins, 2cm thicknesses max, // to foliation with disseminated Py(tr)								
40.10	40.55	Sch3								
		Foliation - strong 67°								
40.45	44.05	CL1								
		Chloritization 1								
40.55	43.40	SC1	41.00	42.00	M046947	1.00	-0.005			0.000
		Weak cleavage 66°								
		Changes from weak to moderate slaty cleavage								
43.11	43.40	Vs;3%;Qz;;;;								
		Veins 3% Quartz								
		Several Qz Veinlets, 1-3cm thicknesses mas, // to foliation, with occasional traces of fine grained Py, disseminated								
43.40	43.95	Sch0								
		Massive non foliated								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
43.95	44.15	BR								
		Breccia								
44.05	47.00	CL1; SI(1)								
		Chloritization 1; Silicification (1)								
44.15	47.00	Sch0								
		Massive non foliated								
47.00	47.10	CL2; CB2; SI1								
		Chloritization 2; Carbonatization 2; Silicification 1								
47.00	47.10	BR								
		Breccia								
47.00	47.10	Po02								
		Pyrrhotite 2%								
		Fine to medium grained Po2%, disseminated and associated with brecciated Qz vein								
47.10	49.80	CL1; SI(1)								
		Chloritization 1; Silicification (1)								
47.10	47.45	SC2								
		Moderate cleavage 63°								
47.10	55.28	Pytr								
		Pyrite tr								
		Mediiumto coarse grained Pytr up to Py1% at places, disseminated and occasionaly associated with Qz veins								
47.45	49.90	Sch0								
		Massive non foliated								
49.80	50.55	CL1; SI1; CB1								
		Chloritization 1; Silicification 1; Carbonatization 1								
49.90	50.25	SC2								
		Moderate cleavage 68°								
50.25	50.60	Sch0								
		Massive non foliated								
		Micro brecciated interval								
50.55	54.14	CL1								
		Chloritization 1								
50.60	54.10	Sch0	54.00	55.00	M046948	1.00	-0.005			0.000
		Massive non foliated								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
54.10	54.25	SC2								
		Moderate cleavage 67°								
54.14	54.90	CL1; SI1; CB1								
		Chloritization 1; Silicification 1;								
		Carbonatization 1								
		CL1 increases to CL2								
54.25	54.90	Sch0								
		Massive non foliated								
		Microbrecciated interval								
54.90	55.30	CL1								
		Chloritization 1								
54.90	55.30	Sch0								
		Massive non foliated								
54.92	55.00	V;0.06;Qz;;75°;Pytr;	55.00	56.00	M046949	1.00	-0.005			0.000
		Vein 0.06 Quartz 75° Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated on selvages								
55.28	57.02	Py01.5								
		Pyrite 1.5%								
		Medium to coarse grained Py1-2%,								
		disseminated and occasionaly								
		associated with Qzveins								
55.30	57.00	CL2; SI1								
		Chloritization 2; Silicification 1								
55.30	57.20	Sch1	56.00	57.00	M046950	1.00	0.007			0.007
		Foliation - weak 65°								
57.00	60.70	CL1								
		Chloritization 1								
		CL1 increases to CL2 at places								
57.02	67.46	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated and associated with Qz								
		veins, up to Py1% at thin intervals								
57.20	58.45	Sch0								
		Massive non foliated								
58.45	59.10	SC1								
		Weak cleavage 66°								
59.10	62.25	Sch0								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Massive non foliated								
60.70	64.26	CL1; Sl(1)								
		Chloritization 1; Silicification (1)								
62.25	64.30	Sch0								
		Massive non foliated								
64.26	66.50	CL2; Sl(1)								
		Chloritization 2; Silicification (1)								
64.30	66.55	SC2								
		Moderate cleavage 68°								
64.90	65.14	V;0.04;Qz Cc;;65°;Pytr;								
		Vein 0.04 Quartz Calcite 65°								
		Pyrite tr								
		Qz-Cc Vein, 4cm thickness, with disseminated Pytr on selvages								
66.50	67.46	CL1; Sl(1)								
		Chloritization 1; Silicification (1)								
66.55	67.45	Sch0								
		Massive non foliated								
67.45	67.75	SC2								
		Moderate cleavage 68°								
67.46	67.74	CL2								
		Chloritization 2								
67.46	67.56	Py01								
		Pyrite 1%								
		Fine to medium grained Py1%, disseminated and // to foliation								
67.56	74.45	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr, disseminated and occurs as stringers // to foliation								
67.74	70.30	CL1								
		Chloritization 1								
67.75	70.25	Sch0								
		Massive non foliated								
70.25	72.35	SC1								
		Weak cleavage 68°								
70.30	72.62	CL1								
		Chloritization 1								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		CL1 increases to CL2 at places								
72.35	72.60	Sch0								
		Massive non foliated								
72.60	72.75	SC2								
		Moderate cleavage 68°								
72.62	72.75	CL1; SI1								
		Chloritization 1; Silicification 1								
		CL1 to CL2 at places								
72.75	73.07	SR2; CB1; SI1; CL1								
		Sericitization 2; Carbonatization 1; Silicification 1; Chloritization 1								
72.75	73.10	Sch4								
		Shear 73°								
73.07	74.10	CL1								
		Chloritization 1								
73.10	75.10	Sch0								
		Massive non foliated								
74.10	75.10	CL1; SI(1)								
		Chloritization 1; Silicification (1)								
74.10	74.14	V;0.03;Qz Cc;;80°;;								
		Vein 0.03 Quartz Calcite 80°								
74.45	74.87	Py00.5; Cp(tr)								
		Pyrite 0.5%; Chalcopyrite (tr)								
		Fine to medium grained Pytr-1%, local traces of Cp, assoociated with Qzvein								
74.45	74.85	Vs;3%;Qz;;80°;Pytr;								
		Veins 3% Quartz 80° Pyrite tr								
		Several Qz Veins, 4cm thickness mmax, with disseminated Pytr on selvages								
74.87	78.28	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated and associated with Qzveins								
75.10	75.15	SR2; CL2								
		Sericitization 2; Chloritization 2								
		SR2 to SR3 aand CL2 to CLL3 at places								
75.10	75.15	Sch4								
		Shear 68°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
75.15	75.55	CL1; SI(1)								
		Chloritization 1; Silicification (1)								
75.15	75.55	Sch0								
		Massive non foliated								
		Micro brecciated interval								
75.44	75.56	V;;Qz Cc;;55°;Pytr;								
		Vein Quartz Calcite 55° Pyrite tr								
		Pytr on selvages								
75.55	79.50	CL1								
		Chloritization 1								
75.55	79.50	Sch0								
		Massive non foliated								
77.50	77.55	V;0.05;Qz;;80°;;								
		Vein 0.05 Quartz 80°								
78.28	78.44	Pytr; Cptr								
		Pyrite tr; Chalcopyrite tr								
		Pytr, Cptr, disseminated and associated with Qz Vein								
78.44	82.56	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Py, disseminated								
79.50	80.60	CL2; SI1								
		Chloritization 2; Silicification 1								
79.50	80.75	SC2								
		Moderate cleavage 72°								
80.60	82.75	CL3								
		Chloritization 3								
80.75	82.55	Sch0								
		Massive non foliated								
82.55	82.60	Sch3								
		Foliation - strong 68°								
		Well developped foliation to weakly sheared								
82.56	82.62	Po00.5								
		Pyrrhotite 0.5%								
		Fine to medium grained Potr-1%, associated with Qz vein on selvages								
82.60	84.00	Sch1								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Foliation - weak 70°								
82.62	83.64	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr, disseminated								
82.75	83.50	CL2	83.00	84.00	M046951	1.00	0.006			0.006
		Chloritization 2								
83.50	84.00	CL3; SI1								
		Chloritization 3; Silicification 1								
83.64	84.00	Potr; Pytr								
		Pyrrhotite tr; Pyrite tr								
		Fine to medium grained Potr, Pytr, associated with Qz vein on selvages								
84.00	84.15	CL2; SR1; SI1								
		Chloritization 2; Sericitization 1; Silicification 1								
84.00	84.55	Sch3	84.00	85.00	M046953	1.00	-0.005			0.000
		Foliation - strong 70°								
		Well developped foliation to weakly sheared								
84.00	84.42	Py02.5; Cp(tr)								
		Pyrite 2.5%; Chalcopyrite (tr)								
		Fine to medium grained and blebs of Py2-3%, disseminated and associated with Qz vein; Local traces of Cp								
84.15	84.56	CL2; SR(1); SI(1)								
		Chloritization 2; Sericitization (1); Silicification (1)								
84.42	86.14	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%, disseminated and associated with Qz vein								
84.50	85.80	Vs;10%;Qz;;80°;Py(tr);								
		Veins 10% Quartz 80° Pyrite (tr)								
		Several Qz Veins, 5cm thicknesses max, // to foliation, 75-80°AC, with disseminated Pytr oon selvages								
84.55	84.80	Sch3								
		Foliation - strong 75°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Well developped foliation								
84.56	84.78	CL2; SI2; SR1 **Chloritization 2; Silicification 2; Sericitization 1**								
84.78	86.85	CL2; SI(1); SR(1) **Chloritization 2; Silicification (1); Sericitization (1)**								
84.80	86.15	Sch3 **Foliation - strong 71°** Well developped foliation to weakly sheared	85.00 86.00	86.00 87.00	M046954 M046955	1.00 1.00	0.005 -0.005			0.005 0.000
86.14	86.33	Py02; Cptr **Pyrite 2%; Chalcopyrite tr** Coarse grained and blebs of Pytr-1%, disseminated, // to foliation and assoociated with Qz vein; Local traces of Cp								
86.15	86.30	Sch4 **Shear 45°** Shear changes @ 38-65°AC								
86.30	86.50	Sch3 **Foliation - strong 45°** Well developped foliation to weakly sheared								
86.33	87.09	Pytr **Pyrite tr** Fine to medium grained Pytr up to1%, dissemminated, // to foliation and occasionaly associated with Qz Veins								
86.50	86.85	Sch4 **Shear 56°** Shear @ 54-68°AC								
86.60	86.80	V;0.2;Qz Tl;;30°;PoPytr; **Vein 0.2 Quartz Tourmaline 30°** **Pyrrhotite & Pyrite tr** Qz vein, 20cm thick, with disseminated PoPytr on selvages								
86.85	90.20	CL2; SI(1) **Chloritization 2; Silicification (1)**								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	86.85	90.30	Sch3 **Foliation - strong 66°** Well developped foliation to weakly sheared	87.00	88.00	M046956	1.00	0.005			0.005
	87.09	87.19	Py02 **Pyrite 2%** Fine to medium grained Py2%, disseminated and associated with Qz Vein								
	87.19	89.11	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated and associated with Qz veins	88.00 89.00	89.00 89.65	M046957 M046958	1.00 0.65	-0.005 -0.005			0.000 0.000
	89.11	90.20	Py02; Cp(tr) **Pyrite 2%; Chalcopyrite (tr)** Fine to medium grained and blebs of Py2%, disseminated and associated with Qz vein on selvages; Local traces of Cp	89.65	90.35	M046959	0.70	0.013			0.013
	90.20	90.35	CL2; SI1; SR1 **Chloritization 2; Silicification 1; Sericitization 1**								
	90.20	90.52	Py01.5; Potr; Cp(tr) **Pyrite 1.5%; Pyrrhotite tr; Chalcopyrite (tr)** Fine to medium grained Py1-2%, Potr and locally Cp(tr), disseminated and associated with Qz vein								
	90.30	92.25	Sch4+; FX **Shear - strong 70°; Fault** Strongly sheared interval changes @ 55-85°AC, with presence locally of fault gouge								
90.35	92.24		AE; Sch4 **Altered rock; Sheared** Toussaint shear zone (core); Pale green Yellowish; Alteration and deformation obliterates original texture of the rock; Strongly sheared@ 50-75°AC, with locally fault gouge; SI3, SR3 with CL1-CL2 alteration at places; Several Qz veins, 1-11cm thicknessses								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			max, 30%, // to shear, with disseminated PoPy, occasionaly Cp init and on selvages; Sulfides mineralization Py2-3%, Po2%, Cp(tr), occurs as disseminated, stringers // to shear and associated with Qz veins; Gradational contact								
	90.35	92.24	SR3; SI3; CL1 **Sericitization 3; Silicification 3; Chloritization 1** CL1 to CL2 at thin intervals	90.35	91.00	M046960	0.65	0.009			0.009
	90.35	92.20	Vs;40%;Qz;;;PyPo02.5 Cp(tr); **Veins 40% Quartz Pyrite & Pyrrhotite 2.5% Chalcopyrite (tr)** Several Qz veinlets and veins, // to shear, 10cm thicknesses max, with disseminated PyPo2-3%, Cp(tr) init and on selvages								
	90.52	91.35	Po01.5; Pytr; Cp(tr) **Pyrrhotite 1.5%; Pyrite tr; Chalcopyrite (tr)** Fine to medium grained Po1-2, Pytr and occasionaly Cp(tr), disseminated and associated with Qz vein on selvages	91.00	91.65	M046962	0.65	0.021			0.021
	91.35	91.69	Py01.5; Potr **Pyrite 1.5%; Pyrrhotite tr** Fine to medium grained Py1-2%, Potr, disseminated and // to shear	91.65	92.25	M046963	0.60	0.040			0.040
	91.69	92.24	Po01.5; Py00.5; Cptr **Pyrrhotite 1.5%; Pyrite 0.5%; Chalcopyrite tr** Fine to medium grained Po1-2%, Pytr-1%, Cptr, disseminated, // to foliation and associated with Qz veins								
92.24	112.90		I3A **Gabbro** Medium dark to dark greenish grey; Fine-medium grained; Mafic minerals dominantly than plagioclases; In general massive non foliated with local well developped to weakly sheared interval at: 105-106.7m; Pervasive Chlorization CL1 increses to CL3 in thin interval; Mainly Qz veins, associated with								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		well developped interval, 0.2-0.6cm thicknesses, with disseminated Pytr, Cptr on selvages; Sulfides mineralization Py(tr), disseminated with local thin interval PoPyCptr-1% up to 2%								
92.24	93.00	CL2 **Chloritization 2**								
92.24	102.60	Po00.5; Py(tr) **Pyrrhotite 0.5%; Pyrite (tr)** Fine to medium grained Potr-1%, Py(tr), disseminated and associated with Qz vein on selvages								
92.25	94.00	Sch1 **Foliation - weak 66°**	92.25	93.00	M046964	0.75	0.351			0.351
93.00	98.20	CL2 **Chloritization 2** CL2 to CL3 at intervals	93.00	94.00	M046965	1.00	0.014			0.014
94.00	104.45	Sch1 **Foliation - weak 67°**								
98.20	98.35	CL2; SR1; TL(1) **Chloritization 2; Sericitization 1; Tourmalinization (1)**								
98.35	104.39	CL1 **Chloritization 1**								
102.60	102.88	Cp01.5; Po01 **Chalcopyrite 1.5%; Pyrrhotite 1%** Fine to medium grained Cp1-2%, Potr, disseminated and associated wirh Qz veinlet								
102.88	104.38	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Py, disseminated	104.00	105.00	M046966	1.00	0.039			0.039
104.38	104.48	Cp00.5; Potr **Chalcopyrite 0.5%; Pyrrhotite tr** Fine to medium grained Cptr-1%, Potr, disseminated								
104.39	106.60	CL3; SI(1) **Chloritization 3; Silicification (1)**								
104.45	105.00	Sch2								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Foliation - moderate 67°								
104.48	105.43	Potr; Py(tr)								
		Pyrrhotite tr; Pyrite (tr)								
		Fine to medium grained Potr, Py(tr), disseminated								
105.00	106.70	Sch3	105.00	106.00	M046967	1.00	0.772			0.772
		Foliation - strong 70°								
		Well developped foliation to weakkly sheared								
105.20	105.44	Vs;2%;Qz;;;;								
		Veins 2% Quartz								
		Several Qz Veins, 0.3-2cm thicknesses max, // to foliation								
105.43	105.55	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Py, disseminated								
105.55	105.67	Py04								
		Pyrite 4%								
		Fine to medium grained Py4%, disseminated								
105.67	112.90	Py(tr)	106.00	107.00	M046968	1.00	0.024			0.024
		Pyrite (tr)								
		Occasional traces of fine grained Py, dissemminated								
106.60	112.90	CL1								
		Chloritization 1								
106.70	106.85	Sch2								
		Foliation - moderate 65°								
106.85	112.90	Sch0								
		Massive non foliated								
112.90	**End of DDH**									
	Number of samples: 29									
	Number of QAQC samples: 3									
	Total sampled length: 26.55									

