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Form 43-101F1
Technical Report

Technical Report and Recommendations 2014 Geological Exploration Program Opinaca-Black Dog Property, Quebec

VIRGINIA MINES INC.
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Prepared by:

Jérôme Lavoie, Eng., M.Sc.A.

Project Geologist, Virginia Mines Inc.

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TABLE OF CONTENTS

ITEM 1: SUMMARY 1
ITEM 2: INTRODUCTION 2
ITEM 3: RELIANCE ON OTHER EXPERTS 2
ITEM 4: PROPERTY DESCRIPTION AND LOCATION 2
ITEM 5: ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY 5
ITEM 6: HISTORY 5
6.1 Property Ownership 5
6.2 Previous Work 5
ITEM 7: GEOLOGICAL SETTING AND MINERALIZATION 8
7.1 Regional Geology 8
7.2 Local and Property Geology 12
7.3 Mineralization 13
ITEM 8: DEPOSIT TYPES 15
ITEM 9: EXPLORATION 15
9.1 Prospecting 16
9.1.1 Target #1, The Black Dog Lake showing area (Figure 8) 17
9.1.2 Target #3, Katatapiminakun Lake, 99-DF-2373 showing (Figure 9) 18
9.1.3 Target #4, Au anomalous grab #1013403 and #1013404 (Figure 10) 19
9.2 Trenching and Channeling 19
ITEM 10: DRILLING 20
ITEM 11: SAMPLE PREPARATION, ANALYSES AND SECURITY 20
11.1 Sample security, storage and shipment 20
11.2 Sample preparation and assay procedures 20
11.2.1 Gold Fire Assay AA Finish and Multi-Elements 20
ITEM 12: DATA VERIFICATION 21
12.1 Reference Material Validation 21
ITEM 13: MINERAL PROCESSING AND METALLURGICAL TESTING 21
ITEM 14: MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES 21
ITEM 15: MINERAL RESERVE ESTIMATES 21
ITEM 16: MINING METHODS 21
ITEM 17: RECOVERY METHODS 21
ITEM 18: PROJECT INFRASTRUCTURE 21
ITEM 19: MARKET STUDIES AND CONTRACT 22
ITEM 20: ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT 22
ITEM 21: CAPITAL AND OPERATING COSTS 22
ITEM 22: ECONOMIC ANALYSIS 22
ITEM 23: ADJACENT PROPERTIES 22
ITEM 24: OTHER RELEVANT DATA AND INFORMATION 25
ITEM 25: INTERPRETATION AND CONCLUSIONS 25

ITEM 26: RECOMMENDATIONS 26
26.1 High definition magnetic survey 3D inversion 26
26.2 Till Survey 26
26.3 Systematic Prospecting and Trenching Survey 26
26.4 Drilling 26
ITEM 27: REFERENCES 28

LIST OF TABLES

Table 1 : Anomalous values (Au-Ag-As-Co-Cu) from grab samples, Opinaca-Black Dog project, summer 2014, James Bay, Quebec.

LIST OF FIGURES

Figure 1 : Opinaca-Black Dog project location and infrastructures .
Figure 2 : Claims location, Opinaca-Black Dog property, Utm Nad27, Zone 18.
Figure 3 : Regional geology of the Wabamisk-Anatacau-Assini-Opinaca-Black Dog properties area, modified from SIGEOM database geology. James Bay, Quebec. Utm Nad27, Zone 18.
Figure 4 : Local geology of the Opinaca-Black Dog property area, modified from SIGEOM database geology. James Bay, Quebec. Utm Nad27, Zone 18.
Figure 5 : Outcrops and boulders location, 1:10 000 (In pocket)
Figure 6 : Grab sample location, 1:10 000 (In pocket)
Figure 7 : Geological targets location and Au-Ag-As-Co-Cu anomalous samples location (Yellow stars), Black Dog area, James Bay, Quebec. Utm Nad27, Zone 18.
Figure 8 : Grab samples in Target #1 (red rhombus) and anomalous values location, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.
Figure 9 : Grab samples in Target #3 (red rhombus) and anomalous values location, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.
Figure 10 : Grab samples in Target #4 (red rhombus) and anomalous values location, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.
Figure 11 : Interpretation of favorable gold mineralized horizon over Opinaca-Black Dog property (Black bold dash line). The Acotago fault is represented by the hatched white line oriented NNE-SSW.

LIST OF APPENDICES

Appendix 1 : Claims List
Appendix 2 : List of abbreviations
Appendix 3 : Outcrops and boulders location and description Table
Appendix 4 : Assays MEA Results Table
Appendix 5 : Structural Measurement Table
Appendix 6 : Laboratory Certificates

ITEM 1: SUMMARY

The Opinaca-Black Dog project is located in the James Bay territory near the Eastmain River just to the south of Opinaca Reservoir (SNRC 33C01, 33C0). It is approximately 65 kilometres north of the Nemiscau camp (Figure 1) and 285 km northwest of the town of Chibougamau, Quebec. The property is accessible via the all season gravel road linking Nemiscau to Hydro-Quebec's EM-1 hydroelectric complex and the west via the EM-1-Muskeg gravel road (road C-9) leading to the evacuator and dam OA-11 on the Opinaca reservoir. It is also accessible via the James Bay highway and the access road running to the east. This property consists of 188 map-designated claims, totaling 9940.25 hectares 100% held by Virginia Mines Inc. (Figure 2). The present report focuses on the 2014 summer field campaign on Black Dog part of the property (red map-designated claims; Figure 2). These claims are adjacent to the eastern part, and form part of, the Opinaca property. Virginia Mines Inc. acquired 100% of the Black Dog property from Arianne Phosphate Inc. in 2014. Ressources Vantex Ltée retains a 1.5% NSR on the Black Dog property.

The Opinaca-Black Dog property, located in the La Grande subprovince of the Archean Superior Province, occurs within the Middle and Lower Eastmain greenstone belt (MLEGSB). The Eastmain greenstone belt is essentially composed of komatiitic to rhyolitic volcanic rocks and two sedimentary formations. Younger gabbros and feldspar porphyry intrusions crosscut the volcano-sedimentary rocks. Granite and tonalite intrusions cover the southern half of the property.

The Black Dog Lake (Hudson Lake), Contact, Isabelle, Bull and Chino zones are the most significant showings discovered on the property to date. The Black Dog Lake zone occurs in a sulphide-facies banded iron formation composed mainly of thinly banded chert-sulphides (pyrrhotite-pyrite±chalcopyrite±arsenopyrite) and chlorite-amphibole-biotite-carbonates-garnet beds. This zone assayed up to 15.20 g/t Au / 0.60 m (borehole LH-88-01), 5.60 g/t Au / 1.10 m (borehole LH-88-02) and 3.00 g/t Au / 1.00 m (borehole LH-95-01). The Contact zone consists of gold bearing quartz veins with disseminated arsenopyrite hosted in deformed intermediate to mafic tuffs and basalts. This zone assayed up to 43.75 g/t Au (grab), 1.1 g/t Au / 8.0 m (channel) and 4.73 g/t Au / 3.1 m (borehole OPI-06-16). The Isabelle zone, which was only intersected at depth in boreholes, consists of quartz veinlets with sericite and pyrite. This zone, occurring within the sedimentary rock north of the contact with the mafic lava, has gold values up to 31.44 g/t Au / 2.6 m (borehole OPI-06-34). The Bull zone mineralization occurs in quartz-carbonate-pyrite veinlets hosted by sedimentary rock east of the Acotago fault. This zone assayed up to 1.52 g/t Au / 13.6 m (borehole OPI-06-37). The Chino zone, composed of quartz-carbonate stockwork mineralized with arsenopyrite, pyrrhotite and pyrite, occurs in deformed basalt and mafic tuff. This zone returned up to 7.94 g/t Au / 4.0 m (channel) and 14.58 g/t Au / 5.4 m (borehole OPI-08-10). These gold bearing zones are found near the contact between the volcanic and sedimentary units of the Anatacau-Pivert formation.

The favorable horizon hosting the Black Dog Lake zone is oriented east-west along strike and has been traced for over 600 meters in length. This zone, occurring within the chemical sedimentary rock (BIF), is in contact to the north and the south with felsic to intermediate volcanic rock

interlayed with tuff horizons (O'Dowd, 2007). The iron formation is generally metric to decametric in width and the gold content is sub-economic (O'Dowd, 2007).

Limited outcrop and boulder prospecting was undertaken by Virginia Mines during the summer of 2014. Most of the samples returned gold values below detection limits. However, some samples collected returned anomalous values in Au±Ag±As±Co±Cu. One grab sample from a sulphide-facies banded iron formation returned value of **0.69 g/t Au, 2.4 g/t Ag and >1% As**.

ITEM 2: INTRODUCTION

This report provides technical geological data relevant to Virginia Mines Inc.'s option of the Opinaca-Black Dog property in Quebec and has been prepared in accordance with Form 43-101F1, Technical Report format outlined under NI 43-101.

The technical data relating to exploration on the property is derived from Virginia Mines Inc's database and from the "SIGÉOM" database of the Quebec government which is public information accessible from the *Ministère des Ressources naturelles et de la Faune* website.

The purpose of the report is to present the status of current geological information generated from Virginia's 2014 exploration program on the Opinaca-Black Dog property and to provide recommendations for future work.

Author Jérôme lavoie, M.Sc.A. in Engineering Geology and one of Virginia's senior project geologists, oversaw the Opinaca-Black Dog project and is the qualified person for the project. Mr. Lavoie has been involved in the project since the summer of 2014. During the period covered by this report, Mr. Lavoie spent one day on the property and supervised all aspects of field work.

ITEM 3: RELIANCE ON OTHER EXPERTS

This section is not applicable to this report.

ITEM 4: PROPERTY DESCRIPTION AND LOCATION

The Opinaca-Black Dog project is located in the James Bay area just to the south of Opinaca reservoir (Figure 1), approximately 285 km NW of the town of Chibougamau, Quebec.

Latitude:	52°03' to 52°22' North
Longitude:	76°59' to 76°29' West
NTS:	33C/01 (Pivert Lake) and 33C/02 (Anatacau Lake)
UTM zone:	18 (NAD27), 390914 E to 411721 E; 5765601 N to 5785757 N

This property consists of 188 map-designated claims totaling 9940.25 hectares which are 100% held by Virginia Mines Inc. (red map-designated claims; Figure 2). Virginia Mines Inc. acquired 100% of the Black Dog property from Arianne Phosphate Inc. in 2014. Ressources Vantex Ltée retains a 1.5% NSR on the Black Dog property.

Due to the early exploration stage of the Opinaca-Black Dog project, the property is not subject to any environmental liabilities.



Figure 1: Location of the Opinaca-Black-Dog property and infrastructures, James Bay, Quebec.

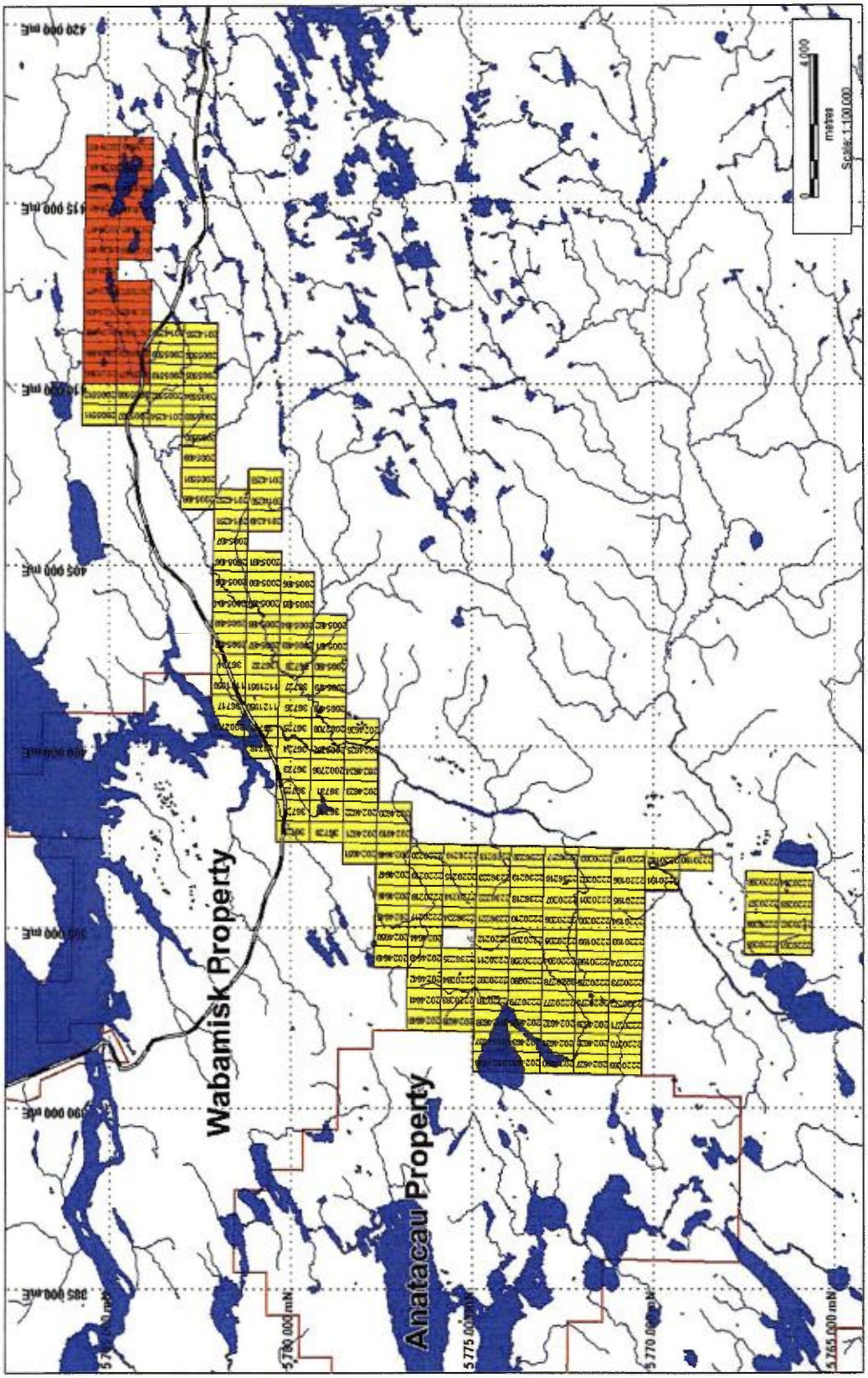


Figure 2: Map of claims for the Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.

ITEM 5: ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The property is located 55 km north of the Cree community of Nemaska. It lies about 50 km east of the James Bay highway and it is traversed by the Eastmain 1-Muskeg road between Hydro-Quebec's OA-11 dike on the Opinaca reservoir and the EM-1 hydroelectric complex. Two high-voltage (735 kV) power lines run across the southwest part of the property. A medium-voltage (315 kV) power line runs along the Eastmain 1-Muskeg road in the northern third of the property. A 69 kV line also parallels this road.

The northern half of the property is accessible by the Eastmain 1-Muskeg road. Tractor trails to the new 315 kV power line are also usable to reach the area about 1 to 2 km south of the road. Virginia's Wabamisk exploration camp is located 11 km northwest of the property.

Topographic relief on the property is typical for the James Bay area of Quebec. It is characterized by gentle relief with rolling hills, abundant lakes, rivers, streams and swamps and sparse to medium density conifer forests. Altitudes range between 210 and 275 metres above sea level. The drainage pattern is marked by the presence of the Acotago River and by numerous lakes on the property, including Epamikamach Lake in the southern part. Numerous bogs and fens occur in the south half of the property. Water drains north, toward the Eastmain River and Opinaca reservoir.

The ground is snow covered from mid-October to mid-May preventing all fieldwork with the exception of drilling and geophysical surveying.

ITEM 6: HISTORY

6.1 Property Ownership

The Opinaca-Black Dog property is 100% owned by Virginia Mines Inc. Ressources Vantex Ltée holds a 1.5% NSR on the Black Dog project.

6.2 Previous Work

The first geological reconnaissance work in the Eastmain River area was undertaken by the Geological Survey of Canada (Low, 1897). The first mineral exploration programs in this area took place in 1935 and 1936 and were done by Dome Mines Ltd (McCrea, 1936), which conducted geological reconnaissance and prospecting work. A few trenches and drill holes were completed at the time on two gold showings (Dome A and K) along the shores of the Eastmain River. Shaw (1942) was among the first to take an interest in the geology of the Eastmain River greenstone belt. Eade (1966) conducted systematic regional mapping at a scale of 1:1,000,000. Another geological survey was completed by the *Ministère des Richesses naturelles du Québec* in the early 1960s (Eakins *et al.*, 1968), covering all of map sheet 33B/04, the west part of map sheet 33B/03, and the

east part of map sheet 33C/01. Franconi (1978) mapped the Lower Eastmain volcano-sedimentary belt at a scale of 1:100,000. This last work covers the Opinaca property.

In 1971, Hudson Bay Mining and Smelting did some work in the area north of the Opinaca property. Only one hole was drilled on the south shores of the Kapeykuch Lake (Lac Delta) into a graphitic argillite.

In the 1970s and up to 1981, the *Société de développement de la Baie-James* (SDBJ) had a mandate to develop the mineral potential of the James Bay region (Vallières, 1988). The Government gave the SDBJ the exclusive right to hold mining titles in this territory in order to ensure better coordination of exploration work prior to the flooding of hydroelectric reservoirs. A regional lake-bottom sediment survey was conducted by the SDBJ in the mid-1970s. In the mid-1980s, the Government of Québec suspended the SDBJ's monopoly on exploration and the land once again became accessible to prospectors and private companies.

The region has been mapped by various regional mapping surveys conducted by the *Ministère des Ressources naturelles du Québec* (MRNQ). The most recent mapping survey was undertaken in 1999 by Moukhsil (2000).

After land access was opened up in the James Bay territory, Westmin Resources Inc. conducted fieldwork on one of their properties in 1984 and 1986, which included the eastern part of the current Opinaca claims (Robinson, 1985; Nicholls, 1986). Work consisted of limited prospecting, soil geochemistry, local ground geophysical surveys and four boreholes. Most of this work was done to the east of the Opinaca property. This work resulted in the discovery of two zinc showings (1.25% and 1.7% Zn).

In 1988, Eastmain Ressources completed an electromagnetic ground survey, a geochemical survey and five (5) drillholes on the Black Dog property. The best intersection returned 15.2 g/t Au over 0.60 m in borehole LH-88-01.

Following Westmin, Minerais Chabela Inc. carried out work in the Kapeykuch Lake (Lac Delta) area and on the south shores of the Opinaca reservoir. Work consisted of mapping, ground geophysics and diamond drilling. No significant results were obtained.

Virginia Gold Mines Inc. conducted reconnaissance work in September 1996 on the Opinaca property. The company discovered two gold showings, the Contact Zone and Lac Renard occurrences, grading respectively up to 14.54 g/t Au and 3.81 g/t Au in grab samples. A third showing named Acotago East graded 9260 and 1150 ppm Zn (Barrette, 1996).

An induced polarization survey was conducted during the winter of 1997 by Géosig Inc. (Vachon and Granger, 1997). This survey covered the area of the Contact, Chino and part of the Chino East showing areas. Over thirty anomalies were detected. In addition to the IP survey, a ground

magnetic survey covered the entire Acotago grid network located in the central part of Virginia's property.

Between July and September 1997, IOS Services Geoscientifiques Inc. carried out geological mapping, trenching and geochemical soil surveys. Sampling yielded to significant results on Contact Zone (5.25 g/t Au / 1 m and 43.75 g/t Au in grab), Chino Zone (4.41 g/t Au / 4.0 m), Chino East (6.75 g/t Au in grab within sulphide-rich BIF) and Chino Ouest (2,6% Zn) (Barrette, 1998).

During the summer 1998, Services Techniques Geonordic Inc. undertook follow-up work to better understand the geological context of the numerous showings previously discovered on the property by IOS. Additional geological mapping and prospecting, channel sampling, stripping and till sampling were undertaken. Over a period of 35 days the property was mapped in order to understand the environment of mineralization within a regional context. During this period, 330 rock samples were taken and analysed. In addition, 28 till samples were collected from the property and analysed for gold (Bambic and *al.*, 1998). Best results included 1.1 g/t Au over 8.0 m and 2.13 g/t Au / 4.0 m (Contact Zone) and 7.94 g/t Au over 4.0 m (Chino Zone). In addition, Real Daigneault, Professor of structural geology at the University of Quebec in Chicoutimi, spent 4 days on the property to collect structural data. His observations confirmed the presence of numerous deformation zones trending approximately 070° which host gold-bearing quartz veins and/or quartz vein stockwork.

In 1999 Virginia Gold Mines undertook its last field campaign of that time. The main objective was to evaluate priority targets outlined by the 1998 exploration program. Forty-five rock samples were collected and analysed for gold and other elements. A preliminary evaluation of the mineralization revealed that it was not economically viable at the time, and that only the Chino zone had significant gold values. Mechanical stripping of the Chino zone would be necessary in order to properly map the mineralization (Bambic, 2000).

Ressources d'Arianne Inc. acquired the property in 2004. During July and September 2005, they prospected and undertook trenching in the Contact zone area. 84 rock samples were collected which yielded gold values up to 567 g/t Au from a grab sample.

During 2006, D'Arianne conducted further exploration work on the Opinaca project including two drilling campaigns totaling 9042 metres, prospecting, mechanical stripping and humus geochemical sampling (Boulianne, 2007). Most of this work was done in the Contact and Chino zone areas. Drilling discovered the Isabelle and Bull zones, which included boreholes OPI-06-34 (31.44 g/t Au / 2.6 m) and OPI-06-37 (1.52 g/t Au / 13.6 m). Boreholes OPI-06-16 intersected 4.73 g/t Au / 3.1 m in the Contact zone and OPI-06-43 cut 3.30 g/t Au / 6.75 m in the Chino zone. A new showing, the Aïeul (37.43 g/t Au), was discovered by prospecting. Mechanical stripping was also done on the Contact and Chino zones as well as on the Chino East and Aïeul showings.

In 2007 and 2008, Ressources d'Arianne Inc. completed two drilling campaigns of 3124.6 m and 2976 m respectively. Drilling was done on the Contact, Isabelle, Bull and Chino zones, as well as

on the Aïeul showing. Significant gold intercepts include 14.58 g/t Au / 5.4 m, incl. 28.24 g/t Au / 2.75 m in borehole OPI-08-10 on the Chino zone. Prospecting was also done during the summers of 2007 and 2009 and resulted in the discovery of the Hippie showing, which graded 28.3 g/t Au in a grab sample (Vigneau and Boulianne, 2010).

The last fieldwork by Ressources d'Arianne Inc. before optioning the property to Virginia Mines Inc. was done in the summer 2010. Eight days were spent in the field prospecting the volcanic-sedimentary contact east of the Chino East showing. The Hippie showing area was also prospected. In all, 90 rock samples were collected but no significant gold values were returned. The best value of 1.06 g/t Au was returned from a sample of a quartz vein within the Hippie area (Vigneau and Boulianne, 2011).

Field work carried out by Virginia during the summer of 2011 included outcrop, boulder and till sampling. 525 rock samples and 53 till samples were collected during the exploration campaign. Prospecting in mafic lava of the Anatacau-Pivert Formation resulted in the discovery of three new gold showings with grab sample values of 3.53, 1.37 and 1.17 g/t Au from minor shears and quartz veins. Limited follow-up work was conducted in the area surrounding the two first showings, but no new gold showings were found. The third showing (1.17 g/t Au) was sampled during follow-up of the large quartz vein (1.5 m) which occurs parallel to the main schistosity (070°). The extensive quartz veining observed in the basalts also suggests that important hydrothermal activity took place in the area.

Field work carried out by Virginia during the summer of 2012 included outcrop, boulder and till sampling. Two samples collected from minor quartz veins in basalt returned 3.41 and 0.27 g/t Au, while another grab sample from rusty basalt graded 0.48 g/t Au, 939 ppm Cu, 9630 ppm Pb and 6160 ppm Zn (Chartrand, 2013).

ITEM 7: GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology

The Opinaca-Black Dog project is located in the James Bay region within the central Superior Province. Four geological subprovinces comprise the Superior Province in this region. These are, from north to south, the La Grande, Opinaca, Nemiscau, and Opatica subprovinces. These subprovinces are essentially composed of volcanic, plutonic, and sedimentary rocks that were subsequently intruded by post- or late-tectonic granitic intrusions. The Opinaca-Black Dog property is underlain by rocks of the Archean La Grande subprovince (Figure 3 and Figure 4).

The La Grande subprovince is primarily composed of volcanic and plutonic rocks (Card and Ciesieski, 1986). It wraps around the Opinaca subprovince to the west, forming a large crescent. The La Grande subprovince, for the most part, is separated from the Opinaca by intrusive contacts. However, contacts with the Nemiscau and Opatica subprovinces are transitional, grading from

dominantly volcano-sedimentary rocks to paragneiss. No ductile faults are reported along the contact zone. The La Grande subprovince is composed of approximately 85% syn- to late-tectonic plutonic rocks and two greenstone belts, the La Grande greenstone belt (LGGSB), and the Middle and Lower Eastmain greenstone belt (MLEGSB). The Opinaca-Black Dog property occurs in the western part of the Lower Eastmain greenstone belt (Figures 3 and 4).

The MLEGSB extends along an east-west axis for about 300 km and is 10 to 70 km wide. It is bounded to the south by a major unconformity and is composed of volcanic and sedimentary rocks that formed in an oceanic setting with mid-oceanic ridges, oceanic plateaus and volcanic arcs. These rocks were intruded by calc-alkaline rocks ranging in composition from gabbro to monzogranite. The MLEGSB is characterized by volcanic rocks of the Eastmain Group, which is subdivided into 4 volcanic cycles and 5 formations (Boily and Moukhsil, 2003).

The Kauputauch Formation forms the first volcanic cycle (2752-2739 Ma) and is composed of massive to pillowed flows of tholeiitic metabasalts and andesitic basalts, and felsic flows overlain by a sequence of felsic to mafic tuffs.

The second volcanic cycle (2739-2720 Ma) is composed of the Natel Formation. It is composed of komatiites, komatiitic basalts, and massive to pillowed tholeiitic basalts and andesites.

The Anatacau-Pivert Formation, occurring in the study area, forms the third volcanic cycle (2720-2705 Ma) and is composed of pillowed to massive metabasalts, garnet-rich amphibolitized andesites interlayed with rhyolites and lapilli tuff and tuff breccia. The entire assemblage is overlain by sedimentary rocks (siltslates, mudslates, and conglomerates).

The Komo and Kasak formations, which represent the fourth and last volcanic cycle (<2705 Ma), mainly consist of massive or pillowed basalts, komatiitic basalts and minor andesites. These rocks are amphibolitized and have a tholeiitic affinity. Minor units of felsic ash tuff are intercalated in this formation. Calc-alkaline felsic lapilli tuffs also alternate with minor amounts of mafic tuff (Mouksil and Doucet, 1999).

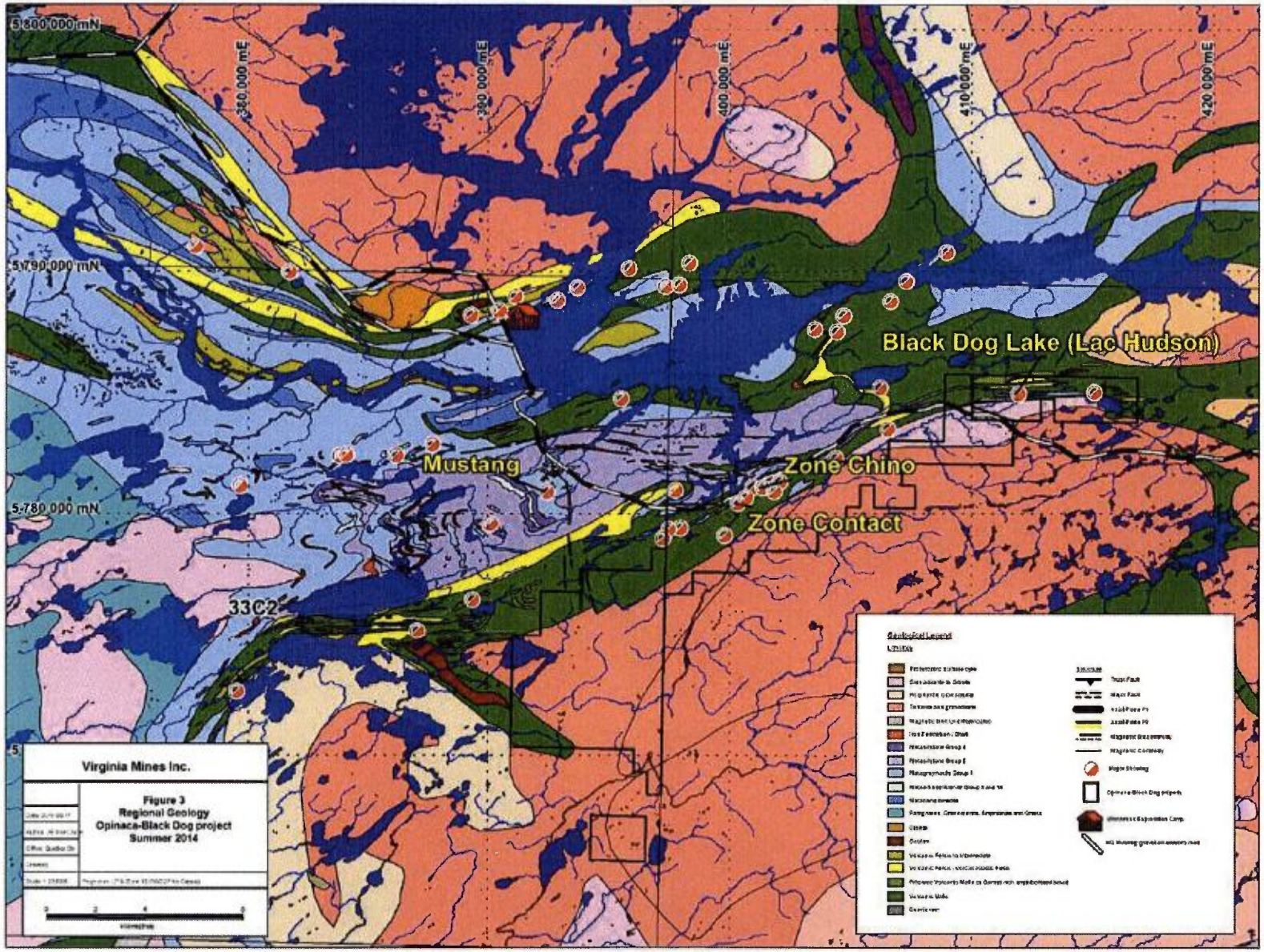


Figure 3: Regional geology of the Wabamisk-Anatacau-Assini-Opinaca-Black Dog properties area, modified from SIGEOM database geology. James Bay, Quebec. Utm Nad27, Zone 18.