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
25.00	26.00	M046943	M046942	1.00	-0.005				0.000
84.00	84.01	M046952	Blank	0.01	-0.005				0.000
91.00	91.01	M046961	SG56	0.01	1.060				1.060

Viking Gold

DDH: **VP-12-33**

		Claims title:	5105353	Section:	L4550E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val D'Or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik.Bahloul - Mario Bolduc	From:	24/11/2012	Description date:	26/11/2012
		To:	25/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	120.00 m

	UTM NAD83	Detail grid
East	369,801.50	4,550.00
North	5,432,956.80	-4,859.00
Elevation	310.30	310.30

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)
Toussaint Type	84.00	85.00	1.00	0.91	0.822

Description

Toussaint Shear Zone: Core from 92.37 to 94.85m
Highest assays: 0.882 ppm Au from 84.0 to 85.0m (1.0m)
Casing Removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	15.00	137.8°	-44.5°	No	
Flexit	45.00	138.7°	-44.2°	No	
Flexit	90.00	140.4°	-43.3°	No	
Flexit	120.00	141.4°	-42.6°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	4.05	OB									
		Overburden									
4.05	92.37	TU2; TC; TD; TX; TL		4.05	5.00	M046969	0.95	0.008			0.008
		Intermediate tuff; Cherty tuff; Ash tuff;									
		Crystal tuff; Lapilli tuff									
		Intermediate tuff, alternating tuff facies, Cherty tuff, ashes tuff, crystal tuff and occasionaly lapilli tuff; Fine tio medium grained, coarses in lapilli tuff; Massive to well laminated, well bedded; Changes from massive non foliated to well developped cleavage, foliation@ 60-72°AC, occasional thin sheared intervals, local fault gouge at 52.10m; Upperand lower of the unit is more affected by deformation; In general CL1 to CL2, and occasionaly CL3 at places, SI(1) to SI(2) in sheared intervals and near Qz Veins, rusty rock at : 4.05-10.5m; Presence of several Qz-(Cc) Veins, 0.2-11cm thicknesses max, mainly Veins at 7.5-8.05m and 9.15-10.25m, with Qz-Fp-Fu-Tl Veins, irregulars Py3-5% init and on sselvages, as disseminated, stringers and blebs; In general no significant mineralization, occasionally up to Py3-5%, in several thin intervals and associated with Qz Veins; Gradational contact									
	4.05	5.20	CL3; SI1; OX1								
			Chloritization 3; Silicification 1;								
			Oxidation 1								
	4.05	5.03	Sch3								
			Foliation - strong 60°								
	4.05	5.20	Pytr								
			Pyrite tr								
			Fine to medium grained Pytr, disseminated, in sheared interval								
	4.20	5.20	Vs;;Qz Fp;;;Py00.5;	5.00	6.00	M046971	1.00	-0.005			0.000
			Veins Quartz Feldspar Pyrite								
			0.5%								
			Several Qz-Fp Veins, fragmented, boudined, oxidized, with disseminated Pytr-1%								
	5.03	6.38	Sch2								
			Foliation - moderate 55°								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
5.20	5.85	CL1 **Chloritization 1**								
5.20	6.00	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr								
5.85	6.00	CL2; SI1; OX1 **Chloritization 2; Silicification 1;** **Oxidation 1**								
5.98	7.32	Vs;;Qz Fp Ep;;65°;Pytr; **Veins Quartz Feldspar Epidote** **65° Pyrite tr** Several Qz-Fp-Ep VVeins, 1-1.2cm thicknesses max, with disseminated Pytr								
6.00	6.22	CL2; EP1; SI(1) **Chloritization 2; Epidotization 1;** **Silicification (1)**								
6.00	6.80	Py01 **Pyrite 1%** Fine to coarse grained Py1%, disseminated	6.00	7.00	M046972	1.00	0.005			0.005
6.22	6.90	CL2 **Chloritization 2**								
6.38	6.95	I2 **Intermediate rock** Porphyritic intermediate dyke; Pale grey; mesocratic groundmass with coarses grained plagioclases incrusted init; Porphyritic texture; Massive non foliated; no significant alteration, mineralization; Upper and lower contact sharp								
6.38	6.95	Sch0 **Massive non foliated** Porphyritic intermediate dyke								
6.80	7.50	Py(tr) **Pyrite (tr)** Occasional traces of Pytr, disseminated up to Py1% at places associated with Qz Veins								
6.90	7.50	CL2; SI(1) **Chloritization 2; Silicification (1)**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
6.95	7.40	Sch2	7.00	7.50	M046973	0.50	0.010			0.010
		Foliation - moderate 64°								
7.40	7.50	Sch0								
		Massive non foliated								
7.50	8.05	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
		SI(1) on Qz-Fu Vein								
7.50	10.45	Sch1; BR	7.50	8.20	M046974	0.70	-0.005			0.000
		Foliation - weak 1°; Breccia								
		Brecciated Qz-Fp-Fu-Tl Vein								
7.50	8.10	Py05								
		Pyrite 5%								
		Fine to coarse grained Py5%, occurs as disseminated, blebs, stringers associated with Qz-Fp-Tl-Fc Vein init and on selvages								
7.50	8.04	Vs;;Qz Fp Fu Tl;;;Py03.5;								
		Veins Pyrite 3.5%								
		Several Qz-Fp-Fu-Tl Veins, irregulars, 9-25cm thicknesses max, 45-60°AC, with disseminated Py3-4% init and on selvages								
8.05	9.15	CL2; OX(1)								
		Chloritization 2; Oxidation (1)								
8.10	9.10	Py(tr)	8.20	9.00	M046975	0.80	0.005			0.005
		Pyrite (tr)	9.00	9.70	M046976	0.70	0.010			0.010
		Occasional traces of fine grained Py, disseminated								
8.10	8.90	Vs;2%;Qz Fp;;65°;Pytr;								
		Veins 2% Quartz Feldspar 65°								
		Pyrite tr								
		Several Qz-(Fp) Veins, 0.2-0.6mm thicknesses, // to foliation, with disseminated Pytr								
9.10	10.25	Py05								
		Pyrite 5%								
		Fine to coarse grained Py5%, occurs as disseminated, blebs, stringers associated with Qz-Fp-Tl-Fc Vein init and on selvages								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
9.15	10.23	SI1; CL1; OX(1) **Silicification 1; Chloritization 1; Oxidation (1)**								
9.15	10.23	Vs;80%;Qz Fp Fu Tl;;;Py03; **Veins 80% Pyrite 3%** Several Qz-Fp-Fu-Tl Veins, irregulars, breccciatted, 40-80°AC between 17-80cm thicknesses, with disseminated Py2-4% init and on selvages	9.70	10.45	M046977	0.75	0.005			0.005
10.23	15.30	CL2; SI(1) **Chloritization 2; Silicification (1)**								
10.25	11.40	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated								
10.45	18.15	SC2 **Moderate cleavage 67°**	10.45	11.00	M046978	0.55	0.005			0.005
			11.00	12.00	M046980	1.00	-0.005			0.000
			12.00	13.00	M046981	1.00	-0.005			0.000
			13.00	14.00	M046982	1.00	-0.005			0.000
			14.00	15.00	M046983	1.00	0.008			0.008
14.55	14.60	V;0.04;Qz Cc;;;Py(tr); **Vein 0.04 Quartz Calcite Pyrite (tr)**	15.00	16.00	M046984	1.00	0.015			0.015
15.30	15.45	CL3; SI1; TL(1) **Chloritization 3; Silicification 1; Tourmalinization (1)**								
15.30	15.40	V;0.1;Qz Tl;;60°;; **Vein 0.1 Quartz Tourmaline 60°** Qz Vein, with coarse grained								
15.45	15.75	CL2 **Chloritization 2**								
15.70	15.84	Po02; Py01 **Pyrrhotite 2%; Pyrite 1%** Fine grained and blebs of Po2%, Py1%, // to foliation and associated with Qz veins								
15.75	16.30	CL1; SI1 **Chloritization 1; Silicification 1**								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
15.75	16.30	Vs;7%;Qz Cc;;;Py00.5 Potr; **Veins 7% Quartz Calcite Pyrite** **0.5% Pyrrhotite tr** Several Qz-Cc Veins,0.5-1cm , thicknesses, 68-70°AC, with Pytr-1%, Potr, disseminated and blebs								
15.84	16.40	Py00.5 **Pyrite 0.5%** Several thin intervals with Pytr-1%, associated with Qz vein	16.00	17.00	M046985	1.00	0.010			0.010
16.30	18.00	CL1; OX(1) **Chloritization 1; Oxidation (1)**								
16.40	19.70	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated	17.00	18.00	M046986	1.00	-0.005			0.000
18.00	18.10	CL3; SI(1) **Chloritization 3; Silicification (1)** SI1 on Qz Vein selvages	18.00	19.00	M046987	1.00	-0.005			0.000
18.10	21.90	CL1 **Chloritization 1**								
18.15	22.00	Sch0 **Massive non foliated**	19.00	20.00	M046989	1.00	-0.005			0.000
19.70	19.92	Py02.5 **Pyrite 2.5%** Fine to coarse grained Py2-3%, associated wwith Qz Vein								
19.92	22.80	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated	20.00	21.00	M046990	1.00	-0.005			0.000
21.90	22.00	CL3; SI1 **Chloritization 3; Silicification 1**								
22.00	22.25	CL2; SI(2) **Chloritization 2; Silicification (2)** SI2 on Qz Veins selvages								
22.00	27.65	SC3 **Strong cleavage 68°**								
22.00	22.25	Vs;15%;Qz;;65°;;								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Veins 15% Quartz 65°								
		Several Qz Veins, 0.5-0.8cm thicknesses, 65°AC, with disseminated Pytr-1%								
22.25	27.65	CL2								
		Chloritization 2								
22.80	23.20	Py01								
		Pyrite 1%								
		Fine to medium grained Pyr1%, disseminated and associated with Qz Vein								
24.30	34.60	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated, stringers // to foliation								
27.65	29.00	CL1								
		Chloritization 1								
27.65	29.00	Sch0								
		Massive non foliated								
		Microbreccciated interval								
27.65	28.90	Vs;2%;Qz Cc;;45°;;								
		Veins 2% Quartz Calcite 45°								
		Several Qz Veins, with no preferential orientations, microbrecciated, 0.1-1.1cm thicknesses, 30-60°AC, with disseminated Pytr-1%								
29.00	29.60	CL2								
		Chloritization 2								
29.00	29.75	SC2								
		Moderate cleavage 65°								
		Microbrecciated interval								
29.60	32.30	CL1								
		Chloritization 1								
29.75	34.00	SC2								
		Moderate cleavage 65°								
32.30	34.00	CL2								
		Chloritization 2								
32.45	33.60	Vs;2%;Qz Cc;;65°;Py00.5;								
		Veins 2% Quartz Calcite 65°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Pyrite 0.5% Several Qz-C Veins, // to foliation, 0.5-2.5cm thicknesses, with disseminated Pytr-1%								
34.00	37.53	CL1								
		Chloritization 1								
34.00	35.90	SC1								
		Weak cleavage 65°								
35.90	37.00	Sch0								
		Massive non foliated Microbrecciated interval								
36.50	39.00	Vs;3%;Qz Cc;;;Pytr;								
		Veins 3% Quartz Calcite Pyrite tr Several Qz-Cc Veinlets, with no preferential orientations, with disseminated Pytr								
37.00	37.65	SC1								
		Weak cleavage 65°								
37.53	39.50	CL1; SI1; CB1								
		Chloritization 1; Silicification 1; Carbonatization 1								
37.65	39.60	SC3								
		Strong cleavage 45° Microbrecciated interval								
39.00	39.70	Py(tr)								
		Pyrite (tr) Occasional traces of fine grained Py, disseminated								
39.50	42.00	CL1								
		Chloritization 1								
39.60	42.00	Sch0								
		Massive non foliated								
42.00	47.00	CL1; SI(1)								
		Chloritization 1; Silicification (1) SI1 near Qz veins								
42.00	46.15	SC2								
		Moderate cleavage 70°								
46.15	47.10	Sch0								
		Massive non foliated								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
47.00	49.35	CL1								
		Chloritization 1								
47.10	49.35	Sch0	48.40	49.40	M046991	1.00	-0.005			0.000
		Massive non foliated								
49.35	50.10	CL2; SI2; SR(1)								
		Chloritization 2; Silicification 2;								
		Sericitization (1)								
49.35	50.10	Sch3	49.40	50.40	M046992	1.00	-0.005			0.000
		Foliation - strong 71°								
		Well developped foliation								
49.45	50.10	Vs;5%;Qz Cc;;70°;Py01;								
		Veins 5% Quartz Calcite 70°								
		Pyrite 1%								
		Several Qz Veins, 0.2-0.8cm								
		thicknesses, 70°AC, with disseminated								
		Pytr-2%								
49.50	50.30	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%,								
		disseminated								
50.10	51.00	CL1								
		Chloritization 1								
50.10	51.00	Sch0	50.40	51.00	M046993	0.60	-0.005			0.000
		Massive non foliated								
51.00	52.00	CL2; SI1; OX(1)								
		Chloritization 2; Silicification 1;								
		Oxidation (1)								
51.00	52.00	Sch2								
		Foliation - moderate 66°								
51.00	52.30	Vs;5%;Qz Cc;;70°;Py02.5;	51.00	52.00	M046994	1.00	0.007			0.007
		Veins 5% Quartz Calcite 70°								
		Pyrite 2.5%								
		Several Qz Veins and Qz-Cc Veinlets,								
		0.2-0.8cm thicknesses, /// to foliation,								
		65°AC, with disseminated Pytr-5%								
51.10	52.30	Py02								
		Pyrite 2%								
		Fine to medium grained Py1-3%,								
		disseminated, // to foliation and								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		associated with Qz-Cc Vein								
52.00	52.30	CL3; SI1								
		Chloritization 3; Silicification 1								
		Presence of fault gouge								
52.00	52.30	Sch3	52.00	53.00	M046995	1.00	0.007			0.007
		Foliation - strong 70°								
		Well developped foliation, brecciated interval; Fault gouge								
52.30	56.45	CL1								
		Chloritization 1								
		CL1 to CL2 at intervals								
52.30	56.55	Sch0	53.00	54.00	M046996	1.00	0.005			0.005
		Massive non foliated								
52.30	52.50	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr, disseminated								
53.40	54.85	Vs;;Qz;;;;								
		Veins Quartz								
		Several milky Qz Veins, mainly ones // to foliation, 0.5-0.8cm thicknesses, 65°AC, with disseminated Pytr-1%								
56.45	57.00	CL2; SI1								
		Chloritization 2; Silicification 1								
56.55	57.00	Sch2								
		Foliation - moderate 72°								
56.55	57.00	Vs;2%;Qz Cc;;72°;Py(tr);								
		Veins 2% Quartz Calcite 72°								
		Pyrite (tr)								
		Several Qz-Cc Veins, 0.2-0.4cm thicknesses, 72°AC, with disseminated Pytr								
57.00	60.75	CL1								
		Chloritization 1								
57.00	60.75	Sch0								
		Massive non foliated								
60.75	62.85	CL1								
		Chloritization 1								
		CL1 to CL2 at intervals								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
60.75	66.35	SC2 **Moderate cleavage 66°**								
62.85	63.00	CL3; SI1 **Chloritization 3; Silicification 1**								
62.90	63.95	Vs;3%;Qz Cc;;77°;Py01; **Veins 3% Quartz Calcite 77°** **Pyrite 1%** Several Qz-(Cc)Veins, microbrecciated, // to foliation, 0.2-1cm thicknesses, with disseminated Pytr-2%								
63.00	63.20	CL2 **Chloritization 2**								
63.20	64.00	CL2; SI1 **Chloritization 2; Silicification 1**								
63.20	63.25	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated, // to foliation and associated with Qz Vein								
64.00	66.35	CL1 **Chloritization 1**								
66.00	67.90	Vs;;Qz Cc;;50°;; **Veins Quartz Calcite 50°** Several milky Qz-Cc Veins, irregulars, // to foliation, 0.2-10cm thicknesses max, wiith massive Sp2% on selvages	66.00	67.00	M046998	1.00	-0.005			0.000
66.35	67.00	CL3; SI(1) **Chloritization 3; Silicification (1)**								
66.35	67.53	Sch2; (BR) **Foliation - moderate 62°; Breccia local**								
67.00	67.95	CL2; SI1 **Chloritization 2; Silicification 1** Spahlerite on selvages?								
67.00	68.00	Py(tr) **Pyrite (tr)** Occasional traces of fine grained Pytr, disseminated and associated with QzVein	67.00	68.00	M046999	1.00	-0.005			0.000

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
67.53	68.55	Sch0								
		Massive non foliated								
67.95	68.50	CL1	68.00	69.00	M047000	1.00	0.005			0.005
		Chloritization 1								
68.50	68.65	CL2								
		Chloritization 2								
68.55	68.65	SC2								
		Moderate cleavage 60°								
68.65	72.20	CL1								
		Chloritization 1								
68.65	69.65	Sch0								
		Massive non foliated								
69.65	70.35	SC1								
		Weak cleavage 66°								
70.35	72.15	Sch0								
		Massive non foliated								
72.15	72.45	SC1								
		Weak cleavage 67°								
72.20	72.45	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
72.40	72.82	Vs;;Qz Cc;;70°;Pytr;								
		Veins Quartz Calcite 70° Pyrite tr								
		Several Qz Veins, 0.5-0.8cm								
		thicknesses, 70°AC, with disseminated								
		Pytr								
72.45	72.50	SR2; CL2; SI2								
		Sericitization 2; Chloritization 2;								
		Silicification 2								
72.45	72.50	Sch4								
		Shear 70°								
72.50	72.65	CL3; SI1								
		Chloritization 3; Silicification 1								
72.50	72.75	Sch2								
		Foliation - moderate 70°								
		Local fault gouge								
72.65	72.80	CL2; SI1; SR1								
		Chloritization 2; Silicification 1;								
		Sericitization 1								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
72.75	73.70	SC1								
		Weak cleavage 65°								
72.80	75.55	CL1								
		Chloritization 1								
		CL1 to CL2 at thin intervals								
73.70	75.40	Sch0								
		Massive non foliated								
74.71	74.87	V;0.16;Qz;;72°;;								
		Vein 0.16 Quartz 72°								
75.20	75.24	V;0.012;Qz Cc;;65°;Py01;								
		Vein 0.012 Quartz Calcite 65°								
		Pyrite 1%								
75.40	75.55	SC1								
		Weak cleavage 62°								
75.55	80.40	CL2								
		Chloritization 2								
75.55	77.25	Sch0								
		Massive non foliated								
77.25	77.55	SC1								
		Weak cleavage 65°								
77.55	83.85	Sch0								
		Massive non foliated								
80.40	80.80	CL3								
		Chloritization 3								
80.80	83.95	CL2	83.00	84.00	P089052	1.00	-0.005			0.000
		Chloritization 2								
83.85	83.95	Sch2								
		Foliation - moderate 69°								
83.95	84.00	CL3; SI1; SR1								
		Chloritization 3; Silicification 1;								
		Sericitization 1								
83.95	84.00	Sch4								
		Shear 70°								
83.95	84.00	V;0.02;Qz Cc;;66°;;								
		Vein 0.02 Quartz Calcite 66°								
84.00	84.35	CL3								
		Chloritization 3								
84.00	84.35	Sch1	84.00	85.00	P089053	1.00	0.822			0.822
		Foliation - weak 66°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
84.35	84.45	CL3; SI1								
		Chloritization 3; Silicification 1								
84.35	84.45	Sch3								
		Foliation - strong 66°								
		Well developped foliation								
84.35	84.45	Vs;5%;Qz Cc;;68°;Py(tr);								
		Veins 5% Quartz Calcite 68°								
		Pyrite (tr)								
		Several Qz Veins, 0.2-0.5cm thicknesses, 68°AC, with disseminated Py(tr)								
84.45	84.95	CL2								
		Chloritization 2								
84.45	84.80	Sch2								
		Foliation - moderate 68°								
84.80	85.05	Sch0								
		Massive non foliated								
84.95	85.35	CL3; SI2								
		Chloritization 3; Silicification 2								
84.95	85.40	Vs;2.5%;Qz Cc;;70°;Po(tr);	85.00	86.00	P089054	1.00	-0.005			0.000
		Veins 2.5% Quartz Calcite 70°								
		Pyrrhotite (tr)								
		Several Qz-Cc Veins, irregulars, 0.2-0.8cm thicknesses, 70°AC, with disseminated Po(tr)								
85.05	85.35	Sch3								
		Foliation - strong 70°								
85.35	86.00	CL2								
		Chloritization 2								
85.35	86.00	Sch2								
		Foliation - moderate 68°								
86.00	86.25	CL2; SR1								
		Chloritization 2; Sericitization 1								
86.00	86.25	Sch3	86.00	87.00	P089055	1.00	-0.005			0.000
		Foliation - strong 68°								
86.25	87.20	CL3								
		Chloritization 3								
86.25	87.80	Sch2	87.00	88.00	P089056	1.00	0.006			0.006
		Foliation - moderate 70°								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
87.20	87.75	CL2								
		Chloritization 2								
87.60	88.10	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr,								
		disseminated and associated with Qz								
		Vein								
87.75	88.35	SI2; SR2; CL2								
		Silicification 2; Sericitization 2;								
		Chloritization 2								
87.80	87.95	Sch3								
		Foliation - strong 71°								
87.85	88.35	Vs;1%;Qz Cc;;70°;Py00.5;								
		Veins 1% Quartz Calcite 70°								
		Pyrite 0.5%								
		Several Qz-Cc Veins, 0.2-12cm								
		thicknesses, 65-75°AC, with								
		disseminated Pytr-1%								
87.95	88.35	Sch4	88.00	89.00	P089057	1.00	0.012			0.012
		Shear 72°								
88.35	88.85	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
88.35	89.00	Sch2								
		Foliation - moderate 70°								
88.85	90.75	CL2								
		Chloritization 2								
89.00	90.25	Sch0	89.00	90.00	P089058	1.00	0.015			0.015
		Massive non foliated	90.00	91.00	P089059	1.00	0.008			0.008
90.25	90.70	Sch0								
		Massive non foliated								
90.60	91.44	Potr; Pytr								
		Pyrrhotite tr; Pyrite tr								
		Fine to medium grained Potr, Pytr,								
		disseminated, stringers and // to foliation								
90.60	91.50	Vs;3.5%;Qz Cc;;73°;Py01.5 Po(tr);								
		Veins 3.5% Quartz Calcite 73°								
		Pyrite 1.5% Pyrrhotite (tr)								
		Several Qz-Cc Veins, 0.2-2cm								
		thicknesses, 65-80°AC, with								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		disseminated Pytr-3%, Po(tr)								
90.70	91.05	SC1								
		Weak cleavage 75°								
90.75	91.60	CL2; SI2; SR1	91.00	92.00	P089061	1.00	0.026			0.026
		Chloritization 2; Silicification 2; Sericitization 1								
91.05	91.55	Sch2								
		Foliation - moderate 75°								
91.44	91.53	Py03; Po(tr)								
		Pyrite 3%; Pyrrhotite (tr)								
		Fine to medium grained Py3%, Py(tr), associated with Qz Vein								
91.53	92.10	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated								
91.55	92.40	Sch2								
		Foliation - moderate 72°								
91.60	92.45	CL2; SI(1)	92.00	93.00	P089062	1.00	0.018			0.018
		Chloritization 2; Silicification (1)								
92.13	94.00	Po02.5; Py01.5; Cp(tr)								
		Pyrrhotite 2.5%; Pyrite 1.5%; Chalcopyrite (tr)								
		Fine to medium grained Po2-3%, Py1-2%, Cp(tr), disseminated, stringers // to foliation and associated with Qz Vein								
92.37	94.85	AE; Sch4								
		Altered rock; Sheared								
		Toussaint shear zone (core); Pale green Yellowish; Alteration and deformation obliterates original texture of the rock; Strongly sheared@ 50-75°AC, with locally fault gouge; SI3, SR3 with CL1 alteration at places; Several Qz veins, 2-9cm thicknessses max, 25%, // to shear, with disseminated PoPy, occasionaly Cp and Sp init and on selvages; Sulfides mineralization Po1-4%, Py1-3%, Cp(tr), Sp(tr), occurs as disseminated, stringers // to shear and associated with Qz veins; Sharp contact								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
	92.40	94.85	Sch4+								
			Shear - strong 70°								
			Shear changes @ 60-80°AC								
	92.45	94.85	SI3; SR3; CL1								
			Silicification 3; Sericitization 3;								
			Chloritization 1								
	92.50	94.85	Vs;25%;Qz Cc;;;Po02 Py02 Sp(tr)	93.00	94.00	P089063	1.00	0.028			0.028
			Cp(tr);								
			Veins 25% Quartz Calcite								
			Pyrrhotite 2% Pyrite 2%								
			Sphalerite (tr) Chalcopyrite (tr)								
			Several Qz-Cc Veins, 0.5-8cm								
			thicknesses, // to shear, with								
			disseminated Potr-4%, Pytr-3%, Cp(tr),								
			Sp(tr)								
	94.00	94.85	Po01.5; Py01; Cp(tr); Sp(tr)	94.00	95.00	P089064	1.00	0.034			0.034
			Pyrrhotite 1.5%; Pyrite 1%;								
			Chalcopyrite (tr); Sphalerite (tr)								
			Fine to medium grained Po2-3%,								
			Py1-2%, Cp(tr), disseminated, stringers								
			// to shear and associated with Qz Vein								
94.85	120.00	I3A		95.00	96.00	P089065	1.00	0.018			0.018
		Gabbro									
		Medium dark to dark greenish grey; Fine-medium									
		grained; Mafic minerals dominantly than plagioclases;									
		In general massive non foliated to weakly foliated,									
		with local well developped foliationl at:									
		100.35-101.6m; Pervasive Chlorization CL1 increses									
		to CL2 at places; Presence of occasional Qz									
		Veinlets; No significant alteration									
	94.85	96.00	CL2								
			Chloritization 2								
	94.85	96.00	Sch1								
			Foliation - weak 67°								
	96.00	100.35	CL1								
			Chloritization 1								
	96.00	100.35	Sch0								
			Massive non foliated								
	96.00	102.00	Py(tr)								
			Pyrite (tr)								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Occasional traces of fine grained Pytr, disseminated								
96.45	97.05	V;0.015;Qz;;;;	100.00	101.00	P089066	1.00	0.020			0.020
		Vein 0.015 Quartz								
100.25	101.50	Vs;2.5%;Qz Cc;;;Py02.5;								
		Veins 2.5% Quartz Calcite Pyrite 2.5%								
		Several Qz-Cc Veins, 0.2-0.4cm thicknesses, 60-65°AC, with disseminated Pytr-5%								
100.35	101.50	CL3; SI(1)								
		Chloritization 3; Silicification (1)								
100.35	102.95	Sch3	101.00	102.00	P089067	1.00	0.241			0.241
		Foliation - strong 62°								
		Well developped foliation								
101.50	102.95	CL2	102.00	103.00	P089068	1.00	0.037			0.037
		Chloritization 2								
102.95	120.00	CL1								
		Chloritization 1								
102.95	103.35	Sch2								
		Foliation - moderate 68°								
103.35	106.00	Sch0								
		Massive non foliated								
106.00	108.00	Sch2								
		Foliation - moderate 63°								
107.62	107.77	V;0.06;Qz;;35°;Pytr;								
		Vein 0.06 Quartz 35° Pyrite tr								
108.00	120.00	Sch0								
		Massive non foliated								
111.53	111.62	V;0.08;Qz Cc Tl;;80°;Pytr;								
		Vein 0.08 Quartz Calcite Tourmaline 80° Pyrite tr								
120.00		**End of DDH**								
		Number of samples: 44								
		Number of QAQC samples: 5								
		Total sampled length: 41.55								