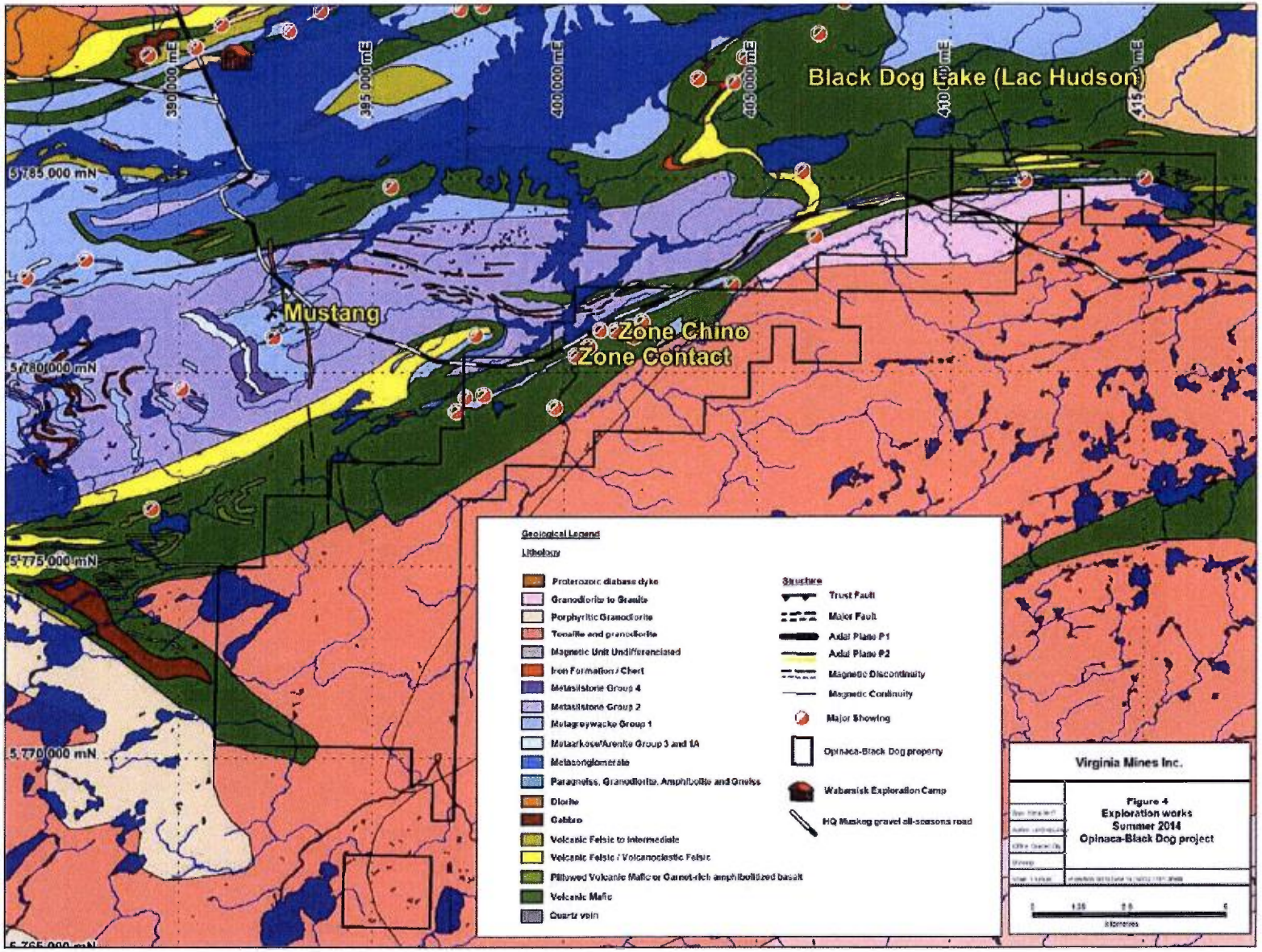


Figure 4: Local geology of the Opinaca-Black Dog property area, modified from SIGEOM database geology. James Bay, Quebec. Utm Nad27, Zone 18.

Two periods of sedimentation occurred after these volcanic cycles and were accompanied by various episodes of plutonic activity. The Wabamisk Formation (>2705 Ma), occurring at the base, is composed of volcaniclastic layers composed of andesitic lapilli tuff and beds of crystal tuff, polygenic blocky tuff, mafic to felsic blocky tuff, ash tuff and crystal tuff. This formation is capped by a unit of polygenic conglomerate dominated by tonalitic pebbles and another unit of polygenic to monogenic conglomerate with diorite and granodiorite pebbles, interbedded with sandstone, tuff and iron formation. The metasedimentary Auclair Formation (<2648 ±50 Ma), comprising wackes, polygenic conglomerates, and oxide-, silicate-, and sulphide-facies iron formations, was formed during the second period of sedimentation. It is interpreted as the weakly metamorphosed equivalent of metatexites of the Laguiche basin in the Opinaca subprovince.

Tonalitic to granodioritic plutons are grouped into three categories, synvolcanic, syntectonic, and post- to late-tectonic plutonism. Gabbro dykes crosscut all of the above.

Previous work conducted in the MLEGSB has documented three phases of deformation. The first (D1) is characterized by an E-W-trending schistosity, ranging in age from 2710 to 2697 Ma. The second phase of deformation (D2) is marked by a NE-SW-trending schistosity which is broadly N-S in many locations. The age of D2 is estimated to lie between 2668 and 2706 Ma. The third phase of deformation (D3) affects syn- to post-tectonic intrusions is less penetrative and thus not as obvious on a regional scale. It is mostly visible in metasedimentary rocks in the form of a WNW-ESE to NW-SE-trending schistosity. This last deformation event is dated at <2688 Ma, which corresponds to the age of metamorphism.

The regional metamorphic grade of the volcanic and sedimentary rocks of the Opinaca property is generally the upper amphibolite facies although the greenschist facies occurs locally.

7.2 Local and Property Geology

Mapping conducted from 1996 to 2011 confirm that two main rock packages occur on the property. These are, from south to north, (1) the Mistumis batholith and (2) mafic and felsic volcanics and sedimentary rocks of the Anatacau-Pivert Formation (Figures 5 and 6, in pocket).

The core and rim of the Mistumis tonalitic intrusive was prospected and locally mapped. A few outcrops of mafic lava were observed less than 100 metres from the edge of the intrusive.

In the Anatacau-Pivert Formation, mapping and trenching traced out abundant mafic lava and gabbro with various amounts of mafic to intermediate tuff, iron formation and mudstone. Detailed mapping of trenches revealed the presence of other units such as lapilli tuff, arenite, mudrock and QFP dykes. These are all minor units compared to the mafic lava. The sedimentary package, which is in contact with the mafic lavas, is dominated by wacke, siltstone and mudrock. A thin layer of basal polygenic conglomerate is generally present at the contact with the basalts. Mafic dykes were also mapped at this important lithological contact within the Anatacau-Pivert

Formation. Many oxide-, silicate-, and sulphide-facies iron formations occur in the area. The strike of the volcanic-sedimentary contact is approximately N070° along the northern part of the property, becoming east-west over the Black-Dog area. This contact is transected by the sinistral Acotago fault, which strikes approximately N020°.

Glacial landforms including crag-and-tail and drumlins occur on the Opinaca property in association with the dominant and youngest ice flow to the southwest (N240° to N250°). The presence of an older ice flow to the northwest, whose orientation clusters at N290° and N330°, is suggested by striations preserved on southeasterly-inclined rock surface. No esker system has been observed on the Opinaca property. Except for small occurrences of glacial lacustrine sediments in the lowlands, the glacial geologic context is favorable for the application of till sampling and indicator tracing techniques.

7.3 Mineralization

Several different types of mineral occurrences are reported in the MLEGSB (Moukhsil *et al.*, 2002; Gauthier and Larocque, 1998). They may be classified according to their genetic model and age of emplacement as follows: (1) synvolcanic mineralization (2710-2752 Ma), (2) syntectonic mineralization (2697-2710 Ma) and (3) post-tectonic mineralization (~2687 Ma).

Synvolcanic occurrences represent nearly 50% of known showings in the MLEGSB; these include sulphide-facies iron formations (Fe, Cu, Au, Ag), volcanogenic occurrences (Cu, Zn, Ag, Au), and magmatic occurrences such as porphyry/mantos-type (Cu, Au, Ag, Mo) and epithermal (Au, Ag, Cu, Zn, Pb).

Syntectonic occurrences represent slightly more than 40% of known showings and include orogenic deposits (Au, As, Sb, Bi) related to D1 and D2 phases of deformation. This category also includes gold deposits associated with oxide- or silicate-facies iron formations (Au, As). Finally, rare post-tectonic occurrences of lithium- or molybdenum-enriched pegmatites occur locally.

Mineralization is widespread on the Opinaca property. Pyrite and pyrrhotite are the most common sulphide phases, followed by arsenopyrite locally occurring in significant concentrations. Chalcopyrite, bornite and galena are present in a few locations. Sulphides occur in all mapped units, whether sedimentary, volcanic, or intrusive in origin. Sulphides generally occur as disseminations and occasionally as thin mm-scale to cm-scale veins and veinlets.

In iron formation, pyrrhotite is the dominant sulphide phase (<25%) followed by pyrite. Mafic lavas generally contain more pyrite than pyrrhotite. Abundant arsenopyrite is locally observed in mafic lavas associated with quartz-tourmaline veins (Contact and Chino zones and Aïeul showing). Most gold anomalies are associated with mafic lava and tuff as well as wacke crosscut by quartz veins and veinlets. The most important gold showings discovered in the property and

surrounding area are found within shear zones injected with quartz veins (Contact and Chino zones). These occur at or adjacent to the contact zone between mafic lava and sedimentary rock.

The Contact, Isabelle, Bull, Chino and Black Dog Lake zones are the most significant accumulations of gold discovered on the property to date (Figure 4).

The Black Dog Lake mineralization occurs in a sulphide-facies banded iron formation composed mainly of thinly banded chert-sulphides (pyrrhotite-pyrite±chalcopyrite±arsenopyrite) and chlorite-amphibole-biotite-carbonates-garnet beds. This zone assayed up to 15.20 g/t Au / 0.60 m (borehole LH-88-01), 5.60 g/t Au / 1.10 m (borehole LH-88-02) and 3.00 g/t Au / 1.00 m (borehole LH-95-01). The Contact zone consists of gold-bearing quartz veins with disseminated arsenopyrite hosted in deformed intermediate to mafic tuff and basalt. This zone returned up to 43.75 g/t Au (grab), 1.1 g/t Au / 8.0 m (channel) and 4.73 g/t Au / 3.1 m (borehole OPI-06-16). The Isabelle zone, which was only seen in borehole, consists of quartz veinlets with sericite and pyrite. This zone occurs in the sedimentary rocks north of the contact with the mafic lava. It contains gold values up to 31.44 g/t Au / 2.6 m (borehole OPI-06-34). The Bull zone is hosted by sedimentary rocks crosscut by quartz-carbonate-pyrite veinlets and is present east of the Acotago fault. This zone returned up to 1.52 g/t Au / 13.6 m from borehole OPI-06-37. The Chino zone consists of a quartz-carbonate stockwork mineralized with arsenopyrite, pyrrhotite and pyrite hosted in deformed basalt and mafic tuff. This zone assayed up to 7.94 g/t Au / 4.0 m (channel) and 14.58 g/t Au / 5.4 m (borehole OPI-08-10).

The Lac Renard showing is located about 2.5 km southwest of the Contact Zone. The showing is within a quartz vein trending N085° in massive basalt. The vein is mineralized with 2-4% arsenopyrite (locally 20%) and the basalt is silicified. Gold values of 6.38 g/t Au, 3.81 g/t Au and 2.67 g/t Au were returned from grab samples.

The Aïeul showing is located 3 km WSW of the Contact Zone near the Wabamisk property. Gold mineralization was found in sedimentary rocks containing quartz veins and arsenopyrite. Quartz veins are often present at the contact between sedimentary rocks and amphibolite. Gold values returned include 37.43 g/t Au (in-situ boulder) and 8.42 g/t Au.

The Hippie showing (28.3 g/t Au) is located a quartz vein of 30 cm trending N055° which is contained in a porphyritic tonalite dyke crosscutting the basalt. Channel samples from this showing returned anomalous values of 0.93 g/t Au / 0.7 m. This showing is located approximately 1.5 km SSW of the Contact zone close to the northern rim of the Mistumis batholith.

ITEM 8: DEPOSIT TYPES

The main deposit type targeted by the exploration program is orogenic lode gold. Although these deposits can occur in any lithology, particular attention is paid to sedimentary rocks given that both the Éléonore deposit and the Wabamisk (Mustang vein) and Isabelle zones occur in greywacke. The primary exploration focus is fault zones and these are targeted using lineament analysis on regional magnetic surveys, topographic maps and satellite images. Other targets include bends in regional foliation, lithological contacts, borders of intrusions, metamorphic gradients and contacts between subprovinces.

Cu-Au porphyry deposits are another type of deposit being sought on the Opinaca property. Several Cu-Au±Ag veins have been identified in the northern and central portions of the adjacent Wabamisk property, which are spatially related to feldspar porphyry dykes and or intrusions. No clear genetic relation has been established between mineralization and intrusive bodies. Exploration targeting for this type of deposit involves the identification of potassic alteration and major fault zones.

For the Black Dog zone, the Musselwhite (Ontario) and Homestake deposits (South Dakota) are another type of model use for the exploration. The gold mineralization is associated with sulphide-facies banded iron formation. The gold seems to be associated with arsenopyrite in this case.

ITEM 9: EXPLORATION

Exploration work was done by engineering geologist Jérôme Lavoie, trainee geologists Anne-Marie Beauchamp and Rose Anne Bouchard, geology students Émilie Gosselin, John Connor McComirk, Sheldon Price-McNeil and Jonathan Likengs and by technicians Paul-Émile Poirier and David De Champlain. These people were employed by Virginia Mines. The cook, Alain Piché was also employed by Virginia Mines. Helicopter support was provided by HéliExplore Inc. based in La Sarre, Quebec. The field crew stayed at the Wabamisk camp, located on the shore of the Opinaca reservoir just to the NE of the OA-11 dike and evacuator belonging to Hydro-Québec. The crew used a helicopter to access the property.

During the summer of 2014 (August 21th and 22th 2014), 15 man-days were spent on the property prospecting the Black Dog part of the property (North-East). Eighty nine (89) rock samples (Appendix 4 and Figure 6 in pocket) were taken from sixty-five (65) outcrops and one (1) boulder (Appendix 3 and Figure 5 in pocket). A total of seventy one (71) structural measurements were taken on these outcrops (Appendix 5).

9.1 Prospecting

An in-house compilation of the database has allowed us to identify four (4) geological targets for preliminary ground prospecting (red circles, Figure 7). In the next paragraph, we describe the prospecting works by targets (except target #2). All the significant values outlined from outcrops and/or boulders during 2014 campaign are listed in table 1.

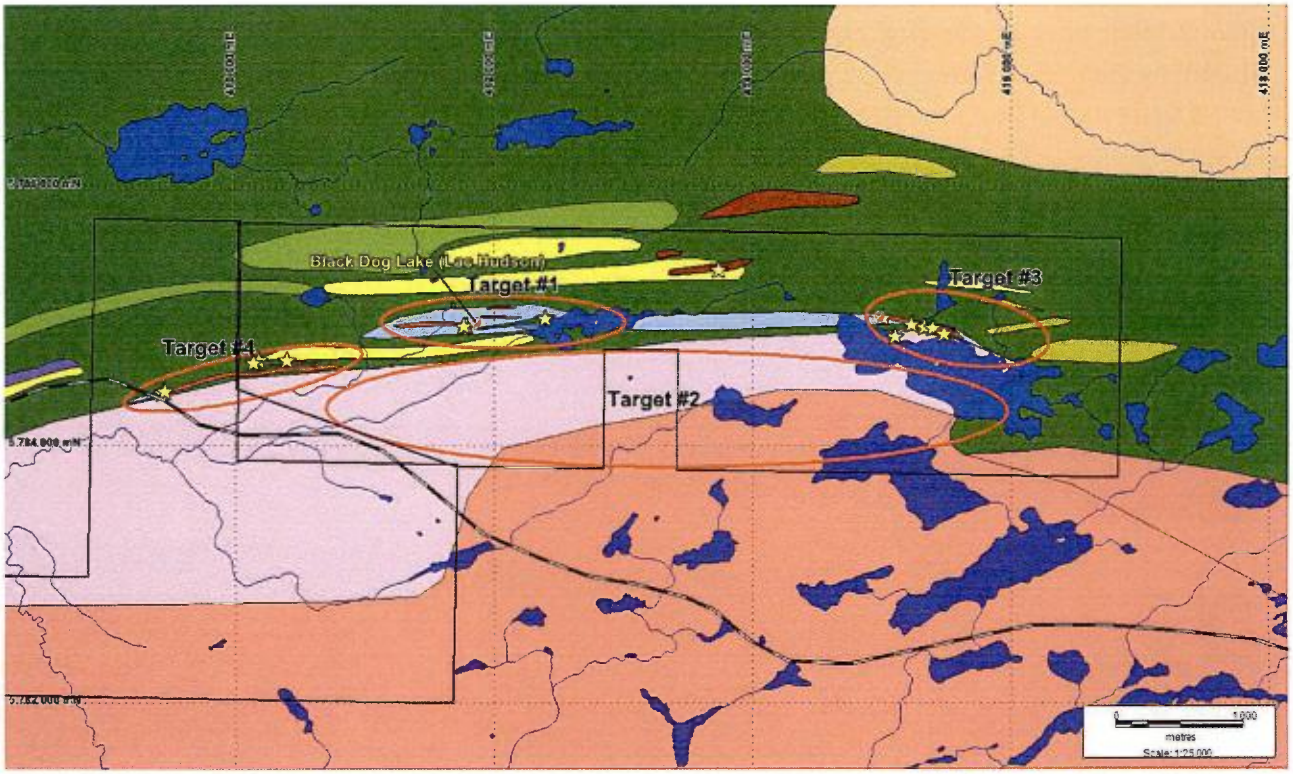


Figure 7: Geological targets location and Au-Ag-As-Co-Cu anomalous samples location (Yellow stars), Black Dog area, James Bay, Quebec. Utm Nad27, Zone 18.

TagNumber	Datum	Zone	X_UTM	Y_UTM	Occurrence	HostRock	Au ppm	Ag ppm	As ppm	Co ppm	Cu ppm	Value
376964	27	18	411782	5784932	Outcrop	S9E	**0.693**	**2.4**	**>10000**	48	71	**#376964: 0.69 ppm Au, 2.4 g/t Ag, >1% As**
378962	27	18	415475	5784871	Outcrop	S9E	**0.384**	**1.2**	13	6	50	**#378962: 0.38 ppm Au, 1.2 g/t Ag**
376952	27	18	412396	5784986	Outcrop	V3B	**0.304**	0.5	2	40	472	**#376952: 0.3 ppm Au**
378861	27	18	409453	5784427	Outcrop	S9D	**0.179**	0.4	**3660**	29	50	**#378861: 0.18 ppm Au**
364698	27	18	415225	5784946	Outcrop	S9E	0.071	**1.8**	**2030**	45	62	**#364698: 1.8 g/t Ag**
378859	27	18	409430	5784414	Outcrop	S9D	0.048	-0.2	**891**	1	6	**#378859: 891 ppm As**
376965	27	18	411764	5784931	Outcrop	S9E	0.046	**1.3**	333	14	58	**#376965: 1.3 g/t Ag**
364689	27	18	415007	5784998	Outcrop	S9E	0.024	**1.3**	-2	17	183	**#364689: 1.3 g/t Ag**
376953	27	18	412395	5784987	Outcrop	V3B	0.018	-0.2	**7330**	2	67	**#376953: 7 330 ppm As**
364700	27	18	415326	5784924	Outcrop	S9E	0.013	**2.2**	-2	15	41	**#364700: 2.2 g/t Ag**
378951	27	18	415391	5784918	Outcrop	S3	0.012	**1.8**	5	24	49	**#378951: 1.8 g/t Ag**
378873	27	18	410393	5784668	Outcrop	V1D	0.009	0.6	**1590**	1	30	**#378873: 1 590 ppm As**
378869	27	18	410178	5784664	Outcrop	V1D	0.005	-0.2	**1095**	13	52	**#378869: 1 095 ppm As**
364695	27	18	415101	5784851	Outcrop	S3	-0.005	**2.8**	17	**1340**	305	**#364695: 2.8 g/t Ag, 1340 ppm Co**
379123	27	18	413735	5785368	Outcrop	I3A	-0.005	0.3	3	15	**1470**	**#379123: 1470 ppm Cu**
378871	27	18	410140	5784647	Outcrop	V1D	-0.005	-0.2	**774**	15	17	**#378871: 774 ppm As**

Table 1: Anomalous values (Au-Ag-As-Co-Cu) from grab samples, Opinaca-Black Dog project, summer 2014, James Bay, Quebec.

9.1.1 Target #1, The Black Dog Lake showing area (Figure 8)

The principal showing of the Black Dog property is located in Target #1 (Black Dog Lake zone). The ground prospection aimed to extend the gold mineralized zone known at this time. The best gold value obtained during this field campaign come from sample **#376 964 and returned 0.69 ppm Au, 2.4 g/t Ag and >1% As.** The sample is located ±100 meters WSW of the Black Dog Lake showing and comes from a sulphide-facies banded iron formation composed of amphibole-quartz-feldspars-chlorite-graphite and contains 5% pyrite. The iron formation is injected by 2% quartz veinlet stockwerk. This sulphide-facies banded iron formation horizon is probably the same horizon that hosts the Black Dog Lake zone.

Another outcrop, located 540 meters directly to the east of the Black Dog Lake showing, returned an anomalous gold value from grab **sample #376 952 of 0.304 ppm Au**. The lithology described is the proximal altered wall rock of quartz vein injected in basalt. **The grab sample in the vein (#376 953) yielded 7330 ppm As** but without significant gold Basalts are interlayed with felsic volcanic rocks and contain 1% rusty zones parallel to principal foliation (N078°/82).

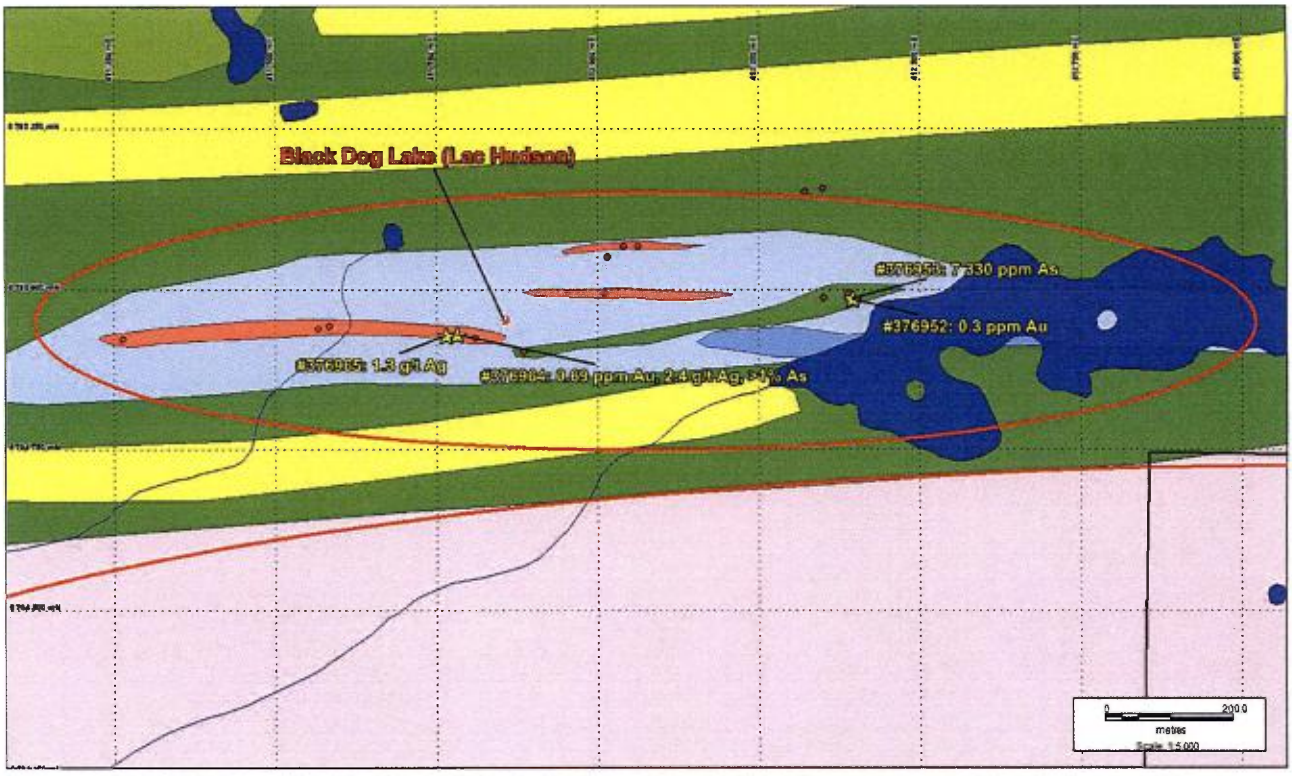


Figure 8: Grab samples in Target #1 (red rhomb) and location of anomalous values, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.

9.1.2 Target #3, Katatapiminakun Lake, 99-DF-2373 showing (Figure 9)

The 99-DF-2373 showing returned anomalous values in Ag-Cu, assaying 4.4 g/t Ag and 0.65% Cu. While the historical gold contents in grab samples from the greenstone rock in Black Dog area is often below the detection limit, the felsic and/or sedimentary units interlayed of banded iron formation (Target #3, Figures 7 and 9) are anomalous in As-Ag.

The best grab sample returned **0.38 ppm Au and 1.2 g/t Ag (#378 962).** The lithology described is a sulphide-facies banded iron formation composed of quartz-amphibole-plagioclase-graphite with 3% pyrite. This horizon seems to be continuous over 600 meters in strike with an apex of 40 meters and oriented WNW-ESE. Many grab samples was taken during 2014 summer campaign over this banded iron formation and returned Ag anomalous values.

Grab sample **#364 695**, located on the shore line north of Katatapiminakun Lake, returned **2.8 g/t Ag and 1340 ppm Co.** The mineralisation is associated with a quartz vein injected in a quartz-feldspar-amphibole-sericite meta-greywacke. Sulphides observed are 3% pyrite and 2% pyrrhotite in vein.

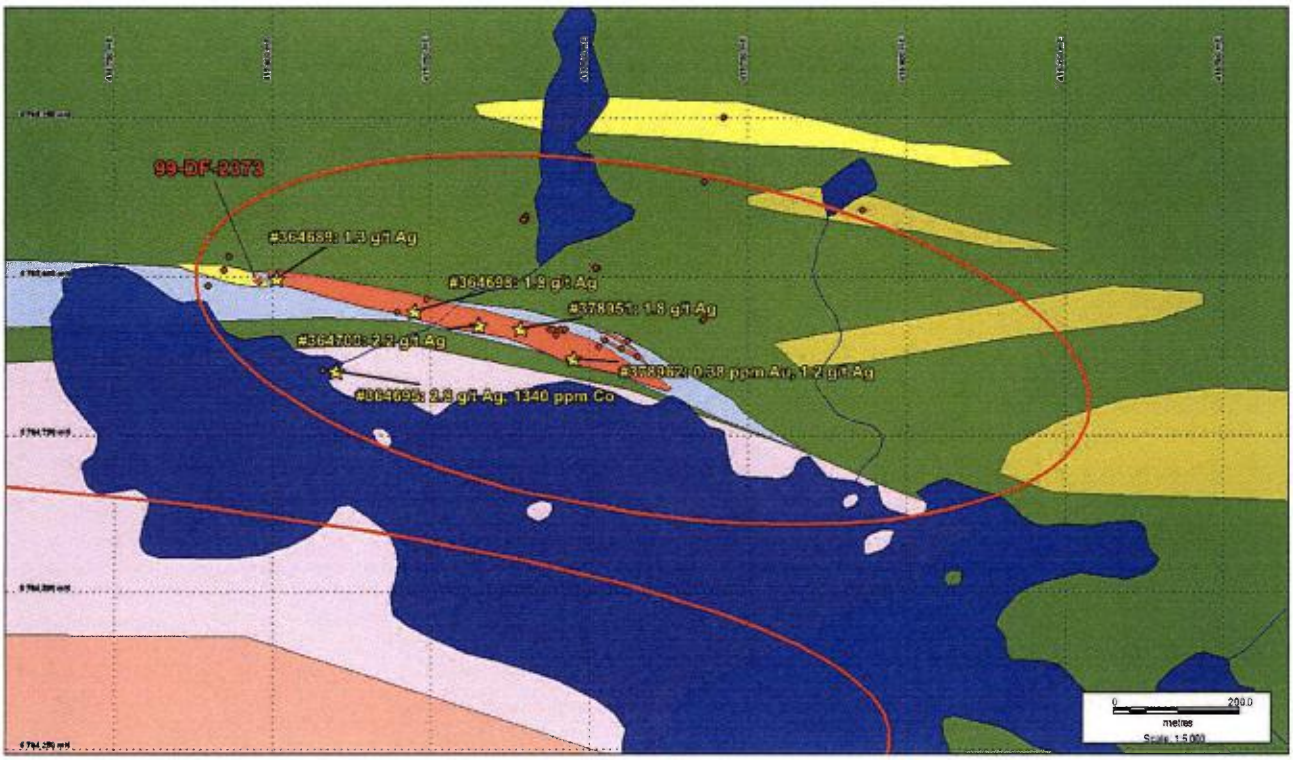


Figure 9: Grab samples in Target #3 (red rhombs) and location of anomalous values, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.

9.1.3 Target #4, Au anomalous grab #1013403 and #1013404 (Figure 10)

Two (2) horizons of banded iron formation are interpreted in target #4 and returned anomalous Au values of 0.891 ppm Au and 0.507 ppm Au. The host rock is considered to be an oxide-facies chert injected by quartz veins. This horizon at the contact between greenstone belt and *Camp de l'Indien* felsic pluton is a good target for gold mineralisation. Chartrand (2010) had proposed prospecting along the contact until Opinaca property at SW. The interpreted chert could represent the same favorable horizon than the Black Dog Lake showing.

Many 2014 grab samples returned anomalous As values up to 1590 ppm, but the best gold value is lower than historical values obtained in 2010. Sample **#378 861 returned 0.18 ppm Au**. The grab sample come from a silicate-facies banded iron formation composed of quartz-amphibole-graphite in contact with an amphibolitized basalt and/or gabbro dyke. The iron formation contents 1% arsenopyrite and 1% pyrite.

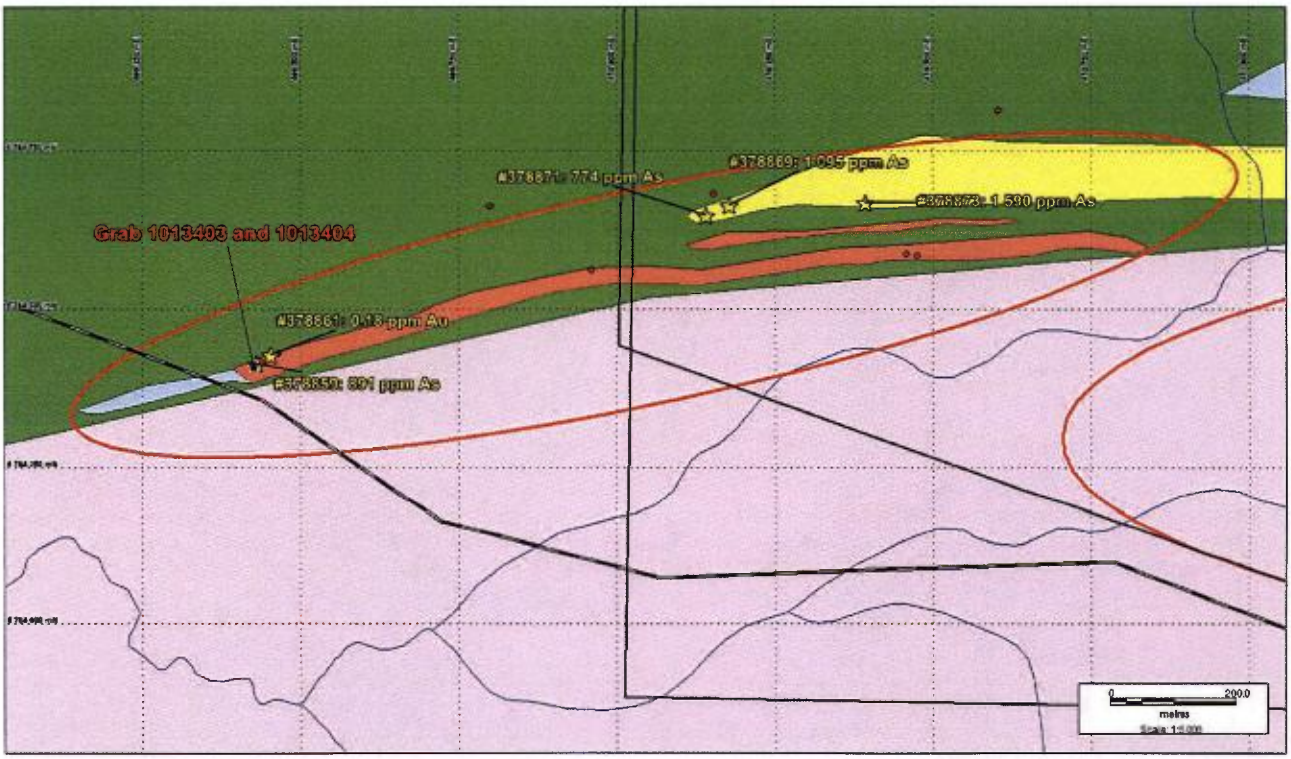


Figure 10: Grab samples in Target #4 (red rhombs) and location of anomalous values, Opinaca-Black Dog property, James Bay, Quebec. Utm Nad27, Zone 18.

9.2 Trenching and Channeling

This section is not applicable to this report.

ITEM 10: DRILLING

This section is not applicable to this report.

ITEM 11: SAMPLE PREPARATION, ANALYSES AND SECURITY

11.1 Sample security, storage and shipment

All samples were collected and processed by Virginia's employees. After sampling, they were immediately placed in plastic sample bags, tagged and recorded with their unique sample numbers. All samples were initially stored at the campsite. They were not secured in locked facilities, as this precaution was deemed unnecessary due to the remoteness of the camp. Sealed samples were then placed in shipping bags, which in turn were sealed with fibreglass tape. Shipping bags were then loaded onto a truck for transportation where Virginia personnel delivered them to the ALS Chemex sample preparation facility in Val-d'Or. Bags remained sealed until they were opened by the staff of ALS Chemex in Val-d'Or.

11.2 Sample preparation and assay procedures

After logging in, the samples were crushed in their entirety at the ALS Chemex preparation laboratory in Val-d'Or to >70% passing 2 mm (ALS Chemex Procedure CRU-31). A 200 to 250-g sub-sample was obtained after splitting the finer material (<2 mm). The split portion derived from the crushing process was pulverized using a ring mill to >85% passing 75 µm (200 mesh - ALS Chemex Procedure PUL-31). From each such pulp, a 100-g sub-sample was obtained from another splitting and shipped to the ALS Chemex laboratory for assay. The remainder of the pulp (nominally 100 to 150 g) and the rejects are held at the processing lab for future reference.

Analytical results and certificates are presented in Appendix 6.

The authors are of the opinion that sample preparation, security and analytical procedures were adequate to ensure the quality of the analytical results.

11.2.1 Gold Fire Assay AA Finish and Multi-Elements

The Au+Scan package includes quantitative detection of Au, Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W and Zn. All elements, except Au, were determined by the ME-ICP41 Procedure. Au was determined by the AA23 Procedure. For the sample with the value higher than 10 g/t Au, the analysis was repeated with the GRA21 procedure. For the sample with the value higher than 1.0% Cu or Zn, the analysis was repeated with the OG62 Procedure.

ITEM 12: DATA VERIFICATION

Because of the preliminary nature of the prospecting work, no data verification was done during the 2014 summer campaign.

12.1 Reference Material Validation

This section is not applicable to this report.

ITEM 13: MINERAL PROCESSING AND METALLURGICAL TESTING

This section is not applicable to this report.

ITEM 14: MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

This section is not applicable to this report.

ITEM 15: MINERAL RESERVE ESTIMATES

This section is not applicable to this report.

ITEM 16: MINING METHODS

This section is not applicable to this report.

ITEM 17: RECOVERY METHODS

This section is not applicable to this report.

ITEM 18: PROJECT INFRASTRUCTURE

This section is not applicable to this report.

ITEM 19: MARKET STUDIES AND CONTRACT

This section is not applicable to this report.

ITEM 20: ENVIRONMENTAL STUDIES, PERMITTING AND SOCIAL OR COMMUNITY IMPACT

This section is not applicable to this report.

ITEM 21: CAPITAL AND OPERATING COSTS

This section is not applicable to this report.

ITEM 22: ECONOMIC ANALYSIS

This section is not applicable to this report.

ITEM 23: ADJACENT PROPERTIES

The Wabamisk property, which is adjacent to the Opinaca property, consists of 1073 map-designated claims totaling 56362.54 hectares. These claims are 100% held by Virginia Mines Inc. Virginia began a reconnaissance exploration program on this property in 2005, and since then many significant gold and base metals showings in various lithological units have been discovered. These include the Isabelle showing, which was found in 2007, grading 6.48 g/t Au / 3.0 m and 4.20 g/t Au / 13.61 m in channel samples.

Follow-up sampling returned several high-grade gold values in channel samples (22.97 g/t Au over 2 m, 17.86 g/t Au over 3 m and 11.03 g/t Au over 3 m) and one bonanza grade sample assayed 316 g/t Au over 1 m. Detailed mapping of the Isabelle showing revealed the shear-hosted nature of the gold mineralization, the early timing of the gold mineralization and the identification of at least 3 phases of deformation. Drilling on the Isabelle showing yielded significant results which include 2.02 g/t Au over 7 m, 2.75 g/t Au over 10 m and 37.46 g/t Au over 5 m (Poitras, 2011).

In 2012 prospecting and mechanical stripping on the Wabamisk grid in the NE part of the property exposed a new, very interesting gold system (Chartrand et al, 2013). This system is characterized mainly by a field of quartz veins with visible gold in a sequence of folded metawackes. The gold system consists of many generations of veins with variable degrees of deformation emplaced within the folded metasedimentary rocks. The centimetre- to metre-scale

quartz veins are locally accompanied by an envelope of alteration (silica-feldspar) several metres thick which gives the rock a cherty aspect.

These alteration zones are particularly well developed in the core of the system and are associated with some of the better gold values. For example, four channels cut across the mineralized zone in WB2012TR011, which later became known as the Mustang vein, returned values of 9.66 g/t Au over 4 metres, 3.3 g/t Au over 3.5 metres, 1.99 g/t Au over 1 metre and 18.35 g/t Au over 1 metre. In trench WB2012TR004, located immediately north of WB2012TR011, results included 3.45 g/t Au over 6.95 metres, 2.47 g/t Au over 6.8 metres and 3.09 g/t Au over 1.3 metres. A few hundreds of metres further east, the vein system also returned encouraging results including 5.47 g/t Au over 4 metres in trench WB2012TR-031 and 4.99 g/t Au over 3 metres in trench WB2012TR-015.

During the late summer, Virginia focused mechanical stripping, geological mapping and channel sampling on the Mustang gold-bearing quartz vein. The vein was uncovered to the SW almost continuously and its lateral extension is now confirmed over 425 metres. It remains entirely open under the overburden at both ends. As seen at surface, the Mustang vein and its alteration envelope (silica-actinolite-sericite-biotite) form a slightly sigmoidal structure up to several metres in thickness. The vein is oriented WSW-ENE with a steep dip (75°- 80°) to the north. Many gold grains were found in several locations all along the Mustang vein. Although sulphides are not generally abundant in the vein, the alteration envelope contains up to 5% disseminated arsenopyrite and a few gold grains locally.

The Mustang vein was systematically channel sampled along regularly-spaced lines. The results obtained are thus variable because of the free nature of gold in the Mustang vein. The best result was 23.28 uncut (11.14 cut) g/t Au over 4.6 metres in channel R6 of trench WB2012TR045-049. Several other channels also yielded encouraging results with 18.15 g/t Au over 1.7 metres (R5-WB2012TR011), 8.47 g/t Au over 2.4 metres (R12-WB2012TR011), 4.46 g/t Au over 2.7 metres (R7-WB2012TR011), 3.71 g/t Au over 3 metres (R8-WB2012TR011), 10.15 g/t Au over 0.85 metres (R2-WB2012TR081), 3.6 g/t Au over 5 metres (R13-WB2012TR081), 7.65 g/t Au over 1.7 metres (R15-WB2012TR081) and 3.29 g/t Au over 2 metres (R16-WB2012TR081).

Mapping and prospecting carried out outside the Main Stripped zone also led to the discovery of other interesting gold showings in several locations on the Wabamisk grid. Most of these showings consist of centimetre- to decimeter-scale quartz veins locally containing visible gold and hosted within variably silicified and chloritized metawackes with traces of sulphides (arsenopyrite and pyrrhotite). Grab samples collected to characterize these new showings returned values varying between 1.6 and 27.6 g/t Au while channel samples yielded results ranging from low values to values of up to 6.73 g/t Au over 2 metres.

In February of 2013 a diamond drill program was undertaken to discover gold-bearing structures at depth. Three main areas were drilled: (1) the Mustang vein, (2) the Sandpit and east Sandpit,

and (3) the Power Line east of the Main Stripped zone. In all, 29 boreholes were drilled for a total of 4472 metres. Gold mineralization was cut in almost all boreholes and the Mustang and other gold-bearing veins were successfully intersected at depth. The most significant intersections from the Mustang vein include 3.66 g/t Au over 1.5 m (WB-13-002), 22.65 g/t Au over 2.25 m (WB-13-005) and 3.93 g/t Au over 2.8 m (WB-13-005). Other significant intersections from the Main Stripped zone include 3.99 g/t Au over 1.1 m (WB-13-005), 1.98 g/t Au over 13.4 m, including 4.14 g/t Au over 4.0 m, (WB-13-015), 5.66 g/t Au over 1.0 m (WB-13-018) and 6.06 g/t Au over 3.2 m and 18.05 over 0.8 m (WB-13-025). There were no significant intersections over 0.5 g/t Au from the three boreholes drilled near the power line to the east of the Main Stripped zone.

The summer 2013 campaign was successful in discovering several new gold showings and extensions of gold mineralization discovered by earlier Virginia programs. The most significant new result was the discovery late in the summer of a gold-bearing corridor approximately 8 km to the WNW of the Mustang vein. This corridor, in which the gold showings appear to occur in two clusters at either end, is almost 3 km long along an E-W direction. The gold occurs in quartz veins, quartz veinlets and to some extent the enclosing altered greywacke wall rock. For the most part, the host rocks consist of fresh fine to medium grained greywacke which becomes variably silicified, sericitized and chloritized as the veins are approached. Actinolite and tourmaline are also present. The altered greywacke is also sulfidized, and disseminated pyrite, pyrrhotite and arsenopyrite form up to 7.5% of the rock. Native gold occurs as fine to medium grains in the quartz vein and adjacent wall rock. Locally, several dozen gold grains may be observed in hand sample, and grab samples returned values of up to 278 g/t Au (364347). Channel samples, however, returned more modest values up to 5.67 g/t Au (364510) over 1.0 m.

The Anatacau property is adjacent to the west of the Opinaca property. This property consists of 207 map-designated claims, totaling 10 952.03 hectares (109.52 km^2), are 100% held by IAMGOLD-Québec Management Inc. Under an agreement with Virginia Mines Inc., the latter may earn 100% interest in the property by investing 3 million dollars in exploration before the end of 2015. IAMGOLD retains a 2% NSR royalty, half of which (1%) may be bought back by Virginia. In 2007, Virginia continued geological reconnaissance work undertaken by IAMGOLD (Cambior). This work led to the discovery of the Franto showing, which graded 8.23 g/t Au and 4.82 g/t Au / 4.0 m in channel samples.

In the spring of 2008, four boreholes totaling 670.6 metres tested the Franto showing and the extensions of the Isabelle showing on the Anatacau property. On the Franto grid, mineralization and alteration patterns observed in drill core are similar to those observed on surface at the showing, demonstrating that the mineralized system is still present. Gold assay results are relatively low however (Cayer and Oswald, 2009).

Most of the rocks encountered on the Wabamisk grid of the Anatacau property consist of greywacke with subordinate siltstone and, rarely, arenite (Vachon and Ouellette, 2012; Chartrand

and Beauchamp, 2013). Gabbroic sills several tens of metres thick are intercalated with the sedimentary rocks. The dominant schistosity and most of the bedding measurements are oriented NE-SW; however the bedding envelope as defined by broad scale changes in lithology and the pattern exhibited on the magnetic susceptibility map is oriented broadly NW-SE.

Eastmain Resources Inc. has a property to the north and northeast of the Opinaca claims that contains the historic Bear Island and Reservoir deposit. The Bear Island showing contains gold (up to 86 g/t Au) in biotite schist contained in an ENE-WSW trending fault zone. The host rock is felsic tuffs with strong actinolite and biotite alteration (Gauthier and Larocque, 1998). The Reservoir deposit copper-gold mineralization is associated with strong biotite and actinolite alteration and minor carbonate alteration in basalts and porphyry dykes. Biotite schists are also observed in fault zones (Gauthier and Larocque, 1998). This deposit contains up to 300 000 oz Au and 13.6 kt Cu (inferred resources).

ITEM 24: OTHER RELEVANT DATA AND INFORMATION

This section is not applicable to this report.

ITEM 25: INTERPRETATION AND CONCLUSIONS

No new gold-bearing zones were discovered during 2014 prospecting summer campaign. The best grab sample, from a sulphide-facies banded iron formation, returned **0.69 g/t Au, 2.4 g/t Ag and >1% As**. Other Au-Ag-As-Co-Cu anomalies were discovered but are of lesser importance.

The gold potential of the Black Dog area has been tested many times since 1970s. The Black Dog Lake showing represents the best intersection in drillhole with a historical value of 15.20 g/t Au over 0.60 meters. However, the potential is there to discover other gold zones. The author suggests a rigorous prospecting program combining field work on Opinaca and Black Dog property (high definition magnetic survey, geochemistry survey, prospecting and drilling campaign) during the winter and summer of 2015.

It is already obvious that the Middle-Lower Eastmain Greenstone Belt (MLEGSB) in this area hosts a fertile Au system associated with turbiditic sedimentary rocks (the Mustang vein). The potential to find economic gold mineralization in the area remains excellent since it has only been locally explored by advanced work and many targets including several IP conductors remain untested at this time.

ITEM 26: RECOMMENDATIONS

26.1 High definition magnetic survey 3D inversion

During the first stage of an exploration program, a high definition survey should be undertaken over the Opinaca-Black Dog property. This survey would help to define the favorable horizon and refine the structural comprehension of magnetic continuities and discontinuities (major structures, folding zones in banded iron formation, etc.) and facilitate the geological interpretation of the property. The survey could be undertaken during 2015 winter drilling program on Wabamisk project from Wabamisk camp.

26.2 Till Survey

In his 2007 report O'Dowd states that the Black Dog Lake showing corresponds to the best B-horizon soil anomaly on the property. The author suggests that a till survey (15 kg + 1 kg) be completed over the Black Dog area (sample spacing of 250 meters along lines spaced at 500 meter intervals).

26.3 Systematic Prospecting and Trenching Survey

The author recommends that an all-encompassing rigorous ground prospecting campaign over the Black Dog area rather than local and sporadic prospecting. A mechanical trenching program is also proposed on the principal auriferous zones. This could be done as part of a stripping program on the adjacent Wabamisk-Anatacau property.

26.4 Drilling

Chartrand (2013) proposed a drilling program to follow-up the Bull, Chino and Contact zones. Drillholes would be located NE of Chino and Contact zones along the magnetic lineament which possibly represents the felsic unit hosting the mineralization (metasedimentary and/or volcanic felsic rock and/or sulphide- to oxide-facies banded iron formation). Figure 11 shows the trace of an interpretation of this favorable unit over Black Dog area (black bold dashed line, Figure 11). The favorable horizon would extend over 20 kilometers. Some drillholes would be planned along this interpreted horizon to test this hypothesis.

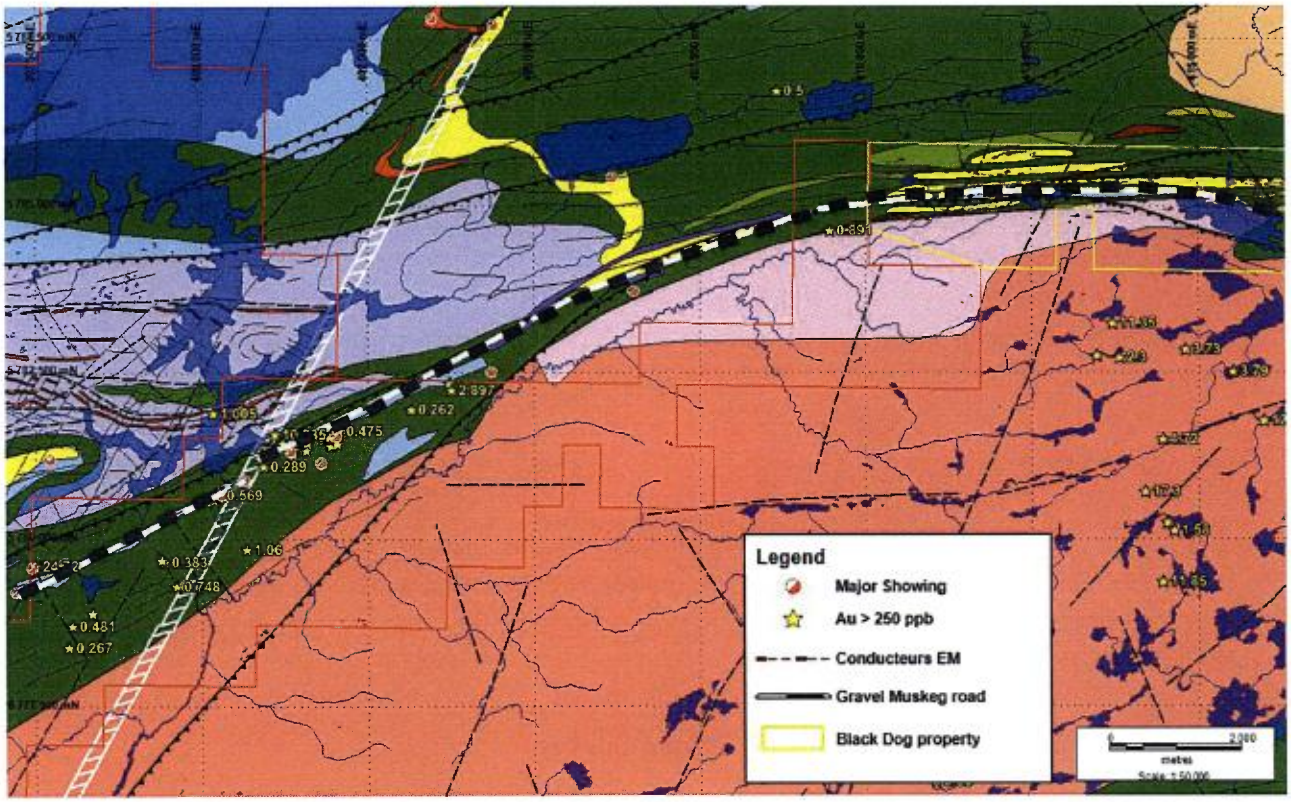


Figure 11 : Interpretation of favorable gold mineralized horizon over Opinaca-Black Dog property (Black bold dash line). The Acotago fault is represented by the hatched white line oriented NNE-SSW.

ITEM 27: REFERENCES

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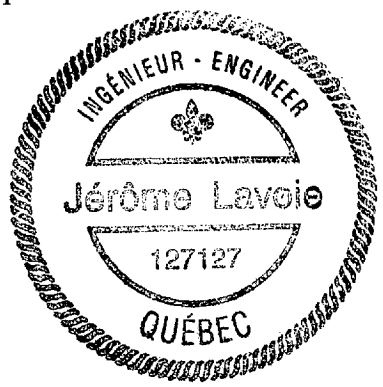
CERTIFICATE OF QUALIFICATIONS

I, *Jérôme Lavoie*, resident at 1304 Richard-Turner, Québec, Qc, G1W 3N2, do hereby certify that:

- I am presently employed as a Project Geologist with Virginia Mines inc., 300 rue St-Paul, Suite 200, Québec, QC, G1K 7R1.
- I have received a B.Sc. in Engineering Geology in 2000 from the *Université du Québec à Chicoutimi* (U.Q.A.C.) and a M. Sc. A. in Economic Geology in 2008 from *Université du Québec à Chicoutimi* (U.Q.A.C.).
- I have been working as a geologist in mineral exploration since 2004.
- I am a professional geologist presently registered to the board of the *Ordre des Ingénieurs du Québec*, permit number #127 127.
- I am a qualified person with respect to the Black Dog project in accordance with section 5.1 of the national instrument 43-101.
- I have been involved with the Black Dog project since the summer of 2014.
- I authored the present technical report, utilizing proprietary exploration data generated by Mines Virginia Inc. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or changes, which would have caused the present report to be misleading.
- I do not fulfil the requirements set out in section 5.3 of the National Instrument 43-101 for an «independent qualified person» relative to the issuer being a direct employee of Mines Virginia Inc.
- I have read and used the National Instrument 43-101 and the Form 43-101F1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 23th day of September 2014.

"Jérôme Lavoie"



Jérôme Lavoie, Eng., M.Sc. A.

Appendix 1: Claims listing table

APPENDIX 1 - Claims list Opinaca and Black Dog Projects

Projet	CDC	SNRC	Rangee	Colonne	Superficie HA
Opinaca	2024619	33 C/01	17	1	52.88
Opinaca	2024620	33 C/01	17	2	52.88
Opinaca	2024621	33 C/01	18	1	52.87
Opinaca	2024622	33 C/01	18	2	52.87
Opinaca	2024623	33 C/01	18	3	52.87
Opinaca	2024624	33 C/01	18	4	52.87
Opinaca	2024625	33 C/01	18	5	52.87
Opinaca	2024626	33 C/01	18	6	52.87
Opinaca	36729	33 C/01	19	1	52.86
Opinaca	36730	33 C/01	19	2	52.86
Opinaca	36731	33 C/01	19	3	52.86
Opinaca	2002706	33 C/01	19	4	52.86
Opinaca	2002707	33 C/01	19	5	52.86
Opinaca	2002708	33 C/01	19	6	52.86
Opinaca	2005478	33 C/01	19	7	52.86
Opinaca	2005479	33 C/01	19	8	52.86
Opinaca	2005480	33 C/01	19	9	52.86
Opinaca	2005481	33 C/01	19	10	52.86
Opinaca	2005482	33 C/01	19	11	52.86
Opinaca	36720	33 C/01	20	1	52.85
Opinaca	36721	33 C/01	20	2	52.85
Opinaca	36722	33 C/01	20	3	52.85
Opinaca	36723	33 C/01	20	4	52.85
Opinaca	36724	33 C/01	20	5	52.85
Opinaca	36725	33 C/01	20	6	52.85
Opinaca	36726	33 C/01	20	7	52.85
Opinaca	36727	33 C/01	20	8	52.85
Opinaca	36728	33 C/01	20	9	52.85
Opinaca	2005483	33 C/01	20	10	52.85
Opinaca	2005484	33 C/01	20	11	52.85
Opinaca	2005485	33 C/01	20	12	52.85
Opinaca	2005486	33 C/01	20	13	52.85
Opinaca	36718	33 C/01	21	5	52.84
Opinaca	36719	33 C/01	21	6	52.84
Opinaca	1121950	33 C/01	21	7	52.84
Opinaca	1121951	33 C/01	21	8	52.84
Opinaca	36732	33 C/01	21	9	52.84
Opinaca	2005487	33 C/01	21	10	52.84
Opinaca	2005488	33 C/01	21	11	52.84
Opinaca	2005489	33 C/01	21	12	52.84
Opinaca	2005490	33 C/01	21	13	52.84
Opinaca	2005491	33 C/01	21	14	52.84
Opinaca	2014249	33 C/01	21	16	52.84
Opinaca	2014250	33 C/01	21	17	52.84
Opinaca	2014253	33 C/01	21	18	52.83
Opinaca	2002709	33 C/01	22	6	52.83

APPENDIX 1 - Claims list Opinaca and Black Dog Projects

Projet	CDC	SNRC	Rangee	Colonne	Superficie HA
Opinaca	36717	33 C/01	22	7	52.83
Opinaca	1121956	33 C/01	22	8	52.83
Opinaca	36734	33 C/01	22	9	52.83
Opinaca	2005492	33 C/01	22	10	52.83
Opinaca	2005493	33 C/01	22	11	52.83
Opinaca	2005494	33 C/01	22	12	52.83
Opinaca	2005495	33 C/01	22	13	52.83
Opinaca	2005496	33 C/01	22	14	52.83
Opinaca	2005497	33 C/01	22	15	52.83
Opinaca	2014251	33 C/01	22	16	52.83
Opinaca	2014252	33 C/01	22	17	52.83
Opinaca	2005498	33 C/01	23	17	52.82
Opinaca	2005501	33 C/01	23	18	52.82
Opinaca	2005499	33 C/01	23	19	52.82
Opinaca	2005500	33 C/01	23	20	52.82
Opinaca	2005503	33 C/01	23	21	52.81
Opinaca	2005504	33 C/01	23	22	52.81
Opinaca	2005505	33 C/01	23	23	52.81
Opinaca	2005506	33 C/01	23	24	52.81
Opinaca	2014255	33 C/01	23	25	52.81
Opinaca	2014254	33 C/01	24	21	52.81
Opinaca	2005502	33 C/01	24	22	52.81
Opinaca	2005510	33 C/01	24	23	52.8
Opinaca	2005509	33 C/01	24	24	52.8
Opinaca	2014256	33 C/01	24	25	52.8
Opinaca	2005507	33 C/01	25	21	52.8
Opinaca	2005508	33 C/01	25	22	52.8
Opinaca	2005511	33 C/01	26	21	52.79
Opinaca	2005512	33 C/01	26	22	52.79
Opinaca	2220261	33 C/02	5	56	52.99
Opinaca	2220262	33 C/02	5	57	52.99
Opinaca	2220263	33 C/02	5	58	52.99
Opinaca	2220264	33 C/02	5	59	52.99
Opinaca	2220265	33 C/02	6	56	52.99
Opinaca	2220266	33 C/02	6	57	52.98
Opinaca	2220267	33 C/02	6	58	52.98
Opinaca	2220268	33 C/02	6	59	52.98
Opinaca	2220190	33 C/02	8	60	52.96
Opinaca	2220191	33 C/02	9	59	52.96
Opinaca	2220192	33 C/02	9	60	52.96
Opinaca	2220269	33 C/02	10	50	52.95
Opinaca	2220270	33 C/02	10	51	52.95
Opinaca	2220271	33 C/02	10	52	52.95
Opinaca	2220272	33 C/02	10	53	52.95
Opinaca	2220273	33 C/02	10	54	52.95
Opinaca	2220274	33 C/02	10	55	52.95