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
4.05	5.00	M046970	M046969	0.95	-0.005				0.000
11.00	11.01	M046979	Blank	0.01	-0.005				0.000
19.00	19.01	M046988	SE58	0.01	0.619				0.619
53.00	54.00	M046997	M046996	1.00	-0.005				0.000
91.00	91.01	P089060	Blank	0.01	-0.005				0.000

Viking Gold

DDH: **VP-12-34**

		Claims title:	2197012	Section:	L4500E
		Township:	Verneuil	Level:	Surface
		Range:		Work place:	Dubuisson, Val D'Or
Drilled by:	Forages M.Rouillier	Lot:			
Described by:	Chafik.Bahloul - Mario Bolduc	From:	25/11/2012	Description date:	27/11/2012
		To:	26/11/2012		

Collar

Azimuth:	144.0°
Dip:	-45.0°
Length:	144.00 m

	UTM NAD83	Detail grid
East	369,745.90	4,500.00
North	5,432,948.50	-4,833.00
Elevation	310.30	310.30

Averages - Composites

Zone	From	To	Length	True th.	Au_final (ppm)

Description

Toussaint Shear Zone (less developped) from 102.66 to 105.5m
Highest assays: 0.131 ppm Au from 105.0 to 106.0m(1.0m)
Casing removed

Pierre Poisson

OGQ #1124
December 2012

Core size: NQ Cemented: No Stored: Yes

Down hole survey

Type	Depth	Azimuth	Dip	Invalid	Description
Flexit	0.00	144.0°	-45.0°	No	
Flexit	18.00	143.6°	-44.3°	No	
Flexit	48.00	144.0°	-44.1°	No	
Flexit	78.00	145.0°	-41.4°	No	
Flexit	144.00	148.9°	-36.7°	No	

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
0.00	6.00	OB									
		Overburden									
6.00	102.66	TU2-3; TC; TD; TX									
		Intermediate-mafic tuff; Cherty tuff; Ash tuff; Crystal tuff									
		Intermediate-mafic tuff; Alternating tuff facies Cherty tuff, Ashes tuff, Crystal tuff; Pale grey to greenish grey; Fine to coarse grained; Massive to well laminated, well bedded; Changes from massive non foliated to well developped cleavage@62-75°AC, microbrecciated at intervals, occasionaly sheared at places (centimetric); In general CL1 increases to CL2 to CL3 at places with occasional thinintervals with SI1 to SI2, often near Qz-Cc veins; Presence of several Qz-Cc veins and veinlets, occasionaly with disseminated Pytr on selvages; Sulfides mineralization Pytr up to Py2% in occasional thin intervals, local traces of Cp at places; Sulfides mineralization disseminated and occasionaly associated with Qz veins and veinlets; Gradational contact									
	6.00	17.90	CL1; SI(1)								
			Chloritization 1; Silicification (1)								
	6.00	15.35	Sch0								
			Massive non foliated								
	6.00	9.52	Pytr								
			Pyrite tr								
			Fine grained Pytr, disseminated and associated with Qz veins								
	6.35	7.30	Vs;3%;Qz;;;;								
			Veins 3% Quartz								
			Qz-Cc veins, locally with Ep, 2-12cm max thicknesses, 30-70°AC, with disseminated Pytr on selvages								
	9.52	9.76	Py00.5								
			Pyrite 0.5%								
			Fine grained Pytr-1%, disseminated and associated with Qz vein on selvages								
	9.58	9.76	Vs;3%;Qz;;;Py00.5;								
			Veins 3% Quartz Pyrite 0.5%								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Qz-Cc veins,irregular, 0.5-2.5cm max thicknesses,70°AC, with disseminated Pytr-1% on selvages								
9.76	12.42	Pytr **Pyrite tr** Fine grained Pytr, disseminated and associated with Qz veins								
12.25	13.83	Vs;3%;Qz Cc;;;Py01.5; **Veins 3% Quartz Calcite Pyrite 1.5%** Qz-Cc veins,irregular, 0.2-1.5cm max thicknesses,70°AC, with disseminated Py1-2%, local Cptr on selvages								
12.42	12.84	Py00.5 **Pyrite 0.5%** Fine grained Pytr-1%, disseminated								
12.84	12.93	Py01.5; Cp(tr) **Pyrite 1.5%; Chalcopyrite (tr)** Fine to medium grained Pytr, disseminated								
12.93	13.67	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
13.67	13.83	Py02.5; Cp(tr) **Pyrite 2.5%; Chalcopyrite (tr)** Fine to medium grained Pytr, disseminated;Local traces of Cp								
13.83	14.55	Pytr **Pyrite tr**								
14.55	14.74	Py00.5 **Pyrite 0.5%** Fine to medium grained and blebs Pytr-1%, disseminated and associated with Qz veins								
14.55	14.72	Vs;;Qz Cc;;65°;Py01; **Veins Quartz Calcite 65° Pyrite 1%** Qz-Cc veins,irregular, 0.2-1.7cm max thicknesses,65°AC, with disseminated								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		blebs of Py1% on selvages								
14.74	15.32	Pytr								
		Pyrite tr								
		Fine grained Pytr, disseminated								
15.32	15.60	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%,								
		disseminated								
15.33	15.60	Vs;2%;Qz Cc;;62°;Pytr;								
		Veins 2% Quartz Calcite 62°								
		Pyrite tr								
		Qz-Cc veins,irregular, 0.3-1.2cm max								
		thicknesses,65°AC, with disseminated								
		Pytr on selvages								
15.35	17.95	SC3								
		Strong cleavage 76°								
15.60	16.67	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated								
16.67	17.73	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%,								
		disseminated								
17.00	17.25	Vs;1%;Qz Cc;;;Py00.5;	17.00	18.00	M046867	1.00	0.005			0.005
		Veins 1% Quartz Calcite Pyrite								
		0.5%								
		Qz-Cc veins,irregular, 0.4cm max								
		thicknesses,65°AC, with disseminated								
		Pytr-1% on selvages								
17.73	18.48	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated								
17.90	19.20	CL2; SI1								
		Chloritization 2; Silicification 1								
17.95	18.90	Sch3								
		Foliation - strong 62°								
17.95	19.05	Vs;25%;Qz Cc;;70°;;	18.00	19.00	M046868	1.00	-0.005			0.000
		Veins 25% Quartz Calcite 70°								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Several Qz-Cc veins, irregular, 0.2-0.6cm max thicknesses,65°AC, // to foliation								
18.48	19.05	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
18.90	29.80	Sch0 **Massive non foliated**	19.00	20.00	M046869	1.00	-0.005			0.000
19.05	19.87	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
19.20	22.10	CL1; SI(1) **Chloritization 1; Silicification (1)** SI1 nar Qz veins								
19.87	20.00	Py01.5 **Pyrite 1.5%** Fine to medium grained Pytr-1%, disseminated, associated with Qz veins on selvages								
20.00	20.30	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
20.30	20.42	Py01.5; Cp(tr) **Pyrite 1.5%; Chalcopyrite (tr)** Fine to medium grained Py1-2%, disseminated; Local traces of Cp								
20.42	20.77	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
20.77	21.15	Py00.5; Cp(tr) **Pyrite 0.5%; Chalcopyrite (tr)** Fine to medium grained Pytr-1%, disseminated; Local traces of Cp								
21.15	22.26	Pytr **Pyrite tr** Fine to medium grained Pytr,								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		disseminated								
21.15	25.70	Vs;3.5%;Qz Cc;;;Py01 Cp(tr); **Veins 3.5% Quartz Calcite Pyrite** **1% Chalcopyrite (tr)** Several Qz-Cc veins,irregular, 0.2-4cm max thicknesses, 60-70°AC, with disseminated Pytr on selvages and local traces of Cp								
22.10	25.50	CL1; EP(1) **Chloritization 1; Epidotization (1)** EP(1) at places								
22.26	23.06	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated								
23.06	23.60	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
23.60	23.90	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated and associated with Qz veins								
23.90	25.18	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
25.18	25.77	Py01.5 **Pyrite 1.5%** Fine to medium grained Py1.5%, disseminated and Associated with Qz veins on selvages								
25.50	30.20	CL1 **Chloritization 1**								
25.77	26.27	Py00.5 **Pyrite 0.5%** Fine to medium grained Py0.5%, disseminated and associated with Qz veins on selvages								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
26.27	27.73	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
27.73	27.87	Py01 **Pyrite 1%** Fine to medium grained Py1.5%, associated with Qz veins on selvages								
27.87	28.53	Py00.5 **Pyrite 0.5%** Fine to medium grained Py0.5%, disseminated and associated with Qz veins on selvages								