APPENDIX 1 - Claims list Opinaca and Black Dog Projects

Projet	CDC	SNRC	Rangee	Colonne	Superficie HA
Opinaca	2220193	33 C/02	10	56	52.95
Opinaca	2220194	33 C/02	10	57	52.95
Opinaca	2220195	33 C/02	10	58	52.95
Opinaca	2220196	33 C/02	10	59	52.95
Opinaca	2220197	33 C/02	10	60	52.95
Opinaca	2024627	33 C/02	11	50	52.94
Opinaca	2024628	33 C/02	11	51	52.94
Opinaca	2024629	33 C/02	11	52	52.94
Opinaca	2220275	33 C/02	11	53	52.94
Opinaca	2220276	33 C/02	11	54	52.94
Opinaca	2220198	33 C/02	11	55	52.94
Opinaca	2220199	33 C/02	11	56	52.94
Opinaca	2220200	33 C/02	11	57	52.94
Opinaca	2220201	33 C/02	11	58	52.94
Opinaca	2220202	33 C/02	11	59	52.94
Opinaca	2220203	33 C/02	11	60	52.94
Opinaca	2024630	33 C/02	12	50	52.93
Opinaca	2024631	33 C/02	12	51	52.93
Opinaca	2024632	33 C/02	12	52	52.93
Opinaca	2220277	33 C/02	12	53	52.93
Opinaca	2220278	33 C/02	12	54	52.93
Opinaca	2220204	33 C/02	12	55	52.93
Opinaca	2220205	33 C/02	12	56	52.93
Opinaca	2220206	33 C/02	12	57	52.93
Opinaca	2220207	33 C/02	12	58	52.93
Opinaca	2236216	33 C/02	12	59	52.93
Opinaca	2236217	33 C/02	12	60	52.93
Opinaca	2024633	33 C/02	13	50	52.92
Opinaca	2024634	33 C/02	13	51	52.92
Opinaca	2024635	33 C/02	13	52	52.92
Opinaca	2220279	33 C/02	13	53	52.92
Opinaca	2220280	33 C/02	13	54	52.92
Opinaca	2220208	33 C/02	13	55	52.92
Opinaca	2220209	33 C/02	13	56	52.92
Opinaca	2220210	33 C/02	13	57	52.92
Opinaca	2236218	33 C/02	13	58	52.92
Opinaca	2236219	33 C/02	13	59	52.92
Opinaca	2236220	33 C/02	13	60	52.92
Opinaca	2024636	33 C/02	14	50	52.91
Opinaca	2024637	33 C/02	14	51	52.91
Opinaca	2024638	33 C/02	14	52	52.91
Opinaca	2220281	33 C/02	14	53	52.91
Opinaca	2220282	33 C/02	14	54	52.91
Opinaca	2220211	33 C/02	14	55	52.91
Opinaca	2220212	33 C/02	14	56	52.91
Opinaca	2236221	33 C/02	14	57	52.91

APPENDIX 1 - Claims list Opinaca and Black Dog Projects

Projet	CDC	SNRC	Rangee	Colonne	Superficie HA
Opinaca	2236222	33 C/02	14	58	52.91
Opinaca	2236223	33 C/02	14	59	52.91
Opinaca	2220213	33 C/02	14	60	52.91
Opinaca	2024639	33 C/02	15	52	52.9
Opinaca	2220283	33 C/02	15	53	52.9
Opinaca	2220284	33 C/02	15	54	52.9
Opinaca	2236225	33 C/02	15	55	52.9
Opinaca	2236224	33 C/02	15	57	52.9
Opinaca	2220214	33 C/02	15	58	52.9
Opinaca	2220215	33 C/02	15	59	52.9
Opinaca	2220216	33 C/02	15	60	52.9
Opinaca	2024640	33 C/02	16	52	52.89
Opinaca	2024641	33 C/02	16	53	52.89
Opinaca	2024642	33 C/02	16	54	52.89
Opinaca	2024643	33 C/02	16	55	52.89
Opinaca	2024644	33 C/02	16	56	52.89
Opinaca	2220217	33 C/02	16	57	52.89
Opinaca	2220218	33 C/02	16	58	52.89
Opinaca	2220219	33 C/02	16	59	52.89
Opinaca	2220220	33 C/02	16	60	52.89
Opinaca	2024649	33 C/02	17	55	52.88
Opinaca	2024650	33 C/02	17	56	52.88
Opinaca	2024645	33 C/02	17	57	52.88
Opinaca	2024646	33 C/02	17	58	52.88
Opinaca	2024647	33 C/02	17	59	52.88
Opinaca	2024648	33 C/02	17	60	52.88
Opinaca	2024651	33 C/02	18	60	52.87
Black Dog	**2028421**	**33 C/01**	**25**	**23**	**52.8**
Black Dog	**2028423**	**33 C/01**	**25**	**24**	**52.79**
Black Dog	**2028424**	**33 C/01**	**25**	**25**	**52.79**
Black Dog	**2028425**	**33 C/01**	**25**	**26**	**52.79**
Black Dog	**2028372**	**33 C/01**	**25**	**27**	**52.79**
Black Dog	**2028380**	**33 C/01**	**25**	**29**	**52.79**
Black Dog	**2028391**	**33 C/01**	**25**	**30**	**52.79**
Black Dog	**2028393**	**33 C/01**	**25**	**31**	**52.79**
Black Dog	**2028394**	**33 C/01**	**25**	**32**	**52.79**
Black Dog	**2028397**	**33 C/01**	**25**	**33**	**52.79**
Black Dog	**2028399**	**33 C/01**	**25**	**34**	**52.79**
Black Dog	**2028368**	**33 C/01**	**26**	**23**	**52.79**
Black Dog	**2028369**	**33 C/01**	**26**	**24**	**52.79**
Black Dog	**2028419**	**33 C/01**	**26**	**25**	**52.78**
Black Dog	**2028409**	**33 C/01**	**26**	**26**	**52.78**
Black Dog	**2028411**	**33 C/01**	**26**	**27**	**52.78**
Black Dog	**2028413**	**33 C/01**	**26**	**28**	**52.78**
Black Dog	**2028415**	**33 C/01**	**26**	**29**	**52.78**
Black Dog	**2028417**	**33 C/01**	**26**	**30**	**52.78**

APPENDIX 1 - Claims list Opinaca and Black Dog Projects

Projet	CDC	SNRC	Rangee	Colonne	Superficie HA
Black Dog	2028401	33 C/01	26	31	52.78
Black Dog	2028403	33 C/01	26	32	52.78
Black Dog	2028405	33 C/01	26	33	52.78
Black Dog	2028407	33 C/01	26	34	52.78
				TOTAL	9940.25

Appendix 2: List of abbreviations used for geological descriptions

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
VIA	Alteration	ALB	Albitisation	
VIA	Alteration	CAR	Carbonatation	
VIA	Alteration	CHL	Chloritasation	
VIA	Alteration	FRE	Fresh-Unaltered	
VIA	Alteration	HEM	Hematisation	
VIA	Alteration	KSP	Potassic Alt	
VIA	Alteration	SER	Sericitisation	
VIA	Alteration	SIL	Silicification	
VIA	Alteration	SUL	Sulfurisation	
VIA	Control	CTC	...associé à un contact	
VIA	Control	CTL	...associé au litage	
VIA	Control	BFR	...bordure de fragments	
VIA	Control	BCO	...bordures de coussins	
VIA	Control	PSC	...dans le plan de la schistosité	
VIA	Control	ZCI	...dans une zone de cisaillement	
VIA	Control	FRP	...en plaquage de fracture	
VIA	Control	VEI	...en veines et veinules	
VIA	Control	GTE	...grid texture	
VIA	Control	PEN	...pénétrant - pervasive	
VIA	Control	RAM	...remplissage d'amygdules	
VIA	Control	STO	...stockwerk	
VIA	Control	VAR	...variable - mottled	
VIA	Control	ZAN	...zones anastomosée	
SIGEOM	Mineralization	Ag	Argent natif (visible)	PRO2000-08
SIGEOM	Mineralization	AS	Arsénopyrite	PRO2000-08
SIGEOM	Mineralization	Bi	Bismuth	PRO2000-08
SIGEOM	Mineralization	BM	Bismuthinite	PRO2000-08
SIGEOM	Mineralization	BS	Bismutite	PRO2000-08
SIGEOM	Mineralization	BN	Bornite	PRO2000-08
SIGEOM	Mineralization	BG	Boulangerite	PRO2000-08
SIGEOM	Mineralization	WO	Bournonite	PRO2000-08
SIGEOM	Mineralization	CT	Chalcocite(ne)	PRO2000-08
SIGEOM	Mineralization	CP	Chalcopyrite	PRO2000-08
SIGEOM	Mineralization	CM	Chromite	PRO2000-08
SIGEOM	Mineralization	CE	Cobaltite	PRO2000-08
SIGEOM	Mineralization	NB	Columbite/Niobite	PRO2000-08
SIGEOM	Mineralization	TO	Columbo-tantalite	PRO2000-08
SIGEOM	Mineralization	CV	Covellite	PRO2000-08
SIGEOM	Mineralization	CF	Cubanite	PRO2000-08
SIGEOM	Mineralization	Cu	Cuivre natif (visible)	PRO2000-08
SIGEOM	Mineralization	CU	Cuprite	PRO2000-08
SIGEOM	Mineralization	DG	Digenite	PRO2000-08
SIGEOM	Mineralization	EM	Électrum	PRO2000-08
SIGEOM	Mineralization	EG	Enargite	PRO2000-08
SIGEOM	Mineralization	Fe	Fer	PRO2000-08
SIGEOM	Mineralization	FM	Ferrimolybdite	PRO2000-08
SIGEOM	Mineralization	GH	Gahnite	PRO2000-08
SIGEOM	Mineralization	GL	Galène	PRO2000-08
SIGEOM	Mineralization	GO	Goethite	PRO2000-08
SIGEOM	Mineralization	HM	Hématite	PRO2000-08
SIGEOM	Mineralization	IM	Ilménite	PRO2000-08
SIGEOM	Mineralization	LM	Limonite	PRO2000-08
SIGEOM	Mineralization	LG	Loellingite	PRO2000-08
SIGEOM	Mineralization	MG	Magnétite	PRO2000-08
SIGEOM	Mineralization	MC	Malachite	PRO2000-08
SIGEOM	Mineralization	MS	Marcasite	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralization	MK	Merenskyite	PRO2000-08
SIGEOM	Mineralization	NS	Millerite	PRO2000-08
SIGEOM	Mineralization	OP	Minéraux opaques	PRO2000-08
SIGEOM	Mineralization	MR	Minéraux radioactifs	PRO2000-08
SIGEOM	Mineralization	MO	Molybdénite	PRO2000-08
SIGEOM	Mineralization	MB	Molybdite(dine)	PRO2000-08
SIGEOM	Mineralization	UN	Nickeline	PRO2000-08
SIGEOM	Mineralization	VG	Or natif (visible)	
SIGEOM	Mineralization	OF	Oxyde de fer	PRO2000-08
SIGEOM	Mineralization	PB	Pechblende	PRO2000-08
SIGEOM	Mineralization	PD	Pentlandite	PRO2000-08
SIGEOM	Mineralization	PY	Pyrite	PRO2000-08
SIGEOM	Mineralization	PM	Pyrochlore	PRO2000-08
SIGEOM	Mineralization	PO	Pyrrhotine	PRO2000-08
SIGEOM	Mineralization	SW	Scheelite	PRO2000-08
SIGEOM	Mineralization	SG	Sélénite	PRO2000-08
SIGEOM	Mineralization	Se	Sélénium	PRO2000-08
SIGEOM	Mineralization	S	Souffre	PRO2000-08
SIGEOM	Mineralization	HS	Spécularite	PRO2000-08
SIGEOM	Mineralization	SP	Sphalérite	PRO2000-08
SIGEOM	Mineralization	SB	Stibine/Stibnite	PRO2000-08
SIGEOM	Mineralization	HD	Stilbite (Heulandite)	PRO2000-08
SIGEOM	Mineralization	SF	Sulfures	PRO2000-08
SIGEOM	Mineralization	OT	Tétraferroplatine	PRO2000-08
SIGEOM	Mineralization	TH	Tétrahédrite	PRO2000-08
SIGEOM	Mineralization	TR	Thorianite	PRO2000-08
SIGEOM	Mineralization	TI	Thorite	PRO2000-08
SIGEOM	Mineralization	NM	Titanomagnétite	PRO2000-08
SIGEOM	Mineralization	UR	Uraninite	PRO2000-08
SIGEOM	Mineralization	UP	Uranophane	PRO2000-08
SIGEOM	Mineralization	UI	Uranopilite	PRO2000-08
SIGEOM	Mineralization	UH	Uranothorianite	PRO2000-08
SIGEOM	Mineralization	UT	Uranothorite	PRO2000-08
SIGEOM	Mineralization	GU	Uvarovite	PRO2000-08
SIGEOM	Mineralization	WF	Wolframite	PRO2000-08
SIGEOM	Mineralogy	AV	Acanthite	PRO2000-08
SIGEOM	Mineralogy	AC	Actinote	PRO2000-08
SIGEOM	Mineralogy	EC	Aeschynite - Y	PRO2000-08
SIGEOM	Mineralogy	AE	Agate	PRO2000-08
SIGEOM	Mineralogy	BP	Aikinite	PRO2000-08
SIGEOM	Mineralogy	KA	Akermanite	PRO2000-08
SIGEOM	Mineralogy	AB	Albite	PRO2000-08
SIGEOM	Mineralogy	AL	Allanite	PRO2000-08
SIGEOM	Mineralogy	TP	Altaïte	PRO2000-08
SIGEOM	Mineralogy	AI	Amazonite	PRO2000-08
SIGEOM	Mineralogy	AH	Améthyste	PRO2000-08
SIGEOM	Mineralogy	AO	Amiante (Asbestos)	PRO2000-08
SIGEOM	Mineralogy	AM	Amphibole	PRO2000-08
SIGEOM	Mineralogy	NT	Anatase	PRO2000-08
SIGEOM	Mineralogy	AD	Andalousite	PRO2000-08
SIGEOM	Mineralogy	AA	Andésine	PRO2000-08
SIGEOM	Mineralogy	GD	Andradite	PRO2000-08
SIGEOM	Mineralogy	LR	Anglésite	PRO2000-08
SIGEOM	Mineralogy	AY	Anhydrite	PRO2000-08
SIGEOM	Mineralogy	AK	Ankérite	PRO2000-08
SIGEOM	Mineralogy	NG	Annabergite	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralogy	AN	Anorthite	PRO2000-08
SIGEOM	Mineralogy	AT	Anthophyllite	PRO2000-08
SIGEOM	Mineralogy	Sb	Antimoine	PRO2000-08
SIGEOM	Mineralogy	AP	Apatite	PRO2000-08
SIGEOM	Mineralogy	OA	Aragonite	PRO2000-08
SIGEOM	Mineralogy	AG	Augite	PRO2000-08
SIGEOM	Mineralogy	AU	Autunite	PRO2000-08
SIGEOM	Mineralogy	NF	Awaruite	PRO2000-08
SIGEOM	Mineralogy	AX	Axinite	PRO2000-08
SIGEOM	Mineralogy	AZ	Azurite	PRO2000-08
SIGEOM	Mineralogy	BR	Barytine	PRO2000-08
SIGEOM	Mineralogy	BA	Bastnaesite	PRO2000-08
SIGEOM	Mineralogy	BL	Béryl	PRO2000-08
SIGEOM	Mineralogy	BF	Bétafite	PRO2000-08
SIGEOM	Mineralogy	BO	Biotite	PRO2000-08
SIGEOM	Mineralogy	BI	Birnessite	PRO2000-08
SIGEOM	Mineralogy	BD	Boltwoodite	PRO2000-08
SIGEOM	Mineralogy	DI	Braggite	PRO2000-08
SIGEOM	Mineralogy	BE	Brannerite	PRO2000-08
SIGEOM	Mineralogy	BV	Bravoite	PRO2000-08
SIGEOM	Mineralogy	BU	Britholite	PRO2000-08
SIGEOM	Mineralogy	BH	Brochantite	PRO2000-08
SIGEOM	Mineralogy	BC	Brucite	PRO2000-08
SIGEOM	Mineralogy	BT	Bytownite	PRO2000-08
SIGEOM	Mineralogy	CA	Calaverite	PRO2000-08
SIGEOM	Mineralogy	CQ	Calcédoine	PRO2000-08
SIGEOM	Mineralogy	CC	Calcite	PRO2000-08
SIGEOM	Mineralogy	CB	Carbonate	PRO2000-08
SIGEOM	Mineralogy	CJ	Cattierite	PRO2000-08
SIGEOM	Mineralogy	WD	Cérussite	PRO2000-08
SIGEOM	Mineralogy	OS	Cervantite	PRO2000-08
SIGEOM	Mineralogy	ZB	Chabazite(Chabasite)	PRO2000-08
SIGEOM	Mineralogy	DN	Chamosite	PRO2000-08
SIGEOM	Mineralogy	CH	Chert	PRO2000-08
SIGEOM	Mineralogy	CO	Chloanthite	PRO2000-08
SIGEOM	Mineralogy	CL	Chlorite	PRO2000-08
SIGEOM	Mineralogy	CR	Chloritoïde	PRO2000-08
SIGEOM	Mineralogy	HR	Chondrodite	PRO2000-08
SIGEOM	Mineralogy	CY	Chrysocolle	PRO2000-08
SIGEOM	Mineralogy	CS	Chrysotile	PRO2000-08
SIGEOM	Mineralogy	UC	Clarkeite	PRO2000-08
SIGEOM	Mineralogy	CI	Clevelandite	PRO2000-08
SIGEOM	Mineralogy	HO	Clinohypersthene	PRO2000-08
SIGEOM	Mineralogy	CX	Clinopyroxène	PRO2000-08
SIGEOM	Mineralogy	CZ	Clinozoïsite	PRO2000-08
SIGEOM	Mineralogy	UB	Coffinite	PRO2000-08
SIGEOM	Mineralogy	OO	Coopérite	PRO2000-08
SIGEOM	Mineralogy	CD	Cordiérite	PRO2000-08
SIGEOM	Mineralogy	CN	Corindon	PRO2000-08
SIGEOM	Mineralogy	PI	Cosalite	PRO2000-08
SIGEOM	Mineralogy	CK	Cryptomelane	PRO2000-08
SIGEOM	Mineralogy	CG	Cummingtonite	PRO2000-08
SIGEOM	Mineralogy	ZU	Cyrtolite	PRO2000-08
SIGEOM	Mineralogy	DT	Danaite	PRO2000-08
SIGEOM	Mineralogy	DL	Devilline	PRO2000-08
SIGEOM	Mineralogy	DP	Diopside	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralogy	DJ	Djurleite	PRO2000-08
SIGEOM	Mineralogy	DM	Dolomite	PRO2000-08
SIGEOM	Mineralogy	TG	Dravite	PRO2000-08
SIGEOM	Mineralogy	DS	Dravite-Schorlite	PRO2000-08
SIGEOM	Mineralogy	ES	Enstatite	PRO2000-08
SIGEOM	Mineralogy	EP	Epidote	PRO2000-08
SIGEOM	Mineralogy	ER	Erythrite	PRO2000-08
SIGEOM	Mineralogy	EU	Eudialyte	PRO2000-08
SIGEOM	Mineralogy	EX	Euxénite - (Y)	PRO2000-08
SIGEOM	Mineralogy	FA	Fayalite	PRO2000-08
SIGEOM	Mineralogy	FP	Feldspath	PRO2000-08
SIGEOM	Mineralogy	FN	Feldspath noir	PRO2000-08
SIGEOM	Mineralogy	FK	Feldspath potassique	PRO2000-08
SIGEOM	Mineralogy	FV	Feldspath vert/brun	PRO2000-08
SIGEOM	Mineralogy	FD	Feldspathoïde	PRO2000-08
SIGEOM	Mineralogy	FT	Ferghanite	PRO2000-08
SIGEOM	Mineralogy	FS	Fergusonite	PRO2000-08
SIGEOM	Mineralogy	FB	Fibrolite	PRO2000-08
SIGEOM	Mineralogy	AF	Fluorapatite	PRO2000-08
SIGEOM	Mineralogy	FL	Fluorite (fluorine)	PRO2000-08
SIGEOM	Mineralogy	FO	Forstérite	PRO2000-08
SIGEOM	Mineralogy	FR	Franklinite	PRO2000-08
SIGEOM	Mineralogy	FG	Freibergite	PRO2000-08
SIGEOM	Mineralogy	FC	Fuchsite	PRO2000-08
SIGEOM	Mineralogy	NC	Gaspéite	PRO2000-08
SIGEOM	Mineralogy	GT	Gédrite	PRO2000-08
SIGEOM	Mineralogy	NA	Gersdorffite	PRO2000-08
SIGEOM	Mineralogy	GC	Glaucophane	PRO2000-08
SIGEOM	Mineralogy	GP	Graphite	PRO2000-08
SIGEOM	Mineralogy	GF	Greenalite	PRO2000-08
SIGEOM	Mineralogy	GK	Greenockite	PRO2000-08
SIGEOM	Mineralogy	GR	Grenat	PRO2000-08
SIGEOM	Mineralogy	GM	Grenat manganésifère	PRO2000-08
SIGEOM	Mineralogy	GA	Grenat-almandin	PRO2000-08
SIGEOM	Mineralogy	GG	Grenat-grossulaire	PRO2000-08
SIGEOM	Mineralogy	GY	Grenat-pyrope	PRO2000-08
SIGEOM	Mineralogy	GN	Grunérite	PRO2000-08
SIGEOM	Mineralogy	UD	Gudmundite	PRO2000-08
SIGEOM	Mineralogy	GB	Gummite	PRO2000-08
SIGEOM	Mineralogy	GI	Gunningite	PRO2000-08
SIGEOM	Mineralogy	GE	Gypse	PRO2000-08
SIGEOM	Mineralogy	HL	Halite	PRO2000-08
SIGEOM	Mineralogy	HZ	Heazlewoodite	PRO2000-08
SIGEOM	Mineralogy	HG	Hédenbergite	PRO2000-08
SIGEOM	Mineralogy	HE	Hemimorphite	PRO2000-08
SIGEOM	Mineralogy	HC	Hercynite	PRO2000-08
SIGEOM	Mineralogy	HK	Holmquistite	PRO2000-08
SIGEOM	Mineralogy	HB	Hornblende	PRO2000-08
SIGEOM	Mineralogy	HT	Hydrocerussite	PRO2000-08
SIGEOM	Mineralogy	HN	Hydromagnésite	PRO2000-08
SIGEOM	Mineralogy	ZH	Hydrozincite	PRO2000-08
SIGEOM	Mineralogy	HP	Hypersthène	PRO2000-08
SIGEOM	Mineralogy	ID	Idaite	PRO2000-08
SIGEOM	Mineralogy	IG	Iddingsite	PRO2000-08
SIGEOM	Mineralogy	IR	Iriginite	PRO2000-08
SIGEOM	Mineralogy	IF	Isoferroplatine	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralogy	JA	Jade	PRO2000-08
SIGEOM	Mineralogy	JS	Jarosite	PRO2000-08
SIGEOM	Mineralogy	JP	Jaspe	PRO2000-08
SIGEOM	Mineralogy	KL	Kaolinite	PRO2000-08
SIGEOM	Mineralogy	KS	Kasolite	PRO2000-08
SIGEOM	Mineralogy	KM	Kermésite	PRO2000-08
SIGEOM	Mineralogy	KK	Klockmannite	PRO2000-08
SIGEOM	Mineralogy	KP	Kornérupine	PRO2000-08
SIGEOM	Mineralogy	KR	Krennerite	PRO2000-08
SIGEOM	Mineralogy	KN	Kyanite/Disthène	PRO2000-08
SIGEOM	Mineralogy	LB	Labradorite	PRO2000-08
SIGEOM	Mineralogy	LU	Laumontite	PRO2000-08
SIGEOM	Mineralogy	LI	Laurite	PRO2000-08
SIGEOM	Mineralogy	LS	Lawsonite	PRO2000-08
SIGEOM	Mineralogy	LD	Lepidocrocite	PRO2000-08
SIGEOM	Mineralogy	LP	Lépidolite	PRO2000-08
SIGEOM	Mineralogy	LE	Lessingite	PRO2000-08
SIGEOM	Mineralogy	LC	Leucite	PRO2000-08
SIGEOM	Mineralogy	LX	Leucoxène	PRO2000-08
SIGEOM	Mineralogy	LN	Linnaéite	PRO2000-08
SIGEOM	Mineralogy	DH	Maghémite	PRO2000-08
SIGEOM	Mineralogy	IC	Magnésiochromite	PRO2000-08
SIGEOM	Mineralogy	MN	Magnésite	PRO2000-08
SIGEOM	Mineralogy	MM	Manganite	PRO2000-08
SIGEOM	Mineralogy	MT	Mariposite	PRO2000-08
SIGEOM	Mineralogy	ZF	Marmatite	PRO2000-08
SIGEOM	Mineralogy	MH	Martite	PRO2000-08
SIGEOM	Mineralogy	ME	Mélilite	PRO2000-08
SIGEOM	Mineralogy	MW	Melonite	PRO2000-08
SIGEOM	Mineralogy	NE	Ménéghinite	PRO2000-08
SIGEOM	Mineralogy	MP	Mésoperthite	PRO2000-08
SIGEOM	Mineralogy	WH	Meymacite	PRO2000-08
SIGEOM	Mineralogy	MI	Mica	PRO2000-08
SIGEOM	Mineralogy	ML	Microcline	PRO2000-08
SIGEOM	Mineralogy	MA	Minéraux argileux	PRO2000-08
SIGEOM	Mineralogy	MD	Minéraux décoratifs	PRO2000-08
SIGEOM	Mineralogy	MX	Minéraux lourds	PRO2000-08
SIGEOM	Mineralogy	MF	Minéraux mafiques	PRO2000-08
SIGEOM	Mineralogy	MU	Minnesotaite	PRO2000-08
SIGEOM	Mineralogy	MZ	Monazite	PRO2000-08
SIGEOM	Mineralogy	OM	Monticellite	PRO2000-08
SIGEOM	Mineralogy	MV	Muscovite	PRO2000-08
SIGEOM	Mineralogy	NP	Néphéline	PRO2000-08
SIGEOM	Mineralogy	OI	Niocalite	PRO2000-08
SIGEOM	Mineralogy	OC	Ocre	PRO2000-08
SIGEOM	Mineralogy	OG	Oligoclasse	PRO2000-08
SIGEOM	Mineralogy	OV	Olivine	PRO2000-08
SIGEOM	Mineralogy	OR	Orthoclase (orthose)	PRO2000-08
SIGEOM	Mineralogy	OX	Orthopyroxène	PRO2000-08
SIGEOM	Mineralogy	OL	Ottrelite	PRO2000-08
SIGEOM	Mineralogy	OH	Oxyhornblende (Hornblende brune)	PRO2000-08
SIGEOM	Mineralogy	PE	Paragonite	PRO2000-08
SIGEOM	Mineralogy	PT	Penninite/Pennine	PRO2000-08
SIGEOM	Mineralogy	II	Péristérite	PRO2000-08
SIGEOM	Mineralogy	PK	Perovskite	PRO2000-08
SIGEOM	Mineralogy	PR	Perthite	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralogy	PZ	Petzite	PRO2000-08
SIGEOM	Mineralogy	PA	Phénacite/Phénakite	PRO2000-08
SIGEOM	Mineralogy	PH	Phlogopite	PRO2000-08
SIGEOM	Mineralogy	PU	Phosphuranylite	PRO2000-08
SIGEOM	Mineralogy	AR	Picrolite	PRO2000-08
SIGEOM	Mineralogy	PC	Pistachite	PRO2000-08
SIGEOM	Mineralogy	PG	Plagioclase	PRO2000-08
SIGEOM	Mineralogy	ZP	Pollucite	PRO2000-08
SIGEOM	Mineralogy	PJ	Posniakite	PRO2000-08
SIGEOM	Mineralogy	PN	Préhnite	PRO2000-08
SIGEOM	Mineralogy	PP	Pumpellyite	PRO2000-08
SIGEOM	Mineralogy	PS	Pyrolusite	PRO2000-08
SIGEOM	Mineralogy	PL	Pyrophyllite	PRO2000-08
SIGEOM	Mineralogy	PX	Pyroxène	PRO2000-08
SIGEOM	Mineralogy	QZ	Quartz	PRO2000-08
SIGEOM	Mineralogy	QB	Quartz bleu	PRO2000-08
SIGEOM	Mineralogy	RD	Rhodochrosite	PRO2000-08
SIGEOM	Mineralogy	RN	Rhodonite	PRO2000-08
SIGEOM	Mineralogy	RB	Riebeckite	PRO2000-08
SIGEOM	Mineralogy	RM	Romanechite	PRO2000-08
SIGEOM	Mineralogy	RC	Roscoelite	PRO2000-08
SIGEOM	Mineralogy	RZ	Rozénite	PRO2000-08
SIGEOM	Mineralogy	RL	Rutile	PRO2000-08
SIGEOM	Mineralogy	FF	Safflorite	PRO2000-08
SIGEOM	Mineralogy	SK	Samarskite	PRO2000-08
SIGEOM	Mineralogy	UL	Samarskite - (Y)	PRO2000-08
SIGEOM	Mineralogy	SA	Sanidine	PRO2000-08
SIGEOM	Mineralogy	SH	Sapphirine	PRO2000-08
SIGEOM	Mineralogy	SC	Scapolite	PRO2000-08
SIGEOM	Mineralogy	TF	Schorlite(Schorl)	PRO2000-08
SIGEOM	Mineralogy	VS	Sénarmontite	PRO2000-08
SIGEOM	Mineralogy	SR	Séricite	PRO2000-08
SIGEOM	Mineralogy	ST	Serpentine	PRO2000-08
SIGEOM	Mineralogy	SD	Sidérite(sidérose)	PRO2000-08
SIGEOM	Mineralogy	SI	Sidérotil	PRO2000-08
SIGEOM	Mineralogy	SM	Sillimanite	PRO2000-08
SIGEOM	Mineralogy	DW	Sklodowskite	PRO2000-08
SIGEOM	Mineralogy	TW	Smaltite/Smaltine	PRO2000-08
SIGEOM	Mineralogy	ZO	Smithsonite	PRO2000-08
SIGEOM	Mineralogy	SS	Sodalite	PRO2000-08
SIGEOM	Mineralogy	DY	Soddyite	PRO2000-08
SIGEOM	Mineralogy	GS	Spessartine	PRO2000-08
SIGEOM	Mineralogy	SN	Sphène/Titanite	PRO2000-08
SIGEOM	Mineralogy	SL	Spinelle	PRO2000-08
SIGEOM	Mineralogy	SO	Spodumène	PRO2000-08
SIGEOM	Mineralogy	NN	Stannite	PRO2000-08
SIGEOM	Mineralogy	SY	Starkéyite	PRO2000-08
SIGEOM	Mineralogy	SU	Staurotide	PRO2000-08
SIGEOM	Mineralogy	TS	Stéatite	PRO2000-08
SIGEOM	Mineralogy	ON	Stibiconite	PRO2000-08
SIGEOM	Mineralogy	SE	Stilpnomélane	PRO2000-08
SIGEOM	Mineralogy	SV	Sylvanite	PRO2000-08
SIGEOM	Mineralogy	SZ	Szomolnokite	PRO2000-08
SIGEOM	Mineralogy	TC	Talc	PRO2000-08
SIGEOM	Mineralogy	TN	Tantalite	PRO2000-08
SIGEOM	Mineralogy	TB	Tellurobismuthite	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Mineralogy	TT	Tennantite	PRO2000-08
SIGEOM	Mineralogy	TE	Tenorite	PRO2000-08
SIGEOM	Mineralogy	TD	Tétradymite	PRO2000-08
SIGEOM	Mineralogy	ZT	Thomsonite	PRO2000-08
SIGEOM	Mineralogy	HU	Thucholite	PRO2000-08
SIGEOM	Mineralogy	TZ	Topaze	PRO2000-08
SIGEOM	Mineralogy	TU	Torbernite	PRO2000-08
SIGEOM	Mineralogy	TL	Tourmaline	PRO2000-08
SIGEOM	Mineralogy	TA	Tourmaline zincifère	PRO2000-08
SIGEOM	Mineralogy	TM	Trémolite	PRO2000-08
SIGEOM	Mineralogy	US	Ulvöspinel	PRO2000-08
SIGEOM	Mineralogy	VA	Valentinite	PRO2000-08
SIGEOM	Mineralogy	VL	Valleriite	PRO2000-08
SIGEOM	Mineralogy	VR	Vermiculite	PRO2000-08
SIGEOM	Mineralogy	VV	Vésuvianite	PRO2000-08
SIGEOM	Mineralogy	VO	Violarite	PRO2000-08
SIGEOM	Mineralogy	WM	Willemite	PRO2000-08
SIGEOM	Mineralogy	WS	Wilsonite	PRO2000-08
SIGEOM	Mineralogy	WL	Wollastonite	PRO2000-08
SIGEOM	Mineralogy	WN	Wulfenite	PRO2000-08
SIGEOM	Mineralogy	TX	Xénotime-(Y)	PRO2000-08
SIGEOM	Mineralogy	ZL	Zéolite	PRO2000-08
SIGEOM	Mineralogy	ZN	Zincite	PRO2000-08
SIGEOM	Mineralogy	ZC	Zircon	PRO2000-08
SIGEOM	Mineralogy	ZS	Zoïsite	PRO2000-08
SIGEOM	Fossils	XX	Autres	PRO2000-08
SIGEOM	Fossils	XB	Bioclastes	PRO2000-08
SIGEOM	Fossils	YB	Brachiopodes	PRO2000-08
SIGEOM	Fossils	YZ	Bryozoaires	PRO2000-08
SIGEOM	Fossils	YC	Céphalopodes	PRO2000-08
SIGEOM	Fossils	XC	Ciment	PRO2000-08
SIGEOM	Fossils	YA	Conulaires	PRO2000-08
SIGEOM	Fossils	YX	Coraux	PRO2000-08
SIGEOM	Fossils	YR	Crinoïdes	PRO2000-08
SIGEOM	Fossils	YD	Échinodermes	PRO2000-08
SIGEOM	Fossils	YE	Éponges	PRO2000-08
SIGEOM	Fossils	YY	Fossile	PRO2000-08
SIGEOM	Fossils	YT	Gastéropodes	PRO2000-08
SIGEOM	Fossils	YG	Graptolites	PRO2000-08
SIGEOM	Fossils	XH	Hydrocarbures	PRO2000-08
SIGEOM	Fossils	XL	Liant	PRO2000-08
SIGEOM	Fossils	XR	Lithoclastes	PRO2000-08
SIGEOM	Fossils	XG	Matière organique	PRO2000-08
SIGEOM	Fossils	XM	Matrice	PRO2000-08
SIGEOM	Fossils	XT	Oncolites	PRO2000-08
SIGEOM	Fossils	XO	Oolites	PRO2000-08
SIGEOM	Fossils	YO	Ostracodes	PRO2000-08
SIGEOM	Fossils	YP	Pélécipodes	PRO2000-08
SIGEOM	Fossils	XP	Pellets	PRO2000-08
SIGEOM	Fossils	XD	Péloïdes	PRO2000-08
SIGEOM	Fossils	YN	Plantes	PRO2000-08
SIGEOM	Fossils	YK	Poissons	PRO2000-08
SIGEOM	Fossils	YS	Stromatoïdes	PRO2000-08
SIGEOM	Fossils	YI	Stromatoporoïdes	PRO2000-08
SIGEOM	Fossils	YF	Traces fossiles	PRO2000-08
SIGEOM	Fossils	YL	Trilobites	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Rock	I4QA	Aillikite	MB96-28
SIGEOM	Rock	I1K	Alaskite	MB96-28
SIGEOM	Rock	I4OA	Alnoite	MB96-28
SIGEOM	Rock	V2J	Andésite	MB96-28
SIGEOM	Rock	S12C	Anhydrite	MB96-28
SIGEOM	Rock	I3G	Anorthosite	MB96-28
SIGEOM	Rock	I3T	Anorthosite à hyperstène	MB96-28
SIGEOM	Rock	I3GR	Anorthosite foidifère	MB96-28
SIGEOM	Rock	I3H	Anorthosite gabbroique	MB96-28
SIGEOM	Rock	I3GQ	Anorthosite quartzifère	MB96-28
SIGEOM	Rock	I1F	Aplite	MB96-28
SIGEOM	Rock	S2	Arénite	MB96-28
SIGEOM	Rock	S2D	Arénite arkosique	MB96-28
SIGEOM	Rock	S2E	Arénite lithique	MB96-28
SIGEOM	Rock	S2A	Arénite Quartizitique	MB96-28
SIGEOM	Rock	S1C	Arkose	MB96-28
SIGEOM	Rock	S2C	Arkose	MB96-28
SIGEOM	Rock	S7J	Bafflestone	MB96-28
SIGEOM	Rock	V3B	Basalte	MB96-28
SIGEOM	Rock	V3E	Basalte à olivine	MB96-28
SIGEOM	Rock	V3C	Basalte à quartz	MB96-28
SIGEOM	Rock	V3A	Basalte andésitique/Andésite basaltique	MB96-28
SIGEOM	Rock	V3F	Basalte magnésien	MB96-28
SIGEOM	Rock	V3H	Basanite	MB96-28
SIGEOM	Rock	V3HP	Basanite phonolitique	MB96-28
SIGEOM	Rock	V2FB	Benmoréite	MB96-28
SIGEOM	Rock	V3J	Bonninite	MB96-28
SIGEOM	Rock	S7I	Boundstone	MB96-28
SIGEOM	Rock	S5	Brèche	MB96-28
SIGEOM	Rock	S5G	Brèche Intraformationnel	MB96-28
SIGEOM	Rock	S5H	Brèche Intraformationnel Fermé	MB96-28
SIGEOM	Rock	S5I	Brèche Intraformationnel Ouvert	MB96-28
SIGEOM	Rock	S5A	Brèche Monogénique	MB96-28
SIGEOM	Rock	S5B	Brèche Monogénique Fermé	MB96-28
SIGEOM	Rock	S5C	Brèche Monogénique Ouvert	MB96-28
SIGEOM	Rock	S5D	Brèche Polygénique	MB96-28
SIGEOM	Rock	S5E	Brèche Polygénique Fermé	MB96-28
SIGEOM	Rock	S5F	Brèche Polygénique Ouvert	MB96-28
SIGEOM	Rock	S7	Calcaire	MB96-28
SIGEOM	Rock	S7C	Calcarénite	MB96-28
SIGEOM	Rock	S7A	Calcilulite	MB96-28
SIGEOM	Rock	I4QC	Calciocarbonatite	MB96-28
SIGEOM	Rock	S7D	calcirudite	MB96-28
SIGEOM	Rock	S7B	calcisiltite	MB96-28
SIGEOM	Rock	I4OC	Camptonite	MB96-28
SIGEOM	Rock	I4Q	Carbonatite	MB96-28
SIGEOM	Rock	I1P	Charnockite (Granite à hyperstène)	MB96-28
SIGEOM	Rock	I1O	Charnockite à feldspath alcalin	MB96-28
SIGEOM	Rock	S10	Chert	MB96-28
SIGEOM	Rock	S10B	Chert Carbonaté	MB96-28
SIGEOM	Rock	S10F	Chert Ferrugineux	MB96-28
SIGEOM	Rock	S10E	Chert Graphiteux/Carboné	MB96-28
SIGEOM	Rock	S10A	Chert Oxydé	MB96-28
SIGEOM	Rock	S10C	Chert Silicaté	MB96-28
SIGEOM	Rock	S10D	Chert Sulfuré	MB96-28
SIGEOM	Rock	S6H	Clayshale	MB96-28

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Rock	S6I	Clayslate	MB96-28
SIGEOM	Rock	S6G	Claystone	MB96-28
SIGEOM	Rock	I4C	Clinopyroxénite	MB96-28
SIGEOM	Rock	I4F	Clinopyroxénite à olivine	MB96-28
SIGEOM	Rock	V1BC	Commendite	MB96-28
SIGEOM	Rock	S4	Conglomérat	MB96-28
SIGEOM	Rock	S4G	Conglomérat intraformationnel	MB96-28
SIGEOM	Rock	S4H	Conglomérat intraformationnel Fermé	MB96-28
SIGEOM	Rock	S4I	Conglomérat intraformationnel Ouvert	MB96-28
SIGEOM	Rock	S4A	Conglomérat monogénique	MB96-28
SIGEOM	Rock	S4B	Conglomérat monogénique fermé	MB96-28
SIGEOM	Rock	S4C	Conglomérat monogénique Ouvert	MB96-28
SIGEOM	Rock	S4D	Conglomérat polygénique	MB96-28
SIGEOM	Rock	S4E	Conglomérat polygénique Fermé	MB96-28
SIGEOM	Rock	S4F	Conglomérat polygénique Ouvert	MB96-28
SIGEOM	Rock	V1D	Dacite	MB96-28
SIGEOM	Rock	I4QD	Damtjernite	MB96-28
SIGEOM	Rock	I3B	Diabase	MB96-28
SIGEOM	Rock	I3M	Diabase à olivine	MB96-28
SIGEOM	Rock	I3F	Diabase à quatrz	MB96-28
SIGEOM	Rock	I2J	Diorite	MB96-28
SIGEOM	Rock	I2Q	Diorite à hyperstène	MB96-28
SIGEOM	Rock	I2JR	Diorite foidifère	MB96-28
SIGEOM	Rock	I2JF	Diorite foidique	MB96-28
SIGEOM	Rock	I2I	Diorite quartzifère	MB96-28
SIGEOM	Rock	S8C	Dolarénite	MB96-28
SIGEOM	Rock	S8A	Dololutite	MB96-28
SIGEOM	Rock	S8	Dolomite	MB96-28
SIGEOM	Rock	S8D	Dolorudite	MB96-28
SIGEOM	Rock	S8B	Dolosilite	MB96-28
SIGEOM	Rock	I4M	Dunite	MB96-28
SIGEOM	Rock	I1T	Enderbite (Tonalite à hyperstène)	MB96-28
SIGEOM	Rock	S12	Évaporite	MB96-28
SIGEOM	Rock	S11	Exhalite	MB96-28
SIGEOM	Rock	I4QF	Ferrocarbonatite	MB96-28
SIGEOM	Rock	I3D	Ferrogabbro	MB96-28
SIGEOM	Rock	I1N	Filon/Veine de quartz	MB96-28
SIGEOM	Rock	V4I	Foidite	MB96-28
SIGEOM	Rock	V4IP	Foidite phonolitique	MB96-28
SIGEOM	Rock	V4IT	Foidite téphritique	MB96-28
SIGEOM	Rock	I4S	Foidolite	MB96-28
SIGEOM	Rock	S9	Formation de fer	MB96-28
SIGEOM	Rock	S9C	Formation de fer Carbonatée	MB96-28
SIGEOM	Rock	S9A	Formation de fer indéterminée	MB96-28
SIGEOM	Rock	S9B	Formation de fer oxydée	MB96-28
SIGEOM	Rock	S9D	Formation de fer Silicatée	MB96-28
SIGEOM	Rock	S9E	Formation de fer Sulfurée	MB96-28
SIGEOM	Rock	I3A	Gabbro	MB96-28
SIGEOM	Rock	I3K	Gabbro à olivine	MB96-28
SIGEOM	Rock	I3E	Gabbro à quartz	MB96-28
SIGEOM	Rock	I3I	Gabbro anorthosite	MB96-28
SIGEOM	Rock	I3AR	Gabbro foidifère	MB96-28
SIGEOM	Rock	I3Q	Gabbronorite	MB96-28
SIGEOM	Rock	I3R	Gabbronorite à olivine	MB96-28
SIGEOM	Rock	S7H	Grainstone	MB96-28
SIGEOM	Rock	I1B	Granite	MB96-28

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Rock	I1A	Granite à feldspath alcalin	MB96-28
SIGEOM	Rock	I1I	Granitoide riche en quartz	MB96-28
SIGEOM	Rock	I1C	Granodiorite	MB96-28
SIGEOM	Rock	I1S	Grano-diotite à hyperstène	MB96-28
SIGEOM	Rock	I1H	Granophyre	MB96-28
SIGEOM	Rock	S1	Grès	MB96-28
SIGEOM	Rock	S1D	Grès Arkosique	MB96-28
SIGEOM	Rock	S1B	Grès Feldspathique	MB96-28
SIGEOM	Rock	S1E	Grès Lithique	MB96-28
SIGEOM	Rock	S1F	Grès Lithique subfeldspathitique	MB96-28
SIGEOM	Rock	S1A	Grès Quartzique	MB96-28
SIGEOM	Rock	S12D	Gypse	MB96-28
SIGEOM	Rock	S12A	Halite	MB96-28
SIGEOM	Rock	I4L	Harzburgite	MB96-28
SIGEOM	Rock	V3DH	Hawaiite	MB96-28
SIGEOM	Rock	I4A	Hornblendite	MB96-28
SIGEOM	Rock	V2JI	Icelandite	MB96-28
SIGEOM	Rock	V3AI	Icelandite basaltique	MB96-28
SIGEOM	Rock	I1	Intrusion felsique	MB96-28
SIGEOM	Rock	I2	Intrusion Intermédiaire	MB96-28
SIGEOM	Rock	I3	Intrusion mafique	MB96-28
SIGEOM	Rock	I4	Intrusion ultramafique	MB96-28
SIGEOM	Rock	S10J	Jaspe, Jaspilite	MB96-28
SIGEOM	Rock	I2P	Jotunite (Monzodiorite à hyperstène)	MB96-28
SIGEOM	Rock	I3OK	Kersantite	MB96-28
SIGEOM	Rock	I4P	Kimberlite	MB96-28
SIGEOM	Rock	I4PA	Kimberlite (groupe I)	MB96-28
SIGEOM	Rock	I4PB	Kimberlite (groupe II)	MB96-28
SIGEOM	Rock	V4A	Komatiite	MB96-28
SIGEOM	Rock	V4D	Komatiite dunitique	MB96-28
SIGEOM	Rock	V4C	Komatiite péridotitique	MB96-28
SIGEOM	Rock	V4B	Komatiite pyroxénitique	MB96-28
SIGEOM	Rock	I4R	Lamproite	MB96-28
SIGEOM	Rock	I3O	Lamprophyre mafique	MB96-28
SIGEOM	Rock	I4O	Lamprophyre ultrabasique	MB96-28
SIGEOM	Rock	V2FL	Latite	MB96-28
SIGEOM	Rock	V2LR	Latite foidifère	MB96-28
SIGEOM	Rock	V2E	Latite quartzifère	MB96-28
SIGEOM	Rock	I3P	Leuconorite	MB96-28
SIGEOM	Rock	I4K	Lherzolite	MB96-28
SIGEOM	Rock	I4QM	Magnésiocarbonatite	MB96-28
SIGEOM	Rock	I2O	Mangérite (Monzonite à hyperstène)	MB96-28
SIGEOM	Rock	V4E	Meimechite	MB96-28
SIGEOM	Rock	V4F	Melilitite	MB96-28
SIGEOM	Rock	V4FO	Melilitite à olivine	MB96-28
SIGEOM	Rock	I4T	Mélilitolite	MB96-28
SIGEOM	Rock	I3OM	Minette	MB96-28
SIGEOM	Rock	I4OM	Monchiquite	MB96-28
SIGEOM	Rock	I2H	Monzodiorite	MB96-28
SIGEOM	Rock	I2HR	Monzodiorite foidifère	MB96-28
SIGEOM	Rock	I2HF	Monzodiorite foidique	MB96-28
SIGEOM	Rock	I2G	Monzodiorite quartzifère	MB96-28
SIGEOM	Rock	I3C	Monzogabbro	MB96-28
SIGEOM	Rock	I3CR	Monzogabbro foidifère	MB96-28
SIGEOM	Rock	I3CF	Monzogabbro foidique	MB96-28
SIGEOM	Rock	I3CQ	Monzogabbro quartzifère	MB96-28

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Rock	I1M	Monzo-Granite	MB96-28
SIGEOM	Rock	I1R	Monzo-granite à hyperstène	MB96-28
SIGEOM	Rock	I2F	Monzonite	MB96-28
SIGEOM	Rock	I2FR	Monzonite foidifère	MB96-28
SIGEOM	Rock	I2E	Monzonite quartzifère	MB96-28
SIGEOM	Rock	I3S	Monzonorite	MB96-28
SIGEOM	Rock	I2K	Monzosyénite	MB96-28
SIGEOM	Rock	I2KF	Monzosyénite foidique	MB96-28
SIGEOM	Rock	OB	Mort Terrain (Overburden)	
SIGEOM	Rock	S6	Mudrock	MB96-28
SIGEOM	Rock	S6E	Mudshale	MB96-28
SIGEOM	Rock	S6F	Mudslate	MB96-28
SIGEOM	Rock	S6D	Mudstone	MB96-28
SIGEOM	Rock	S7E	Mudstone	MB96-28
SIGEOM	Rock	V3GM	Mugéargite	MB96-28
SIGEOM	Rock	V4IN	Néphélinite	MB96-28
SIGEOM	Rock	I3J	Norite	MB96-28
SIGEOM	Rock	I3L	Norite à olivine	MB96-28
SIGEOM	Rock	I4E	Orthopyroxénite	MB96-28
SIGEOM	Rock	I4H	Orthopyroxénite à olivine	MB96-28
SIGEOM	Rock	S7G	Packstone	MB96-28
SIGEOM	Rock	V1BP	Pantellérite	MB96-28
SIGEOM	Rock	I1G	Pegmatite (granitique)	MB96-28
SIGEOM	Rock	I4I	Péridotite	MB96-28
SIGEOM	Rock	V2G	Phonolite	MB96-28
SIGEOM	Rock	V2GT	Phonolite téphritique	MB96-28
SIGEOM	Rock	V4H	Picrite	MB96-28
SIGEOM	Rock	V4G	Picrobasalte	MB96-28
SIGEOM	Rock	I4OP	Polzénite	MB96-28
SIGEOM	Rock	I4B	Pyroxénite	MB96-28
SIGEOM	Rock	I1J	Quartzolite (Silexite)	MB96-28
SIGEOM	Rock	V1C	Rhyodacite	MB96-28
SIGEOM	Rock	V1B	Rhyolite	MB96-28
SIGEOM	Rock	V1A	Rhyolite à feldspath alcalin	MB96-28
SIGEOM	Rock	V4M	Rock volcanique ultramafique à melilite	MB96-28
SIGEOM	Rock	S7K	Rudstone	MB96-28
SIGEOM	Rock	I4OS	Sannaite	MB96-28
SIGEOM	Rock	S	Sédiments	MB96-28
SIGEOM	Rock	I4N	Serpentinite	MB96-28
SIGEOM	Rock	V3GS	Shoshonite	MB96-28
SIGEOM	Rock	S6B	Siltshale	MB96-28
SIGEOM	Rock	S6C	Siltslate	MB96-28
SIGEOM	Rock	S6A	Siltsone	MB96-28
SIGEOM	Rock	I3OS	Spessartite	MB96-28
SIGEOM	Rock	S2B	SubArkose	MB96-28
SIGEOM	Rock	S2F	Sublitharénite	MB96-28
SIGEOM	Rock	S12E	Sulfate	MB96-28
SIGEOM	Rock	F1	Sulfures Massifs	MB96-28
SIGEOM	Rock	F2	Sulfures semi-Massifs	MB96-28
SIGEOM	Rock	I2D	Syénite	MB96-28
SIGEOM	Rock	I2B	Syénite à feldspath alcalin	MB96-28
SIGEOM	Rock	I2N	Syénite à hyperstène	MB96-28
SIGEOM	Rock	I2DR	Syénite foidifère	MB96-28
SIGEOM	Rock	I2BR	Syénite foidifère à feldspath alcalin	MB96-28
SIGEOM	Rock	I2DF	Syénite foidique	MB96-28
SIGEOM	Rock	I2C	Syénite quartzifère	MB96-28

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Rock	I2A	Syénite quartzifère à feldspath alcalin	MB96-28
SIGEOM	Rock	I2M	Syénite quartzifère à feldspath alcalin avec hyperstène	MB96-28
SIGEOM	Rock	I1L	Syéno-granite	MB96-28
SIGEOM	Rock	I1Q	Syéno-granite à hyperstène	MB96-28
SIGEOM	Rock	S12B	Sylvite	MB96-28
SIGEOM	Rock	V3I	Téphrite	MB96-28
SIGEOM	Rock	V3IP	Téphryte phonolitique	MB96-28
SIGEOM	Rock	S4J	Tillite	MB96-28
SIGEOM	Rock	I1D	Tonalite	MB96-28
SIGEOM	Rock	V2F	Trachyandésite	MB96-28
SIGEOM	Rock	V3G	Trachyandésite basaltique	MB96-28
SIGEOM	Rock	V3D	Trachybasalte	MB96-28
SIGEOM	Rock	V3DK	Trachybasalte potassique	MB96-28
SIGEOM	Rock	V1E	Trachydacite	MB96-28
SIGEOM	Rock	V2D	Trachyte	MB96-28
SIGEOM	Rock	V2B	Trachyte à feldspath alcalin	MB96-28
SIGEOM	Rock	V2DC	Trachyte commenditique	MB96-28
SIGEOM	Rock	V2DR	Trachyte foidifère	MB96-28
SIGEOM	Rock	V2BR	Trachyte foidifère à feldspath alcalin	MB96-28
SIGEOM	Rock	V2DP	Trachyte pantellétique	MB96-28
SIGEOM	Rock	V2C	Trachyte quartzifère	MB96-28
SIGEOM	Rock	V2A	Trachyte quartzifère à feldspath alcalin	MB96-28
SIGEOM	Rock	I3N	Troctolite	MB96-28
SIGEOM	Rock	I1E	Trondhjémite	MB96-28
SIGEOM	Rock	I3OV	Vogesite	MB96-28
SIGEOM	Rock	V	Volcanite	
SIGEOM	Rock	V1	Volcanite felsique	MB96-28
SIGEOM	Rock	V2	Volcanite Intermédiaire	MB96-28
SIGEOM	Rock	V3	Volcanite mafique	MB96-28
SIGEOM	Rock	V4	Volcanite ultramafique	MB96-28
SIGEOM	Rock	S3	Wacke	MB96-28
SIGEOM	Rock	S3C	Wacke Arkosique	MB96-28
SIGEOM	Rock	S3D	Wacke Feldspathique	MB96-28
SIGEOM	Rock	S3E	Wacke Lithique	MB96-28
SIGEOM	Rock	S3A	Wacke Quartzitique	MB96-28
SIGEOM	Rock	S7F	Wackestone	MB96-28
SIGEOM	Rock	I4D	Websterite	MB96-28
SIGEOM	Rock	I4G	Websterite à olivine	MB96-28
SIGEOM	Rock	I4J	Wehrlite	MB96-28
SIGEOM	Metamorphic Rock	M23	Agmatite	MB96-28
SIGEOM	Metamorphic Rock	M16	Amphibolite	MB96-28
SIGEOM	Metamorphic Rock	M26	Brèche Tectonique	MB96-28
SIGEOM	Metamorphic Rock	M24	Cataclastite	MB96-28
SIGEOM	Metamorphic Rock	M18	Cornéenne	MB96-28
SIGEOM	Metamorphic Rock	M31	Coticule	MB96-28
SIGEOM	Metamorphic Rock	M21	Diatexite	MB96-28
SIGEOM	Metamorphic Rock	M17	Éclogite	MB96-28
SIGEOM	Metamorphic Rock	M1	Gneiss	MB96-28
SIGEOM	Metamorphic Rock	T3A	Gneiss droit («straight gneiss»)	MB96-28
SIGEOM	Metamorphic Rock	M6	Gneiss granitique	MB96-28
SIGEOM	Metamorphic Rock	T3D	Gneiss irrégulier	MB96-28
SIGEOM	Metamorphic Rock	T3B	Gneiss porphyroclastique	MB96-28
SIGEOM	Metamorphic Rock	M5	Gneiss Quartzofeldspathique	MB96-28
SIGEOM	Metamorphic Rock	T3C	Gneiss régulier	MB96-28
SIGEOM	Metamorphic Rock	M2	Gneiss Rubané	MB96-28
SIGEOM	Metamorphic Rock	M21A	Granite d'Anatexie	MB96-28