28.53	28.72	Py1% **Pyrite 1%** Fine to medium grained Py0.5%, disseminated								
28.72	30.22	Pytr **Pyrite tr** Fine to medium grained Py0.5%, disseminated and associated with Qz veins on selvages; Up to Py1, occasionally at thin intervals								
29.80	33.30	SC2 **Moderate cleavage 70°** Moderate to strong cleavagge								
30.20	33.00	CL1; SI1 **Chloritization 1; Silicification 1**								
30.22	31.76	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated	31.00	32.00	M046870	1.00	-0.005			0.000
31.76	32.04	Py00.5 **Pyrite 0.5%** Fine to medium grained Py0.5%, disseminated	32.00	33.00	M046872	1.00	-0.005			0.000
32.04	32.38	Py01 **Pyrite 1%** Fine to medium grained and blebs of Py1%, disseminated and associated with								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Qz veins on selvages								
32.10	33.15	Vs;5%;Qz Cc;;;Py01 Cptr; **Veins 5% Quartz Calcite Pyrite** **1% Chalcopyrite tr** Qz-Cc veins,irregular, brecciated, 60-70°AC, with disseminated Pytr-2%, Cptr on selvages								
32.38	32.74	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
32.74	32.92	Py02 **Pyrite 2%** Fine to medium grained Py2%, disseminated; Local traces of Cptr								
32.92	35.21	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
33.00	38.30	SI1 **Silicification 1**	33.00	34.00	M046873	1.00	-0.005			0.000
33.30	34.20	SC3 **Strong cleavage 72°** Micro brecciated								
34.20	43.00	SC2 **Moderate cleavage 66°** Micro brecciated								
35.21	35.49	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%%, disseminated								
35.49	39.26	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated	38.00	39.00	M046874	1.00	-0.005			0.000
38.50	39.22	FRH **Non-altered fresh rock**	39.00	40.00	M046875	1.00	-0.005			0.000
39.22	39.45	SI2; CL1 **Silicification 2; Chloritization 1**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
39.26	40.09	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated and associated with Qz veins on selvages								
39.26	39.46	Vs;7%;Qz Cc;;65°;Py00.5; **Veins 7% Quartz Calcite 65°** **Pyrite 0.5%** Several Qz-Cc veins,irregular, 0.3-1.5cm max thicknesses,60-70°AC, with disseminated Pytr-1% on selvages								
39.45	40.12	CL1 **Chloritization 1**	40.00	41.00	M046876	1.00	-0.005			0.000
40.09	40.23	Py02.5 **Pyrite 2.5%** Fine to medium grained Py2-3%, disseminated and associated with Qz veins on selvages								
40.09	40.23	Vs;15%;Qz Cc Sr;;68°;; **Veins 15% Quartz Calcite Sericite 68°** Several Qz-Cc-Sr veins, irregular, 0.2-0.5cm max thicknesses								
40.12	40.22	CL2; SI2 **Chloritization 2; Silicification 2**								
40.22	46.00	CL1; SI(1) **Chloritization 1; Silicification (1)**								
40.23	47.35	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated; Up to Py1% at thin intervals	41.00	42.00	M046877	1.00	-0.005			0.000
42.90	43.70	Vs;2%;Qz Cc;;;Pytr; **Veins 2% Quartz Calcite Pyrite tr** Several Qz-Cc veins,irregular, 0.5-2cm max thicknesses,30-70°AC, with disseminated Pytr on selvages								
43.00	43.70	Sch0 **Massive non foliated**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
43.70	47.40	SC2 **Moderate cleavage 62°**								
45.60	45.90	V;0.05;Qz Cc;;22°;Pytr; **Vein 0.05 Quartz Calcite 22°** **Pyrite tr**								
46.00	50.00	CL2; SI(1) **Chloritization 2; Silicification (1)**								
46.60	49.50	Vs;2%;Qz Cc;;;Py00.5; **Veins 2% Quartz Calcite Pyrite 0.5%** Several Qz-Cc veins and veinlets, irregular, 0.1-2cm max thicknesses, 30-70°AC, with disseminated Pytr-1% on selvages								
47.35	47.43	Py01 **Pyrite 1%** Fine to medium grained Py1%, disseminated and associated with Qz Veins								
47.40	48.40	SC1 **Weak cleavage 60°**								
47.43	55.53	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
48.40	52.70	SC2 **Moderate cleavage 61°**								
50.00	53.50	CL1 **Chloritization 1**								
52.70	53.00	SC1 **Weak cleavage 63°**								
53.00	54.50	Sch2 **Foliation - moderate 70°**								
53.50	53.80	CL2 **Chloritization 2**								
53.80	54.50	CL1 **Chloritization 1**								
54.50	55.20	CL2; SI1 **Chloritization 2; Silicification 1**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
54.50	55.20	SC2 **Moderate cleavage 65°**								
54.85	55.12	V;;Qz Cc;;;Cptr; **Vein Quartz Calcite Chalcopyrite** **tr** Boudine of Qz -Cc, brecciated, 0.8-2.2cm, 30-45°AC, with disseminated Pytr, Cptr on selvages								
55.20	58.30	CL1 **Chloritization 1**								
55.20	56.00	SC3 **Strong cleavage 67°**								
55.53	56.41	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated and associated with Qz veins on selvages								
56.00	57.10	Sch0 **Massive non foliated** Micro brecciated								
56.00	57.10	Vs;2%;Qz Cc;;;Py00.5; **Veins 2% Quartz Calcite Pyrite** **0.5%** Several Qz-Cc veins, irregular, microbrecciated, 0.1-1.2cm max thicknesses, 60-70°AC, with disseminated Pytr-1% on selvages								
56.41	61.50	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated and associated with Qz veins on selvages								
57.10	59.40	Sch0 **Massive non foliated**								
58.30	58.50	CL2; SI1 **Chloritization 2; Silicification 1**								
58.50	59.40	FRH **Non-altered fresh rock**								
59.40	61.70	CL2; SI(1)								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization 2; Silicification (1)								
59.40	61.60	Sch1								
		Foliation - weak 67°								
		Micro brecciated								
59.50	62.20	Vs;5%;Qz;;;Pytr;								
		Veins 5% Quartz Pyrite tr								
		Several Qz-Cc veins, irregular, brecciated 0.2-10cm max thicknesses, 60-70°AC, with disseminated Pytr on selvages								
61.50	61.79	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%, disseminated, associated with Qz veins on selvages and on fractures								
61.60	62.80	Sch0								
		Massive non foliated								
61.70	62.00	CL1								
		Chloritization 1								
61.79	71.79	Py(tr)								
		Pyrite (tr)								
		Occasional traces of fine grained Pytr, disseminated and associated with Qz veins								
62.00	62.30	SI2; CL1								
		Silicification 2; Chloritization 1								
62.30	62.80	CL1								
		Chloritization 1								
62.80	63.50	CL2; SI1								
		Chloritization 2; Silicification 1								
62.80	63.30	SC2								
		Moderate cleavage 67°								
63.30	65.50	SC2								
		Moderate cleavage 68°								
63.50	65.00	CL2								
		Chloritization 2								
65.00	66.60	CL(1)								
		Chloritization (1)								
65.50	66.60	Sch0								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Massive non foliated								
66.60	68.00	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
66.60	68.00	SC2								
		Moderate cleavage 66°								
68.00	70.00	CL(1)								
		Chloritization (1)								
68.00	70.00	Sch0								
		Massive non foliated								
70.00	70.70	SI1; CL1								
		Silicification 1; Chloritization 1								
		CL1 to CL2 at intervals								
70.00	71.80	SC1	70.00	71.00	M046878	1.00	-0.005			0.000
		Weak cleavage 62°								
70.70	71.00	CL1								
		Chloritization 1								
71.00	71.70	CL1; SI(1)	71.00	72.00	M046879	1.00	-0.005			0.000
		Chloritization 1; Silicification (1)								
71.70	72.00	CL3; SI1								
		Chloritization 3; Silicification 1								
71.79	71.92	Py01.5; Cptr								
		Pyrite 1.5%; Chalcopyrite tr								
		Fine to medium grained Pytr-1%, disseminated, // to foliation and associatted with Qz Veins								
71.79	71.92	Vs;2%;Qz Cc;;;Pytr Cptr;								
		Veins 2% Quartz Calcite Pyrite tr								
		Chalcopyrite tr								
		Several Qz-Cc veins, irregular, 0.2-0.5cm max thicknesses,70-80°AC, with disseminated Pytr-1% on selvages								
71.80	72.20	Sch4								
		Shear 75°								
71.92	72.66	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained Pytr-1%, disseminated and associated with Qz veins on selvages								
72.00	73.00	CL2; SI1	72.00	73.00	M046881	1.00	-0.005			0.000

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Chloritization 2; Silicification 1								
72.20	73.20	SC1								
		Weak cleavage 63°								
72.66	72.76	Py01.5								
		Pyrite 1.5%								
		Fine to medium grained Py1-2%,								
		disseminated								
72.76	72.91	Py00.5								
		Pyrite 0.5%								
		Fine to medium grained and blebs								
		Pytr-1%, disseminated, assoociated to								
		Qz veins								
72.91	86.44	Pytr								
		Pyrite tr								
		Fine to medium grained Pytr,								
		disseminated								
73.00	84.20	CL1; SI(1)	73.00	74.00	M046882	1.00	-0.005			0.000
		Chloritization 1; Silicification (1)								
		SI (1) at intervals								
73.20	83.20	Sch0								
		Massive non foliated								
83.20	84.20	Sch3								
		Foliation - strong 65°								
		Micro brecciated								
83.25	84.15	Vs;2%;Qz Cc;;;Pytr;								
		Veins 2% Quartz Calcite Pyrite tr								
		Several Qz-Cc veins, irregular,								
		0.2-0.6cm max thicknesses,60-80°AC,								
		with disseminated Pytr on selvages								
84.20	86.50	CL2; SI1	85.00	86.00	M046883	1.00	0.011			0.011
		Chloritization 2; Silicification 1								
84.20	86.00	Sch0								
		Massive non foliated								
86.00	86.40	Sch0	86.00	87.00	M046884	1.00	-0.005			0.000
		Massive non foliated								
86.40	87.00	Sch3								
		Foliation - strong 63°								
		Micro brecciated								
86.44	86.98	Py00.5								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Pyrite 0.5% Fine to medium grained Pytr-1%, disseminated, associated with Qz veins and breccia								
86.44	86.98	Vs;10%;Qz Cc;;10°;Py00.5; **Veins 10% Quartz Calcite 10°** **Pyrite 0.5%** Several Qz-Cc veins, irregular, brecciated, 0.2-1.5cm max thicknesses,60-70°AC, with disseminated Pytr-1% on selvages								
86.50	86.80	CL3; SI2 **Chloritization 3; Silicification 2**								
86.80	87.40	CL1 **Chloritization 1**								
86.98	89.51	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
87.00	87.40	Sch0 **Massive non foliated**	87.00	88.00	M046885	1.00	0.006			0.006
87.40	87.80	CL3; SI1 **Chloritization 3; Silicification 1**								
87.40	87.80	Sch4 **Shear 73°**								
87.68	87.90	Vs;2%;Qz Cc;;;Pytr; **Veins 2% Quartz Calcite Pyrite tr** Several Qz-Cc veins, irregular,0.1-0.3cm max thicknesses, 60-70°AC, with disseminated Pytr on selvages								
87.80	88.10	CL1 **Chloritization 1**								
87.80	88.20	Sch0 **Massive non foliated**	88.00	89.00	M046886	1.00	-0.005			0.000
88.10	88.40	CL2; SI1 **Chloritization 2; Silicification 1**								
88.20	88.40	SC2 **Moderate cleavage 74°**								

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
88.20	88.40	Vs;;Qz Cc;;73°;Pytr; **Veins Quartz Calcite 73° Pyrite tr** Several Qz-Cc veins, irregular, 1-3.5cm max thicknesses,60-80°AC, with disseminated Pytr-1% on selvages								
88.40	96.90	CL1; SI(1) **Chloritization 1; Silicification (1)**								
88.40	95.40	Sch0 **Massive non foliated**								
89.51	89.97	Py00.5 **Pyrite 0.5%** Fine to medium grained Pytr-1%, disseminated, associated with Qz veins and in fractures								
89.97	102.65	Pytr **Pyrite tr** Fine to medium grained Pytr, disseminated								
95.40	97.60	Sch0 **Massive non foliated** Micro brecciated								
95.40	97.60	Vs;2%;Qz Cc;;73°;Py00.5; **Veins 2% Quartz Calcite 73°** **Pyrite 0.5%** Several Qz-Cc veinlets, irregular, micro brecciated 0.1-4cm max thicknesses, 30-80°AC, with disseminated Pytr-1% on selvages								
96.90	97.40	CL3 **Chloritization 3**								
97.40	99.00	CL1 **Chloritization 1**								
97.60	99.00	Sch0 **Massive non foliated**								
99.00	99.50	CL2; SI1 **Chloritization 2; Silicification 1**								
99.00	100.50	SC1 **Weak cleavage 70°**								
99.50	100.20	FRH; CL(1)								

Description			Assay						
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
		Non-altered fresh rock;								
		Chloritization (1)								
	100.20 100.90	CL2; SI(1)								
		Chloritization 2; Silicification (1)								
	100.50 100.80	SC3								
		Strong cleavage 74°								
	100.80 102.10	Sch0								
		Massive non foliated								
	100.90 102.63	CL1	101.00	102.00	M046887	1.00	-0.005			0.000
		Chloritization 1	102.00	102.60	M046888	0.60	0.012			0.012
	102.10 107.23	Sch4	102.60	103.26	M046890	0.66	0.012			0.012
		Shear 76°								
	102.63 105.30	SI2; CL2; SR(1)								
		Silicification 2; Chloritization 2;								
		Sericitization (1)								
	102.65 104.95	Po0..5								
		Pyrrhotite 0..5								
		Fine to medium grained Pot up to Po1%, disseminated, // to foliation and associated with Qz veins; Local traces of Cp								
	102.65 105.10	Vs;5%;Qz Cc;;;Potr Pytr Cptr;								
		Veins 5% Quartz Calcite								
		Pyrrhotite tr Pyrite tr								
		Chalcopyrite tr								
		Several Qz-Cc veins, irregular, 0.1-4cm max thicknesses,30-80°AC, with disseminated Pytr, Potr, Cptr init and on selvages								
102.66	105.30	AE; Sch4	103.26	104.00	M046891	0.74	0.012			0.012
		Altered rock; Sheared	104.00	105.00	M046892	1.00	0.011			0.011
		Altered rock, sheared; Tousssaint type less developped; Pale greenish grey colour; Fine grained; Origineral texture of rock is obliterates by alteration and deformation; Strongly sheared@ 76°AC; Alteration SI2, CL2 and SR(1) at places; Several Qz-Cc veins and veinlets 2-3cm thicknesses max // to Shear, often with disseminated PoPy locally Cp, init and on selvages; Sulfides mineralization PoPytr-2%,								

Description				Assay							
				From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
			disseminated, // to shear and occasionaly associated with veins; Gradational contact								
	104.95	105.05	Po02 **Pyrrhotite 2%** Fine to medium grained Py2%, disseminated on Qz Veins selvages; Local traces of Cp	105.00	106.00	M046893	1.00	0.131			0.131
	105.05	105.65	Po00.5 **Pyrrhotite 0.5%** Fine to medium grained Potr-1%, Pytr, disseminated, as stringers and associated with Qz veins								
105.30	144.00		I3A **Gabbro** Gabbro; Dark greenish grey colour; Fine to medium grained; Mafic minerals dominantly than plagioclases; In general massive to slightly foliated; In general CL1, increases to CL2 at thin intervals; Occasional traces of fine grained Pytr, disseminated								
	105.30	107.00	CL1 **Chloritization 1**								
	105.65	107.48	Potr; Pytr **Pyrrhotite tr; Pyrite tr** Fine to medium grained Potr, Pytr, disseminated and associated with Qz veinlets	106.00	107.00	M046894	1.00	0.121			0.121
	107.00	107.30	CL2; SI1 **Chloritization 2; Silicification 1**	107.00	108.00	M046895	1.00	0.088			0.088
	107.23	110.10	Sch2 **Foliation - moderate 66°**								
	107.30	107.48	CL(1) **Chloritization (1)**								
	107.48	107.70	CL2; SR1 **Chloritization 2; Sericitization 1**								
	107.48	108.08	Pytr **Pyrite tr** Occasional traces of Py, disseminated								
	107.70	108.80	CL1; SI(1) **Chloritization 1; Silicification (1)**	108.00	109.00	M046896	1.00	0.007			0.007

Description			Assay							
			From	To	Number	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au_final (ppm)
108.80	144.00	CL1; EP(1) **Chloritization 1; Epidotization (1)** Weak epidotization at places								
110.10	131.20	Sch0 **Massive non foliated**								
120.28	140.00	Py(tr) **Pyrite (tr)** Occasional traces of Py(tr), disseminated and associated with QzVeins								
131.20	135.90	Sch1 **Foliation - weak 70°**								
135.90	144.00	Sch0 **Massive non foliated**								
140.00	141.00	Py(tr); Cp(tr) **Pyrite (tr); Chalcopyrite (tr)** Occasional traces of Pytr, Cptr, disseminated, assoviated with Veins and fractures								
141.00	144.00	Py(tr) **Pyrite (tr)** Occasional traces of Pytr, disseminated and associated with Qz veins								
144.00	**End of DDH** **Number of samples: 27** **Number of QAQC samples: 3** **Total sampled length: 26.00**									

QAQC

From	To	Number	Reference	Length	Au-AA23 (ppm)	Au-GRA21 (ppm)	Au-SCR21 (ppm)	Au previous (ppm)	Au_final (ppm)
32.00	32.01	M046871	Blank	0.01	-0.005				0.000
72.00	72.01	M046880	SE58	0.01	0.595				0.595
102.00	102.60	M046889	M046888	0.60	0.013				0.013

APPENDIX 3

CERTIFICATES OF ANALYSIS
FALL 2012 PROGRAM

BOURLAMAQUE ASSAY LABORATORIES LTD.

ANALYSIS REPORT

B12-1090 Final

Client name:	**VICKING GOLD EXPLORATION INC.**
Submitted by:	Chafik Bahloul
Attention:	Mark Edwards Suite 2B-2900 John Street Markham Ontario L3R 5G3 Canada
Type(s) of sample(s):	Carotte / Core
Number of samples:	20
Project name:	Verneuil
Batch number:	20121126
Date received:	November 26, 2012
Report date:	November 28, 2012
Analysis instructions:	Code AU020 Au Pyroanalyse-SAA 30g

Total pages: 3 (including this page)

Linda Melnbardis BSc
President
Quebec Order of Chemists 1982-119

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Telephone: +1 (819) 824-4337 Fax: +1 (819) 824-4745 lab.bourlamaque@tlb.sympatico.ca

BOURLAMAQUE ASSAY LABORATORIES LTD.

Client: Vicking Gold Exploration Inc.
Project: Verneuil
Sample type(s): Carotte / Core
Submitted by: Chafik Bahloul

ANALYSIS CERTIFICATE
Report No. B12-1090
28-nov-12

RESULTS

	Analyte Symbol	Au
	Unit Symbol	ppm
	Detection Limit	0.01
	Analysis Method	PY-SAA-30GM
1	P089001	< 0.01
2	P089002	< 0.01
3	P089003	< 0.01
4	P089004	< 0.01
5	P089005	< 0.01
6	P089006	< 0.01
7	P089007	< 0.01
8	P089008	< 0.01
9	P089009	0.02
10	P089010	0.01
11	P089011	0.01
12	P089012	0.02
13	P089013	0.09
14	P089014	0.31
15	P089015	5.47
16	P089016	0.14
17	P089017	0.35
18	P089018	0.04
19	P089019	1.82
20	P089020	0.02

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ANALYSIS CERTIFICATE
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28-nov-12

QUALITY CONTROL

Analyte Symbol	Au
Unit Symbol	ppm
Detection Limit	0.01
Analysis Method	PY-SAA-30GM
BPREP QC Sample	< 0.01
BPREP QC Sample	< 0.01
OxJ95 Meas	2.19
OxJ95 Cert	2.34
P089001 Orig	< 0.01
P089001 Rep Dup	< 0.01
P089001 Prep Dup	< 0.01

ANALYSIS METHODS

Method Code	Description
PY-SAA-30GM	Pyroanalyse SAA 30g

Linda Melnbardis BSc
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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 6-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12276245

Projet:

Bon de commande #:

Ce rapport s'applique aux 110 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22-NOV-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 6-DEC-2012
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CERTIFICAT D'ANALYSE VO12276245

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046601		0.52	<0.005
M046602		2.34	<0.005
M046603		2.38	<0.005
M046604		2.36	<0.005
M046605		2.18	<0.005
M046606		2.28	<0.005
M046607		2.09	<0.005
M046608		1.75	<0.005
M046609		2.32	<0.005
M046610		0.09	2.63
M046611		2.23	0.006
M046612		1.91	0.007
M046613		2.14	0.005
M046614		2.07	<0.005
M046615		2.04	<0.005
M046616		2.02	<0.005
M046617		2.21	<0.005
M046618		0.87	<0.005
M046619		0.86	<0.005
M046620		2.26	<0.005
M046621		2.29	<0.005
M046622		2.21	<0.005
M046623		2.26	<0.005
M046624		2.16	<0.005
M046625		2.08	0.008
M046626		2.26	0.007
M046627		2.25	<0.005
M046628		0.40	<0.005
M046629		1.70	<0.005
M046630		2.30	0.012
M046631		2.19	0.006
M046632		2.37	0.006
M046633		2.20	<0.005
M046634		2.02	0.007
M046635		2.24	0.006
M046636		2.14	0.009
M046637		0.10	0.981
M046638		2.12	0.013
M046639		2.25	0.008
M046640		2.18	<0.005

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Finalisée date: 6-DEC-2012
Compte: VIGOEX

CERTIFICAT D'ANALYSE VO12276245

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046641		2.30	0.007
M046642		2.18	<0.005
M046643		2.15	0.010
M046644		1.84	<0.005
M046645		0.97	0.008
M046646		1.13	0.005
M046647		2.21	<0.005
M046648		2.12	0.009
M046649		2.18	<0.005
M046650		2.18	0.009
M046651		2.19	<0.005
M046652		2.28	0.009
M046653		2.46	<0.005
M046654		2.26	0.009
M046655		0.38	<0.005
M046656		2.06	0.008
M046657		2.54	0.018
M046658		2.27	0.013
M046659		2.23	0.005
M046660		2.40	0.024
M046661		2.23	0.010
M046662		2.36	0.054
M046663		1.98	0.019
M046664		0.11	0.587
M046665		2.26	0.008
M046666		2.09	0.016
M046667		2.23	0.017
M046668		2.35	0.118
M046669		2.10	0.006
M046670		2.10	0.012
M046671		2.25	<0.005
M046672		1.02	<0.005
M046673		1.03	0.010
M046674		2.37	<0.005
M046675		2.33	0.006
M046676		2.37	<0.005
M046677		2.00	0.014
M046678		2.29	<0.005
M046679		2.72	0.011
M046680		2.27	0.018

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Compte: VIGOEX

CERTIFICAT D'ANALYSE VO12276245

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046681		2.42	0.036
M046682		0.42	<0.005
M046683		2.18	0.010
M046684		2.36	0.022
M046685		2.39	0.014
M046686		2.42	0.032
M046687		2.39	0.016
M046688		2.39	0.015
M046689		2.34	0.037
M046690		2.17	0.022
M046691		0.10	5.85
M046692		2.32	0.011
M046693		1.79	0.005
M046694		2.05	0.015
M046695		2.40	0.010
M046696		2.36	<0.005
M046697		2.46	0.042
M046698		2.28	0.029
M046699		1.13	0.020
M046700		0.96	0.016
M046701		2.30	0.015
M046702		2.36	0.033
M046703		2.30	0.018
M046704		2.84	1.095
M046705		1.80	0.020
M046706		2.41	0.012
M046707		2.33	0.011
M046708		2.20	0.047
M046709		0.30	<0.005
M046710		2.28	0.016

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 4-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12277148

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 34 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-NOV-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 4-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12277148

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046780		0.83	<0.005
M046782		0.90	<0.005
M046783		0.86	<0.005
M046784		0.93	0.005
M046785		0.90	<0.005
M046786		0.91	0.005
M046787		0.86	0.008
M046788		0.93	0.008
M046789		0.90	0.011
M046790		0.45	<0.005
M046791		1.02	0.008
M046792		1.05	0.011
M046793		0.74	0.303
M046794		1.03	0.458
M046795		0.96	0.105
M046796		0.92	0.287
M046797		0.95	0.033
M046798		0.93	0.957
M046799		0.09	5.90
M046800		0.99	0.014
M046801		2.29	0.012
M046802		2.13	0.019
M046803		2.18	0.017
M046804		2.12	0.027
M046805		1.63	0.020
M046806		2.06	0.011
M046807		0.84	0.221
M046808		0.87	0.025
M046809		2.11	0.010
M046810		2.07	0.033
M046811		1.79	<0.005
M046812		2.01	<0.005
M046813		1.98	<0.005
M046814		2.00	<0.005

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 5-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12277309

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 69 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-NOV-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 5-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12277309

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046711		2.22	0.011
M046712		2.30	0.006
M046713		2.09	<0.005
M046714		2.31	<0.005
M046715		1.65	<0.005
M046716		2.27	<0.005
M046717		2.24	0.006
M046718		0.09	2.57
M046719		2.67	0.007
M046720		2.33	0.007
M046721		2.14	0.006
M046722		2.29	0.015
M046723		2.30	0.007
M046724		2.26	<0.005
M046725		2.40	<0.005
M046726		1.14	0.007
M046727		1.02	0.007
M046728		2.30	0.008
M046729		2.31	0.006
M046730		2.30	0.006
M046731		2.27	0.005
M046732		2.30	<0.005
M046733		2.30	<0.005
M046734		2.17	0.007
M046735		2.22	<0.005
M046736		0.40	0.005
M046737		2.10	0.005
M046738		2.17	<0.005
M046739		2.36	0.023
M046740		2.00	0.007
M046741		2.03	<0.005
M046742		2.07	<0.005
M046743		2.08	0.066
M046744		2.13	0.024
M046745		0.09	0.995
M046746		1.94	0.016
M046747		2.04	<0.005
M046748		2.07	0.006
M046749		2.05	0.006
M046750		2.22	0.008

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Finalisée date: 5-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12277309

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046751		2.09	0.023
M046752		2.11	0.015
M046753		1.00	0.039
M046754		1.03	0.056
M046755		2.14	0.026
M046756		2.22	0.020
M046757		2.19	0.017
M046758		2.07	0.031
M046759		2.25	0.006
M046760		2.29	0.008
M046761		2.12	<0.005
M046762		2.15	0.016
M046763		Not Recvd	
M046764		1.89	0.010
M046765		1.62	0.092
M046766		2.30	0.017
M046767		1.94	0.072
M046768		1.91	0.044
M046769		2.32	0.023
M046770		2.00	0.042
M046771		1.98	0.023
M046772		0.09	0.568
M046773		2.15	0.073
M046774		2.20	0.007
M046775		2.19	0.055
M046776		2.19	0.105
M046777		2.11	0.566
M046778		2.26	0.421
M046779		2.16	0.023

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 9-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12283135

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 46 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 2-DEC-2012.

Les résultats sont transmis à:

CHAFIK BAHLOUL PIERRE POISSON	MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
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Finalisée date: 9-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12283135

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046821		2.19	<0.005
M046822		2.51	<0.005
M046823		2.39	0.042
M046824		2.16	0.011
M046825		2.12	0.015
M046826		0.08	2.85
M046827		2.22	0.028
M046828		2.26	0.100
M046829		2.26	0.009
M046830		2.21	0.013
M046831		2.22	0.013
M046832		2.18	0.010
M046833		1.01	0.012
M046834		0.96	0.012
M046835		2.24	0.005
M046836		2.19	0.039
M046837		2.16	<0.005
M046838		2.24	0.006
M046839		2.18	0.020
M046840		2.10	0.011
M046841		2.50	0.023
M046842		1.70	<0.005
M046843		2.12	0.233
M046844		0.51	<0.005
M046845		2.03	0.042
M046846		2.14	0.013
M046847		2.24	<0.005
M046848		2.19	0.055
M046849		2.17	0.039
M046850		2.19	0.118
M046851		2.29	0.023
M046852		1.87	0.027
M046853		0.09	1.030
M046854		2.09	<0.005
M046855		2.13	0.010
M046856		2.12	0.265
M046857		2.07	0.095
M046858		1.88	1.210
M046859		2.08	1.045
M046860		2.08	0.277

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 9-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12283135

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046861		0.98	0.596
M046862		0.99	0.405
M046863		2.19	0.080
M046864		2.13	0.935
M046865		2.07	0.045
M046866		2.21	0.027

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 9-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12283136

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 30 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 2-DEC-2012.

Les résultats sont transmis à:

CHAFIK BAHLOUL PIERRE POISSON	MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 9-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12283136

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046867		1.70	0.005
M046868		2.20	<0.005
M046869		3.13	<0.005
M046870		2.00	<0.005
M046871		0.49	<0.005
M046872		1.93	<0.005
M046873		2.14	<0.005
M046874		2.17	<0.005
M046875		2.11	<0.005
M046876		2.15	<0.005
M046877		1.93	<0.005
M046878		2.11	<0.005
M046879		2.18	<0.005
M046880		0.09	0.595
M046881		2.08	<0.005
M046882		2.11	<0.005
M046883		1.31	0.011
M046884		1.97	<0.005
M046885		2.07	0.006
M046886		2.13	<0.005
M046887		2.13	<0.005
M046888		0.53	0.012
M046889		0.57	0.013
M046890		1.47	0.012
M046891		1.45	0.012
M046892		2.16	0.011
M046893		2.16	0.131
M046894		1.50	0.121
M046895		2.06	0.088
M046896		2.17	0.007

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À: VIKING GOLD EXPLORATION INC.
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Finalisée date: 8-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12283138

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 40 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3-DEC-2012.

Les résultats sont transmis à:

CHAFIK BAHLOUL PIERRE POISSON	MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 8-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12283138

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046897		2.26	0.006
M046898		0.47	<0.005
M046899		2.08	0.010
M046900		2.16	<0.005
M046901		2.18	<0.005
M046902		2.11	0.005
M046903		2.22	<0.005
M046904		2.17	<0.005
M046905		2.15	<0.005
M046906		2.07	<0.005
M046907		0.09	6.29
M046908		2.16	<0.005
M046909		2.19	0.009
M046910		2.23	0.010
M046911		2.11	0.062
M046912		2.23	0.119
M046913		2.18	0.050
M046914		2.24	0.042
M046915		0.98	<0.005
M046916		1.06	<0.005
M046917		2.05	0.007
M046918		2.06	<0.005
M046919		2.17	<0.005
M046920		2.21	<0.005
M046921		2.20	<0.005
M046922		1.48	<0.005
M046923		1.50	0.013
M046924		1.57	0.244
M046925		0.43	<0.005
M046926		1.68	0.996
M046927		1.96	0.405
M046928		1.31	0.010
M046929		1.75	0.026
M046930		1.83	0.023
M046931		1.77	0.076
M046932		1.91	<0.005
M046933		2.39	0.008
M046934		0.09	2.70
M046935		2.16	0.028
M046936		2.25	0.013

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À: VIKING GOLD EXPLORATION INC.
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Finalisée date: 9-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12283291

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 36 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30-NOV-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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2103 Dollarton Hwy
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Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 9-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12283291

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
P089021		2.28	<0.005
P089022		2.06	<0.005
P089023		1.14	<0.005
P089024		0.92	<0.005
P089025		2.21	0.006
P089026		2.19	<0.005
P089027		2.38	0.009
P089028		2.47	0.056
P089029		2.23	0.006
P089030		2.29	0.012
P089031		2.16	0.007
P089032		2.29	0.007
P089033		0.34	<0.005
P089034		2.33	0.006
P089035		2.18	<0.005
P089036		2.23	0.006
P089037		2.19	0.007
P089038		2.89	0.007
P089039		2.23	0.007
P089040		2.18	0.008
P089041		2.30	<0.005
P089042		0.09	2.66
P089043		2.10	<0.005
P089044		2.27	0.005
P089045		2.13	<0.005
P089046		2.40	0.005
P089047		2.18	<0.005
P089048		2.20	0.005
P089049		2.12	<0.005
P089050		2.24	0.008
M046815		2.23	0.127
M046816		1.71	0.171
M046817		0.32	<0.005
M046818		2.31	0.019
M046819		2.10	0.056
M046820		2.10	0.007

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 12-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12285511

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 49 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5-DEC-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
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Finalisée date: 12-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12285511

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046969		0.86	0.008
M046970		0.93	<0.005
M046971		2.14	<0.005
M046972		2.20	0.005
M046973		1.11	0.010
M046974		1.35	<0.005
M046975		1.69	0.005
M046976		1.59	0.010
M046977		1.61	0.005
M046978		1.16	0.005
M046979		0.43	<0.005
M046980		1.96	<0.005
M046981		2.05	<0.005
M046982		2.05	<0.005
M046983		2.13	0.008
M046984		1.99	0.015
M046985		2.11	0.010
M046986		2.20	<0.005
M046987		2.16	<0.005
M046988		0.09	0.619
M046989		2.10	<0.005
M046990		2.08	<0.005
M046991		2.18	<0.005
M046992		2.28	<0.005
M046993		1.27	<0.005
M046994		2.12	0.007
M046995		2.08	0.007
M046996		0.91	0.005
M046997		1.01	<0.005
M046998		2.18	<0.005
M046999		2.06	<0.005
M047000		2.07	0.005
P089052		2.15	<0.005
P089053		2.10	0.822
P089054		2.16	<0.005
P089055		2.02	<0.005
P089056		2.21	0.006
P089057		2.19	0.012
P089058		2.22	0.015
P089059		2.08	0.008

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Finalisée date: 12-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12285511

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
P089060		0.38	<0.005
P089061		2.11	0.026
P089062		2.03	0.018
P089063		2.02	0.028
P089064		2.14	0.034
P089065		2.19	0.018
P089066		2.19	0.020
P089067		2.19	0.241
P089068		1.99	0.037

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8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 12-DEC-2012
Compte: VIGOEX

CERTIFICAT VO12285512

Projet: VERNEUIL

Bon de commande #:

Ce rapport s'applique aux 32 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5-DEC-2012.

Les résultats sont transmis à:

MARK EDWARDS GEORGE SLIGHTHAM	REJEAN GOSSELIN MAC WATSON	PIERRE POISSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

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

À: VIKING GOLD EXPLORATION INC.
ATTN: PIERRE POISSON
8 KING ST. EAST #400
TORONTO ON M5C 1B5

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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: VIKING GOLD EXPLORATION INC.
8 KING ST. EAST #400
TORONTO ON M5C 1B5

Finalisée date: 12-DEC-2012
Compte: VIGOEX

Projet: VERNEUIL

CERTIFICAT D'ANALYSE VO12285512

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
M046937		2.22	<0.005
M046938		1.23	<0.005
M046939		2.23	0.006
M046940		2.23	0.005
M046941		2.26	<0.005
M046942		0.92	<0.005
M046943		0.99	<0.005
M046944		2.21	0.005
M046945		2.17	<0.005
M046946		2.17	0.029
M046947		2.20	<0.005
M046948		2.03	<0.005
M046949		1.94	<0.005
M046950		2.21	0.007
M046951		2.11	0.006
M046952		0.44	<0.005
M046953		2.10	<0.005
M046954		2.14	0.005
M046955		2.25	<0.005
M046956		2.18	0.005
M046957		2.14	<0.005
M046958		1.46	<0.005
M046959		1.44	0.013
M046960		1.45	0.009
M046961		0.08	1.060
M046962		1.38	0.021
M046963		1.33	0.040
M046964		1.62	0.351
M046965		2.13	0.014
M046966		2.17	0.039
M046967		2.17	0.772
M046968		2.22	0.024