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Metamorphic Rock	M7	Granulite	MB96-28
SIGEOM	Metamorphic Rock	M13	Marbre	MB96-28
SIGEOM	Metamorphic Rock	M20	Métatexite	MB96-28
SIGEOM	Metamorphic Rock	M22	Migmatite	MB96-28
SIGEOM	Metamorphic Rock	M25	Mylonite	MB96-28
SIGEOM	Metamorphic Rock	M3	Orthogneiss	MB96-28
SIGEOM	Metamorphic Rock	M9	Orthoschiste	MB96-28
SIGEOM	Metamorphic Rock	M4	Paragneiss	MB96-28
SIGEOM	Metamorphic Rock	M10	Paraschiste	MB96-28
SIGEOM	Metamorphic Rock	M11	Phyllade	MB96-28
SIGEOM	Metamorphic Rock	M12	Quartzite	MB96-28
SIGEOM	Metamorphic Rock	M14	Rock Calco-Silicatée	MB96-28
SIGEOM	Metamorphic Rock	M15	Rock Métasomatique (Skarn)	MB96-28
SIGEOM	Metamorphic Rock	M8	Schiste	MB96-28
SIGEOM	Metamorphic Rock	M30	Tourmalinite	MB96-28
SIGEOM	Tectonic Rock	T2E	Blastomylonite	MB96-28
SIGEOM	Tectonic Rock	T1A	Brèche de Faille	MB96-28
SIGEOM	Tectonic Rock	T1F	Brèche d'Impact	MB96-28
SIGEOM	Tectonic Rock	T4	Brèche tectonique	MB96-28
SIGEOM	Tectonic Rock	T4B	Brèche tectonique à matrice de marbre	MB96-28
SIGEOM	Tectonic Rock	T1	Cataclastite	MB96-28
SIGEOM	Tectonic Rock	T1C	Gouge de faille	MB96-28
SIGEOM	Tectonic Rock	T1G	Impactite	MB96-28
SIGEOM	Tectonic Rock	T4A	Mélange tectonique	MB96-28
SIGEOM	Tectonic Rock	T1B	Microbrèche de Faille	MB96-28
SIGEOM	Tectonic Rock	T1E	Mylolisthénite	MB96-28
SIGEOM	Tectonic Rock	T2	Mylonite	MB96-28
SIGEOM	Tectonic Rock	T2B	Orthomylonite	MB96-28
SIGEOM	Tectonic Rock	T2D	Phyllonite	MB96-28
SIGEOM	Tectonic Rock	T2A	Protomylonite	MB96-28
SIGEOM	Tectonic Rock	T1D	Pseudotachylite	MB96-28
SIGEOM	Tectonic Rock	T2C	Ultramylonite	MB96-28
VIA	Structure	APL	Axe de Pli	
VIA	Structure	DIA	Diaclase, Joint, Fracture	
VIA	Structure	DYK	Dyke	
VIA	Structure	FAI	Faille, Cisaillement	
VIA	Structure	FOL	Foliation	
VIA	Structure	LAM	Lamination, Rubannement, Flow banding	
VIA	Structure	LIN	Linéation	
VIA	Structure	LIT	Litage, Bedding, S0, Stratification	
VIA	Structure	PAX	Plan Axial	
VIA	Structure	SCH	Schistosité, Gneissosité, SP, S1, S2, S3	
VIA	Structure	SGL	Strie Glaciaire	
VIA	Structure	VEI	Veine	
SIGEOM	Structure	L	Axe de mullion	PRO2000-08
SIGEOM	Structure	B	Axe de boudin	PRO2000-08
SIGEOM	Structure	J	Axe de joint en colonne	PRO2000-08
VIA	Structure	AP	Axe de pli	
SIGEOM	Structure	Q	Axe de stylolithe	PRO2000-08
SIGEOM	Structure	E	Axe d'étirement	PRO2000-08
SIGEOM	Structure	A	Axe d'étirement d'objet déformé	PRO2000-08
SIGEOM	Structure	Y	Axe d'étirement plaquage minéral	PRO2000-08
SIGEOM	Structure	M	Axe Minérale primaire (magmatique)	PRO2000-08
SIGEOM	Structure	N	Axe Minérale secondaire (tectonométamorphique)	PRO2000-08
VIA	Structure	LE	Linéation d'étirement	
SIGEOM	Structure	L1	Linéation d'intersection	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Structure	L2	Linéation d'intersection	PRO2000-08
SIGEOM	Structure	L3	Linéation d'intersection	PRO2000-08
SIGEOM	Structure	L4	Linéation d'intersection	PRO2000-08
SIGEOM	Structure	L	Linéation Indéterminée	PRO2000-08
VIA	Structure	LM	Linéation minérale	
SIGEOM	Structure	F	Strie de faille	PRO2000-08
VIA	Structure	SG	Strie glaciaire	
SIGEOM	Structure	T	Strie intercouche	PRO2000-08
VIA	Structure	CC	Clivage de crénulation	
VIA	Structure	DY	Dyke	
VIA	Structure	FA	Faille	
VIA	Structure	FR	Fracture	
VIA	Structure	LI	Litage	
VIA	Structure	PA	Plan axial	
VIA	Structure	S1	Schistosité S1	
VIA	Structure	S2	Schistosité S2	
VIA	Structure	S3	Schistosité S3	
VIA	Structure	VN	Veine	
VIA	Structure	ZC	Zone de cisaillement	
SIGEOM	Texture	AC	Aciculaire	PRO2000-08
SIGEOM	Texture	AD	Adcumulat	PRO2000-08
SIGEOM	Texture	AA	Affleurement caractérisé par le plissement	PRO2000-08
SIGEOM	Texture	AT	Agmatitique	PRO2000-08
SIGEOM	Texture	AL	Alaskitique	PRO2000-08
SIGEOM	Texture	AE	Altéré	PRO2000-08
SIGEOM	Texture	AO	Amas arrondis (globulaires)	PRO2000-08
SIGEOM	Texture	AB	Amiboïdal(e)	PRO2000-08
SIGEOM	Texture	AM	Amygdalaire	PRO2000-08
SIGEOM	Texture	AM	Amygdalaire	PRO2000-08
SIGEOM	Texture	AN	Anastomosé	PRO2000-08
SIGEOM	Texture	AR	Antirapakivi	PRO2000-08
SIGEOM	Texture	AP	Aphanitique	PRO2000-08
SIGEOM	Texture	AY	Apophyse (en)	PRO2000-08
SIGEOM	Texture	AS	Arborescent	PRO2000-08
SIGEOM	Texture	AU	Autoclastique	PRO2000-08
SIGEOM	Texture	XX	Autres	PRO2000-08
SIGEOM	Texture	BA	Bancs (en)	PRO2000-08
SIGEOM	Texture	BM	Bandes de cimentation	PRO2000-08
SIGEOM	Texture	BS	Basal(e)	PRO2000-08
SIGEOM	Texture	BE	Birds eyes	PRO2000-08
SIGEOM	Texture	BI	Biseau	PRO2000-08
SIGEOM	Texture	BL	Blocs (à)	PRO2000-08
SIGEOM	Texture	BU	Bordure / limite de coulée	PRO2000-08
SIGEOM	Texture	BV	Botryoïdal	PRO2000-08
SIGEOM	Texture	BO	Boudinage	PRO2000-08
SIGEOM	Texture	BC	Brèche à coussins ordinaires isolés	PRO2000-08
SIGEOM	Texture	BG	Brèche à coussins peu serrés	PRO2000-08
SIGEOM	Texture	BF	Brèche à méga-coussins isolés	PRO2000-08
SIGEOM	Texture	BB	Brèche à mini-coussins isolés	PRO2000-08
SIGEOM	Texture	BQ	Brèche de coulée / Brèche de lave	PRO2000-08
SIGEOM	Texture	BH	Brèche de coussins désagrégés / brisés	PRO2000-08
SIGEOM	Texture	BK	Brèche de coussins fragmentés	PRO2000-08
SIGEOM	Texture	BN	Brèche d'intrusion	PRO2000-08
SIGEOM	Texture	BP	Brèche pyroclastique	PRO2000-08
SIGEOM	Texture	BT	Brèche tectonique	PRO2000-08
SIGEOM	Texture	BR	Bréchique / Brèche	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	BY	Broyage	PRO2000-08
SIGEOM	Texture	CA	Cailloux 4-64 mm	PRO2000-08
SIGEOM	Texture	PK	Cailloux alignés «pebble stringers»	PRO2000-08
SIGEOM	Texture	CN	Cannelure	PRO2000-08
SIGEOM	Texture	CQ	Cataclastique	PRO2000-08
SIGEOM	Texture	CE	Cendre (à)	PRO2000-08
SIGEOM	Texture	VP	Centre volcanique/ faciès proximal	PRO2000-08
SIGEOM	Texture	DN	Cheminée d'alimentation (dyke nourricier)	PRO2000-08
SIGEOM	Texture	CV	Cheminée volcanique	PRO2000-08
SIGEOM	Texture	CH	Chenal	PRO2000-08
SIGEOM	Texture	CD	Chenal d'érosion (à)	PRO2000-08
SIGEOM	Texture	CG	Chenalisé	PRO2000-08
SIGEOM	Texture	CS	Cisaillé(e)	PRO2000-08
VIA	Texture	CIS	Cisaillement	
SIGEOM	Texture	JC	Columnaire/ (joints en colonnes)	PRO2000-08
SIGEOM	Texture	CB	Convolutions (à)	PRO2000-08
SIGEOM	Texture	KO	Coronitique	PRO2000-08
SIGEOM	Texture	NM	Coulé massive à noyaux saussuritisés	PRO2000-08
SIGEOM	Texture	CL	Coulée	PRO2000-08
SIGEOM	Texture	NC	Coulée coussinée à noyaux saussuritisés	PRO2000-08
SIGEOM	Texture	FZ	Coulée fragmentée	PRO2000-08
SIGEOM	Texture	CK	Coulée massive	PRO2000-08
SIGEOM	Texture	CZ	Coulée massive à surface coussinée	PRO2000-08
SIGEOM	Texture	CW	Coulée massive grenue et/ou partie basale grenue de coulée	PRO2000-08
SIGEOM	Texture	CO	Coussiné (coussins)	PRO2000-08
SIGEOM	Texture	CO	Coussiné (coussins)	PRO2000-08
SIGEOM	Texture	XP	Coussins allongés	PRO2000-08
SIGEOM	Texture	FP	Coussins aplatis	PRO2000-08
SIGEOM	Texture	MD	Coussins en molaire	PRO2000-08
SIGEOM	Texture	CF	Coussins fragmentés	PRO2000-08
SIGEOM	Texture	CI	Coussins isolés	PRO2000-08
SIGEOM	Texture	CJ	Coussins jointifs	PRO2000-08
SIGEOM	Texture	CT	Crescumulat	PRO2000-08
SIGEOM	Texture	CR	Cristalloblastique	PRO2000-08
SIGEOM	Texture	CX	Cristaux (en)	PRO2000-08
SIGEOM	Texture	CP	Cryptalguaire	PRO2000-08
SIGEOM	Texture	CU	Cumulat (à)	PRO2000-08
SIGEOM	Texture	CM	Cumulite	PRO2000-08
SIGEOM	Texture	DS	Cupules («dish structure»)	PRO2000-08
SIGEOM	Texture	CY	Cyclique(Cyclicité)	PRO2000-08
SIGEOM	Texture	DG	Désagrégés / brisés	PRO2000-08
SIGEOM	Texture	DQ	Diabasique	PRO2000-08
SIGEOM	Texture	DB	Diablastique	PRO2000-08
SIGEOM	Texture	DC	Diaclasé	PRO2000-08
SIGEOM	Texture	DR	Direction de courant	PRO2000-08
SIGEOM	Texture	DE	Direction d'écoulement de coulés	PRO2000-08
SIGEOM	Texture	DD	Discordance	PRO2000-08
SIGEOM	Texture	DK	Drusique	PRO2000-08
SIGEOM	Texture	DU	Dunes	PRO2000-08
SIGEOM	Texture	DW	Durchbewegung	PRO2000-08
SIGEOM	Texture	SB	Échappement (structure d')	PRO2000-08
SIGEOM	Texture	ED	Écharde	PRO2000-08
SIGEOM	Texture	EO	Écoulement (structure d')	PRO2000-08
SIGEOM	Texture	EF	Effondrement (structure d')	PRO2000-08
SIGEOM	Texture	EL	Empreinte de cannelures	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	EC	Empreinte de charge (« load cast»)	PRO2000-08
SIGEOM	Texture	EI	Empreinte d'impact	PRO2000-08
SIGEOM	Texture	EE	En échelon	PRO2000-08
SIGEOM	Texture	ES	En festons	PRO2000-08
SIGEOM	Texture	EN	Enclave	PRO2000-08
SIGEOM	Texture	EM	Encroûtement («crustification»)	PRO2000-08
SIGEOM	Texture	EP	Épiclastique	PRO2000-08
SIGEOM	Texture	EQ	Équigranulaire	PRO2000-08
SIGEOM	Texture	ER	Excroissances	PRO2000-08
SIGEOM	Texture	EX	Extrusif (ve)	PRO2000-08
SIGEOM	Texture	FJ	Faille intra-formationnelle	PRO2000-08
SIGEOM	Texture	FV	Faille synvolcanique	PRO2000-08
SIGEOM	Texture	FD	Fente de dessication	PRO2000-08
SIGEOM	Texture	FM	Fente de refroidissement	PRO2000-08
SIGEOM	Texture	FI	Fibreux (se)	PRO2000-08
SIGEOM	Texture	FB	Fibroblastique	PRO2000-08
SIGEOM	Texture	FS	Filandré « Flaser »	PRO2000-08
SIGEOM	Texture	FH	Filons-couches cogénitiques (synvolcaniques)	PRO2000-08
SIGEOM	Texture	FE	Flammes	PRO2000-08
SIGEOM	Texture	FL	Flué, par fluage - fluidal	PRO2000-08
SIGEOM	Texture	FL	Fluidal(e) (à structure)	PRO2000-08
SIGEOM	Texture	FT	Flûte («flutecast»)	PRO2000-08
SIGEOM	Texture	FX	Flûte déformée par surcharge	PRO2000-08
SIGEOM	Texture	FO	Folié(e)	PRO2000-08
SIGEOM	Texture	FF	Fossilifère	PRO2000-08
SIGEOM	Texture	FA	Fracturé(e)	PRO2000-08
SIGEOM	Texture	FC	Fractures radiales dans les coussins	PRO2000-08
SIGEOM	Texture	FG	Fragmenté	PRO2000-08
SIGEOM	Texture	FW	Fragments allongés «monomictes»/monogéniques	PRO2000-08
SIGEOM	Texture	FU	Fragments allongés «polymictic»/polygéniques	PRO2000-08
SIGEOM	Texture	FQ	Fragments aplatis «monomictic»/monogénique	PRO2000-08
SIGEOM	Texture	FK	Fragments aplatis «polymictic»/polygénique	PRO2000-08
SIGEOM	Texture	FR	Frites («pencil structure») (en crayon)	PRO2000-08
SIGEOM	Texture	GA	Galets (à)(64-256 mm)	PRO2000-08
SIGEOM	Texture	GE	Géode	PRO2000-08
SIGEOM	Texture	GB	Glomeroblastique	PRO2000-08
SIGEOM	Texture	GC	Glomeroclastique	PRO2000-08
SIGEOM	Texture	GX	Glomérocristallin(e)	PRO2000-08
SIGEOM	Texture	GH	Glomeroporphyrique	PRO2000-08
SIGEOM	Texture	NR	Gneiss à crayons	PRO2000-08
SIGEOM	Texture	GD	Gneiss droit («straight gneiss»)	PRO2000-08
SIGEOM	Texture	GS	Gneissique	PRO2000-08
SIGEOM	Texture	GW	Gradation densimétrique	PRO2000-08
SIGEOM	Texture	VG	Gradation granulométrique	PRO2000-08
SIGEOM	Texture	GF	Grains fins (à) < 1mm Rocks ignées	PRO2000-08
SIGEOM	Texture	GG	Grains grossiers (à) >5 mm Rocks ignées	PRO2000-08
SIGEOM	Texture	GM	Grains moyens (à) 1-5 mm Rocks ignées	PRO2000-08
SIGEOM	Texture	GT	Grains très fins	PRO2000-08
SIGEOM	Texture	GO	Grains très grossiers	PRO2000-08
SIGEOM	Texture	GR	Granoblastique	PRO2000-08
SIGEOM	Texture	GI	Granoclassement inverse	PRO2000-08
SIGEOM	Texture	GJ	Granoclassement inverse suivi de normal	PRO2000-08
SIGEOM	Texture	GN	Granoclassement normal	PRO2000-08
SIGEOM	Texture	GK	Granoclassement normal suivi d'inverse	PRO2000-08
SIGEOM	Texture	GQ	Granoclastique	PRO2000-08
SIGEOM	Texture	GY	Granophyrique	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	GU	Granules (à) (2-4 mm)	PRO2000-08
SIGEOM	Texture	GP	Graphique	PRO2000-08
SIGEOM	Texture	GV	Griffon	PRO2000-08
SIGEOM	Texture	HA	Harrisitic	PRO2000-08
SIGEOM	Texture	HE	Hélicitique	PRO2000-08
SIGEOM	Texture	HU	Hétéradcumulat	PRO2000-08
SIGEOM	Texture	HB	Hétéroblastique	PRO2000-08
SIGEOM	Texture	HK	Hétérogène	PRO2000-08
SIGEOM	Texture	HG	Hétérogranulaire	PRO2000-08
SIGEOM	Texture	HC	Holocristallin(e)	PRO2000-08
SIGEOM	Texture	HH	Holohyalin(e)	PRO2000-08
SIGEOM	Texture	HL	Hololeucocrate	PRO2000-08
SIGEOM	Texture	HM	Holomélanocrate	PRO2000-08
SIGEOM	Texture	HQ	Homéoblastique	PRO2000-08
SIGEOM	Texture	HJ	Homogène	PRO2000-08
SIGEOM	Texture	HT	Homotactique	PRO2000-08
SIGEOM	Texture	HY	Hyaloclastites	PRO2000-08
SIGEOM	Texture	HR	Hyaloclastites remaniées	PRO2000-08
SIGEOM	Texture	HP	Hyalopilitique	PRO2000-08
SIGEOM	Texture	TH	Hyalotuf	PRO2000-08
SIGEOM	Texture	HD	Hypidiomorphe	PRO2000-08
SIGEOM	Texture	HX	Hypocristallin(e)	PRO2000-08
SIGEOM	Texture	IM	Imbrication de cailloux, blocs	PRO2000-08
SIGEOM	Texture	IP	Imprégnation	PRO2000-08
SIGEOM	Texture	IS	Intersertale	PRO2000-08
SIGEOM	Texture	IT	Intraclastes (à)	PRO2000-08
SIGEOM	Texture	IR	Intraformationnel(le)	PRO2000-08
SIGEOM	Texture	IU	Intrusif(ve) / injection	PRO2000-08
SIGEOM	Texture	IC	Iridescence	PRO2000-08
SIGEOM	Texture	IL	Isolés	PRO2000-08
SIGEOM	Texture	JC	Joints en colonnes	PRO2000-08
SIGEOM	Texture	KR	Karstique	PRO2000-08
SIGEOM	Texture	LU	Labradorescence	PRO2000-08
SIGEOM	Texture	LA	Laminaire (laminé)	PRO2000-08
SIGEOM	Texture	LC	Laminations convolutées	PRO2000-08
SIGEOM	Texture	CP	Laminations cryptalgaires	PRO2000-08
SIGEOM	Texture	LQ	Laminations obliques	PRO2000-08
SIGEOM	Texture	LO	Laminations ondulantes	PRO2000-08
SIGEOM	Texture	LL	Laminations ondulantes lenticulaires	PRO2000-08
SIGEOM	Texture	LP	Laminations parallèles	PRO2000-08
SIGEOM	Texture	LI	Lapilli (à)	PRO2000-08
SIGEOM	Texture	TO	Lapillistone	PRO2000-08
SIGEOM	Texture	LT	Lattes (en)	PRO2000-08
SIGEOM	Texture	LV	Lave / coulée de lave	PRO2000-08
SIGEOM	Texture	LK	Lave en blocs	PRO2000-08
SIGEOM	Texture	LF	Lépidoblastique	PRO2000-08
SIGEOM	Texture	LX	Leucocrate	PRO2000-08
SIGEOM	Texture	LS	Leucosome	PRO2000-08
SIGEOM	Texture	SA	Lité(e), stratifié(e)	PRO2000-08
SIGEOM	Texture	AG	Lits amalgamés	PRO2000-08
SIGEOM	Texture	LN	Lits d'épaisseur moyenne (10 à 25 cm)	PRO2000-08
SIGEOM	Texture	LG	Lits épais (>25 cm)	PRO2000-08
SIGEOM	Texture	LD	Lits lenticulaires	PRO2000-08
SIGEOM	Texture	LM	Lits minces (1-10 cm)	PRO2000-08
SIGEOM	Texture	LB	Lobe	PRO2000-08
SIGEOM	Texture	MC	Mégacoussins (à)	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	MP	Mégaporphyrique	PRO2000-08
SIGEOM	Texture	MX	Mélanocrate	PRO2000-08
SIGEOM	Texture	MS	Mélanosome	PRO2000-08
SIGEOM	Texture	MK	Mésocrate	PRO2000-08
SIGEOM	Texture	MF	Mésocumulat	PRO2000-08
SIGEOM	Texture	ME	Métamorphisé	PRO2000-08
SIGEOM	Texture	ML	Miarolitique	PRO2000-08
SIGEOM	Texture	MT	Micritique	PRO2000-08
SIGEOM	Texture	MB	Microbrèche	PRO2000-08
SIGEOM	Texture	MI	Microlitique	PRO2000-08
SIGEOM	Texture	MR	Microporphyrique	PRO2000-08
SIGEOM	Texture	MU	Minicoussins (à)	PRO2000-08
SIGEOM	Texture	MZ	Mobilisat	PRO2000-08
SIGEOM	Texture	MM	Monogénique «Monomictic»	PRO2000-08
SIGEOM	Texture	MO	Mosaïque	PRO2000-08
SIGEOM	Texture	MN	Mylonitique	PRO2000-08
SIGEOM	Texture	MY	Myrmékitique	PRO2000-08
SIGEOM	Texture	NB	Nébulitique	PRO2000-08
SIGEOM	Texture	NE	Nématoblastique	PRO2000-08
SIGEOM	Texture	NS	Néosome	PRO2000-08
SIGEOM	Texture	NY	Noyaux	PRO2000-08
SIGEOM	Texture	OC	Ocellaire	PRO2000-08
SIGEOM	Texture	OE	Oeillé(e)	PRO2000-08
SIGEOM	Texture	OI	Oïkocryst (à)	PRO2000-08
SIGEOM	Texture	OO	Oolitique	PRO2000-08
SIGEOM	Texture	OP	Ophitique	PRO2000-08
SIGEOM	Texture	OR	Orbiculaire	PRO2000-08
SIGEOM	Texture	OU	Orthocumulat	PRO2000-08
SIGEOM	Texture	PS	Paléosome	PRO2000-08
SIGEOM	Texture	PE	Paléosurface d'érosion	PRO2000-08
SIGEOM	Texture	PA	Panidiomorphe	PRO2000-08
SIGEOM	Texture	PV	Patron d'interférence	PRO2000-08
SIGEOM	Texture	PG	Pegmatitique	PRO2000-08
SIGEOM	Texture	PL	Pellets (à)	PRO2000-08
SIGEOM	Texture	PD	Péloïdes	PRO2000-08
SIGEOM	Texture	PT	Perlitique	PRO2000-08
SIGEOM	Texture	LR	Peu serrés (loosely packed)	PRO2000-08
SIGEOM	Texture	PH	Phanéritique	PRO2000-08
SIGEOM	Texture	PI	Phénocristique	PRO2000-08
SIGEOM	Texture	PZ	Plis ptygmatiques	PRO2000-08
SIGEOM	Texture	PU	Plutonique	PRO2000-08
SIGEOM	Texture	PC	Poecilitique	PRO2000-08
SIGEOM	Texture	PB	Poeciloblastique	PRO2000-08
SIGEOM	Texture	PM	Polygénique /«polymictic»	PRO2000-08
SIGEOM	Texture	PN	Ponce	PRO2000-08
SIGEOM	Texture	PP	Porphyre	PRO2000-08
SIGEOM	Texture	PO	Porphyrique	PRO2000-08
SIGEOM	Texture	PQ	Porphyroblastique	PRO2000-08
SIGEOM	Texture	PJ	Porphyroclastique	PRO2000-08
SIGEOM	Texture	PX	Prismatique	PRO2000-08
SIGEOM	Texture	PF	Protoclastique	PRO2000-08
SIGEOM	Texture	PR	Pyroclastique	PRO2000-08
SIGEOM	Texture	RO	Radeaux (en)	PRO2000-08
SIGEOM	Texture	RK	Rapakivique	PRO2000-08
SIGEOM	Texture	RG	Régolite	PRO2000-08
SIGEOM	Texture	RN	Remanié(e)	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	RL	Remplacement	PRO2000-08
SIGEOM	Texture	RF	Réniforme	PRO2000-08
SIGEOM	Texture	RE	Réticulé(e)	PRO2000-08
SIGEOM	Texture	RC	Rides de courant	PRO2000-08
SIGEOM	Texture	RP	Rides de plage	PRO2000-08
SIGEOM	Texture	RM	Rill mark(s)	PRO2000-08
SIGEOM	Texture	RI	Rip-up clast(s)	PRO2000-08
SIGEOM	Texture	RQ	Ruban de quartz	PRO2000-08
SIGEOM	Texture	RU	Rubané(e)	PRO2000-08
SIGEOM	Texture	RA	Rubanement concentrique	PRO2000-08
SIGEOM	Texture	LJ	Rubanement de diffusion («Liesegang rings»)	PRO2000-08
SIGEOM	Texture	RS	Rubanement symétrique	PRO2000-08
SIGEOM	Texture	RT	Rubanement tectonique	PRO2000-08
SIGEOM	Texture	SD	Saccaroïdale (granoblastique)	PRO2000-08
SIGEOM	Texture	SC	Schisteux	PRO2000-08
SIGEOM	Texture	SH	Schlieren	PRO2000-08
SIGEOM	Texture	SR	Scoriacé(e)	PRO2000-08
SIGEOM	Texture	SV	shatter cone	PRO2000-08
SIGEOM	Texture	SL	Slump	PRO2000-08
SIGEOM	Texture	SM	Sommital(e)	PRO2000-08
SIGEOM	Texture	SP	Sphérolitique	PRO2000-08
SIGEOM	Texture	SX	Spinifex (à)	PRO2000-08
SIGEOM	Texture	SN	Stratifications / laminations obliques planaires	PRO2000-08
SIGEOM	Texture	SQ	Stratifications / laminations obliques tangentielles	PRO2000-08
SIGEOM	Texture	SF	Stratifications entrecroisées defosse	PRO2000-08
SIGEOM	Texture	ST	Stratifié(e) / stratiforme	PRO2000-08
SIGEOM	Texture	SG	Streaky mafiques en trait	PRO2000-08
SIGEOM	Texture	SI	Strie	PRO2000-08
SIGEOM	Texture	SK	Stromatic	PRO2000-08
SIGEOM	Texture	SU	Stromatolitique	PRO2000-08
SIGEOM	Texture	DW	Structure «durchbewegung »	PRO2000-08
SIGEOM	Texture	ET	Structure de percement («piercement»)	PRO2000-08
SIGEOM	Texture	PW	Structure en peigne («comb»)	PRO2000-08
SIGEOM	Texture	SY	Stylolites	PRO2000-08
SIGEOM	Texture	SO	Subophitique	PRO2000-08
SIGEOM	Texture	SE	Surface d'érosion	PRO2000-08
SIGEOM	Texture	TA	Tabulaire	PRO2000-08
SIGEOM	Texture	TT	Talus (de)	PRO2000-08
SIGEOM	Texture	TE	Tectonique	PRO2000-08
SIGEOM	Texture	YH	Tectonique hétéroclastique	PRO2000-08
SIGEOM	Texture	YL	Tectonite en L	PRO2000-08
SIGEOM	Texture	YS	Tectonite en L/S	PRO2000-08
SIGEOM	Texture	YZ	Tectonite en S	PRO2000-08
SIGEOM	Texture	YM	Tectonite homoclastique	PRO2000-08
SIGEOM	Texture	TF	Tracesfossiles (trous de vers, etc.)	PRO2000-08
SIGEOM	Texture	TR	Trachytique / trachytoïde	PRO2000-08
SIGEOM	Texture	TP	Trempe (de)	PRO2000-08
SIGEOM	Texture	TM	Tuf à blocs	PRO2000-08
SIGEOM	Texture	TZ	Tuf à blocs et tuf à lapilli	PRO2000-08
SIGEOM	Texture	TD	Tuf à cendre	PRO2000-08
SIGEOM	Texture	TX	Tuf à cristaux	PRO2000-08
SIGEOM	Texture	TL	Tuf à lapilli	PRO2000-08
SIGEOM	Texture	TY	Tuf à lapilli et tuf à blocs	PRO2000-08
SIGEOM	Texture	TC	Tuf cherteux	PRO2000-08
SIGEOM	Texture	TG	Tuf graphiteux	PRO2000-08
SIGEOM	Texture	TI	Tuf lithique	PRO2000-08

Appendix 1: List of abbreviations

Source	Domain	Code	Signification (French)	Reference
SIGEOM	Texture	TS	Tuf soudé	PRO2000-08
SIGEOM	Texture	TU	Tufacé	PRO2000-08
SIGEOM	Texture	TB	Turbidite (voir guide des géofiches)	PRO2000-08
SIGEOM	Texture	VA	Variolitique	PRO2000-08
SIGEOM	Texture	VE	Vesiculaire	PRO2000-08
SIGEOM	Texture	VI	Vitreux(se)	PRO2000-08
SIGEOM	Texture	VO	Volcanique	PRO2000-08
SIGEOM	Texture	VC	Volcanoclastites	PRO2000-08
SIGEOM	Texture	XB	Xénoblastique	PRO2000-08
SIGEOM	Texture	XM	Xénomorphe	PRO2000-08
SIGEOM	Texture	ZS	Zone de cisaillement	PRO2000-08
SIGEOM	Texture	ZC	Zone de contact	PRO2000-08
SIGEOM	Texture	ZD	Zone de déformation	PRO2000-08
SIGEOM	Texture	ZF	Zone de faille	PRO2000-08
SIGEOM	Texture	ZM	Zone minéralisée	PRO2000-08
SIGEOM	Texture	ZR	Zone rouillée	PRO2000-08
SIGEOM	Texture	AI	Amas irréguliers, agrégats	PRO2000-08
SIGEOM	Texture	OL	Colloforme	PRO2000-08
SIGEOM	Texture	CC	Concrétion(s) nodules	PRO2000-08
SIGEOM	Texture	DT	Dendritique	PRO2000-08
SIGEOM	Texture	DI	Disséminé	PRO2000-08
SIGEOM	Texture	FN	Filonien	PRO2000-08
SIGEOM	Texture	RB	Framboïdal	PRO2000-08
SIGEOM	Texture	ID	Idiomorphe	PRO2000-08
SIGEOM	Texture	IG	Intergranulaire	PRO2000-08
SIGEOM	Texture	LE	Lenticulaire	PRO2000-08
SIGEOM	Texture	MA	Massif(ve)	PRO2000-08
SIGEOM	Texture	NO	Nodulaire	PRO2000-08
VIA	Texture	SSM	Semi-Massif	
SIGEOM	Texture	SW	Stockwerk	PRO2000-08
SIGEOM	Texture	SJ	Stratoïde («stratabound»)	PRO2000-08
SIGEOM	Texture	SS	Stringer	PRO2000-08
SIGEOM	Texture	PY	Structure en cocarde (crustification , «cockade»)	PRO2000-08
VIA	Texture	VN	Veine	

Appendix 3: Outcrops and boulders location dans description table

APPENDIX 3 - Outcrops and Boulders Location and Description

IdAffleur	Project	Occurrence	Year	Datum	Zone	X_UTM_OC	Y_UTM_OC	Litho_Principal	Litho_2	Composition	Mineralization
BD2014DDC-001	Opinaca-Black Dog	Affleurement	2014	27	18	414979	5784994	V1	I3A	QZ(80) PG(19) OP(1)	PY(1)
BD2014DDC-002	Opinaca-Black Dog	Affleurement	2014	27	18	415005	5785000	S9E	I3A	QZ(20) GP(40) AM(20) OP(5) PG(5) LM(10)	PY(2) PO(2) CP(1)
BD2014DDC-003	Opinaca-Black Dog	Affleurement	2014	27	18	414898	5784988	S3		QZ(39) SR(39) PG(15) BO(3) OP(3)	PY(3)
BD2014DDC-004	Opinaca-Black Dog	Affleurement	2014	27	18	414923	5785012	V1		QZ(80) PG(15) OP(5)	PY(5)
BD2014DDC-005	Opinaca-Black Dog	Affleurement	2014	27	18	414932	5785034	I3A		AM(85) PG(7) OP(7)	PO(3) CP(2) PY(2)
BD2014DDC-006	Opinaca-Black Dog	Affleurement	2014	27	18	415101	5784851	S3		QZ(38) PG(15) AM(15) SR(5) OP(5)	PY(3) PY(2)
BD2014DDC-007	Opinaca-Black Dog	Affleurement	2014	27	18	415197	5784947	S9E		QZ(39) AM(39) OP(7) PG(15)	PY(2) PY(5)
BD2014DDC-008	Opinaca-Black Dog	Affleurement	2014	27	18	415243	5784966	S9E	I3A	QZ(50) AM(30) OP(3) PG(17)	PY(3)
BD2014DDC-009	Opinaca-Black Dog	Affleurement	2014	27	18	415326	5784924	S9E		QZ(58) AM(29) PG(10) OP(3)	PY(3)
BD2014DDC-010	Opinaca-Black Dog	Affleurement	2014	27	18	415391	5784918	S3		QZ(50) SR(28) OP(2) PG(20)	PY(2)
BD2014DDC-011	Opinaca-Black Dog	Affleurement	2014	27	18	415436	5784919	S9E		QZ(30) AM(40) PG(10) OP(20)	PY(20)
BD2014DDC-012	Opinaca-Black Dog	Affleurement	2014	27	18	415393	5785011	I3A		AM(80) PG(20)	
BD2014DDC-013	Opinaca-Black Dog	Affleurement	2014	27	18	415399	5785093	V3B		AM(68) QZ(10) PG(15) GR(5) OP(2)	PY(1) PO(1)
BD2014DDC-014	Opinaca-Black Dog	Affleurement	2014	27	18	415454	5784917	S9E		QZ(30) AM(30) GP(10) OP(10) PG(20)	PY(5) PO(5)
BD2014DDC-015	Opinaca-Black Dog	Affleurement	2014	27	18	415467	5784871	S9E		QZ(47) AM(30) PG(20) OP(3)	PY(3)
BD2014DDC-016	Opinaca-Black Dog	Affleurement	2014	27	18	415515	5784891	S9E	V1	QZ(29) PG(5) GP(5) AM(58) OP(3)	PY(3)
BD2014DDC-017	Opinaca-Black Dog	Affleurement	2014	27	18	415550	5784888	V3B	S9E	QZ(38) AM(50) GR(5) OP(7)	PY(5) PO(2)
BD2014DDC-018	Opinaca-Black Dog	Affleurement	2014	27	18	415575	5784876	S9E		QZ(20) GP(20) AM(40) PG(10) OP(10)	PY(10)
BD2014DDC-019	Opinaca-Black Dog	Affleurement	2014	27	18	415679	5784933	V3B		QZ(5) AM(78) GR(10) PG(5) OP(2)	PY(1) PO(1)
BD2014RB-001	Opinaca-Black Dog	Affleurement	2014	27	18	409430	5784414	S9D		QZ(50) AM(10) OP(25) PL(15)	MG(24) AS(1)
BD2014RB-002	Opinaca-Black Dog	Affleurement	2014	27	18	409453	5784427	S9D		QZ(68) AM(25) GP(5) OP(2)	AS(1) PY(1)
BD2014RB-003	Opinaca-Black Dog	Affleurement	2014	27	18	409451	5784431	V3B		PL(60) AM(40)	PY(0,5)
BD2014EG-002	Opinaca-Black Dog	Affleurement	2014	27	18	413922	5785409	I3A		AM(80) FP(15) CL(5)	
BD2014EG-003	Opinaca-Black Dog	Affleurement	2014	27	18	413736	5785373	I3A		AM(80) CL(5) PG(15) OP(0)	
BD2014EG-004	Opinaca-Black Dog	Affleurement	2014	27	18	413489	5785436	V1			
BD2014EG-005	Opinaca-Black Dog	Affleurement	2014	27	18	413457	5785429	V1			
BD2014EG-006	Opinaca-Black Dog	Affleurement	2014	27	18	413370	5785469	I3A	I4B M16	AM(85) PG(10) CL(5)	PY(0.1)
BD2014EG-007	Opinaca-Black Dog	Affleurement	2014	27	18	413339	5785492	I3A	V2	AM(70) PG(20) CL(10)	
BD2014EG-008	Opinaca-Black Dog	Affleurement	2014	27	18	413339	5785492	I3A	V2	AM(70) PG(20) CL(10)	
BD2014EG-009	Opinaca-Black Dog	Affleurement	2014	27	18	413436	5785347	I3A		AM(35) PG(45) CL(15) BO(5)	
BD2014AMB-001	Opinaca-Black Dog	Affleurement	2014	27	18	412396	5784986	V3B	V1	AM(49) PG(36) CL(10) GR(2) EP(1) OP(2)	AS(1) PY(1)
BD2014AMB-002	Opinaca-Black Dog	Affleurement	2014	27	18	412350	5784990	V3B	V1	AM(47) PG(36) CL(10) GR(2) EP(1) OP(2) GP(2)	PO(2)
BD2014AMB-003	Opinaca-Black Dog	Affleurement	2014	27	18	412349	5785160	V3B		AM(50) PG(38) CL(10) EP(2)	
BD2014AMB-004	Opinaca-Black Dog	Affleurement	2014	27	18	412322	5785156	V3B	V1	AM(55) PG(30) CL(7) EP(3) OP(5)	MG(5)
BD2014AMB-005	Opinaca-Black Dog	Affleurement	2014	27	18	412062	5785071	S9E		OP(2) QZ(48) CL(5) GP(10) EP(5) FP(30)	PY(2)
BD2014AMB-006	Opinaca-Black Dog	Affleurement	2014	27	18	412040	5785071	S9E		OP(2) QZ(48) CL(5) GP(10) EP(5) FP(30)	PY(2)
BD2014AMB-007	Opinaca-Black Dog	Affleurement	2014	27	18	412014	5785053	V1	M16	BO(5) QZ(58) FP(29) CL(5) GR(1) OP(1)	PY(1)
BD2014AMB-008	Opinaca-Black Dog	Affleurement	2014	27	18	412011	5784996	S9E		OP(5) QZ FP CL GP BO	PY(5)
BD2014RB-004	Opinaca-Black Dog	Affleurement	2014	27	18	409465	5784431	S9D		QZ(60) BO(20) AM(20)	PY(2) CP(0,5) AS(0,5)
BD2014RB-005	Opinaca-Black Dog	Affleurement	2014	27	18	409669	5784732	V3B		AM(50) PL(40) QZ(10)	
BD2014RB-006	Opinaca-Black Dog	Affleurement	2014	27	18	409800	5784664	V2J		AM(40) PL(30) QZ(10) BO(20)	PY(0.5)
BD2014RB-007	Opinaca-Black Dog	Affleurement	2014	27	18	409960	5784563	S9D		AM(49) QZ(30) PL(20) OP(1)	PY(1)
BD2014RB-008	Opinaca-Black Dog	Affleurement	2014	27	18	409972	5784521	V3B		AM(70) PL(25) QZ(5) OP	PY(0,5)
BD2014RB-009	Opinaca-Black Dog	Affleurement	2014	27	18	410202	5784583	V3B		AC(65) PL(25) QZ(10)	
BD2014AMB-009	Opinaca-Black Dog	Bloc erratique	2014	27	18	411885	5784907	M16		AM(64) GR(10) FP(10) QZ(10) OP(6)	MG(5) PO(1)
BD2014AMB-010	Opinaca-Black Dog	Affleurement	2014	27	18	411809	5784928	S9E		OP(5) QZ FP BO BL GP	PY(5) MG
BD2014AMB-011	Opinaca-Black Dog	Affleurement	2014	27	18	411782	5784932	S9E		OP(5) AM QZ FP CL GP	PY(5)
BD2014AMB-012	Opinaca-Black Dog	Affleurement	2014	27	18	411764	5784931	S9E		OP(3) QZ GP FP	PY(3) MG
BD2014AMB-013	Opinaca-Black Dog	Affleurement	2014	27	18	411566	5784942	S9E		OP(12) FP(10) QZ(76) GP(2)	MG(10) PY(2)
BD2014AMB-014	Opinaca-Black Dog	Affleurement	2014	27	18	411584	5784947	S9E		OP(11) FP(10) QZ(75) GP(2) BO(1) CL(1)	MG(10) PY(1)
BD2014AMB-015	Opinaca-Black Dog	Affleurement	2014	27	18	411264	5784927	S9E		OP(7) GP MG QZ BO CL	MG(5) PY(2)
BD2014AMB-016	Opinaca-Black Dog	Affleurement	2014	27	18	411270	5785535	I2J		AM(34) PG(44) QZ(10) CL(5) BO(5) OP(2)	PY(1) PO(1)
BD2014AMB-017	Opinaca-Black Dog	Affleurement	2014	27	18	415512	5785015	M16	S	OP(2)	PO(1) PY(1)
BD2014AMB-018	Opinaca-Black Dog	Affleurement	2014	27	18	415681	5785152	V3B		AM FP CL	
BD2014AMB-019	Opinaca-Black Dog	Affleurement	2014	27	18	415712	5785253	V1	V3B M16	OP(1) QZ(63) FP(30) BO(3) CL(3)	PO(1)

APPENDIX 3 - Outcrops and Boulders Location and Description

IdAffleur	Project	Occurrence	Year	Datum	Zone	X_UTM_OC	Y_UTM_OC	Litho_Principal	Litho_2	Composition	Mineralization
BD2014AMB-020	Opinaca-Black Dog	Affleurement	2014	27	18	415930	5785106	V2J		OP(2) AM(25) PG(30) CL(10) EP(5) QZ(28)	PO(1) PY(1)
BD2014RB-010	Opinaca-Black Dog	Affleurement	2014	27	18	410178	5784664	V1D	I1N	QZ(30) PL(45) AM(10) CB(10) SR(5)	PY(0,5) AS(1)
BD2014RB-011	Opinaca-Black Dog	Affleurement	2014	27	18	410140	5784647	V1D	I1N	QZ(41) PL(40) CL(15) CB(2) EP(2)	PY(0,5) AS(0,5)
BD2014RB-012	Opinaca-Black Dog	Affleurement	2014	27	18	410231	5784627	V3B		AM(85) PL(15)	
BD2014RB-013	Opinaca-Black Dog	Affleurement	2014	27	18	410363	5784611	V3B		AM(70) PL(30)	
BD2014RB-014	Opinaca-Black Dog	Affleurement	2014	27	18	410393	5784668	V1D		PL(55) QZ(40) BO(5)	AS(1) PY(0,5)
BD2014RB-015	Opinaca-Black Dog	Affleurement	2014	27	18	410475	5784586	S9D		AM(55) QZ(30) OP(15)	MG(10) PY(5)
BD2014RB-016	Opinaca-Black Dog	Affleurement	2014	27	18	410443	5784600	V3B	I1N	AM(60) PL(30) QZ(10)	
BD2014RB-017	Opinaca-Black Dog	Affleurement	2014	27	18	410497	5784629	V2J		AM(40) PL(45) QZ(15)	
BD2014RB-018	Opinaca-Black Dog	Affleurement	2014	27	18	410599	5784813	V3B	I1N	AM(60) PL(30) BO(10)	
BD2014EG-001	Opinaca-Black Dog	Affleurement	2014	27	18	413922	5785409	I3A		AM(80) FP(15) CL(5)	PY(0.1)

Appendix 4: Assays MEA results (Au-Ag-As-Co-Cu-Mo-Ni-Pb-Zn) and location

Appendix 4 - Assays Location and Au-Ag-As-Co-Cu-Mo-Ni-Pb-Zn results

TagNumber	IdAffleur	Prj_Nom	Datum	Zone	X_UTM	Y_UTM	Certificate	HostRock	Au_ppm	Ag_ppm	As_ppm	Co_ppm	Cu_ppm	Mo_ppm	Ni_ppm	Pb_ppm	Zn_ppm	Sample Anomalies
364687	BD2014DDC-001	Opinaca-Black Dog	27	18	414979	5784994	VO14130482	V1	0.005	-0.2	2	7	2	-1	20	4	24	
364688	BD2014DDC-001	Opinaca-Black Dog	27	18	414976	5784997	VO14130482	V1	0.007	-0.2	2	4	32	-1	13	8	9	
364689	BD2014DDC-002	Opinaca-Black Dog	27	18	415007	5784998	VO14130482	S9E	0.024	1.3	-2	17	183	2	90	8	203	**#364689: 1.3 g/t Ag**
364690	BD2014DDC-002	Opinaca-Black Dog	27	18	415007	5785000	VO14130482	S9E	0.013	0.6	16	7	64	2	11	9	40	
364691	BD2014DDC-002	Opinaca-Black Dog	27	18	415002	5785000	VO14130482	S9E	0.011	0.5	3	2	29	3	2	8	16	
364692	BD2014DDC-003	Opinaca-Black Dog	27	18	414898	5784988	VO14130482	S3	0.043	0.6	2	17	85	1	50	4	75	
364693	BD2014DDC-004	Opinaca-Black Dog	27	18	414923	5785012	VO14130482	V1	0.009	0.4	61	7	75	1	11	25	142	
364694	BD2014DDC-005	Opinaca-Black Dog	27	18	414932	5785034	VO14130482	I3A	0.014	0.4	2	29	452	-1	35	-2	31	
364695	BD2014DDC-006	Opinaca-Black Dog	27	18	415101	5784851	VO14130482	S3	-0.005	2.8	17	1340	305	1	232	20	77	**#364695: 2.8 g/t Ag, 1340 ppm Co**
364696	BD2014DDC-006	Opinaca-Black Dog	27	18	415079	5784854	VO14130482	S3	0.021	0.5	2	45	87	1	77	16	165	
364697	BD2014DDC-007	Opinaca-Black Dog	27	18	415197	5784947	VO14130482	S9E	0.061	0.7	58	9	46	-1	12	11	18	
364698	BD2014DDC-007	Opinaca-Black Dog	27	18	415225	5784946	VO14130482	S9E	0.071	1.8	2030	45	62	1	68	13	102	**#364698: 1.8 g/t Ag**
364699	BD2014DDC-008	Opinaca-Black Dog	27	18	415243	5784966	VO14130482	S9E	-0.005	-0.2	13	2	20	-1	5	5	167	
364700	BD2014DDC-009	Opinaca-Black Dog	27	18	415326	5784924	VO14130482	S9E	0.013	2.2	-2	15	41	1	35	23	111	**#364700: 2.2 g/t Ag**
376952	BD2014AMB-001	Opinaca-Black Dog	27	18	412396	5784986	VO14130482	V3B	0.304	0.5	2	40	472	-1	46	-2	40	**#376952: 0.3 ppm Au**
376953	BD2014AMB-001	Opinaca-Black Dog	27	18	412395	5784987	VO14130482	V3B	0.018	-0.2	7330	2	67	-1	2	-2	2	
376954	BD2014AMB-001	Opinaca-Black Dog	27	18	412387	5784996	VO14130482	V3B	-0.005	-0.2	22	6	1	-1	39	-2	29	
376955	BD2014AMB-002	Opinaca-Black Dog	27	18	412350	5784990	VO14130482	V3B	0.096	0.5	4	12	160	-1	21	-2	28	
376956	BD2014AMB-003	Opinaca-Black Dog	27	18	412349	5785160	VO14130482	V3B	-0.005	-0.2	10	2	28	-1	1	-2	5	
376957	BD2014AMB-004	Opinaca-Black Dog	27	18	412322	5785156	VO14130482	V3B	0.005	-0.2	4	1	25	-1	1	-2	2	
376958	BD2014AMB-005	Opinaca-Black Dog	27	18	412062	5785071	VO14130482	S9E	0.006	0.2	86	11	38	1	23	6	95	
376959	BD2014AMB-006	Opinaca-Black Dog	27	18	412040	5785071	VO14130482	S9E	0.021	0.4	104	15	66	1	25	17	328	
376960	BD2014AMB-007	Opinaca-Black Dog	27	18	412014	5785053	VO14130482	V1	0.005	0.2	-2	35	250	-1	34	-2	20	
376961	BD2014AMB-008	Opinaca-Black Dog	27	18	412011	5784996	VO14130482	S9E	0.005	-0.2	-2	45	134	-1	121	-2	41	
376962	BD2014AMB-009	Opinaca-Black Dog	27	18	411885	5784907	VO14130482	M16	0.036	0.2	6	9	91	-1	32	-2	300	
376963	BD2014AMB-010	Opinaca-Black Dog	27	18	411809	5784928	VO14130482	S9E	0.097	0.9	45	26	52	-1	25	2	118	
376964	BD2014AMB-011	Opinaca-Black Dog	27	18	411782	5784932	VO14130482	S9E	0.693	2.4	>10000	48	71	2	14	10	206	**#376964: 0.69 ppm Au, 2.4 g/t Ag**
376965	BD2014AMB-012	Opinaca-Black Dog	27	18	411764	5784931	VO14130482	S9E	0.046	1.3	333	14	58	1	17	18	288	**#376965: 1.3 g/t Ag**
376966	BD2014AMB-013	Opinaca-Black Dog	27	18	411566	5784942	VO14130482	S9E	-0.005	0.2	110	3	9	-1	5	-2	11	
376967	BD2014AMB-014	Opinaca-Black Dog	27	18	411584	5784947	VO14130482	S9E	0.017	0.8	43	8	41	-1	17	13	81	
376968	BD2014AMB-015	Opinaca-Black Dog	27	18	411264	5784927	VO14130482	S9E	0.027	0.4	11	4	42	-1	6	2	6	
376969	BD2014AMB-016	Opinaca-Black Dog	27	18	411270	5785535	VO14130482	I2J	0.007	0.4	-2	19	186	-1	58	-2	61	
376970	BD2014AMB-017	Opinaca-Black Dog	27	18	415512	5785015	VO14130482	M16	-0.005	-0.2	4	1	6	-1	1	-2	4	
376971	BD2014AMB-017	Opinaca-Black Dog	27	18	415509	5785016	VO14130482	M16	0.047	0.4	-2	18	434	-1	30	-2	26	
376972	BD2014AMB-018	Opinaca-Black Dog	27	18	415681	5785152	VO14130482	V3B	-0.005	-0.2	3	5	2	-1	23	-2	11	
376973	BD2014AMB-019	Opinaca-Black Dog	27	18	415712	5785253	VO14130482	V1	-0.005	-0.2	-2	5	21	-1	18	-2	14	
376974	BD2014AMB-020	Opinaca-Black Dog	27	18	415930	5785106	VO14130482	V2J	0.009	0.5	-2	15	323	1	14	6	32	
378859	BD2014RB-001	Opinaca-Black Dog	27	18	409430	5784414	VO14130482	S9D	0.048	-0.2	891	1	6	-1	3	-2	4	
378860	BD2014RB-001	Opinaca-Black Dog	27	18	409430	5784414	VO14130482	S9D	0.022	-0.2	366	2	12	-1	3	-2	2	
378861	BD2014RB-002	Opinaca-Black Dog	27	18	409453	5784427	VO14130482	S9D	0.179	0.4	3660	29	50	-1	33	-2	27	**#378861: 0.18 ppm Au**
378862	BD2014RB-003	Opinaca-Black Dog	27	18	409451	5784431	VO14130482	V3B	-0.005	-0.2	11	9	5	-1	26	-2	45	
378863	BD2014RB-002	Opinaca-Black Dog	27	18	409437	5784419	VO14130482	S9D	-0.005	-0.2	4	11	2	-1	35	-2	53	
378864	BD2014RB-003	Opinaca-Black Dog	27	18	409453	5784424	VO14130482	V3B	0.011	0.2	11	25	45	1	60	-2	75	
378865	BD2014RB-004	Opinaca-Black Dog	27	18	409465	5784431	VO14130482	S9D	-0.005	-0.2	406	4	58	-1	8	-2	12	
378866	BD2014RB-006	Opinaca-Black Dog	27	18	409800	5784664	VO14130482	V2J	-0.005	-0.2	9	24	45	-1	87	3	78	
378867	BD2014RB-007	Opinaca-Black Dog	27	18	409960	5784563	VO14130482	S9D	0.007	-0.2	64	33	46	-1	32	-2	50	
378868	BD2014RB-010	Opinaca-Black Dog	27	18	410178	5784664	VO14130482	V1D	0.006	-0.2	49	14	41	1	46	19	76	
378869	BD2014RB-010	Opinaca-Black Dog	27	18	410178	5784664	VO14130482	V1D	0.005	-0.2	1095	13	52	1	43	8	56	
378870	BD2014RB-011	Opinaca-Black Dog	27	18	410140	5784647	VO14130482	V1D	-0.005	-0.2	18	1	1	-1	5	2	6	
378871	BD2014RB-011	Opinaca-Black Dog	27	18	410140	5784647	VO14130482	V1D	-0.005	-0.2	774	15	17	1	52	11	46	
378872	BD2014RB-011	Opinaca-Black Dog	27	18	410152	5784683	VO14130482	V1D	0.008	0.5	103	5	44	1	3	30	92	
378873	BD2014RB-014	Opinaca-Black Dog	27	18	410393	5784668	VO14130482	V1D	0.009	0.6	1590	1	30	1	3	93	92	
378874	BD2014RB-015	Opinaca-Black Dog	27	18	410475	5784586	VO14130482	S9D	0.054	0.2	16	192	15	-1	62	4	40	
378875	BD2014RB-015	Opinaca-Black Dog	27	18	410458	5784588	VO14130482	S9D	0.029	0.2	6	30	68	1	146	-2	31	
378876	BD2014RB-018	Opinaca-Black Dog	27	18	410603	5784816	VO14130482	V3B	-0.005	-0.2	2	1	2	-1	4	-2	2	
378951	BD2014DDC-010	Opinaca-Black Dog	27	18	415391	5784918	VO14130482	S3	0.012	1.8	5	24	49	1	20	3	33	**#378951: 1.8 g/t Ag**
378952	BD2014DDC-011	Opinaca-Black Dog	27	18	415436	5784919	VO14130482	S9E	0.039	0.4	213	29	44	-1	32	19	64	
378953	BD2014DDC-013	Opinaca-Black Dog	27	18	415400	5785097	VO14130482	V3B	-0.005	-0.2	-2	7	35	-1	8	-2	12	
378954	BD2014DDC-013	Opinaca-Black Dog	27	18	415400	5785092	VO14130482	V3B	-0.005	-0.2	-2	2	13	-1	6	-2	22	
378955	BD2014DDC-013	Opinaca-Black Dog	27	18	415395	5785092	VO14130482	V3B	-0.005	0.4	-2	12	60	-1	15	2	64	
378956	BD2014DDC-011	Opinaca-Black Dog	27	18	415442	5784918	VO14130482	S9E	0.013	0.3	13	8	33	1	8	7	19	
378957	BD2014DDC-011	Opinaca-Black Dog	27	18	415447	5784910	VO14130482	S9E	-0.005	0.7	33	66	57	1	28	12	51	

Appendix 4 - Assays Location and Au-Ag-As-Co-Cu-Mo-Ni-Pb-Zn results

TagNumber	IdAffleur	Prj_Nom	Datum	Zone	X_UTM	Y_UTM	Certificate	HostRock	Au_ppm	Ag_ppm	As_ppm	Co_ppm	Cu_ppm	Mo_ppm	Ni_ppm	Pb_ppm	Zn_ppm	Sample Anomalies
378958	BD2014DDC-014	Opinaca-Black Dog	27	18	415454	5784918	VO14130482	S9E	-0.005	0.2	3	7	51	-1	24	6	61	
378959	BD2014DDC-014	Opinaca-Black Dog	27	18	415461	5784917	VO14130482	S9E	0.02	0.7	148	163	110	1	64	18	81	
378960	BD2014DDC-014	Opinaca-Black Dog	27	18	415462	5784918	VO14130482	S9E	0.009	0.9	161	22	184	1	91	15	40	
378961	BD2014DDC-015	Opinaca-Black Dog	27	18	415467	5784871	VO14130482	S9E	-0.005	-0.2	3	1	5	-1	2	-2	15	
378962	BD2014DDC-015	Opinaca-Black Dog	27	18	415475	5784871	VO14130482	S9E	0.384	1.2	13	6	50	-1	16	28	11	**#378962: 0.38 ppm Au, 1.2 g/t Ag**
378963	BD2014DDC-016	Opinaca-Black Dog	27	18	415515	5784891	VO14130482	S9E	0.007	0.3	366	17	40	3	22	4	71	
378964	BD2014DDC-016	Opinaca-Black Dog	27	18	415524	5784901	VO14130482	S9E	-0.005	-0.2	2	23	74	-1	47	12	133	
378965	BD2014DDC-017	Opinaca-Black Dog	27	18	415550	5784888	VO14130482	V3B	-0.005	0.4	124	27	32	1	15	4	182	
378966	BD2014DDC-017	Opinaca-Black Dog	27	18	415559	5784900	VO14130482	V3B	0.041	0.7	10	30	339	-1	56	2	20	
378967	BD2014DDC-018	Opinaca-Black Dog	27	18	415575	5784876	VO14130482	S9E	-0.005	0.6	366	22	58	2	20	9	63	
378968	BD2014DDC-019	Opinaca-Black Dog	27	18	415679	5784933	VO14130482	V3B	0.01	0.3	-2	8	90	-1	13	-2	20	
378969	BD2014DDC-019	Opinaca-Black Dog	27	18	415680	5784935	VO14130482	V3B	0.005	0.2	2	2	20	-1	2	-2	9	
379119	BD2014EG-001	Opinaca-Black Dog	27	18	413920	5785417	VO14130482	I3A	-0.005	-0.2	5	7	2	-1	11	-2	16	
379120	BD2014EG-001	Opinaca-Black Dog	27	18	413923	5785409	VO14130482	I3A	0.035	-0.2	2	2	11	-1	3	-2	8	
379121	BD2014EG-001	Opinaca-Black Dog	27	18	413919	5785410	VO14130482	I3A	-0.005	-0.2	2	6	43	-1	8	-2	41	
379122	BD2014EG-002	Opinaca-Black Dog	27	18	413902	5785399	VO14130482	I3A	-0.005	-0.2	3	9	28	-1	6	-2	30	
379123	BD2014EG-003	Opinaca-Black Dog	27	18	413735	5785368	VO14130482	I3A	-0.005	0.3	3	15	1470	-1	30	-2	30	**#379123: 1470 ppm Cu**
379124	BD2014EG-004	Opinaca-Black Dog	27	18	413489	5785436	VO14130482	V1	-0.005	-0.2	-2	10	1	-1	23	4	42	
379125	BD2014EG-005	Opinaca-Black Dog	27	18	413457	5785426	VO14130482	V1	-0.005	-0.2	-2	5	16	-1	7	-2	18	
379126	BD2014EG-006	Opinaca-Black Dog	27	18	413370	5785469	VO14130482	I3A	-0.005	-0.2	3	7	42	-1	16	-2	25	
379127	BD2014EG-006	Opinaca-Black Dog	27	18	413368	5785476	VO14130482	I3A	-0.005	0.2	-2	12	112	-1	41	-2	37	
379128	BD2014EG-006	Opinaca-Black Dog	27	18	413375	5785488	VO14130482	I3A	-0.005	-0.2	-2	1	1	-1	1	-2	-2	
379129	BD2014EG-007	Opinaca-Black Dog	27	18	413338	5785495	VO14130482	I3A	0.005	0.2	6	10	117	15	30	2	15	
379130	BD2014EG-007	Opinaca-Black Dog	27	18	413338	5785495	VO14130482	I3A	-0.005	0.2	11	10	46	6	43	-2	20	
379131	BD2014EG-007	Opinaca-Black Dog	27	18	413336	5785494	VO14130482	I3A	0.006	-0.2	3	22	126	-1	44	4	80	
379132	BD2014EG-008	Opinaca-Black Dog	27	18	413342	5785492	VO14130482	I3A	-0.005	-0.2	9	6	6	8	14	-2	19	
379133	BD2014EG-009	Opinaca-Black Dog	27	18	413436	5785347	VO14130482	I3A	-0.005	-0.2	7	4	59	2	10	-2	11	

Appendix 5: Structural measurement table

APPENDIX 5 - Structural Measurement Table

IdAffleur	Prj_Nom	Datum	Zone	X_UTM	Y_UTM	StrucCode	Struc Name	Code Discover	Direction	Dip
BD2014DDC-001	Opinaca-Black Dog	27	18	414979	5784994	S1	Schistosité Principale	4	105	70
BD2014DDC-002	Opinaca-Black Dog	27	18	415005	5785000	S1	Schistosité Principale	4	270	68
BD2014DDC-003	Opinaca-Black Dog	27	18	414898	5784988	S1	Schistosité Principale	4	290	72
BD2014DDC-006	Opinaca-Black Dog	27	18	415101	5784851	S1	Schistosité Principale	4	270	50
BD2014DDC-006	Opinaca-Black Dog	27	18	415101	5784851	VN	Veine	15	270	50
BD2014DDC-007	Opinaca-Black Dog	27	18	415197	5784947	S1	Schistosité Principale	4	270	70
BD2014DDC-008	Opinaca-Black Dog	27	18	415243	5784966	S1	Schistosité Principale	4	118	80
BD2014DDC-012	Opinaca-Black Dog	27	18	415393	5785011	S1	Schistosité Principale	4	297	90
BD2014DDC-013	Opinaca-Black Dog	27	18	415399	5785093	S1	Schistosité Principale	4	316	82
BD2014DDC-014	Opinaca-Black Dog	27	18	415454	5784917	S1	Schistosité Principale	4	275	70
BD2014RB-003	Opinaca-Black Dog	27	18	409451	5784431	S1	Schistosité Principale	4	84	83
BD2014RB-003	Opinaca-Black Dog	27	18	409451	5784431	VN	Veine	15	80	80
BD2014RB-003	Opinaca-Black Dog	27	18	409451	5784431	VN	Veine	15	80	80
BD2014RB-003	Opinaca-Black Dog	27	18	409451	5784431	S1	Schistosité Principale	4	297	88
BD2014RB-004	Opinaca-Black Dog	27	18	409465	5784431	S1	Schistosité Principale	4	267	86
BD2014RB-004	Opinaca-Black Dog	27	18	409465	5784431	VN	Veine	15	299	80
BD2014RB-005	Opinaca-Black Dog	27	18	409669	5784732	S1	Schistosité Principale	4	87	90
BD2014EG-008	Opinaca-Black Dog	27	18	413339	5785492	VN	Veine	15	70	-99
BD2014EG-009	Opinaca-Black Dog	27	18	413436	5785347	VN	Veine	15	295	75
BD2014EG-009	Opinaca-Black Dog	27	18	413436	5785347	S2	Schistosité Secondaire	5	75	-99
BD2014AMB-001	Opinaca-Black Dog	27	18	412396	5784986	S2	Schistosité Secondaire	5	78	82
BD2014AMB-002	Opinaca-Black Dog	27	18	412350	5784990	FA	Faille	42	135	85
BD2014AMB-002	Opinaca-Black Dog	27	18	412350	5784990	S2	Schistosité Secondaire	5	70	85
BD2014AMB-003	Opinaca-Black Dog	27	18	412349	5785160	FA	Faille	42	155	85
BD2014AMB-003	Opinaca-Black Dog	27	18	412349	5785160	FA	Faille	42	70	0
BD2014AMB-003	Opinaca-Black Dog	27	18	412349	5785160	FA	Faille	42	70	0
BD2014AMB-004	Opinaca-Black Dog	27	18	412322	5785156	S2	Schistosité Secondaire	5	75	81
BD2014AMB-004	Opinaca-Black Dog	27	18	412322	5785156	FA	Faille	42	175	85
BD2014AMB-004	Opinaca-Black Dog	27	18	412322	5785156	FA	Faille	42	175	85
BD2014AMB-005	Opinaca-Black Dog	27	18	412062	5785071	S2	Schistosité Secondaire	5	100	84
BD2014AMB-005	Opinaca-Black Dog	27	18	412062	5785071	PA	Plan axial	77	121	0
BD2014AMB-006	Opinaca-Black Dog	27	18	412040	5785071	S2	Schistosité Secondaire	5	195	0
BD2014AMB-006	Opinaca-Black Dog	27	18	412040	5785071	AP	Axe de pli	8	3	55
BD2014AMB-010	Opinaca-Black Dog	27	18	411809	5784928	S2	Schistosité Secondaire	5	110	72
BD2014AMB-014	Opinaca-Black Dog	27	18	411584	5784947	S2	Schistosité Secondaire	5	230	0
BD2014AMB-016	Opinaca-Black Dog	27	18	411270	5785535	S2	Schistosité Secondaire	5	260	0
BD2014AMB-017	Opinaca-Black Dog	27	18	415512	5785015	S2	Schistosité Secondaire	5	278	80
BD2014AMB-020	Opinaca-Black Dog	27	18	415930	5785106	S2	Schistosité Secondaire	5	257	88
BD2014RB-005	Opinaca-Black Dog	27	18	409669	5784732	VN	Veine	15	266	82
BD2014RB-006	Opinaca-Black Dog	27	18	409800	5784664	S1	Schistosité Principale	4	68	88

APPENDIX 5 - Structural Measurement Table

IdAffleur	Prj_Nom	Datum	Zone	X_UTM	Y_UTM	StrucCode	Struc Name	Code Discover	Direction	Dip
BD2014RB-007	Opinaca-Black Dog	27	18	409960	5784563	S1	Schistosité Principale	4	62	90
BD2014RB-008	Opinaca-Black Dog	27	18	409972	5784521	S1	Schistosité Principale	4	35	90
BD2014RB-009	Opinaca-Black Dog	27	18	410202	5784583	S1	Schistosité Principale	4	76	90
BD2014RB-010	Opinaca-Black Dog	27	18	410178	5784664	S1	Schistosité Principale	4	71	86
BD2014RB-010	Opinaca-Black Dog	27	18	410178	5784664	FA	Faille	42	305	0
BD2014RB-011	Opinaca-Black Dog	27	18	410140	5784647	S1	Schistosité Principale	4	243	77
BD2014RB-011	Opinaca-Black Dog	27	18	410140	5784647	VN	Veine	15	240	0
BD2014RB-012	Opinaca-Black Dog	27	18	410231	5784627	S1	Schistosité Principale	4	260	78
BD2014RB-013	Opinaca-Black Dog	27	18	410363	5784611	S1	Schistosité Principale	4	258	0
BD2014RB-013	Opinaca-Black Dog	27	18	410363	5784611	S1	Schistosité Principale	4	265	0
BD2014RB-014	Opinaca-Black Dog	27	18	410393	5784668	S1	Schistosité Principale	4	255	88
BD2014RB-016	Opinaca-Black Dog	27	18	410443	5784600	S1	Schistosité Principale	4	230	80
BD2014RB-017	Opinaca-Black Dog	27	18	410497	5784629	S1	Schistosité Principale	4	96	88
BD2014RB-017	Opinaca-Black Dog	27	18	410497	5784629	LE	Linéation d'étirement	8	100	57
BD2014RB-018	Opinaca-Black Dog	27	18	410599	5784813	S1	Schistosité Principale	4	253	90
BD2014EG-001	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	88	-99
BD2014EG-001	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	95	-99
BD2014EG-001	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	95	-99
BD2014EG-002	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	88	-99
BD2014EG-002	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	95	-99
BD2014EG-002	Opinaca-Black Dog	27	18	413922	5785409	VN	Veine	15	95	-99
BD2014EG-003	Opinaca-Black Dog	27	18	413736	5785373	S2	Schistosité Secondaire	5	75	-99
BD2014EG-005	Opinaca-Black Dog	27	18	413457	5785429	VN	Veine	15	65	-99
BD2014EG-005	Opinaca-Black Dog	27	18	413457	5785429	S2	Schistosité Secondaire	5	60	85
BD2014EG-006	Opinaca-Black Dog	27	18	413370	5785469	CT	Contact	1	60	-99
BD2014EG-006	Opinaca-Black Dog	27	18	413370	5785469	VN	Veine	15	40	-99
BD2014EG-007	Opinaca-Black Dog	27	18	413339	5785492	VN	Veine	15	70	-99
BD2014EG-007	Opinaca-Black Dog	27	18	413339	5785492	S2	Schistosité Secondaire	5	75	74
BD2014EG-007	Opinaca-Black Dog	27	18	413339	5785492	S2	Schistosité Secondaire	5	75	74
BD2014EG-008	Opinaca-Black Dog	27	18	413339	5785492	S2	Schistosité Secondaire	5	75	74
BD2014EG-008	Opinaca-Black Dog	27	18	413339	5785492	S2	Schistosité Secondaire	5	75	74
-99	**Dip unknown**									

Appendix 6: Lab certificates

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

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

CERTIFICAT VO14130482

Projet: BLACK DOG

Bon de commande #: BLACK DOG

Ce rapport s'applique aux 89 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 27- AOUT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	TONNY GIRARD	JEROME LAVOIE

PRÉPARATION ÉCHANTILLONS

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

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINES VIRGINIA INC.
ATTN: JEROME LAVOIE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

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.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
364687		1.10	0.005	<0.2	1.38	2	<10	40	<0.5	<2	0.73	<0.5	7	25	2	1.47
364688		0.81	0.007	<0.2	0.39	2	<10	10	<0.5	<2	0.14	<0.5	4	20	32	1.08
364689		0.87	0.024	1.3	0.79	<2	<10	20	0.5	2	0.20	<0.5	17	17	183	14.80
364690		0.88	0.013	0.6	0.70	16	<10	20	<0.5	<2	0.18	<0.5	7	8	64	10.35
364691		0.66	0.011	0.5	0.32	3	<10	20	<0.5	<2	0.12	<0.5	2	7	29	3.24
364692		0.59	0.043	0.6	1.51	2	<10	30	<0.5	<2	0.16	<0.5	17	61	85	5.93
364693		1.17	0.009	0.4	0.78	61	<10	10	<0.5	<2	0.35	0.5	7	7	75	3.96
364694		0.87	0.014	0.4	1.04	2	<10	10	<0.5	<2	0.95	<0.5	29	33	452	3.76
364695		0.77	<0.005	2.8	1.14	17	<10	10	<0.5	7	0.65	<0.5	1340	41	305	24.2
364696		0.93	0.021	0.5	2.94	2	<10	30	<0.5	<2	1.12	<0.5	45	124	87	6.68
364697		0.29	0.061	0.7	1.34	58	<10	10	<0.5	<2	1.90	<0.5	9	28	46	3.06
364698		0.99	0.071	1.8	1.33	2030	<10	10	<0.5	<2	0.88	<0.5	45	37	62	9.04
364699		0.68	<0.005	<0.2	0.77	13	<10	10	<0.5	<2	0.41	<0.5	2	6	20	2.81
364700		0.94	0.013	2.2	2.14	<2	<10	20	<0.5	<2	0.96	<0.5	15	20	41	6.70
376952		0.99	0.304	0.5	1.50	2	<10	<10	<0.5	<2	1.04	<0.5	40	22	472	6.65
376953		1.30	0.018	<0.2	0.05	7330	<10	<10	<0.5	<2	0.06	<0.5	2	12	67	0.97
376954		0.64	<0.005	<0.2	1.00	22	<10	10	<0.5	<2	0.51	<0.5	6	55	1	1.53
376955		1.02	0.096	0.5	1.50	4	<10	10	<0.5	<2	1.18	<0.5	12	17	160	8.33
376956		0.73	<0.005	<0.2	0.17	10	<10	<10	<0.5	<2	0.07	<0.5	2	10	28	0.63
376957		0.89	0.005	<0.2	0.03	4	<10	<10	<0.5	<2	0.02	<0.5	1	13	25	0.34
376958		0.69	0.006	0.2	1.22	86	<10	30	<0.5	<2	0.41	<0.5	11	19	38	5.89
376959		0.69	0.021	0.4	2.13	104	<10	30	<0.5	<2	0.84	0.8	15	33	66	9.35
376960		0.93	0.005	0.2	1.37	<2	<10	10	<0.5	<2	1.11	<0.5	35	21	250	6.94
376961		0.52	0.005	<0.2	2.16	<2	<10	70	<0.5	<2	0.79	<0.5	45	136	134	6.33
376962		1.40	0.036	0.2	2.32	6	<10	10	<0.5	<2	1.01	<0.5	9	46	91	5.52
376963		0.84	0.097	0.9	2.67	45	<10	10	0.5	2	0.18	<0.5	26	59	52	14.40
376964		0.84	0.693	2.4	2.62	>10000	10	10	<0.5	4	0.06	<0.5	48	7	71	19.5
376965		0.53	0.046	1.3	1.20	333	<10	10	<0.5	3	0.06	1.1	14	8	58	16.5
376966		0.73	<0.005	0.2	0.23	110	<10	<10	<0.5	<2	0.25	<0.5	3	11	9	9.17
376967		1.04	0.017	0.8	2.13	43	<10	20	<0.5	<2	1.19	<0.5	8	68	41	10.85
376968		0.87	0.027	0.4	0.24	11	<10	<10	<0.5	<2	0.08	<0.5	4	9	42	8.45
376969		0.63	0.007	0.4	2.35	<2	<10	10	<0.5	2	0.44	<0.5	19	32	186	11.05
376970		1.24	<0.005	<0.2	0.18	4	<10	10	<0.5	<2	1.30	<0.5	1	11	6	0.77
376971		1.30	0.047	0.4	1.60	<2	<10	10	<0.5	<2	1.43	<0.5	18	23	434	5.42
376972		0.81	<0.005	<0.2	0.53	3	<10	<10	<0.5	<2	0.42	<0.5	5	80	2	0.86
376973		1.14	<0.005	<0.2	1.59	<2	<10	10	<0.5	<2	2.34	<0.5	5	28	21	10.40
376974		0.50	0.009	0.5	1.62	<2	<10	30	<0.5	<2	1.17	<0.5	15	9	323	8.74
378859		0.49	0.048	<0.2	0.17	891	<10	<10	<0.5	<2	0.09	<0.5	1	14	6	1.21
378860		0.72	0.022	<0.2	0.17	366	<10	20	<0.5	2	0.07	<0.5	2	10	12	8.51
378861		0.42	0.179	0.4	0.45	3660	<10	10	<0.5	<2	0.11	<0.5	29	12	50	6.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
364687		<10	<1	0.16	10	0.81	266	<1	0.05	20	360	4	0.09	<2	2	9
364688		<10	<1	0.04	<10	0.34	142	<1	0.04	13	280	8	0.15	<2	1	9
364689		<10	<1	0.12	10	0.41	609	2	0.04	90	400	8	>10.0	<2	2	9
364690		<10	<1	0.15	10	0.37	306	2	0.02	11	560	9	1.04	<2	2	11
364691		<10	<1	0.12	<10	0.12	110	3	0.01	2	240	8	0.61	<2	1	3
364692		<10	<1	0.13	10	1.18	434	1	0.02	50	510	4	2.19	<2	4	5
364693		<10	<1	0.09	10	0.53	328	1	0.05	11	360	25	1.56	<2	4	10
364694		<10	<1	0.04	<10	0.53	580	<1	0.10	35	400	<2	1.06	<2	5	6
364695		<10	<1	0.07	<10	0.45	300	1	0.02	232	170	20	>10.0	<2	4	9
364696		10	1	0.21	10	1.54	439	1	0.08	77	670	16	1.66	<2	20	21
364697		<10	<1	0.09	10	0.18	168	<1	0.01	12	1110	11	1.48	<2	2	16
364698		<10	<1	0.10	10	0.88	688	1	0.03	68	670	13	5.12	21	5	7
364699		<10	<1	0.15	10	0.57	374	<1	0.02	5	400	5	1.51	<2	2	9
364700		10	<1	0.39	10	1.02	895	1	0.19	35	500	23	4.09	<2	6	38
376952		<10	<1	0.03	<10	0.71	1390	<1	0.06	46	310	<2	1.88	<2	4	4
376953		<10	<1	0.01	<10	0.02	59	<1	<0.01	2	10	<2	0.33	<2	<1	1
376954		<10	<1	0.04	<10	0.51	413	<1	0.01	39	100	<2	0.01	<2	3	7
376955		<10	<1	0.04	10	0.53	1300	<1	0.10	21	400	<2	1.20	<2	6	11
376956		<10	<1	<0.01	<10	0.11	71	<1	0.01	1	20	<2	0.01	<2	1	1
376957		<10	<1	<0.01	<10	0.02	25	<1	<0.01	1	10	<2	<0.01	<2	<1	1
376958		<10	<1	0.14	10	0.59	552	1	0.04	23	460	6	2.12	<2	3	10
376959		10	<1	0.15	10	0.99	988	1	0.11	25	360	17	2.14	<2	12	37
376960		<10	<1	0.04	<10	0.41	1900	<1	0.10	34	350	<2	2.14	<2	5	4
376961		10	<1	0.38	<10	1.11	515	<1	0.17	121	410	<2	3.53	<2	19	33
376962		10	<1	0.07	10	0.98	1150	<1	0.07	32	310	<2	0.34	<2	3	5
376963		10	<1	0.01	<10	1.28	1810	<1	<0.01	25	210	2	4.17	<2	12	4
376964		10	<1	0.08	10	1.32	895	2	<0.01	14	410	10	3.16	<2	5	3
376965		<10	<1	0.06	<10	0.76	492	1	0.01	17	280	18	4.42	3	3	2
376966		<10	<1	<0.01	<10	0.18	477	<1	<0.01	5	210	<2	0.56	<2	1	2
376967		10	<1	0.04	<10	0.64	932	<1	0.11	17	290	13	1.15	<2	6	35
376968		<10	<1	0.01	<10	0.10	170	<1	<0.01	6	240	2	0.26	<2	1	1
376969		10	<1	0.07	<10	2.12	391	<1	0.06	58	500	<2	0.99	<2	4	18
376970		<10	<1	<0.01	10	0.08	1430	<1	0.01	1	50	<2	<0.01	<2	2	23
376971		<10	<1	0.05	10	0.58	994	<1	0.15	30	430	<2	0.41	<2	7	12
376972		<10	<1	0.03	<10	0.42	158	<1	0.01	23	240	<2	<0.01	<2	1	5
376973		10	<1	0.03	10	0.64	2090	<1	0.06	18	340	<2	0.06	<2	3	20
376974		<10	<1	0.15	10	0.51	899	1	0.11	14	330	6	1.52	<2	4	9
378859		<10	<1	0.01	<10	0.07	371	<1	<0.01	3	100	<2	0.08	<2	<1	2
378860		<10	<1	0.03	<10	0.06	527	<1	<0.01	3	200	<2	0.20	<2	<1	7
378861		<10	<1	0.05	<10	0.16	511	<1	<0.01	33	470	<2	2.25	<2	1	7

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
364687		<20	0.07	<10	<10	22	<10	24	<10
364688		<20	0.03	<10	<10	12	<10	9	<10
364689		<20	0.04	<10	<10	9	<10	203	<10
364690		<20	0.08	<10	<10	10	<10	40	<10
364691		<20	0.08	<10	<10	4	<10	16	<10
364692		<20	0.09	<10	<10	43	<10	75	<10
364693		<20	0.05	<10	<10	17	<10	142	<10
364694		<20	0.10	<10	<10	43	<10	31	<10
364695		<20	0.05	<10	<10	46	<10	77	<10
364696		<20	0.19	<10	<10	174	<10	165	<10
364697		<20	0.08	<10	<10	28	<10	18	<10
364698		<20	0.09	<10	<10	48	<10	102	<10
364699		<20	0.05	<10	<10	15	<10	167	<10
364700		<20	0.10	<10	<10	54	<10	111	<10
376952		<20	0.06	<10	<10	34	<10	40	<10
376953		<20	<0.01	<10	<10	1	<10	2	<10
376954		<20	0.03	<10	<10	26	<10	29	<10
376955		<20	0.09	<10	<10	48	<10	28	<10
376956		<20	0.01	<10	<10	11	<10	5	<10
376957		<20	<0.01	<10	<10	2	<10	2	<10
376958		<20	0.08	<10	<10	22	<10	95	<10
376959		<20	0.16	<10	<10	105	<10	328	<10
376960		<20	0.05	<10	<10	33	<10	20	<10
376961		<20	0.21	<10	<10	177	<10	41	<10
376962		<20	0.05	<10	<10	25	<10	300	<10
376963		<20	0.10	<10	<10	85	<10	118	<10
376964		<20	0.03	<10	<10	28	<10	206	<10
376965		<20	<0.01	<10	<10	18	<10	288	<10
376966		<20	0.01	<10	<10	12	<10	11	<10
376967		<20	0.04	<10	<10	109	<10	81	<10
376968		<20	0.01	<10	<10	12	<10	6	<10
376969		<20	0.07	<10	<10	60	<10	61	<10
376970		<20	<0.01	<10	<10	4	<10	4	<10
376971		<20	0.07	<10	<10	50	<10	26	<10
376972		<20	0.01	<10	<10	12	<10	11	<10
376973		<20	0.05	<10	<10	34	<10	14	<10
376974		<20	0.12	<10	<10	23	<10	32	<10
378859		<20	0.01	<10	<10	4	<10	4	<10
378860		<20	0.01	<10	<10	8	<10	2	<10
378861		<20	0.05	<10	<10	11	<10	27	<10

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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
378862		0.87	<0.005	<0.2	0.58	11	<10	10	<0.5	<2	1.21	<0.5	9	53	5	1.36
378863		0.67	<0.005	<0.2	1.84	4	<10	20	<0.5	<2	1.41	<0.5	11	35	2	3.46
378864		0.73	0.011	0.2	3.33	11	<10	40	<0.5	<2	2.95	<0.5	25	53	45	6.60
378865		0.64	<0.005	<0.2	0.54	406	<10	10	<0.5	<2	0.16	<0.5	4	19	58	2.23
378866		0.46	<0.005	<0.2	3.19	9	<10	80	<0.5	<2	2.73	<0.5	24	115	45	4.63
378867		0.71	0.007	<0.2	1.64	64	<10	10	<0.5	<2	0.90	<0.5	33	29	46	4.77
378868		0.54	0.006	<0.2	1.55	49	<10	20	<0.5	<2	0.38	<0.5	14	93	41	3.35
378869		0.58	0.005	<0.2	1.39	1095	<10	20	<0.5	<2	0.61	<0.5	13	95	52	2.97
378870		0.44	<0.005	<0.2	0.13	18	<10	<10	<0.5	<2	0.05	<0.5	1	18	1	0.58
378871		0.49	<0.005	<0.2	1.34	774	<10	70	<0.5	<2	0.53	<0.5	15	125	17	2.96
378872		0.67	0.008	0.5	0.95	103	<10	90	<0.5	<2	0.17	<0.5	5	7	44	2.03
378873		0.64	0.009	0.6	1.22	1590	<10	60	<0.5	<2	0.22	<0.5	1	6	30	2.85
378874		0.28	0.054	0.2	1.72	16	<10	60	<0.5	<2	1.51	<0.5	192	97	15	11.30
378875		1.07	0.029	0.2	1.51	6	<10	60	<0.5	2	1.29	<0.5	30	86	68	17.3
378876		0.31	<0.005	<0.2	0.12	2	<10	<10	<0.5	<2	0.08	<0.5	1	11	2	0.42
378951		0.91	0.012	1.8	0.27	5	<10	20	<0.5	<2	0.03	<0.5	24	14	49	3.97
378952		0.71	0.039	0.4	0.78	213	<10	10	<0.5	4	0.32	<0.5	29	32	44	12.85
378953		0.58	<0.005	<0.2	0.51	<2	<10	<10	<0.5	<2	0.16	<0.5	7	19	35	2.00
378954		1.03	<0.005	<0.2	0.75	<2	<10	10	<0.5	<2	0.34	<0.5	2	27	13	2.06
378955		0.93	<0.005	0.4	2.20	<2	<10	100	<0.5	<2	1.21	<0.5	12	31	60	6.18
378956		0.62	0.013	0.3	0.58	13	<10	10	<0.5	<2	0.29	<0.5	8	27	33	4.83
378957		0.99	<0.005	0.7	1.31	33	<10	10	<0.5	<2	0.23	<0.5	66	3	57	12.10
378958		0.87	<0.005	0.2	1.98	3	<10	50	<0.5	<2	1.18	<0.5	7	179	51	6.57
378959		1.05	0.020	0.7	1.30	148	<10	30	<0.5	<2	0.63	<0.5	163	99	110	23.1
378960		0.89	0.009	0.9	0.72	161	<10	10	<0.5	<2	0.30	<0.5	22	31	184	30.3
378961		1.09	<0.005	<0.2	0.60	3	<10	10	<0.5	<2	0.47	<0.5	1	14	5	1.09
378962		0.81	0.384	1.2	0.27	13	<10	10	<0.5	<2	0.14	<0.5	6	13	50	2.86
378963		0.71	0.007	0.3	1.50	366	<10	20	<0.5	<2	0.72	<0.5	17	27	40	7.35
378964		0.93	<0.005	<0.2	2.79	2	<10	30	<0.5	<2	1.80	<0.5	23	217	74	5.49
378965		0.95	<0.005	0.4	0.89	124	<10	10	0.6	<2	0.33	<0.5	27	13	32	6.28
378966		0.62	0.041	0.7	1.72	10	<10	30	<0.5	<2	1.19	<0.5	30	72	339	5.76
378967		1.53	<0.005	0.6	0.79	366	<10	10	0.7	<2	0.24	<0.5	22	9	58	8.02
378968		0.96	0.010	0.3	1.24	<2	<10	10	<0.5	<2	1.33	<0.5	8	16	90	4.86
378969		1.24	0.005	0.2	0.67	2	<10	10	<0.5	<2	5.23	<0.5	2	4	20	2.79
379119		0.75	<0.005	<0.2	0.67	5	<10	<10	<0.5	<2	0.49	<0.5	7	35	2	1.23
379120		0.63	0.035	<0.2	0.29	2	<10	<10	<0.5	<2	0.24	<0.5	2	11	11	0.65
379121		1.15	<0.005	<0.2	1.13	2	<10	10	<0.5	<2	0.22	<0.5	6	21	43	3.23
379122		0.55	<0.005	<0.2	0.90	3	<10	<10	<0.5	<2	0.48	<0.5	9	7	28	1.76
379123		0.84	<0.005	0.3	2.05	3	<10	10	<0.5	<2	1.32	<0.5	15	72	1470	7.32
379124		0.65	<0.005	<0.2	1.33	<2	<10	30	<0.5	<2	1.08	<0.5	10	22	1	1.87

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North Vancouver BC V7H 0A7
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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
378862		<10	<1	0.04	20	0.39	317	<1	0.06	26	1920	<2	0.01	<2	3	18
378863		10	<1	0.10	20	0.91	810	<1	0.07	35	1580	<2	0.01	<2	5	22
378864		10	<1	0.14	30	1.67	1360	1	0.08	60	2680	<2	0.29	<2	7	56
378865		<10	<1	0.04	<10	0.28	304	<1	0.01	8	260	<2	0.46	<2	1	5
378866		10	<1	0.22	20	2.29	619	<1	0.06	87	500	3	0.10	<2	12	59
378867		10	<1	0.05	<10	0.93	659	<1	0.10	32	310	<2	0.74	<2	10	5
378868		10	<1	0.10	30	1.06	448	1	0.03	46	420	19	0.12	<2	6	12
378869		10	<1	0.08	30	0.96	413	1	0.04	43	380	8	0.12	<2	6	14
378870		<10	<1	0.02	<10	0.09	77	<1	0.01	5	60	2	<0.01	<2	1	3
378871		10	<1	0.24	30	0.94	424	1	0.06	52	640	11	0.08	<2	7	27
378872		10	<1	0.38	10	0.65	204	1	0.04	3	260	30	0.21	<2	6	5
378873		10	<1	0.55	20	0.50	559	1	0.04	3	110	93	0.28	<2	5	7
378874		10	<1	0.20	10	0.76	1430	<1	0.14	62	1630	4	6.65	<2	7	60
378875		<10	<1	0.12	20	0.59	1260	1	0.11	146	1890	<2	7.03	<2	5	76
378876		<10	<1	0.01	<10	0.07	46	<1	<0.01	4	40	<2	0.02	<2	<1	4
378951		<10	<1	0.11	<10	0.08	55	1	0.01	20	330	3	1.01	<2	1	6
378952		<10	<1	0.05	10	0.55	544	<1	0.02	32	180	19	>10.0	<2	5	4
378953		<10	<1	0.02	<10	0.27	199	<1	0.01	8	70	<2	0.29	<2	3	2
378954		<10	<1	0.04	<10	0.28	347	<1	<0.01	6	160	<2	0.09	<2	2	3
378955		10	<1	0.35	10	0.57	959	<1	0.15	15	480	2	0.71	<2	4	39
378956		<10	<1	0.10	<10	0.40	469	1	0.02	8	240	7	1.95	<2	3	3
378957		10	<1	0.05	10	1.07	959	1	0.02	28	410	12	7.40	3	6	4
378958		<10	<1	0.24	<10	1.10	811	<1	0.12	24	240	6	3.11	3	10	28
378959		<10	<1	0.17	<10	0.76	740	1	0.02	64	130	18	>10.0	6	8	11
378960		<10	<1	0.07	<10	0.34	467	1	0.01	91	130	15	>10.0	3	4	4
378961		<10	<1	0.06	<10	0.29	177	<1	<0.01	2	100	<2	0.25	<2	1	5
378962		<10	<1	0.05	<10	0.17	176	<1	0.01	16	230	28	1.48	2	1	4
378963		10	<1	0.08	10	0.68	831	3	0.06	22	290	4	1.36	<2	5	10
378964		10	<1	0.17	<10	1.66	1215	<1	0.23	47	230	12	2.13	2	8	59
378965		<10	<1	0.08	10	0.65	757	1	0.01	15	440	4	3.01	<2	2	2
378966		<10	<1	0.08	<10	0.85	1160	<1	0.12	56	190	2	1.40	2	8	6
378967		<10	<1	0.09	10	0.77	770	2	<0.01	20	1330	9	4.89	<2	2	3
378968		<10	<1	0.05	10	0.49	1170	<1	0.13	13	490	<2	0.93	<2	5	19
378969		<10	<1	0.02	<10	0.25	4410	<1	0.07	2	460	<2	0.11	<2	3	205
379119		<10	<1	0.04	<10	0.32	296	<1	0.04	11	90	<2	0.02	<2	4	3
379120		<10	<1	0.02	<10	0.17	124	<1	0.01	3	50	<2	0.01	<2	1	2
379121		<10	<1	0.02	<10	0.48	467	<1	0.02	8	130	<2	0.39	<2	2	2
379122		<10	1	0.01	<10	0.72	244	<1	0.03	6	190	<2	0.03	<2	1	3
379123		<10	<1	0.06	<10	0.67	986	<1	0.14	30	200	<2	1.02	<2	9	2
379124		10	<1	0.08	10	1.36	408	<1	0.04	23	420	4	0.15	<2	3	14

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Finalisée date: 9- SEPT- 2014
Compte: MINVIR

Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378862		<20	0.14	<10	<10	41	<10	45	<10
378863		<20	0.15	<10	<10	61	<10	53	<10
378864		<20	0.20	<10	<10	96	<10	75	<10
378865		<20	0.04	<10	<10	11	<10	12	<10
378866		<20	0.19	<10	<10	116	<10	78	<10
378867		<20	0.11	<10	<10	98	<10	50	<10
378868		<20	0.16	<10	<10	56	<10	76	<10
378869		<20	0.15	<10	<10	55	<10	56	<10
378870		<20	0.02	<10	<10	6	<10	6	<10
378871		<20	0.21	<10	<10	59	<10	46	<10
378872		<20	0.07	<10	<10	27	<10	92	<10
378873		<20	0.08	<10	<10	2	<10	92	<10
378874		<20	0.15	<10	<10	70	<10	40	<10
378875		<20	0.11	<10	<10	59	<10	31	<10
378876		<20	0.01	<10	<10	5	<10	2	<10
378951		<20	0.02	<10	<10	8	<10	33	<10
378952		<20	0.04	<10	<10	29	<10	64	<10
378953		<20	0.03	<10	<10	24	<10	12	<10
378954		<20	0.03	<10	<10	18	<10	22	<10
378955		<20	0.13	<10	<10	36	<10	64	<10
378956		<20	0.10	<10	<10	24	<10	19	<10
378957		<20	0.15	<10	<10	28	<10	51	<10
378958		<20	0.10	<10	<10	119	<10	61	<10
378959		<20	0.05	<10	<10	62	<10	81	<10
378960		<20	0.02	<10	<10	26	<10	40	<10
378961		<20	0.03	<10	<10	15	10	15	<10
378962		<20	0.03	<10	<10	10	<10	11	<10
378963		<20	0.10	<10	<10	30	<10	71	<10
378964		<20	0.14	<10	<10	119	<10	133	<10
378965		<20	0.06	<10	<10	12	<10	182	<10
378966		<20	0.08	<10	<10	54	<10	20	<10
378967		<20	0.04	<10	<10	11	<10	63	<10
378968		<20	0.06	<10	<10	29	<10	20	<10
378969		<20	0.01	<10	<10	15	<10	9	<10
379119		<20	0.04	<10	<10	29	<10	16	<10
379120		<20	0.01	<10	<10	14	<10	8	<10
379121		<20	0.03	<10	<10	26	<10	41	<10
379122		<20	0.01	<10	<10	19	<10	30	<10
379123		<20	0.08	<10	<10	65	<10	30	<10
379124		<20	0.11	<10	<10	32	<10	42	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2014
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Projet: BLACK DOG

CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
379125		0.90	<0.005	<0.2	0.98	<2	<10	10	<0.5	<2	1.87	<0.5	5	15	16	1.69
379126		0.70	<0.005	<0.2	1.63	3	<10	10	<0.5	<2	0.17	<0.5	7	27	42	2.08
379127		1.07	<0.005	0.2	2.28	<2	<10	20	<0.5	<2	1.32	<0.5	12	30	112	5.90
379128		0.60	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	0.04	<0.5	1	10	1	0.29
379129		0.54	0.005	0.2	1.04	6	<10	30	<0.5	<2	0.05	<0.5	10	32	117	3.16
379130		0.50	<0.005	0.2	1.67	11	<10	20	<0.5	<2	0.04	<0.5	10	30	46	3.32
379131		0.96	0.006	<0.2	2.47	3	<10	90	<0.5	<2	0.68	<0.5	22	33	126	5.06
379132		0.58	<0.005	<0.2	1.24	9	<10	<10	<0.5	<2	0.05	<0.5	6	29	6	2.41
379133		0.93	<0.005	<0.2	0.63	7	<10	20	<0.5	<2	0.05	<0.5	4	20	59	1.54

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CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
379125		<10	<1	0.09	10	0.85	504	<1	0.01	7	110	<2	0.04	<2	1	11
379126		<10	<1	0.09	<10	1.70	287	<1	<0.01	16	490	<2	0.03	<2	4	1
379127		<10	<1	0.10	<10	0.99	1125	<1	0.09	41	370	<2	0.92	<2	5	10
379128		<10	<1	0.01	<10	0.03	40	<1	<0.01	1	10	<2	<0.01	<2	<1	1
379129		<10	<1	0.12	<10	0.70	228	15	0.01	30	210	2	0.58	<2	2	1
379130		<10	<1	0.11	<10	1.64	297	6	<0.01	43	230	<2	0.34	<2	3	2
379131		10	<1	0.58	10	1.36	770	<1	0.05	44	400	4	0.55	<2	11	7
379132		<10	<1	0.01	<10	1.43	228	8	<0.01	14	160	<2	0.09	<2	2	1
379133		<10	<1	0.10	<10	0.41	148	2	<0.01	10	130	<2	0.05	<2	1	2

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CERTIFICAT D'ANALYSE VO14130482

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
379125		<20	0.01	<10	<10	9	<10	18	<10
379126		<20	0.04	<10	<10	40	<10	25	<10
379127		<20	0.08	<10	<10	28	<10	37	<10
379128		<20	<0.01	<10	<10	2	<10	<2	<10
379129		<20	0.03	<10	<10	28	<10	15	<10
379130		<20	0.02	<10	<10	34	<10	20	<10
379131		<20	0.20	<10	<10	81	<10	80	<10
379132		<20	0.01	<10	<10	29	<10	19	<10
379133		<20	0.02	<10	<10	18	<10	11	<10

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CERTIFICAT D'ANALYSE VO14130482

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP41