TECHNICAL REPORT

FOR

SURREY CAPITAL CORPORATION

ON THE

HALLE TOWNSHIP PROPERTY

WINNEWAY AREA, COUNTY OF TEMISCAMINGUE
QUEBEC, CANADA

NTS REFERENCE: 31-M-08

Report for NI 43-101

By

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December 15, 2012

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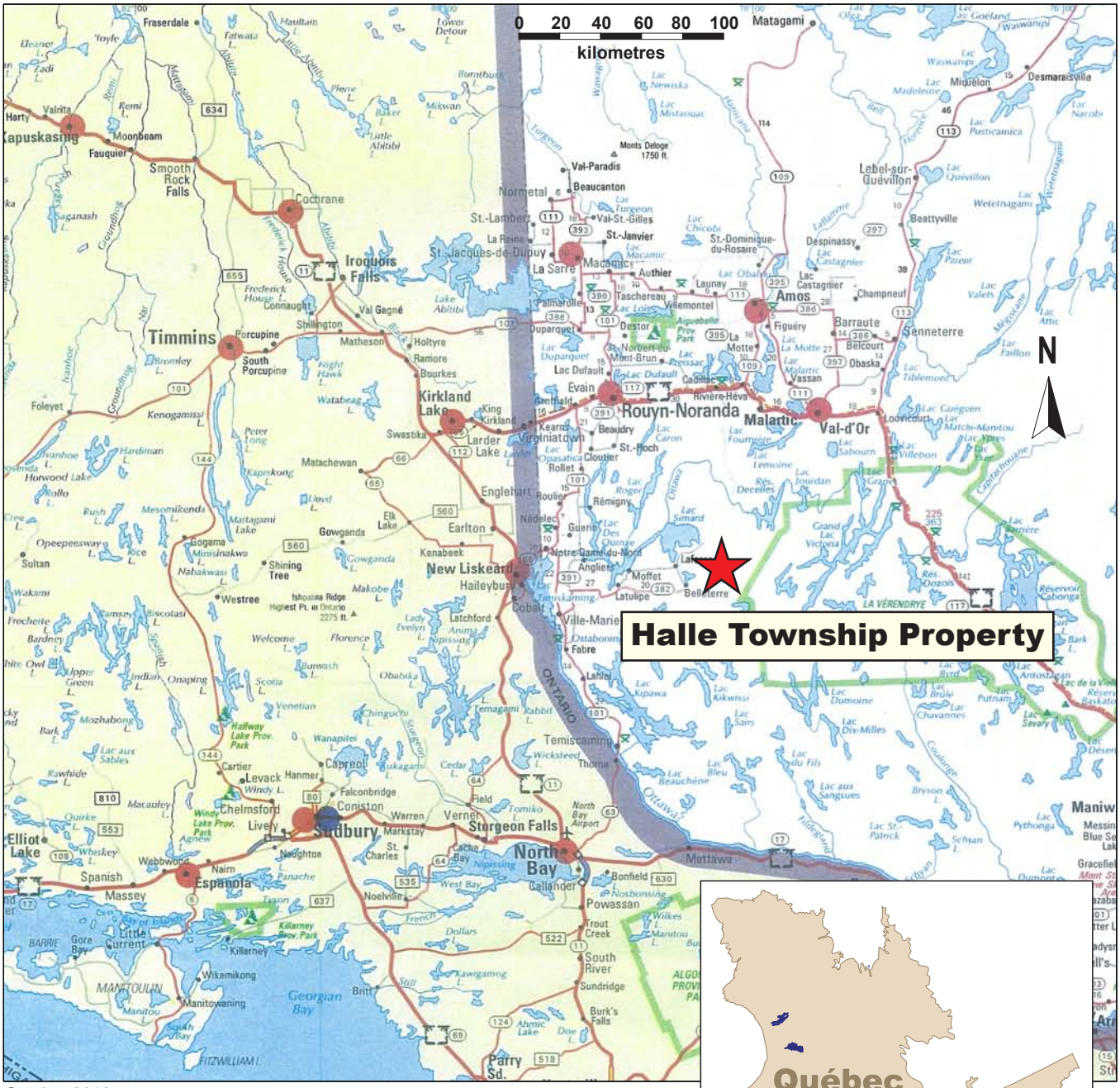

October 2012

Figure 1

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Regional Location

4.0 SUMMARY

Surrey Capital Corporation ("Surrey") has recently negotiated the right to earn a 50 percent interest in what is referred to as the Halle Township Property, in a Letter of Understanding ("LOU") which sets out the principal terms of the proposed transaction, or option, between Surrey Capital Corporation (the "Optionee" and Richmond Minerals Inc. (Richmond) and Mag Copper Limited (Mag), jointly the "Optionors"). At the present time the Optionors, through a joint venture agreement, each own a 50 percent interest in the subject property. The property is located near Belleterre in southwestern Quebec. Richmond was the operator of the joint venture. During 2010, Richmond completed a preliminary exploration programme on the property including, line cutting, ground geophysical surveys and diamond drilling.

The property consists of 34 contiguous unpatented mining claims comprised of 1,980 hectares, more or less, in Halle Township, NTS map sheet 31-M-08. It lies approximately 22 kilometres east-northeast of the community of Belleterre and can be accessed via Route 816 and a secondary or tertiary bush road that intersects Route 816 some 30 kilometres east of Winneway, Quebec.

Two separate grids were cut, chained and picketed on the property and are referred to as the north and south grids. A total of 61.3 line-kilometres (45.1 for the north grid, 16.2 for the south grid) were cut in the winter of 2010. Geophysique TMC of Val d'Or, Quebec completed a total field magnetic survey (mag) and a horizontal loop electromagnetic (EM) survey on each of the grids at the property between May and June 2010. Anomalous magnetic and EM responses were recorded in the surveys on each grid, and several drilling targets were identified.

Richmond undertook a diamond drill programme from September 9 to October 15, 2010 to test the targets identified from interpretation of the ground geophysical data.

The drilling contractor was Magma Drilling of Rouyn-Noranda, Quebec. A total of 1,613.32 lineal meters of diamond drilling in seven holes (RMDH-10.01 to RMDH-10-07) were completed.

Results from the diamond-drilling programme determined that the sources of the anomalous geophysical trends on the north and south grid areas of the property are sulphide-mineralized deformation zones related to local faulting. These faults are also found along lithological boundaries between the metavolcanic units in the northwestern portion of the property, and the metasedimentary units in the southeastern part.

The sulphide mineralization associated with these contact/fault zones is carrying elevated values of zinc and nickel, particularly in the central part of the north grid between holes RMDH-10-04 and RMDH-10-02. Although not ore grade, these values are significant.

Based on these conclusions, additional diamond drilling is recommended. In particular, holes should be drilled from the same collar locations as RMDH-01, -02 and -04, along the same azimuths, but at inclinations of minus 60 degrees, to minimum depths of 350 metres. Also, a fourth hole should be drilled on the North Grid with the collar located at 700 South and 175 West, along an azimuth of 60 degrees and an inclination of minus 60 degrees, to a minimum depth of 350 metres.

Finally, down-hole electromagnetic surveys should be conducted, immediately following the completion of each drill-hole.

The total estimated cost of the recommended programme is $200,900.00.

5.0 INTRODUCTION AND TERMS OF REFERENCE

On September 28, 2012 the author was commissioned by Surrey Capital Corporation ("Surrey") to provide an independent technical report on the Halle Township Property. The property was an exploration target for Richmond Minerals Inc. ("Richmond") and Mag Copper Limited under a joint venture ("JV") agreement. This report is for the use of Surrey and was prepared by this author.

The author is familiar with the area as a result of previous work in it. The report is based on a site visit which was conducted on October 3, 2012, and an examination of the stored core at Moffat, Quebec that was carried out on October 4, 2012. In addition personal data, Quebec Ministry of Natural Resources data, and other public and private data germane to an assessment of the property were employed; all of which are believed to be authentic and reliable.

The site visit included an assessment of access to the property; several drill sites, and three small separate outcrops of sedimentary origin. Access to the extreme northwest part of the property was temporarily inaccessible due to local flooding.

The terms of reference for this report are to describe and assess prior work on the property and recommendations to assess its economic potential.

The salient terms of the option agreement between Surrey as optionor, and Richmond and Mag Copper Limited as optionees are that the optionor will pay to the optionees $17,500 in cash, and issue 600,000 common shares over a period of two years, and perform $200,000 in exploration and development expenditures to earn a 51% interest in the property.

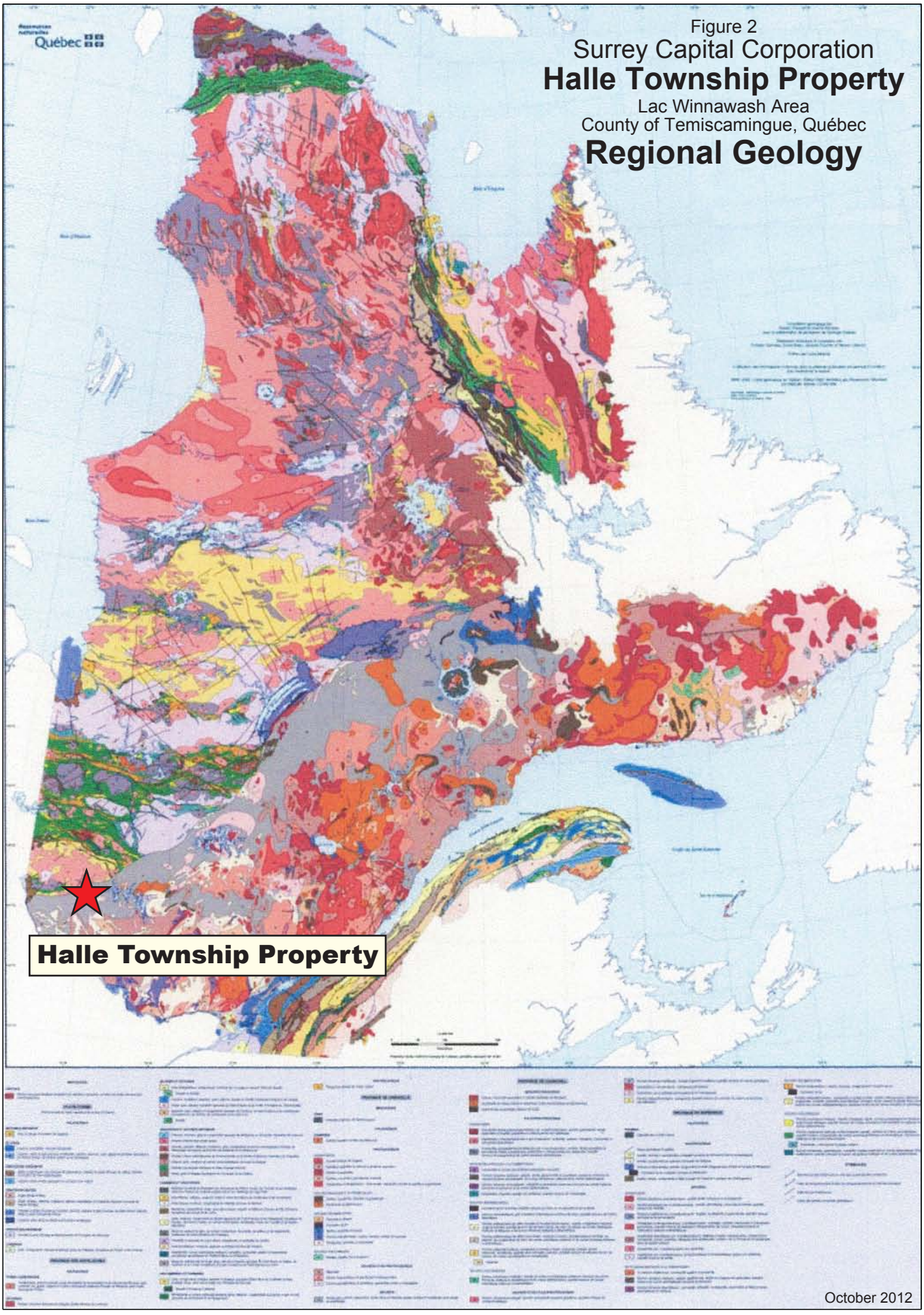
Figure 2
Surrey Capital Corporation
Halle Township Property
Lac Winnawash Area
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Regional Geology
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6.0 DISCLAIMER

The author has relied upon Warren Hawkins, P. Eng., Exploration Manager for Richmond Minerals Inc. and a qualified person, for information regarding the current status of legal title of the subject property, property agreements, corporate structure, and any outstanding environmental orders.

7.0 PROPERTY DESCRIPTION AND ACCESS

The Halle Property is located in Halle Township, County of Temiscamingue, Quebec approximately 100 kilometres south of Rouyn-Noranda and 20 kilometres east north-east of the town of Belleterre. It consists of 34 contiguous, unpatented mining claims comprising 1,980 hectares (4,950 acres) more or less, in the south-central part of the township. The area is included on the Lac Winnawash map sheet (N.T.S. 31-M-8).

The centre of the property lies, approximately, at 47°27°30" North Latitude and 78°24°30" West Longitude. The eight most westerly claims of the group cover a large part of Lake Winneway.

All claims comprising the property expire at 23:59 hours on their respective expiry dates, unless the required steps for renewal area taken and approved before expiry. Claim numbers along with respective area of the claims, expiry date, excess work credits, and work requirements for renewal area presented as Table 1 in this report.

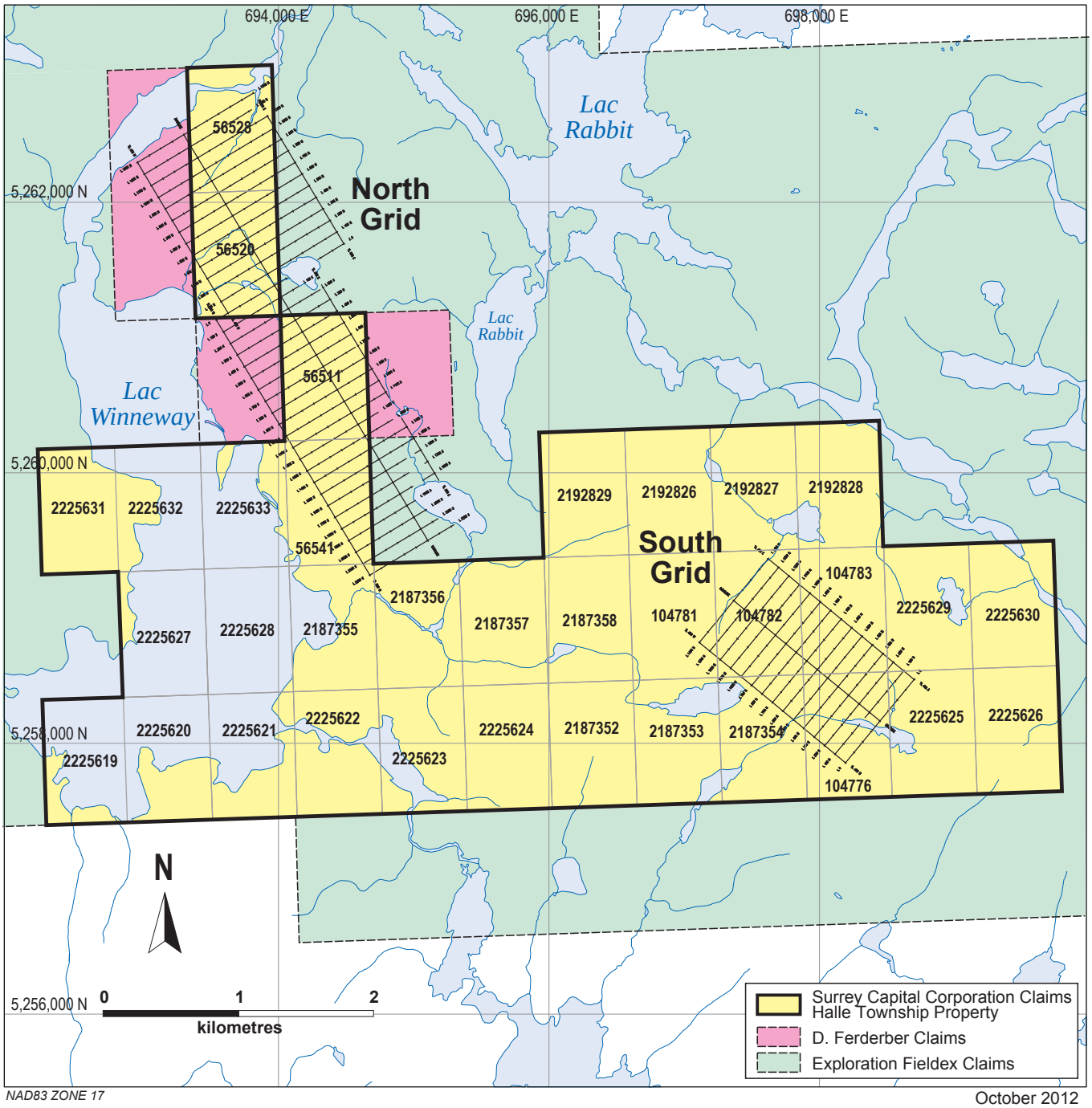


Figure 3

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area, County of Temiscamingue, Québec

Claims Location Map

TABLE 1: Claim Numbers, Expiry Dates, Areas, Excess Work Credits and Renewal Work Requirements

Claim No.	Expiry Date		Area (Ha)	Excess Work ($)	Required Work ($)
56511	10/02/2013	23:59	58.21	173,529	1,800
56520	10/02/2013	23:59	58.2	65,763.26	1,800
56528	10/02/2013	23:59	58.19	16,617	1,800
56541	10/02/2013	23:59	58.22	15,247	1,800
104776	27/11/2013	23:59	58.24	99,402.16	1,800
104781	27/11/2013	23:59	58.23	171	1,800
104782	27/11/2013	23:59	58.23	62,535	1,800
104783	27/11/2013	23:59	58.23	11,135	1,800
2187352	26/08/2013	23:59	58.24	0	1,200
2187353	26/08/2013	23:59	58.24	0	1,200
2187354	26/08/2013	23:59	58.24	4,282	1,200
2187355	26/08/2013	23:59	58.23	0	1,200
2187356	26/08/2013	23:59	58.23	0	1,200
2187357	26/08/2013	23:59	58.23	0	1,200
2187358	26/08/2013	23:59	58.23	0	1,200
2192826	26/10/2013	23:59	58.22	0	1,200
2192827	26/10/2013	23:59	58.22	0	1,200
2192828	26/10/2013	23:59	58.22	0	1,200
2192829	26/10/2013	23:59	58.22	0	1,200
2225619	02/05/2014	23:59	58.24	0	1,200
2225620	02/05/2014	23:59	58.24	0	1,200
2225621	02/05/2014	23:59	58.24	0	1,200
2225622	02/05/2014	23:59	58.24	0	1,200
2225623	02/05/2014	23:59	58.24	0	1,200
2225624	02/05/2014	23:59	58.24	0	1,200
2225625	02/05/2014	23:59	58.24	171	1,200
2225626	02/05/2014	23:59	58.24	0	1,200
2225627	02/05/2014	23:59	58.23	0	1,200
2225628	02/05/2014	23:59	58.23	0	1,200
2225629	02/05/2014	23:59	58.23	0	1,200
2225630	02/05/2014	23:59	58.23	0	1,200
2225631	02/05/2014	23:59	58.22	0	1,200
2225632	02/05/2014	23:59	58.22	0	1,200
2225633	02/05/2014	23:59	58.22	0	1,200
34			1,979.77	$168,002.29	$45,600

8.0 ACCESSIBILITY, CLIMATE, LOCAL RESOUCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Halle Property is located in Halle Township, County of Temiscamingue, Quebec approximately 100 kilometres (60 miles) south southeast of the City of Rouyn-Noranda (see Fig. 1)

Access to the property, from Rouyn-Noranda, is via provincial highways 391 and 382 to the town of Belleterre, a secondary road from Belleterre to the hamlet of La Force and finally, along unmapped country and tertiary bush roads to the property. The route distance between Rouyn-Noranda and Belleterre is 155 kilometres (97 miles).

The First Nation community of Winneway, 180 kilometres along the same general route from Rouyn-Noranda, provides a source for automotive fuel and groceries. It can also provide certain labour requirements (line cutters, etc.), road maintenance and forestry services.

At the present time there are no infrastructural or other facilities on or in the immediate vicinity of the property including electricity, communications, or transportation.

Climatic conditions in the region can vary widely. Summer temperatures can rise up to 35^{o}C (95^{0}F) and plunge as low as -45^{o}C (-50^{o}F) during the months of December, January and February. The average annual precipitation – snow and rain – in the area is 36 inches or 914 millimetres which fall intermittently on an average of 196 days per year. However exploration programs can be operated year around basis in the environment.

Physiographically, the property is typical of the more remote areas of southwestern Quebec and typical of the Canadian Shield. Local faults and fractures are natural courses for creeks or small streams and related muskegs.

Although the area was deforested by clear-cut timber harvesting twenty or more years ago, it currently supports a dense growth of mostly immature birch, poplar, spruce, jack pine and the ubiquitous alder.

In addition to various ponds and small lakes elsewhere on the property, the western portion of it covers a large part of Lake Winneway.

Differences in elevation throughout the claims area range up to 200 metres (650 feet) with the steepest and most rugged area near the extreme east end of the property.

9.0 HISTORY

Prospecting in the area probably goes back to the 1930's, following the discovery of gold near Mud Lake and the present community of Belleterre. However, the first historic work, according to the Ressources Naturelles et Faune ("MNRF") website, was a combined airborne electromagnetic ("EM") and magnetic ("Mag") survey conducted over and near the present property on behalf of Alotta Resources Ltd. ("Alotta") in 1988. According to subsequently filed assessment reports Alotta, several anomalous responses were recorded on the subject property but there are no indications that any work had been carried out to investigate the source(s) of the anomalies.

The property was originally staked in 2005 and became part of the extensive regional exploration campaign conducted under the terms of a JV agreement between Richmond as the JV operator and Fort Chimo Minerals Inc. During the summer of 2006, Richmond Minerals retained Fugro Airborne Surveys to conduct a GEOTEM airborne survey over the property. This survey identified two sections of the property (corresponding to the North and South Grid areas), east of Lake Winneway, which generated strongly anomalous EM and Mag responses that merited further, detailed investigation and exploration (refer to Appendix III – Fugro GEOTEM Survey: Basic EM Interpretation Map).

Following negotiations and the signing of a Memorandum Of Understanding ("MOU") with the Long Pointy First Nations community at Winneway in 2009, two grids referred to as the North Grid (Fig. 7) and the South Grid (Fig. 8) were established over the anomalous areas during the 2009-2010 winter months, and ground geophysical surveys – EM and Mag – were interpreted by Frank Jagodits, P.Eng., Consulting Geophysicist and, based on his recommendations, Richmond conducted a diamond drilling programme from September 9 to October 10, 2010. A total of 1,591 lineal metres of drilling was completed in seven holes numbered RMDH-10-1 to RMDH-10-7 (Figs. 7 and 8).

Subsequently, on June 15, 2011, the corporate name of Fort Chimo Minerals Inc. was changed to Mag Copper Limited which company assumed all of the interest and related commitments regarding the Halle Township Property.

On October 18, 2012 the JV partners and Surrey signed a Letter of Understanding which allows Surrey to earn up to a 51 percent interest in the Halle Township Property.

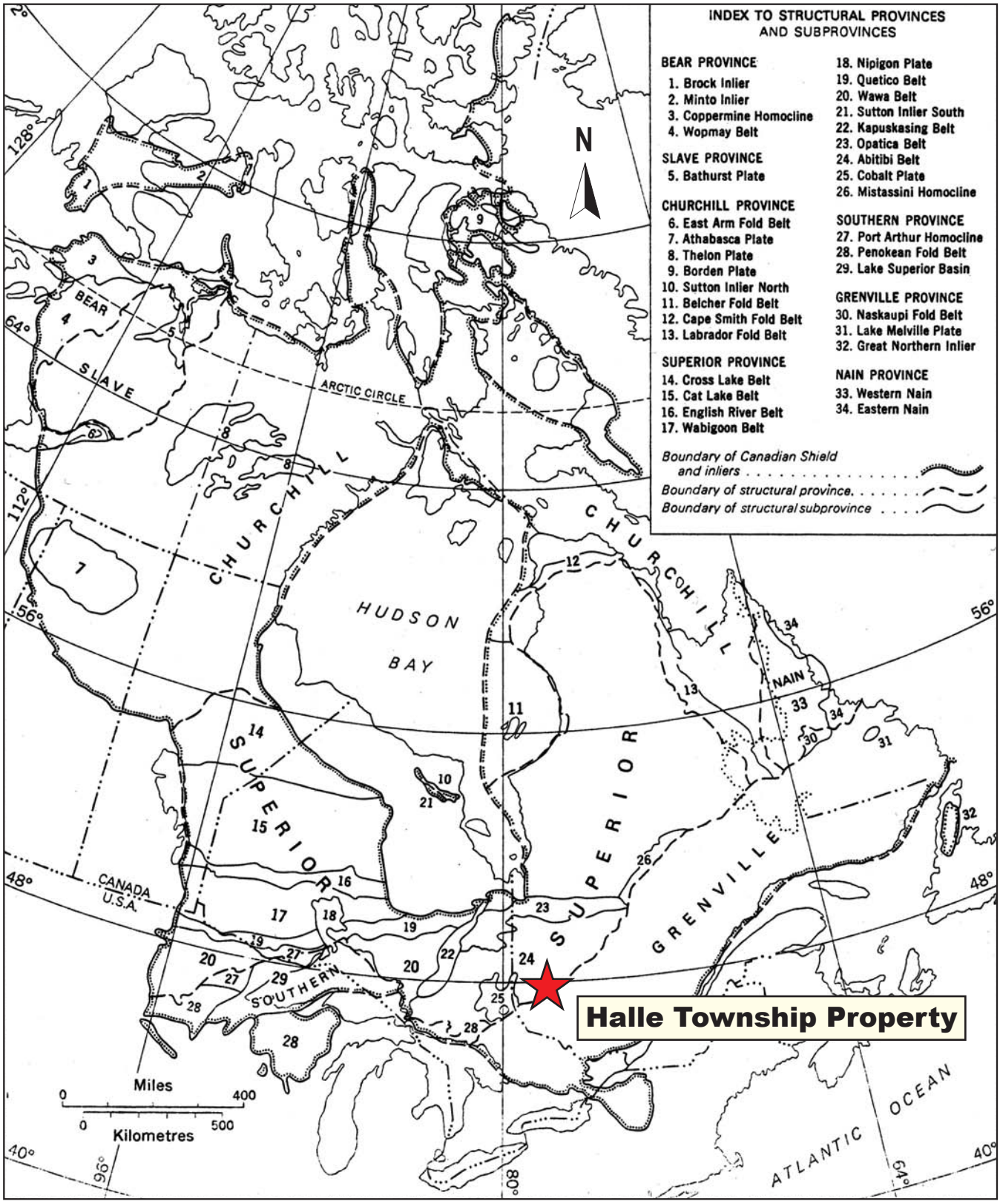
10.0 GEOLOGICAL SETTING

The property upon which this report focuses is situated within the Superior Province of the Canadian Precambrian Shield. The Superior Province is the largest exposed Archean craton in the world and hosts more world-class, commercially exploitable mineral deposits than any other craton.

Card and Ciesielski (1986) divided the Superior Province into four major sub-province types (Fig. 5): volcanic-plutonic, plutonic, metasedimentary, and high grade gneiss. The boundaries of these sub-provinces are either major dextral, transcurrent, east-striking faults or zones of structural and metamorphic transition.

The greenstone belts that host most of the metals-bearing mineral deposits are northeasterly trending ribbon or amoeboidal domains in the volcanic-plutonic terranes (Fig. 5). These belts have accounted for the majority of the wealth of metallic mineral production in the Superior Province. They typically consist predominately of mafic to ultramafic and felsic metavolcanics, interlayed with clastic and chemical metasediments. Locally, the volcano-sedimentary sequences are unconformably overlain by linear belts of shallow water to sub-aerial meta-sediments and alkali volcanics, which have historically been called Timiskaming-type.

The supracrustal rocks have been invaded by sills, dikes, stocks, and bosses of ultrabasic composition, gabbro, granite, granodiorite, diorite and quartz porphyry. They are bordered by massive to foliated granitoid rocks and gneisses.



(After C.H. Stockwell, GSC)

October 2012

Figure 4

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area, County of Temiscamingue, Québec

Structural Provinces and Sub-Provinces Canadian Shield

Unconsolidated materials including till, sand, gravel, clay and lacustrine deposits cover most of the area and this overburden can reach depths of up to 100 metres or more.

The main structural trend throughout the region is westerly but local divergences occur around some of the larger intrusive bodies. The most prominent structural feature in the vicinity of the subject property is the northeast-trending, southwesterly-dipping Grenville Front which marks the boundary between the Superior Province to the northwest and the Grenville Orogeny. The Canadian section is a sinuous zone which extends in a north-easterly direction from the north shore of Lake Huron in Ontario, northeastward out of Ontario and across the Province of Quebec to the east coast of Labrador – part of the Province of Newfoundland.

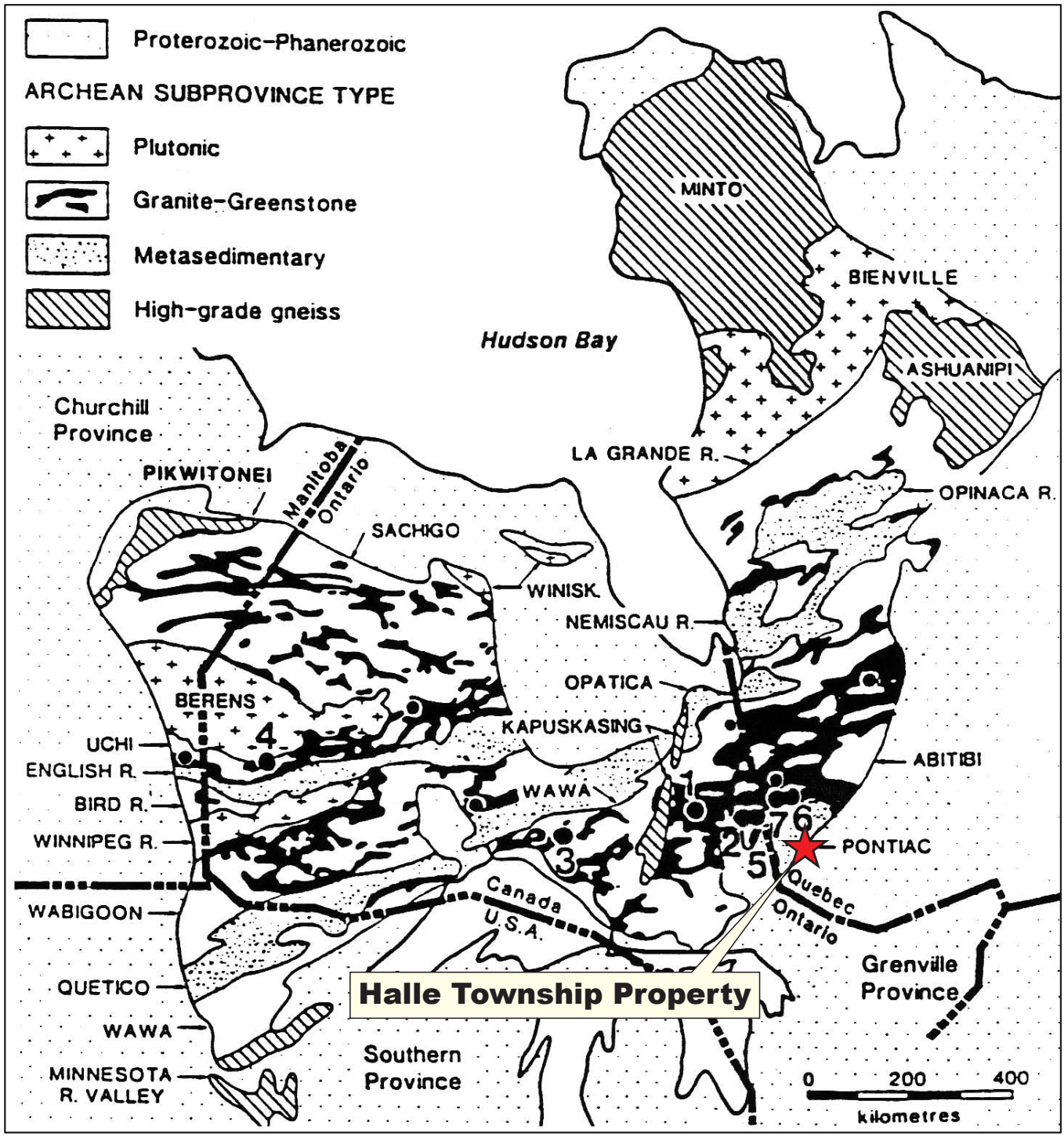


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Figure 5

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area, County of Temiscamingue, Québec

General Geology of the Superior Province

(After Card and Ciesielski, 1986)

The metamorphic grade of most exposed terranes ranges from sub-greenschist facies in the centre, to lower amphibolite facies at the margins and amphibolite facies often occur as contact metamorphic aureoles around intrusions into the greenstones.

The greenstone terranes have been subjected to folding and tilting, so that most strata are now sub-vertical. However, structural and stratigraphic continuity are often completely disrupted by late shearing associated with major deformation zones related to the ascent and emplacement of both major granitoid batholiths that are external to the greenstone belts, and smaller plutons that occur within the greenstone belts.

The Halle Township Property is located within the Abitibi Subprovince of the Superior Province of the Canadian Precambrian Shield. The Abitibi Subprovince, composed of a series of greenstone belts, is more than 160 kilometres in maximum width and extends from east of the Town of Chibougamau, Quebec, westward to beyond the City of Timmins in Ontario, a distance of some 450 kilometres. The volcanic, sedimentary and intrusive rocks are all Archean Age except the late diabase dikes, the relatively small islands of Proterozoic age rocks comprising the Huronian System, and several recently discovered, Jurassic-age kimberlite pipes and dikes.

Keewatin-type volcanic flows are the oldest rocks in the region. Their composition varies from basaltic to rhyolitic. They are intercalated with pyroclastic and sedimentary units. Timiskaming-type sediments are found locally within the volcanic pile. Concordant and discordant intrusives occur throughout the region; they form bodies of various sizes and shapes, with compositions that vary from ultrabasic to granite.

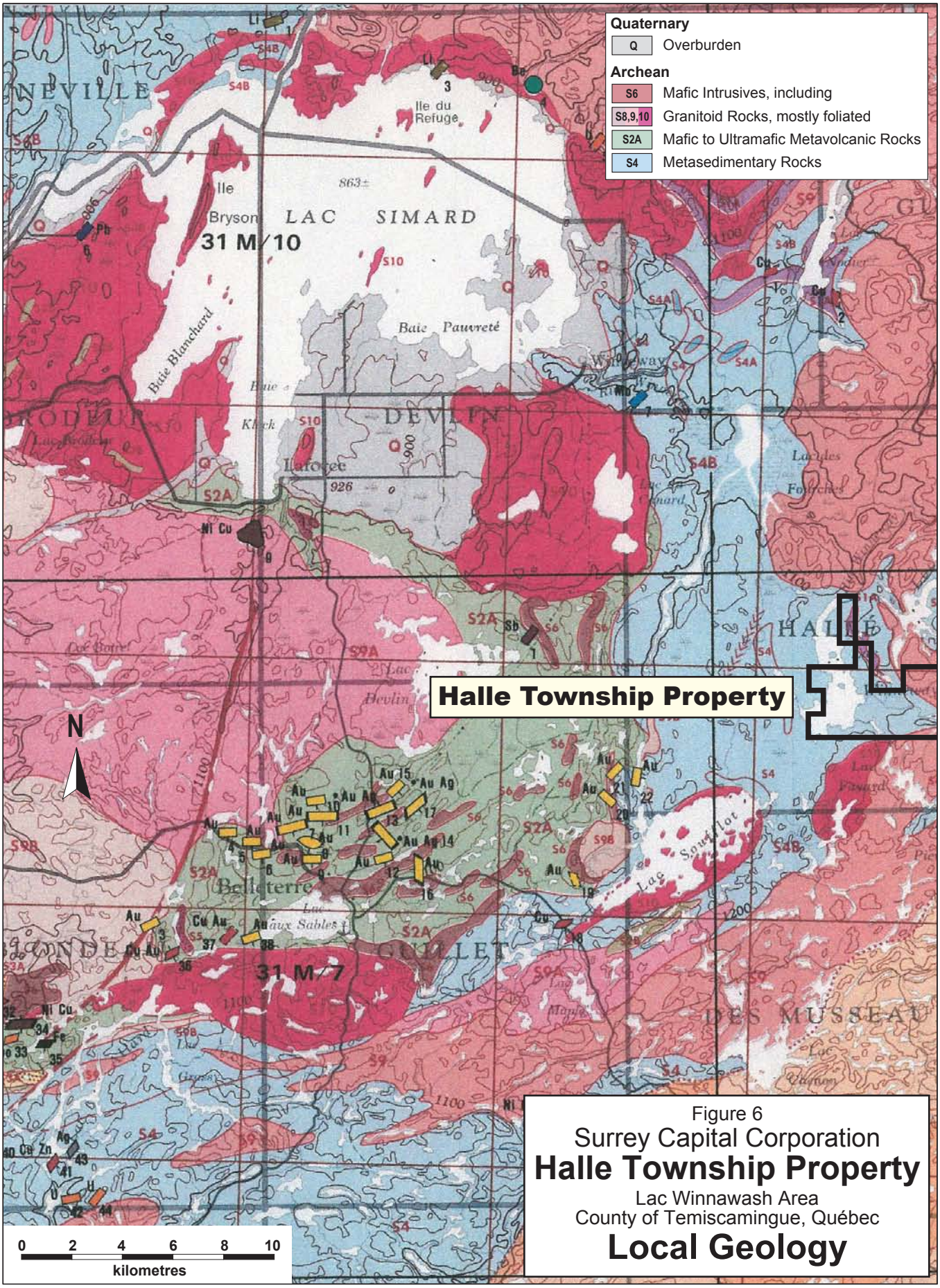

Figure 6

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Local Geology

10.1 Description of Rock Types

The area covered by the Halle Township Property has never been geologically mapped in detail. However, historical mapping compiled by the Quebec Ministry of Natural Resources and Fauna (MNRF) portrays the geology in the vicinity of the Halle Property (Fig. 6). Three basic rock types are identified including metasediments, a narrow band of komatiitic volcanic rocks, and a large complex of massive and gneissic granitoid rocks, all of which are Archean age.

The metasediments include wackes, arkose, argillites, siltstone, and shale. The general strike of the sediments is 330 degrees and dips vary from vertical to steeply east or west.

The granitoid rocks include bodies of massive, fine to coarse-grained granite to syenitic and diorite bodies along with their gneissic and metamorphic equivalents.

The metavolcanic rocks are a narrow band of intermediate to very basic members of komatiitic origin contained in a relatively thin envelope of sedimentary rocks. They are generally fine grained, dark grey to greenish black or black coloured. Komatiites are mantle-derived, low in silica, potassium and aluminum and high to extremely high in magnesium. Komatiites are sometimes considered to be channelized sills formed by injection into the stratigraphy, and inflation of magma pools in a staging chamber where economic bodies of sulphide mineralization may accumulate.

10.2 Mineralization

Sulphide mineralization encountered during the diamond drilling occurs in deformation zones related to local faulting along lithological boundaries between the metavolcanic units in the northwest part of the property, and sedimentary units in the southeast portion of the claims group. The sulphides occur as disseminated grains or as narrow, massive veins. The most prominent sulphide minerals include pyrrhotite, pyrite and chalcopyrite; sphalerite also occurs.

Pyrrhotite is the most prominent sulphide mineral with concentrations up to 40 percent over narrow widths, followed by pyrite, chalcopyrite and sphalerite.

10.3 Description of Sulphide Occurrences

The property has never been geologically mapped in detail and although disseminated sulphides have been reported in the area, Richmond Minerals has conducted no trenching or other significant investigation of such occurrences.

11.0 DEPOSIT TYPES

In the Abitibi environment base metals are generally won from disseminated to massive concentrations of sulphides associated with volcanic, pyroclastic and basic intrusive rocks. The deposits contain one or more of the following minerals: pyrrhotite, pyrite, chalcopyrite, bornite, sphalerite, galena, magnetite, ankerite, calcite, and quartz. However, komatiites can host base metals-bearing deposits. In such cases they are considered as channelized sills formed by injection into the stratigraphy and inflation of magma pools in a staging chamber where bodies of precious and base metals-bearing sulphides may accumulate in economic concentrations. The recommended program is based on the perception that the Halle komatiite may have the potential to host such concentrations.

Gold deposits occur in quartz-injected clastic sedimentary and volcaniclastic rocks, which may be locally graphitic, with intercalary volcanic flows and pyroclastics. Much gold occurs in the free state but is usually found associated with one or more of the following minerals: pyrite, arsenopyrite, pyrrhotite, chalcopyrite, sphalerite, galena, molybdenite, calaverite, ankerite and tourmaline.

At the present time, no commercially exploitable concentration of mineralization has been developed or is known to occur on the subject property.

12.0 EXPLORATION - GENERAL

Control grids were laid down over target areas referred to as the North and South Grids or zones. The North Grid extends from 22+00 metres south to 13+00 metres north along an orthogonal baseline on an azimuth of 330 degrees. Cross-lines were established, chained and picketed at regular intervals, normal to the baseline. Cross-line spacing is 100 metres. The base station for survey control was at 0+00 on line 0+00 with UTM co-ordinates 693950E and 5261150N (Fig. 7). Permission to extend parts of this grid onto adjoining mining claims was obtained from the affected claim holders.

The grid over the south area of interest was established off a baseline with an azimuth of 310 degrees from 0+00 to 14+00 west. Station 0+00 is located at UTM co-ordinates 698200E and 5257850N.

The total of 61.17 kilometres of grid lines included coverage of both grids.

12.1 Geophysical Surveys – Magnetic

Geophysique TMC of Val d'Or, Quebec conducted magnetic (Mag) and Electromagnetic (EM) surveys over both of the grids laid down on the Halle Property during the months of May and June, 2010.

The magnetic data were collected along all grid lines at minimum 25 metre intervals except where local conditions - creek or ponds, etc. – made it impossible. A GSM-19, Overhauser magnetometer was employed to record and store the data. It has an absolute accuracy of 0.2 nT. A separate base station was set up each survey day to provide correction data for diurnal variations. A total of 43.43 line-kilometres of data were collected on the North Grid and 16.5 line-kilometres on the South Grid. The results were processed using Geosoft software and the results were presented as profile and contoured maps.

12.2 Electromagnetic (EM) Survey

Geophysique TMC of Val d'Or, Quebec conducted horizontal loop electromagnetic surveys over both of the grids laid down on the Halle Property during the months of May and June, 2010. The surveys were conducted with an Apex Maxmin II electromagnetic system in the horizontal mode and a 200-metre coil separation. Data were recorded along each grid line at 25-metre intervals on each of four frequencies – 440 Hz, 880 Hz, 3,520 Hz, and 7,040 Hz.

25.9 line-kilometres of data were recorded from the north grid and 9.5 line-kilometres were collected from the south grid. Collected data were processed using Geosoft software. The results were presented as postings and profiles of the components: a separate map was provided for each frequency.

12.3 Ground Geophysical Survey Results

The magnetic data from the north grid outlines a magnetic high centred almost entirely along the baseline where values are up to 650 nT above the local background level of roughly 56,000 nT. Within the anomalous zone, numerous randomly oriented "valleys" are observed and are interpreted as fault or fracture related. This zone starts at line 8+00 north, extends beyond the southern limits of the grid and varies from 50 to 350 metres in width. The zone orientation is 330 degrees.

The south zone has similar physical characteristics to the north zone except its orientation which is 310 degrees, it has a width of 50 to 650 metres and a magnetic profile which is 600 nT above a local background level of approximately 566,080 nT.

Following a review and interpretation of the geophysical data, diamond drill-testing of the anomalies was recommended from the locations designated in the following

TABLE 2: RECOMMENDED DRILL TARGETS

Grid	Axis Co-ordinates	Collar Co-ordinates	Azimuth	Dip	Length
North	400N/0+20E	400N/0+75W	Grid east	-45	200 m
North	300S/0+50W	300S/0+50E	Grid west	-45	200 m
North	600S/0+45W	600S/1+50W	Grid east	-45	200 m
North	800S/0+80W	800S/1+75W	Grid east	-45	200 m
South	300W/0+60N	300W/1+50N	Grid south	-45	200 m
South	400W/0+75N	400W/1+75N	Grid south	-45	200 m
South	1100W/1+00S	1100W/0+00S	Grid south	-45	200 m
South	1200W/1+30S	1200W/0+25S	Grid south	-45	200 m

Seven of the eight recommended targets were drill-tested. The collar location recommended for 11+00W and 0+00 was not occupied.

13.0 DIAMOND DRILLING

Based on the interpretation of the accumulated geophysical data, Richmond mounted a programme of diamond drilling to investigate the sources of a series of geophysical responses – anomalies – portrayed by the HLEM and magnetic ground surveys. A total of seven holes were put down comprising 1,613.32 lineal metres (5,293 lineal feet) including only 14.09 metres (46.2 feet) of casing. NQ-size core was recovered. Holes numbered RMDH-10-1 to RMDH-10-4, inclusive, were put down in the main, komatiitic target area. The remaining three holes were put down on claims covered by the Halle South Grid where no significant results were obtained. See Figures 7 and 8.

The overall lengths of the holes ranged from 196.2 metres and vertical depths from 141.3 to 187 metres. Core recovery was approximately 98 percent. Refer to Appendix 2 Diamond Drill Sections & Logs for Holes RMDH 10-01 to 10-07 for the drilling and analytical results.

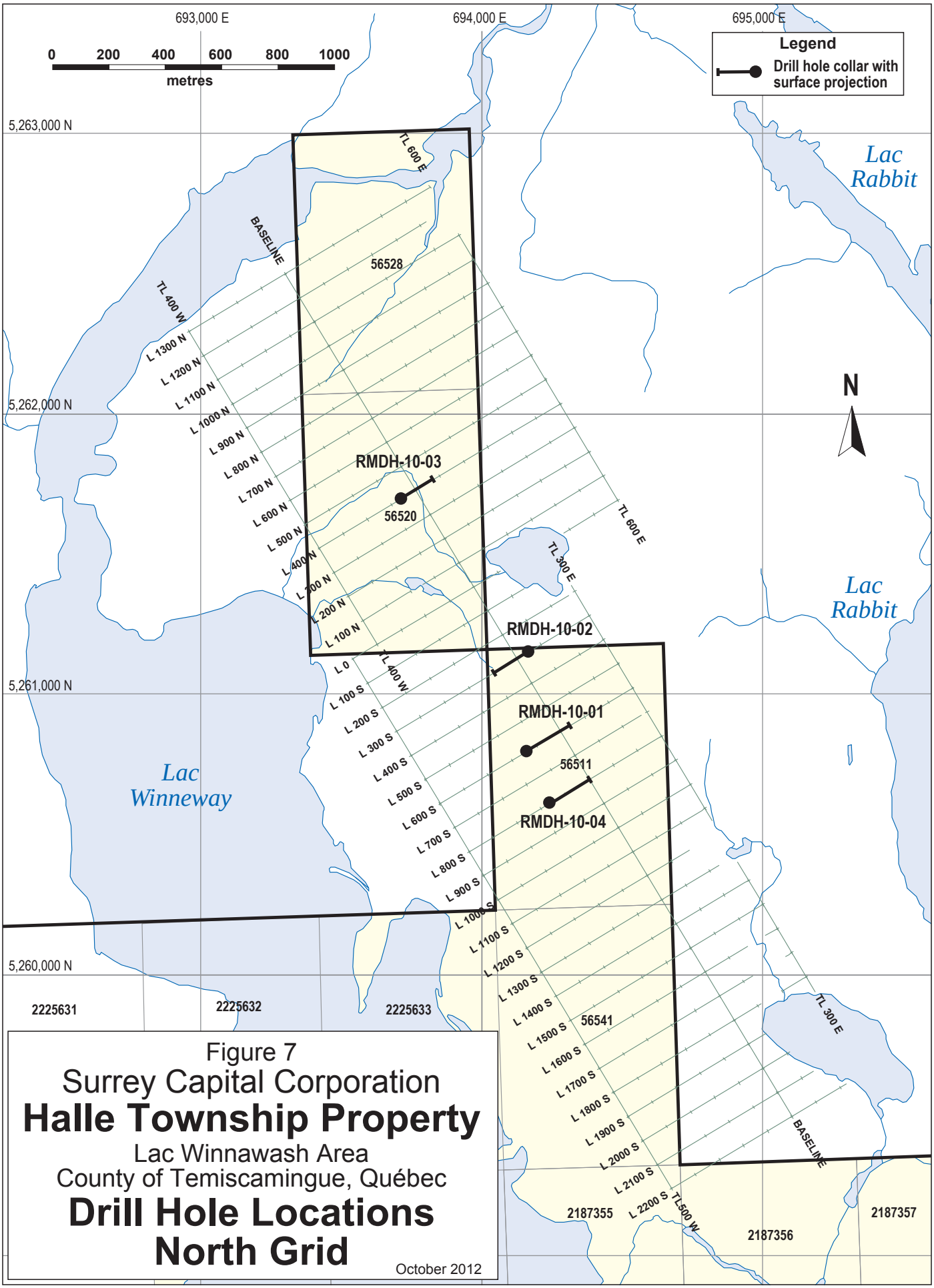

Figure 7

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Locations North Grid

October 2012

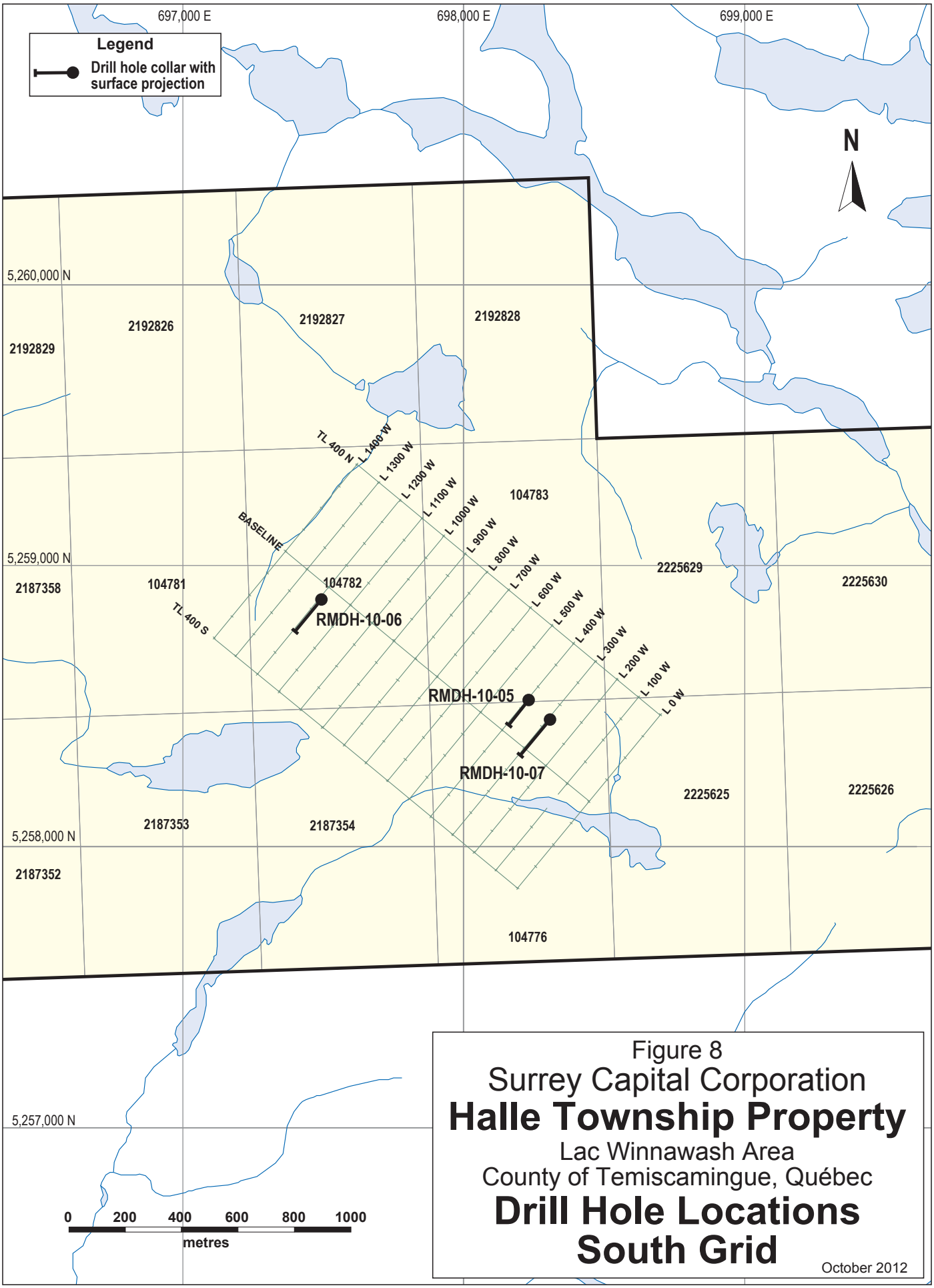

Figure 8

Surrey Capital Corporation

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Locations South Grid

October 2012

14.0 SAMPLING METHOD AND APPROACH

Quality Control and Assurance for all sampling during the 2010 diamond drilling programme by Richmond Minerals Inc. was under the direction of Warren Hawkins, P.Eng. and Exploration Manager of Richmond. Core was collected from the drill site and transported to a secure core shack at Moffat, Quebec where it was logged. Core to be sampled was then halved by diamond saw with the sample half packaged in sealed polyethylene sample bags. The remaining half of the sampled section was retained in marked and labeled wooden core boxes for archival purposes. During this time interval blank samples were inserted into the sample stream for quality control.

14.1 Sample Preparation, Analyses and Security

The core shack at Moffat is a secure, locked building. Once the samples were prepared for shipment to an analytical facility, they were picked up at the core shack by a representative of Agat Laboratories of Mississauga, Ontario and move to Mississauga. They were processed entirely onsite at the Agat facility for gold and platinum group elements using fire assay with ICP-OES finish, and multi-element metals scan using Aqua Regia Digest, with ICP-OES finish. Agat Laboratories is an ISO 9000 certified laboratory with worldwide operations.

Security included a chain of custody form and Lab Requisition sheet filled out for all samples sent to the laboratory for analyses. Each sample was sealed with security seals and delivered directly to the laboratory where, at the time of receipt, the samples are kept in a locked, secure area until they are processed. Most labs are bonded and carry insurance in the event of fire or theft. Each sample has an identifier number and can be located within hours if further analysis is required.

No officer or director of the Richmond Minerals Inc. – Fort Chimo Minerals Inc. Joint Venture was employed in the sample collection and preparation activities relative to the drilling programme discussed in this document. Also, it should be noted that Agat

Laboratories, Laboratoire Expert, Surrey Captial, and the vendors are all independent entities with no corporate affiliations.

15.0 AUTHOR'S SAMPLING PROCEDURES AND CALCULATIONS

During the site visit to the property and core processing facility, the author collected two composite samples for analyses to show some reproducibility of the original sample results. These samples were bagged and tagged and delivered by the author to Laboratoire Expert at 127 Boulivard Industriel, Rouyn-Noranda, Quebec, J9X 6P2. The average weighted nickel and zinc content of the contiguous samples which comprise each of the author's samples are compared in Table 2, 3 and 4 with the results of the original sampling.

Sections of core selected by the author for re-analyses were halved by diamond saw. Because the core had been halved to provide the original samples, one half of the remaining core, or one quarter of the original total was collected for the author's samples. The remaining quarter was returned to the core boxes for future reference. The author retained the samples until he delivered them to the Laboratoire Expert Inc. facility in Noranda, Quebec for analyses. This is an ISO 9001:2000 registered facility with the standard security required for such establishments.

The samples were pulverized and a 0.5 gram sample taken from each sample submitted for analysis. The 0.5 gram samples are digested in a combination of hydrochloric and nitric acids following which the metal contents are measured with a spectrophotometer of atomic adsorption and reported in parts per million (ppm). Detection limits are 2 ppm for all metals except silver which is 0.2 ppm.

Gold values are determined by standard fire assay of a 29.166 grams sample. The lower detection limit is 5 ppb (parts per billion) and samples assaying over 1,000 ppb are checked gravimetrically.

TABLE 3

Hole RMDH-10-1 Drilling Weighted Core Sampling Assay Results For Zinc & Nickel

	Metres			Weights - ppm	
Sample No.	**From**	**To**	**Interval**	**Zinc**	**Nickel**
E5320193	149.40	150.82	1.42	4217.4	282.58
E5320194	150.82	151.72	0.90	4356.0	356.40
E5320195	151.72	153.05	1.33	1343.3	259.35
E5320196	153.05	155.16	2.11	6203.4	787.03
			5.76	16120.1	1685.36

$$\text{Nickel: } \frac{1685.36}{5.76} = 0.0293\%$$

$$\text{Zinc: } \frac{16120.1}{5.76} = 0.2799\%$$

Results of Bulk Sample by Author which included Quarter Core For Interval From 149.40 to 150.82 Metres Sample No. A63847

Nickel:	217 ppm	=	0.0218%
Zinc:	1785.5 ppm	=	0.1786%

TABLE 4

Hole RMDH-10-2, Original Core Sampling Assay Results For Zinc and Nickel

	Metres			Weights - ppm	
Sample No.	**From**	**To**	**Interval**	**Zinc**	**Nickel**
E5320631	156.00	165.94	0.94	2331.2	949.40
E5320632	156.94	157.07	0.13	328.9	28.73
E5320633	157.07	159.00	1.93	5867.2	538.47
E5320634	159.00	160.20	1.20	1716.0	384.00
			4.2	10,2433.3	1,900.60

$$\text{Nickel: } \frac{1{,}900.6}{4.2} = 0.0453\%$$

$$\text{Zinc: } \frac{10{,}243.3}{4.2} = 0.2439\%$$

Results of Compared Sample by Author Which Included Quarter Core For Interval From 156.00 to 160.2 Metres.

Sample No. A63848

Nickel: 266 ppm = 0.0266%

Zinc: 2.296 ppm = 0.2296%

TABLE 5

AUTHOR'S COMPOSITE SAMPLE RESULTS

RMDH-10-01 (See Appendix 1)

A63847	149.40	155.16	5.76	1785.5	219
			Zinc = 0.1786%		
			Nickel = 0.0219%		

RMDH-10-02 (See Appendix 2)

A63848	156.00	160.2	4.2	1956	234
			Zinc = 0.1956%		
			Nickel = 0.0234%		

16.0 DATA VERFICATION

The airborne survey, results of which lead to the subsequent ground work, was carried out by one of the leaders in the airborne geophysical survey industry. The resulting data were effectively presented. Similarly, the ground geophysical data and related maps were reviewed and are professionally presented.

Diamond drilling, under the supervision of Warren Hawkins, P. Eng., was carried out under the generally accepted industry standards as was the core sampling and analytical procedures.

During the site visit, the collar locations of three holes were visited and found to be accurately located (Figs. 7 and 8). Also, the core storage facility was visited and portions of the core from several holes were examined.

Contiguous sections of core comprising originally sampled sections from each of two holes RMDH-10-01 and -02 were resampled. The various fractions from each hole were combined to form samples A63847 and A63848, and re-analysed for gold, silver, cobalt, zinc and nickel. Comparative results are presented in Tables 3, 4, and 5.

17.0 ADJACENT PROPERTIES

D. Ferderber of Val d Or, Quebec is the holder of four claims adjoining the subject property. They are numbered 2182615 to 2182617, inclusive, and 2185616.

Exploration Fieldex Inc. of Noranda, Quebec holds all other claims adjoining the property.

For the holders of all claims on October 2, 2012 that are relative to this report please see Fig. 3.

18.0 INTREPRETATION AND CONCLUSIONS

The following conclusions have been arrived at following a site visit to the subject property and careful examination of all available, relative data.

The Halle Township Property covers two locations where airborne geophysical data supported by detailed ground geophysical data and limited diamond drilling, have defined two areas of sulphide mineralization. Sample analyses from these locations display some elevated or anomalous concentrations of nickel and zinc along with copper. This mineralization is associated with fault deformation along lithological boundaries; between metavolcanic units in the northwest part of the property and sedimentary units in the southeast part of the claims group. These results, and particularly those from the central part of the North grid between holes RMDH-10-02 and RMDH-10-4 (Fig.7) indicate the presence of a zone at least 500 metres long. This zone contains significant concentrations of nickeliferous and zinciferous mineralization over true widths that could be as much as seven metres. Where no surface data exists, it is impossible to determine the true width of a single diamond drill intersection and extremely imprudent to estimate (guess) what it might be, especially when the next closest, similar data were generated at least 300 metres away.

The analyses of samples of core collected by the author from two different sections of this zone confirm, within reasonable tolerances, the original average values obtained for zinc and nickel (See Tables 3, 4, and 5).

19.0 OTHER RELEVANT DATA

Pertinent to future work on the Halle Township property it must be noted that the original Memorandum of Understanding (MOU) expired upon the completion of the 2010 diamond drilling programme. However, Surrey is presently pursuing with Long Point First Nation a renewal of the MOU pertaining to exploration at the Halle Property. The author advises that a valid MOU be in place before work at the Halle Property begins.

To complete the recommended program, a Forest Intervention Permit issued by the Ministry of Natural Resources and Fauna will be required at negligible cost.

It should also be noted that James M. Brady of 105 Airdrie Road, Toronto, Ontario M4G 1M4, owns a one percent NSR (Net Smelter Return) interest in any mineral production from the subject property.

The author is unaware of any other legal encumbrances, environmental liability, permits, access to the property, or other significant considerations that would affect the recommended program.

20.0 RECOMMENDATIONS

Based on an examination of available data and on-site observations, it is the author's opinion that additional diamond drilling on the subject property is warranted, specifically to further test a zone containing anomalous nickel and zinc-bearing sulphide mineralization along an apparent strike-length of 500 metres. This work is required to confirm the dip and true width of the zone, indicate potential changes in the concentration of metal values within the zone at a lower horizon, and provide access for the collection of down-hole geophysical data at a substantially greater depth than the 110-metre capability of the Maxmin II system employed for the surface survey.

It is recommended that a second tier of holes be drilled from the same collar locations as holes numbered RMDH-10-01, 02 and -04. The proposed holes should be drilled on the same sections as the original holes, at dips of -60 degrees, to minimum depths of 350 metres.

A fourth hole is recommended for the North grid. It should be collared at 7+00 South and 1+75 West, and drilled along an azimuth of 60 degrees at minus 60 degrees, to a minimum depth of 350 metres.

Finally, it is recommended that down-hole magnetic and electromagnetic surveys be conducted immediately following completion of each drill hole, before the casing is removed and before deterioration of the walls of the holes occurs.

The estimated cost of the recommended work, including report preparation and contingencies, is $200,900.00.

All of which is respectfully submitted for your information and consideration.

Toronto, Ontario, Canada
December 15, 2012

Melville W. Rennick, P.Eng.
Consulting Geologist

21.0 ESTIMATE OF RECOMMEDED PROGRAMME COST

General Mobilization and Demobilization	$	10,500
Diamond Drilling: 1,400 metres @ $70.00/metre all up		98,000
Core Boxes		2,650
Assaying		7,250
Logging & Project Supervisor 44 days @ $500/day		22,000
Transportation (ATV, truck rental etc.)		10,000
Subsistence – 2 men @ $200.00/day		8,000
Casual Labour – 42 days @ $250/day		10,500
Field & Office Supplies		2,000
Down-hole Geophysics		30,000
TOTAL ESTIMATED PROGRAMME COSTS	**$**	**200,900**

Toronto, Ontario, Canada
December 15, 2012

Melville W. Rennick, P.Eng.
Consulting Geologist

22.0 SELECTED REFERENCES

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Report on the Combined Airborne Geophysical Surveys on the Property of Alotta Resources Ltd., Delbreull, Devlin, Guy and Halle Twps., Quebec, H. Ferderber Geophysics Ltd. 1988

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Geologie des lacs Simard, Winawash et Decelles. MNRF Report No. DP338, 1975.

CERTIFICATE OF AUTHOR

I, Melville William Rennick do hereby certify that:

I am a Consulting Geologist residing at 234 Donlea Drive, Toronto, Ontario M4G 2N2.

I am a graduate of the Provincial Institute of Mining, Haileybury, Ontario, in 1955 and have been continuously engaged as a practising geologist since that time. Specifically I was a Regional Geologist for McIntyre Porcupine Miners Limited from 1955 to 1961, a Field Geologist for Noranda Exploration (Quebec) Limited form 1962 to 1966, an in-house Geologist with Spooner Mines and Oils Limited from 1966 to 1972, and an independent Consulting Geologist providing general consulting and contract services to the minerals exploration industry and related financial institutions from 1972 until present.

I am a member of Professional Engineers, Ontario, and hold a valid Certificate of Authorization issued by the Association of Professional Engineers of Ontario.

I have read the definition of "qualified persons" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I comply with requirements to be a "qualified person" for the purposes of NI 43-101.

I am responsible for all items in the attached report subject to the disclaimers entitled "Technical Report For Surrey Capital Corporation On The Halle Township Property, Winneway Area, County of Temiscamingue, Quebec, Canada" dated November 16, 2012.

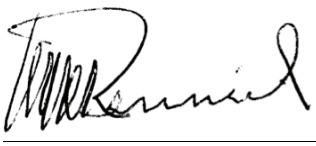
A site visit was made during the period October 3 to October 4, 2012.

I am not aware of any material fact or material change with respect to the subject matter of this report that is not reflected in the report, the omission to disclose which makes the report misleading.

I am independent of the issuer applying all of the tests in 1.5 National Instrument 43-101.

I have read National Instrument 43-101 and Form 43-101F and the attached report, dated December 15, 2012, and has been prepared in compliance with that instrument and form.

I consent to the filing of the attached reported titled "Technical Report For Surrey Capital Corporation On The Halle Township Property, Winneway Area, County Of Temiscamingue, Quebec, Canada" dated December 15, 2012, with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of this report.



Toronto, Ontario, Canada
December 15, 2012

Melville W. Rennick, P.Eng.
Consulting Geologist

APPENDICES

Appendix I – Labortoire Expert Inc. Certificate of Analysis - Dated 02/11/2012

Appendix II – Diamond Drill Sections & Logs for Holes RMDH 10-01 to 10-07

Appendix III – Fugro GEOTEM Survey Map: Basic EM Interpretation Map

Appendix I – Labortoire Expert Inc. Certificate of Analysis - Dated 02/11/2012

Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

*** Certificate of analysis ***

Date : 2012/10/11
Page : 1 of 1

Client : **Richmond Minerals**

Addressee : **Warren Hawkins**
133 Richmond Street West
Suite 403
Toronto
Ontario
M5H 2L3
Telephone : (416) 603-2114

Folder : **36402**
Your order number :
Project :

Total number of samples : **2**

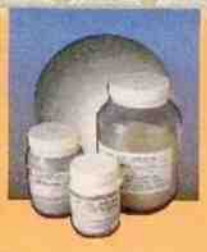
Designation	Au FA-GEO ppb 5	Au-Dup FA-GEO ppb 5	Au FA-OZ oz/t 0.001	Au-Dup FA-OZ oz/t 0.001	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2
A63847	12	14	<0.001	<0.001	<0.2	<0.2	219	216
A63848	15		<0.001		0.7		266	

Designation	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
A63847	1782	1789	41	41
A63848	2296		43	

Joe Landers, Manager

CCRMP

ISO 9001:2000
Registered



PTP-MAL

Accredited by
Standards Council of Canada :
proficiency testing provider for
specific mineral analysis parameters

Proficiency Testing Program for Mineral Analysis Laboratories

Certificate of Successful Participation in Proficiency Tests

Laboratoire Expert Inc.

Rouyn-Noranda, QC, Canada

has been assessed "Satisfactory" for test samples in

Cycle November 2008

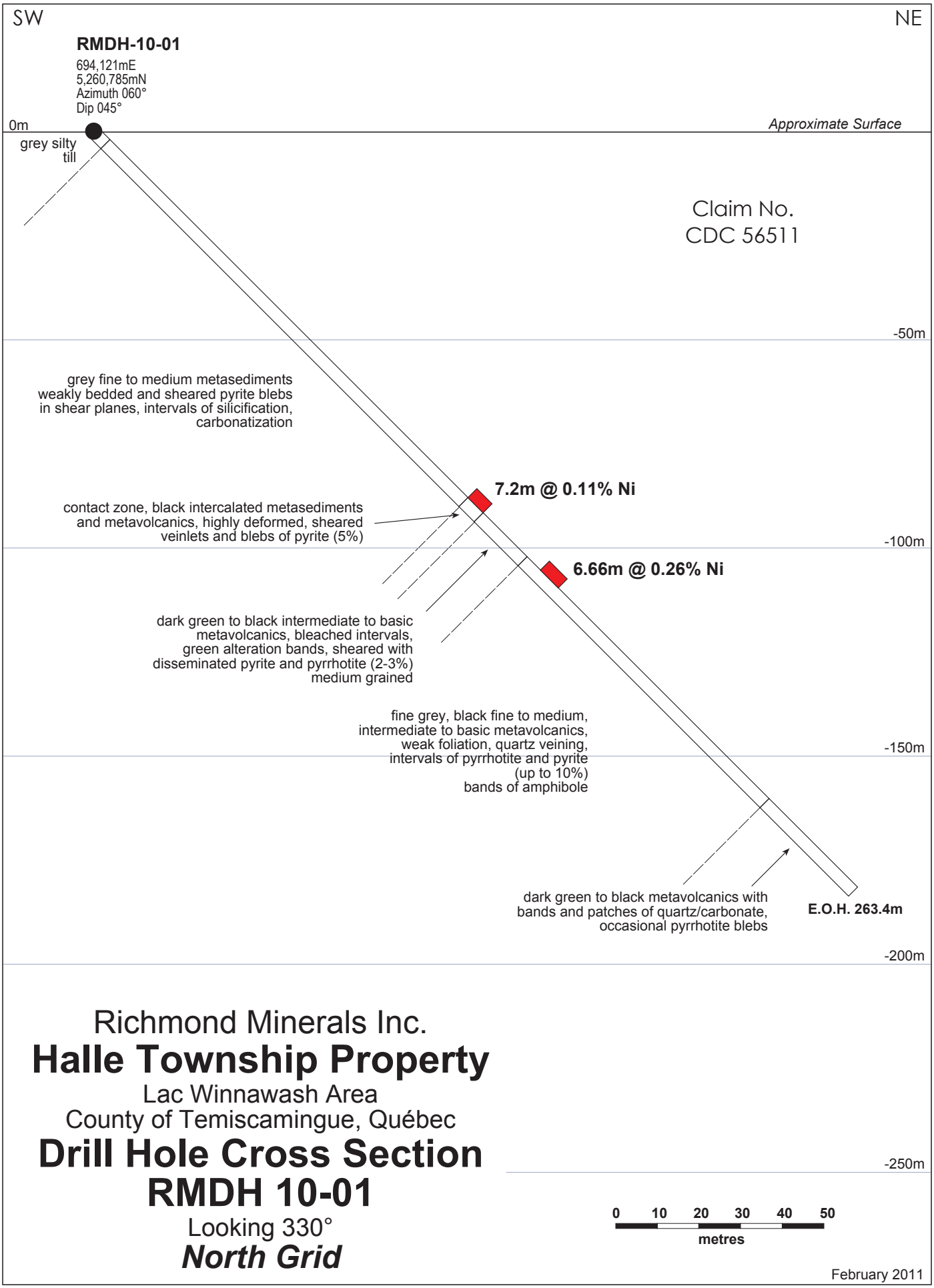
for*: **Gold**[1,2] **Palladium**[1] **Silver**[3]
Copper[4] **Lead**[3] **Zinc**[4] **Cobalt**[3]

by PTP-MAL using criteria for laboratory proficiency established by the Mineral Analysis Working Group of the Task Group - Laboratories of the Standards Council of Canada.

*General description of analytical methods applied:
1. Lead collection fire assay with unknown measurement.
2. Lead collection fire assay with gravimetric measurement.
3. Two acid digestion with atomic absorption spectrometry measurement
4. Four acid digestion with atomic absorption spectrometry measurement

Diane Desroches	Maureen E. Leaver	April 2009
PTP-MAL Coordinator	CCRMP Coordinator	Date

Appendix II – Diamond Drill Sections & Logs for Holes RMDH 10-01 to 10-07



Richmond Minerals Inc.

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Cross Section

RMDH 10-01

Looking 330°

North Grid

February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	North Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	1+50W	Logged By:	W. Hawkins (logged Sept.20-23, 2010)
Claim #:	CDC 56511	Y co-ord.	6+00 S	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-01	Bearing:	N 60 E (68.5 degrees @ EOH)	Dip Test (EOH):	-43.8 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	694121	Proposed Length:	175 m	Drill Start:	Sept. 10, 2010
Northing (m):	5260785	Total Length:	263.4 m	Drill Finish:	Sept. 17, 2010
Elevation:	369 m	Core Size:	NQ	Page:	1 of 4

Notes: RMDH-10-01; 61 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	3.00	**GREY SILTY TILL WITH COBBLE/BOULDERS OVERBURDEN**							
3.00	**126.00**	grey **METASEDIMENTS**, weak bedded and/or foliated, occasional pyx deposition along bedding planes as blebs, fractures have chloritic, talcy feel, bedding, shearing @ 40-45 DTCA numerous schisty talcy intervals with pyx deposition along shearing planes, generally fine grained -occasional weakly magnetic interval, med to fine grained							
6.70	7.70	schisty foliated section with pyx veinlets along shear planes, 1% pyx	E5320160	6.70	8.21	1.51	88	0.01	72.10
7.70	9.93	as above, less schisty	E5320161	8.21	8.70	0.49	74	0.01	64.80
			E5320162	8.70	9.93	1.23	94	0.01	76.30
14.28	15.00	weakly silicified interval with blebs of pyx/cpx 1 %	E5320163	14.28	15.00	0.72	84	0.01	78.70
20.50	21.00	broken core interval along shear planes, very minor pyx							
24.00	27.00	schisty section as above with shearing planes at 60 DTCA, minor pyx blebs along planes < 1%	E5320164	26.50	27.00	0.50	101	0.01	97.80
28.50	28.85	broken blocky section							
36.26	37.77	broken core rubble zone, small fault, greasy feel to fracture planes							
47.00	48.00	weak schistose section with blebs of pyx along shear planes 1%	E5320165	47.00	48.00	1.00	70	0.01	69.70
49.46	*50.15*	schisty section with pyx blebs along shear planes 1-2%	E5320166	49.46	50.15	0.69	123	0.01	80.40
53.25	*54.00*	weakly silicified interval with minor pyx/cpx in shear planes 1%	E5320167	53.25	54.00	0.75	90	0.01	83.90
66.36	*66.40*	4 cm coarse quartz vein, sharp contacts at 40 DTCA, minor pyx blebs and stringers							
78.54	78.60	6 cm wide quartz vein, coarse, as above, contacts at 70 DTCA							

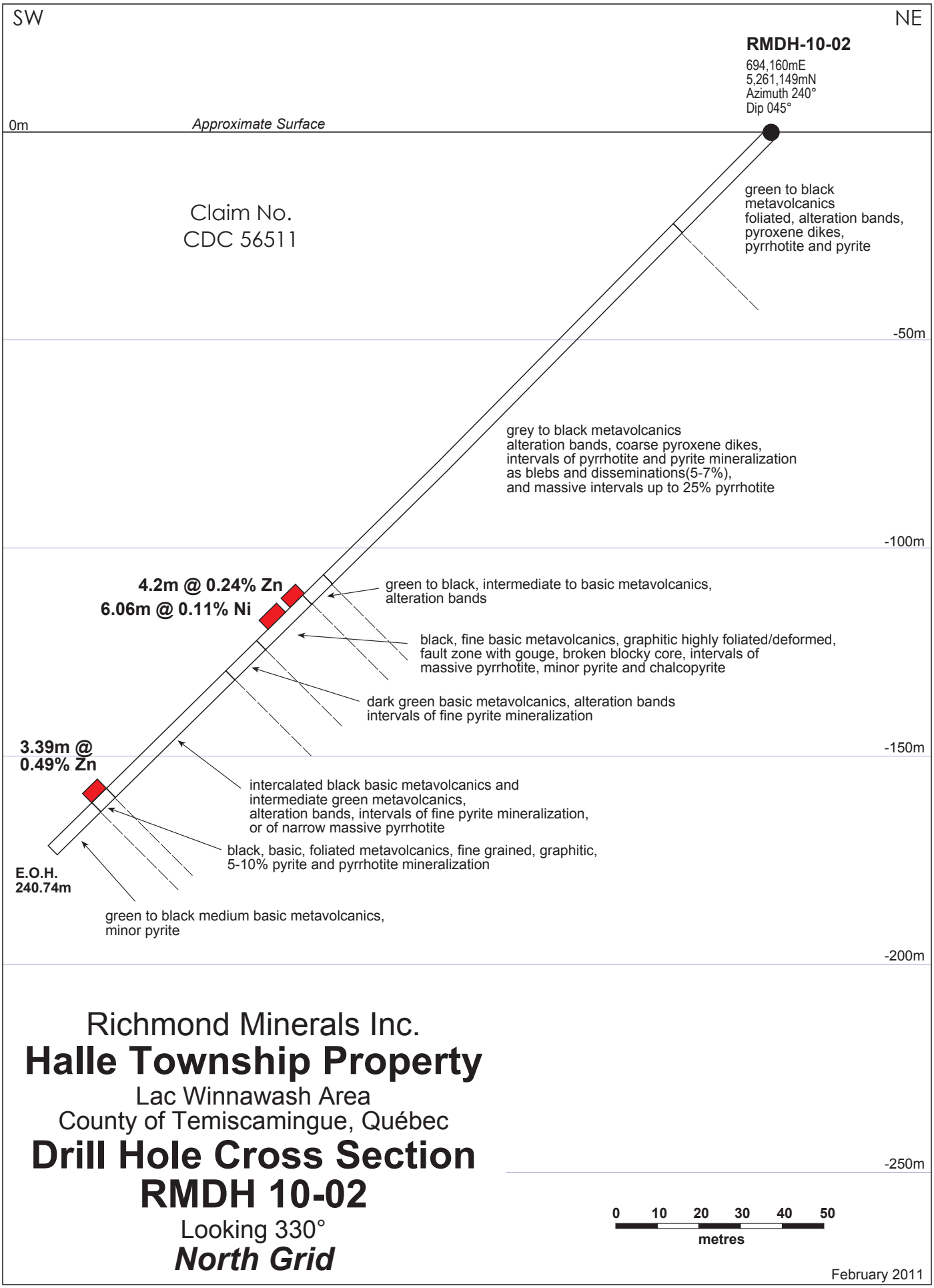
From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
84	*89.57*	coarse grained quartz vein, vuggy, numerous inclusions of yellowish MICA, intervals of SEDIMENT	E5320168	87.00	87.95	0.95	404	0.04	10.3
		occasional pyx cube in vein, sulphide veinlets along parallel to upper and lower contacts	E5320169	87.95	88.95	1.00	49	0.00	28.7
		weakly carbonatized							
89.57	*90.00*	quartz inclusions with trace pyx	E5320170	88.95	90.00	1.05	53	0.01	23.9
90.98	91.06	coarse quartz vein with sharp contacts at 80 DTCA							
95.04	*95.16*	quartz vein with sharp upper and lower contacts 45 DTCA							
96.00	*97.22*	mildly silicified interval, with pyx/cpx blebs and stringers parallel to bedding/shearing planes,	E5320171	96.00	97.22	1.22	67	0.01	45.60
		weak narrow quartz veins broken core with fault gouge at 96.63							
101.29	101.70	broken core rubble zone							
102.10	104.00	banded, bleached interval with vuggy BULL QUARTZ inclusions, pyx blebs along shear planes	E5320172	102.10	103.05	0.95	85	0.01	38.90
		and in quartz, banding is at 40 DTCA, and consists of more silicified material	E5320173	103.05	104.00	0.95	48	0.00	39.40
105.00	*108.50*	broken blocky core, minor vugs							
112.50	*114.56*	1-2% sulphides, blocky section, weakly silicified ?	E5320174	112.50	113.50	1.00	48	0.00	32.80
			E5320175	113.50	114.56	1.06	49	0.00	24.90
126.00	***129.81***	**contact zone, intercalated METASEDIMENTS AND VOLCANICS**, bleached intervals, appears as							
		banding, highly deformed/foliated/sheared, broken blocky core, vuggy intervals, pyx (5%)	E5320176	125.58	126.60	1.02	64	0.01	35.30
		deposition along shear planes (veinlets) and in vugs, and as interstitial blebs, shearing at 60 DTCA	E5320177	126.60	128.20	1.60	277	0.03	315.00
		narrow quartz veining, shear planes of greasy/talcy feel (weak chloritization?), weakly carbonatized	E5320178	128.20	129.80	1.60	571	0.06	396.00
129.81	**138.90**	dark green to grey black intermediate to basic **METAVOLCANICS** with bleached intervals and							
		med. Green alteration bands, shearing at 60 DTCA, disseminated pyh/pyx (2-3%) and							
		occasional cpx in shear planes, talcy fracture planes							
133.64	138.90	as above with metallic bands of mica (biotite) and softer amphibole,	E5320179	130.80	132.00	1.20	43	0.00	1,590.00
		and disseminated pyh in the bands	E5320180	132.00	133.50	1.50	48	0.00	1,270.00
			E5320181	133.50	135.00	1.50	121	0.01	745.00

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5320182	135.00	136.50	1.50	116	0.01	1,020.00
			E5320183	136.50	138.00	1.50	326	0.03	905.00
			E5320184	138.00	138.90	0.90	911	0.09	491.00
138.90	***149.40***	fine grained grey black intermediate to basic **METAVOLCANICS**, foliated with shearing at 40 to 70 DTCA, narrow bleached intervals generally at 60 DTCA, pyh and minor pyx as disseminations, veinlets parallel to shearing and as blebs 3%-5%, weakly carbonatized, bands of magnetism (assoc.with pyh?) narrow bands and lenses of the amphibole/biotite	E5320185	138.90	139.92	1.02	1,670	0.17	206.00
			E5320186	139.92	141.00	1.08	327	0.03	803.00
			E5320187	141.00	142.50	1.50	391	0.04	399.00
			E5320188	142.50	144.00	1.50	247	0.02	495.00
			E5320189	144.00	145.50	1.50	321	0.03	370.00
145.40	*145.60*	broken blocky core, narrow fault zone, bleached	E5320190	145.50	147.00	1.50	297	0.03	223.00
			E5320191	147.00	148.50	1.50	678	0.07	64.50
146.62	146.70	as above with fault gouge	E5320192	148.50	149.40	0.90	1,130	0.11	68.30
147.90	148.50	broken blocky core							
149.40	***155.16***	black fine grained ultrabasic **METAVOLCANICS**, narrow white alteration bands, pyx and pyh,minor cpx foliated, highly deformed and faulted with gouge in several intervals, vuggy, sulphides deposited generally along shear planes and as interstitial blebs, up to 30 % in some intervals graphite common as well	E5320193	149.40	150.82	1.42	2,970	0.30	199.00
			E5320194	150.82	151.72	0.90	4,840	0.48	396.00
151.72	153.07	silicified dike?, sharp upper contact at 60 DTCA, mostly pyrite 3-10% along shearing and interstitial blebs, vuggy, blocky core, gradational lower contact, weakly carbonatized	E5320195	151.72	153.05	1.33	1,010	0.10	195.00
153.07	155.16	heavy sulphide interval up to 30 % - 40% pyh, lesser pyx 154.74 - 154.93 - lost core, hand specimen 155.08-155.19 (Rennick)	E5320196	153.07	155.16	2.09	2,940	0.29	373.00
155.16	***228.00***	fine grained grey black intermediate to basic **METAVOLCANICS**, less foliation with faint alteration bands generally at 60 DTCA, occasional sulphide veinlets - pyh, numerous narrow bull quartz veins, lenses with occasional pyh veinlets at 60 DTCA, becomes finer grained, harder moving down through unit, occasional lenses/narrow bands amphibole - occasional ultramafic dikes with distinctive acicular pyroxene, sharp contacts generally 60 DTCA							
155.16	156.86	pyx/minor pyh in veinlets and larger blebs - 5-10%	E5320197	155.16	156.68	1.52	116	0.01	656.00
157.58	158.30	silicified interval with quartz veining and pyx/minor pyh up to 10%	E5320198	157.58	158.30	0.72	120	0.01	131.00
158.30	*158.78*	shear/fault zone with broken core							

RICHMOND MINERALS INC. RMDH-10-01 (cont'd)

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
172.88	173.62	silicified unit with bull quartz veining, fine disseminated pyh/pyx along margins or within veins weak bands of amphibole at upper/lower zone margins, veins at 80 DTCA, occasional white/silver euhedral fine pyrite in silicified zones	E5320199	172.88	173.62	0.74	53	0.01	114.00
186.00	186.40	silicified intervals with quartz lenses and disseminated sulphides 2-3 %, minor amphibole contacts at 60 DTCA	E5320200	186.00	186.40	0.40	40	0.00	97.00
219.75	220.38	silicified bull quartz interval, no sulphides, sharp upper and lower contact at 45							
227.20	228.00	broken core, rubble zone fault							
228.00	**263.40**	dark green to black basic **METAVOLCANICS**, with distinctive bands/patches of quartz/carbonate carbonate alteration with lighter green halos and occasional pyh bleb, bands generally @70 DTCA							
230.04	231.00	interval with semi-massive pyh, also disseminations and veinlets, 15-25% pyh, with bands of amphibole, sugar quartz veining as well, 20 cm pyroxenitic dike at bottom of interval with minor pyh	E5320201	230.04	231.00	0.96	39	0.00	52.80
231.06	231.64	as above less quartz veining, no dike	E5320202	231.03	231.64	0.61	32	0.00	75.70
232.41	233.20	as above less pyh- finely disseminated	E5320203	232.42	233.20	0.78	20	0.00	97.60
243.00	244.24	interval with blebs and veinlets of pyh 3-5%, red flecks and veinlets (hematite?)	E5320204	243.00	244.24	1.24	28	0.00	66.60
245.52	250.98	interval with disseminated to semi massive pyh, minor pyx, narrow bands of sugary quartz vein/ lenses and amphibole, bands of pyx up to 30 %, flecks, blebs of red hematite in quartz veins minor carbonate alteration, several pyroxene diklets approx 5 cm wide at 60 DTCA	E5320205	245.52	247.00	1.48	41	0.00	77.50
			E5320206	247.00	248.40	1.40	107	0.01	69.50
			E5320207	248.40	249.70	1.30	43	0.00	49.40
			E5320208	249.70	250.96	1.26	34	0.00	61.80
254.30	255.00	amphibolite interval with fine pyrite mineralization 2%	E5320209	254.30	255.00	0.70	41	0.00	83.40
260.46	261.21	interval with pyh blebs and veinlets 2-3%	E5320610	260.46	261.21	0.75	19	0.00	90.90
		EOH @ 263.40							

W Hawkins, P. Eng.



Richmond Minerals Inc.

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Cross Section

RMDH 10-02

Looking 330°

North Grid

February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	North Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	0+50 E	Logged By:	W. Hawkins (logged Sept.26-Oct.6, 2010)
Claim #:	CDC 56511	Y co-ord.	3+00 S	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-02	Bearing:	240 (@EOH = 256.5 degrees *)	Dip Test (EOH):	-41.9 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	694160	Proposed Length:	175 m	Drill Start:	Sept. 19, 2010
Northing (m):	5261149	Total Length:	240.74	Drill Finish:	Sept. 22, 2010
Elevation:	369 m	Core Size:	NQ	Page:	1 of 4

Notes: RMDH-10-02; 58 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

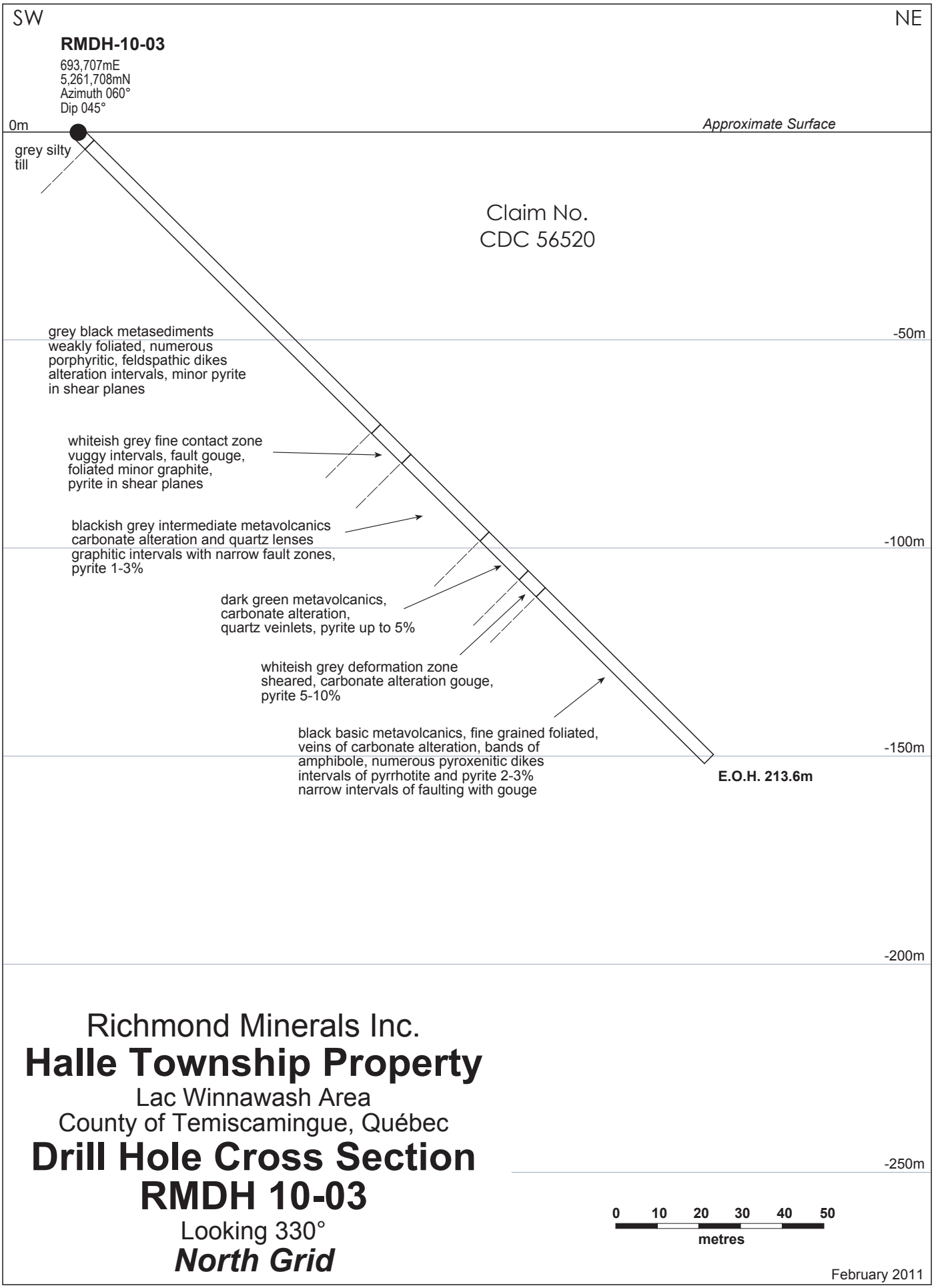
From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	1.00	**GREY SILTY TILL WITH COBBLE/BOULDERS OVERBURDEN**							
1.00	**22.10**	dark green to black inter to basic foliated **METAVOLCANICS**, with silicified and weak carb alteration bands with halos of green alteration mineral, occasional flecks and blebs of hematite in bands, narrow pyroxene dikes and occasional blocky quartz veining, bands commonly have disseminated pyh and minor pyx - similar to unit at end of RMDH-10-01, fine to med. Grained bands generally at 46-60 DTCA unit appears to be similar to unit at end of RMDH-10-01 - vuggy bands in upper part of unit (12m)							
2.57	3.34	interval with disseminated/blebs of pyh 2-3%	E5320611	2.57	3.34	0.77	50.50	0.01	73.3
14.80	15.20	broken blocky quartz vein - barren							
20..03	20.32	med. grained pyroxene dike, sharp upper/lower contacts at 45 DTCA							
20.83	20.62	as above							
21.57	22.10	interval with bands of pyh, up to 15 %, basic metavolcanic	E5320612	21.57	22.10	0.53	87.90	0.01	435.0
22.10	**29.50**	med-dark green foliated inter to basic **METAVOLCANICS** with darker micaceous bands, occasional silicified/carb alteration bands and quartz vein, 25 DTCA, frequent narrow broken blocky intervals							
29.50	***150.38***	as above, grey to black foliated basic **METAVOLCANICS**, bands generally at 45 DTCA, sharp sharp upper and lower contacts at 45 DTCA							
38.44	38.90	sugary quartz vein running parallel to core axis, barren							
39.10	*39.35*	quartz vein sharp upper/lower contacts at 45 DTCA							
41.90	42.63	coarse pyroxene dike sharp upper/lower contacts 45 DTCA							

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
43.24	44.35	fine grained metavolcanic with fine feldspar crystal (looks porphyritic) foliated with fine pyx deposited along shear planes 2-3%	E5320613	43.24	44.35	1.11	35.00	0.00	61.2
52.15	53.50	interval with bands of quartz veins with minor carb alteration, bands of amph, l and occasional blebs and stringers of pyx (1-2%), contacts/bands at 45 DTCA	E5320614	52.15	53.50	1.35	41.40	0.00	120.0
78.48	80.40	interval with quartz veining, and lenses, veins running parallel to CA, minor pyh,pyx (1-2 %)	E5320615	78.48	79.44	0.96	84.70	0.01	127.0
		, much broken blocky core	E5320616	79.44	80.40	0.96	76.10	0.01	115.0
87.18	88.13	basic interval with bands of pyh and amphibole, silicified interval at top of section, contacts @ 45 DTCA pyh 2-3 %	E5320617	87.18	88.13	0.95	37.40	0.00	104.0
88.37	89.34	as above less silicification pyh 1-2%	E5320618	88.37	89.34	0.97	32.00	0.00	97.4
		-unit becoming less altered, fewer bands, finer grained more basic							
96.47	96.65	broken fractured core, talcy feel to fracture planes, no sulphides							
110.21	111.00	bands of amphibole, pyx in shear planes, and silicified segments with pyx and disseminations and blebs 2-3 %	E5320619	110.21	111.00	0.79	45.70	0.00	104.0
113.00	113.71	bleached dike, foliated at 45 DTCA, porphyritic, elongated feldspars with mica sharp contacts 45 DTCA							
124.25	125.38	basic interval with narrow bands of pyx, amphibole, and weak silicified bands 1-2% pyx	E5320620	124.25	125.38	1.13	43.70	0.00	124.0
131.05	132.00	as above	E5320621	131.05	132.00	0.95	43.80	0.00	92.5
134.75	135.68	as above, more pyh 2-3 %	E5320622	134.75	135.68	0.93	33.70	0.00	95.1
137.50	138.45	as above, stronger sulphides 3-5% pyh/pyx, blebs and stringers at 45 DTCA	E5320623	137.50	138.45	0.95	42.80	0.00	111.0
138.45	139.34	as above, stronger sulphides 5-7% pyh/pyx, blebs and stringers at 45 DTCA	E5320624	138.45	139.34	0.89	35.30	0.00	109.0
139.34	140.92	as above 2-3% pyh/pyx	E5320625	139.34	140.92	1.58	34.00	0.00	102.0
140.92	142.17	as above	E5320626	140.92	142.17	1.25	35.80	0.00	103.0
142.17	143.02	as above, pyh stringers and disseminated pyx 3-5%	E5320627	142.17	143.02	0.85	65.50	0.01	366.0
143.02	144.00	as above 1-2% pyx	E5320628	143.02	144.00	0.98	58.90	0.01	75.7

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
144.00	144.96	as above, bands of massive pyh, minor pyx, 25%	E5320629	144.00	144.96	0.96	67.40	0.01	562.0
144.96	145.52	as above, massive sulphide band at end of interval overall 5% pyh	E5320630	144.96	145.52	0.56	110.00	0.01	378.0
150.38	**156.00**	green to black inter to basic **METAVOLCANICS**, with frequent alteration bands and patches with numerous narrow quartz veins at 45 DTCA, no sulphides, mottled appearance							
156.00	**165.94**	highly foliated and deformed graphitic grey/black **basic METAVOLCANICS**, with much blocky, broken	E5320631	156.00	156.94	0.94	2,480.00	0.25	1,010.0
		and sheared core frequent intervals of fault gouge, a large, mineralized fault zone with	E5320632	156.94	157.07	0.13	2,530.00	0.25	221.0
		intervals of massive pyh, minor pyx and (less magnetic), and minor cpx, overall 15%	E5320633	157.07	159.00	1.93	3,040.00	0.30	279.0
		becoming more talcy and grey with less fracturing towards bottom of interval	E5320634	159.00	160.20	1.20	1,430.00	0.14	320.0
		shearing varies from 25-45 DTCA, sulphides mostly as veinlets towards bottom	E5320635	160.20	161.20	1.00	275.00	0.03	371.0
			E5320636	161.20	162.00	0.80	225.00	0.02	611.0
159.00	161.20	mostly fault gouge with rubble - lost core?	E5320637	162.00	162.82	0.82	515.00	0.05	1,350.0
			E5320638	162.82	163.82	1.00	193.00	0.02	943.0
			E5320639	163.82	165.00	1.18	298.00	0.03	1,020.0
			E5320640	165.00	165.94	0.94	282.00	0.03	1,150.0
165.94	**171.40**	blackish grey schisty inter to **basic METAVOLCANICS** with amph bands that are weakly	E5320641	165.94	167.17	1.23	332.00	0.03	975.0
		magnetic, with disseminations of fine pyh and biotite, unit is quite soft	E5320642	167.17	168.06	0.89	380.00	0.04	983.0
			E5320643	169.43	170.89	1.46	62.40	0.01	962.0
171.40	**181.79**	dark green foliated basic **METAVOLCANICS** with silicified bands and high mica content, coarse grained, some intervals appear porphyritic with feldspar phenocrysts, sharp upper contact at 60 DTCA							
172.53	173.93	very find grained black ultrabasic interval, weakly foliated with fine stringers of pyx foliation/stringers at 60 DTCA, sharp upper lower contacts at 60 DTCA, 2-3%pyx	E5320644	172.53	174.00	1.47	1,780.00	0.18	318.00
175.10	176.01	biotite dike that is ground							
181.79	**220.73**	intercalated fine grained black basic **METAVOLCANICS** with dark green to black metavolcanics, alteration bands of carb and silicification, generally at 45 DTCA - fine disseminated pyh/pyx? and veinlets common, up to 10%							
181.79	182.19	interval with up to 25% pyh, minor pyx	E5320645	181.71	182.19	0.48	>10000	>1.00%	1,200.0
186.30	198.19	interval with disseminations of pyh, and blebs elongated at 45 DTCA, occasional cross-	E5320646	186.30	187.20	0.90	1,790.00	0.18	164.0
		cutting veinlets of pyx, overall 3 to 10% sulphides	E5320647	187.20	188.08	0.88	361.00	0.04	84.9
			E5320648	190.17	191.10	0.93	1,310.00	0.13	931.0
			E5320649	191.10	192.00	0.90	218.00	0.02	502.0

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5320650	192.00	193.49	1.49	91.90	0.01	642.0
			E5320651	193.49	195.00	1.51	104.00	0.01	551.0
			E5320652	195.00	196.49	1.49	111.00	0.01	605.0
			E5320653	196.49	197.76	1.27	30.60	0.00	665.0
			E5320654	197.76	198.19	0.43	82.10	0.01	613.0
213.29	*220.73*	as above	E5320655	213.29	214.71	1.42	92.30	0.01	504.0
			E5320656	214.71	216.13	1.42	56.10	0.01	767.0
			E5320657	216.13	217.60	1.47	40.30	0.00	979.0
217.60	*220.73*	more bleached interval, fault gouge towards bottom of interval, vuggy sections as well	E5320658	217.60	218.90	1.30	32.70	0.00	990.0
		contact zone, more carbonatized, graphitic	E5320659	218.90	220.73	1.83	106.00	0.01	823.0
220.73	***224.12***	black foliated graphitic **METAVOLCANICS**, fine grained, veinlets, blebs of pyx, pyh, sharp contacts	E5320660	220.73	222.00	1.27	7,010	0.70	340.0
		@ 50 DTCA, white blebs and veinlets of carb alteration, highly deformed, sulphides 5 -10 %	E5320661	222.00	223.13	1.13	4,230	0.42	292.0
		-core broken and blocky, bands of schisty material, looks like amphibole and biotite	E5320662	223.13	224.12	0.99	2,930	0.29	139.0
		banding at 30 DTCA towards bottom of layer							
224.12	***238.31***	med green with brown black bands inter to basic **METAVOLCANICS**, with minor pyx,pyh	E5320663	224.12	225.00	0.88	265.00	0.03	929.0
		bands and lenses are semi lustrous amphibole, also as lenses generally at 45 DTCA	E5320664	225.00	225.97	0.97	218.00	0.02	914.0
		and irregular pyx also as blebs along fracture planes, slightly vuggy interval with minor pyx.							
			E5320665	230.70	231.37	0.67	466.00	0.05	146.0
233.92	234.92	as in 220.73 - 224.12	E5320666	233.92	234.92	1.00	3,600	0.36	141.0
237.00	*238.31*	veinlets of pyx/pyh 3%, stronger amphibole	E5320667	237.00	238.13		81.90	0.01	29.3
238.31	***240.74***	intermediate to basic dark green black **METAVOLCANICS**, weakly foliated							
		EOH @ 240.74							

W Hawkins P.Eng.



Richmond Minerals Inc.

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Cross Section

RMDH 10-03

Looking 330°

North Grid

February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	North Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	0+75W	Logged By:	W. Hawkins (logged Oct.6-8, 2010)
Claim #:	CDC 56520 (NTS: 31M08)	Y co-ord.	4+00N	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-03	Bearing:	N 60 E	Dip Test (EOH):	-45 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	693707	Proposed Length:	175 m	Drill Start:	Sept. 24, 2010
Northing (m):	5261708	Total Length:	213.6	Drill Finish:	Sept. 27, 2010
Elevation:	320 m	Core Size:	NQ	Page:	1 of 3

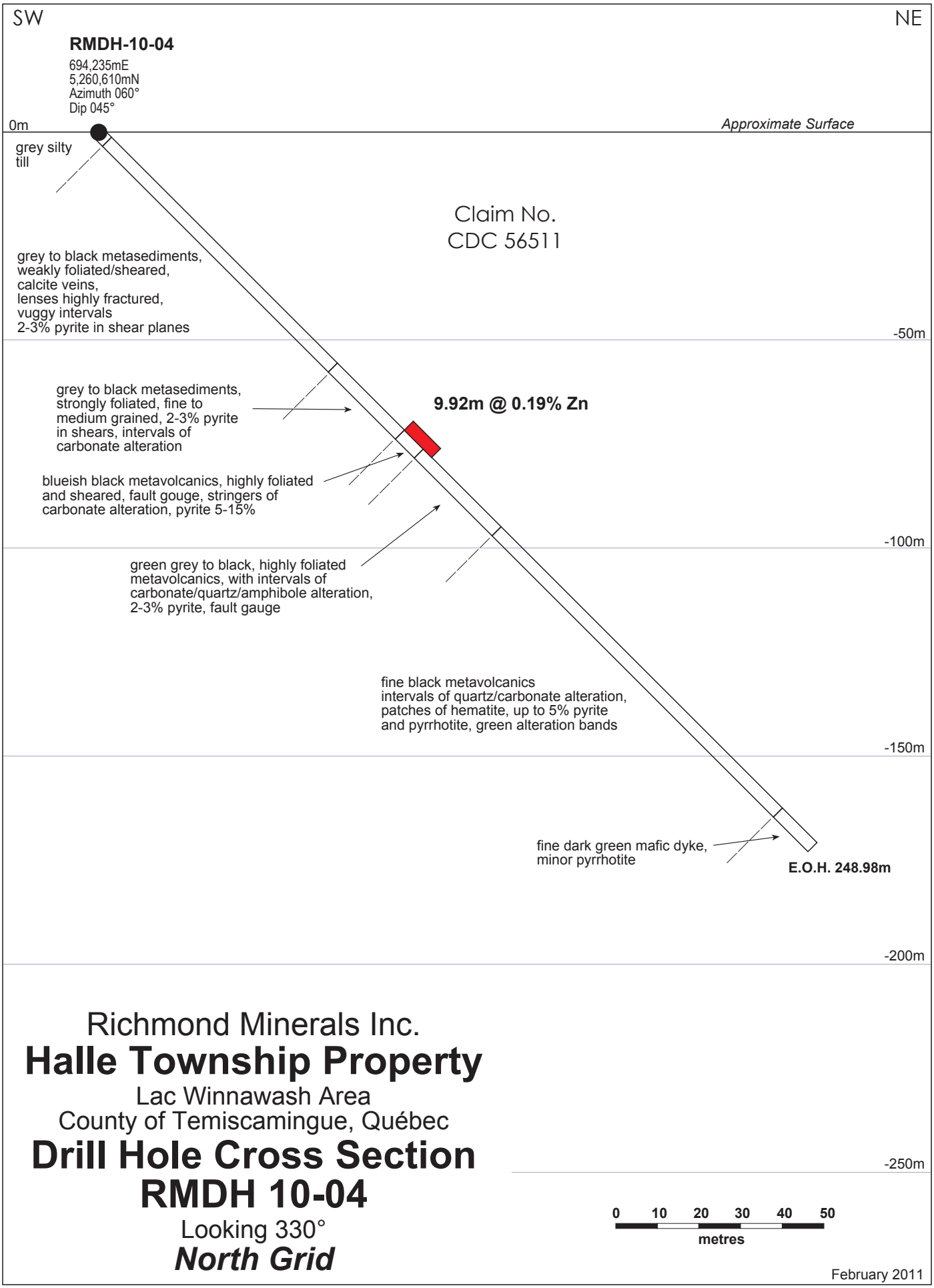
Notes: RMDH-10-03; 51 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	2.35	**GREY SILTY TILL WITH COBBLE/BOULDERS OVERBURDEN**							
2.35	**100.70**	grey to black **METASEDIMENTS**, weakly foliated 55 DTCA, occasional pyx blebs along bedding planes, fractures have chloritic, talcy feel, bedding, shearing @ 40-45 DTCA numerous porphyritic dikes(?) or feldspathic dikes near top of layer, sharp contacts at 60 DTCA occasional bleached intervals that are vuggy, numerous narrow (3-5 cm) quartz veins at 60 DTCA, dikes are 10 cm to 0.5 m in width, core is somewhat blocky and broken - fewer dikes, more homogeneous moving deeper in the layer, occasional pyx in fractures							
54.00	59.90	broken core and rubble fault zone with talcy fracture planes and minor carb alteration pyx in upper part of zone as blebs along planes 1-2%	E5320668	54.00	54.50	0.50	102.0	0.01	58.7
62.00	63.00	dike with pyx in fracture planes, narrow bleached silicified vein with disseminated pyx 1-2%	E5320669	62.00	63.00	1.00	89.8	0.01	104.0
72.86	74.40	as above	E5320670	72.86	73.13	0.27	93.5	0.01	51.7
			E5320671	73.53	74.63	1.10	169.0	0.02	76.9
			E5320672	74.63	75.40	0.77	80.7	0.01	85.6
97.43	100.70	fault rubble zone with much broken core, talcy fracture planes with occasional pyx bleb -narrow porphyritic dikes evident (10-20cm)							
100.70	***109.20***	bleached whitish grey foliated **CONTACT ZONE**, vuggy intervals with occasional bleb of pyx, quite talcy with occasional veinlets of graphite, patches, lenses and veinlets of carb alteration foliation at 45 DTCA, pyx common in fracture planes 1-2 , much fault gouge at mid-layer 1-2% pyx	E5320673	102.90	104.39	1.49	77.2	0.01	88.7
			E5320674	104.39	105.80	1.41	61.8	0.01	91.6
			E5320675	105.80	107.70	1.90	189.0	0.02	134.0
			E5320676	107.70	109.20	1.50	182.0	0.02	565.0
109.20	***137.50***	intermediate foliated blackish grey **METAVOLCANICS**, gradational upper contact, carb alteration with occasional quartz lenses and veinlets, pyx blebs common in shear planes -occasional pyroxenitic dike, 5-10 cm sharp contacts @45 DTCA	E5320677	109.20	110.24	1.04	95.3	0.01	80.7
			E5320678	110.24	111.56	1.32	79.6	0.01	72.7

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5320679	111.56	113.00	1.44	54.3	0.01	33.20
			E5320680	blank			17.5	0.00	11.2
		becoming more intermediate to basic at 117, sulphides becoming more common in shear planes							
		-silicification more common as well, overall pyx 2-3%	E5320681	116.80	117.86	1.06	67.1	0.01	42.5
			E5320682	118.30	120.00	1.70	88.0	0.01	75.6
			E5320683	120.00	121.45	1.45	47.5	0.00	48.1
122.25	*122.50*	black graphitic interval with carb alteration and blebs of pyh, broken blocky core	E5320684	121.45	122.69	1.24	243.0	0.02	62.3
			E5320685	122.69	124.18	1.49	60.2	0.01	25.7
126.00	*131.50*	much broken and blocky core, fault zone?	E5320686	124.18	125.75	1.57	58.2	0.01	25.0
			E5320687	125.75	126.84	1.09	62.2	0.01	40.0
			E5320688	126.84	128.04	1.20	48.4	0.00	44.0
			E5320689	128.04	129.53	1.49	45.9	0.00	34.3
137.50	***149.40***	med to dark green foliated **METAVOLCANICS** with moderate carb alteration, quartz veinlets and talcy	E5320690	136.50	138.00	1.50	38.2	0.00	42.9
		shear planes with pyrite blebs and disseminations, up to 5 %, several broken blocky core intervals	E5320691	138.00	140.32	2.32	30.7	0.00	59.7
		b/n 138 and 140.32 missing 0.5 metres core, also occasional cpx blebs with pyx	E5320692	140.32	141.23	0.91	107.0	0.01	69.8
			E5320693	141.23	142.22	0.99	115.0	0.01	509.0
			E5320694	142.22	143.51	1.29	25.6	0.00	366.0
143.51	*144.92*	bleached, carb interval with large blebs of pyh up to 5 cm (3%), with disseminations of pyx 5%	E5320695	143.51	144.92	1.41	28.7	0.00	474.0
		- interval also contains lenses of light green amphibole adjacent to pyh blebs, amphibole as alteration	E5320696	144.92	146.14	1.22	46.9	0.00	504.0
		bands as well	E5320697	146.14	147.40	1.26	235.0	0.02	765.0
		147.5-interval becoming darker grey, less carb alteration	E5320698	147.40	148.86	1.46	925.0	0.09	997.0
		- 147.5+ interval becoming darker grey	E5320699	148.86	149.40	0.54	774.0	0.08	728.0
149.40	***153.00***	whitish grey **deformation zone**, with veinlets and disseminations of pyx overall 5-10%	E5320700	149.40	150.44	1.04	742.0	0.07	468.0
		-heavy carb alteration, mostly as narrow veinlets, or lenses closely spaced, separated by	E5320701	150.44	151.70	1.26	1,120.0	0.11	527.0
		green amphibole and pyx veinlets, minor cpx as well	E5320702	151.70	153.00	1.30	284.0	0.03	724.0
		several narrow intervals of shear separations with fault gouge							
			E5320703	153.00	154.38	1.38	141.0	0.01	192.0
153.00	**158.08**	grey foliated **METAVOLCANICS,** weakly silicified with veinlets and disseminations of pyx,pyh and	E5320704	154.38	156.00	1.62	105.0	0.01	148.0
		minor cpx, narrow veinlets of carb, overall sulphides 10%	E5320705	156.00	157.05	1.05	72.6	0.01	203.0
151.70	*153.00*	-particularly heavy pyx, minor cpx up to 20 %	E5320706	157.05	158.08	1.03	66.2	0.01	108.0
153.00	156.00	as above with narrow bands of pyh as well							

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
158.87	*159.49*	as in 153-158.08	E5320707	158.87	159.49	0.62	87.6	0.01	109.0
158.08	***162.99***	late **PYROXENITIC DIKE,** homogenous and not foliated, sharp contacts @50 DTCA							
162.99	***179.04***	fine grained black basic **METAVOLCANICS**, foliated, very hard, narrow veinlets/lenses of carb quartz and brown/black amphibole, occasional veinlets/blebs and shear deposits of pyx/pyh							
172.90	*173.10*	broken core rubble zone							
174.68	*175.03*	pyroxenitic dike, sharp contacts @ 50 DTCA							
176.70	*177.07*	stronger bands of amphibole							
177.82	*178.30*	as above with quartz veining							
179.04	182.28	pyroxenitic dike with uneven contacts, narrow barren quartz veins with dike							
182.28	***213.16***	as in 162.99 to 179.04 with several pyroxenitic dike intrusions, bands of alteration and quartz veins up to 20 cm in width							
187.20	*188.40*	quartz vein/metavolcanic interval with disseminated pyx/pyh 2-3 %	E5320708	187.20	188.40	1.20	37.4	0.00	84.3
195.00	*195.92*	interval with veinlets and dissemination of pyx 2%	E5320709	195.00	195.92	0.92	38.4	0.00	102.0
198.55	200.12	slightly vuggy interval with several narrow quartz veins/lenses and 2-3% pyx blebs and veinlets	E5320710	198.55	199.23	0.68	47.0	0.00	108.0
			E5320711	199.23	200.12	0.89	67.4	0.01	111.0
205.60	*207.00*	as above, fault gouge	E5320712	205.60	207.00	1.40	43.3	0.0	95.1
203.00	207.50	broken blocky core with intervals of fault gouge							
213.60		**EOH @ 213.6**							

W. Hawkins P. Eng.



Richmond Minerals Inc.

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Cross Section

RMDH 10-04

Looking 330°

North Grid

February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	North Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	1+75W	Logged By:	W. Hawkins (logged Oct.9-16, 2010)
Claim #:	CDC 56511 (NTS: 31M08)	Y co-ord.	8+00S	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-04	Bearing:	N 60 E (@ EOH=72.7degrees)	Dip Test (EOH):	-45.3 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	694235	Proposed Length:	175 m	Drill Start:	Sept. 28, 2010
Northing (m):	5260610	Total Length:	248.98 m	Drill Finish:	Sept. 30, 2010
Elevation:	327	Core Size:	NQ	Page:	1 of 4

Notes: RMDH-10-04; 60 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

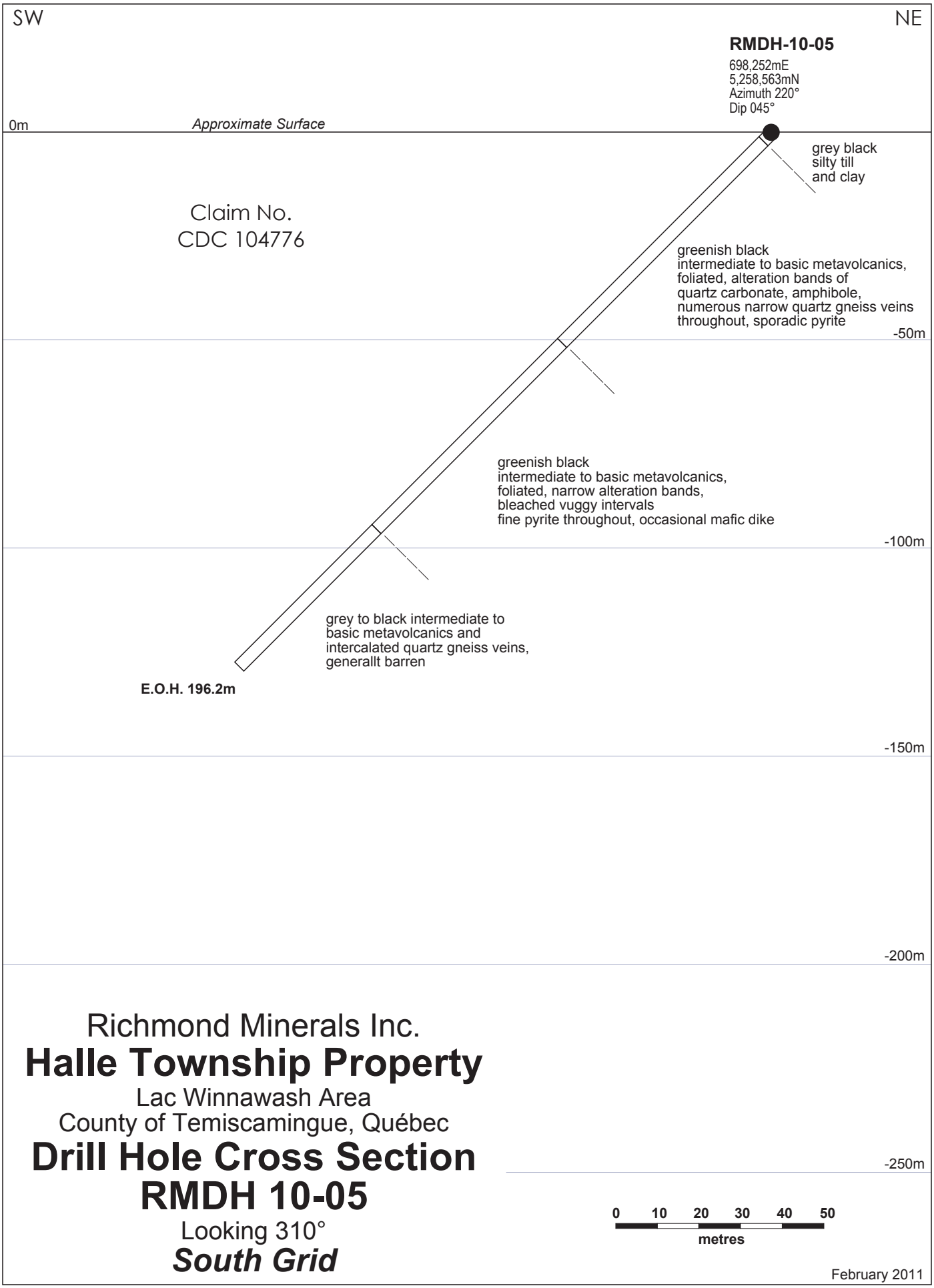
From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	3.00	**GREY SILTY TILL WITH COBBLE/BOULDERS OVERBURDEN**							
3.00	**82.00**	grey to black **METASEDIMENTS**, weakly foliated 55 DTCA, pyx blebs minor cpx/pyh along shear planes, numerous calcite veinlets and lenses, fractures generally have talcy feel	E5320713	9.00	10.23	1.23	79.2	0.01	66.6
		- overall core is highly fractures with frequent blocky ground intervals, veinlets of carb alteration	E5320714	10.23	11.20	0.97	83.6	0.01	85.9
		occasional bleached intervals that are vuggy, fault gouge as well, occasional weathered pyx in shears	E5320715	11.20	12.18	0.98	102.0	0.01	95.7
12.10	13.50	silicified mafic dike, fractured, with veinlets and blebs of pyx, minor cpx, yellow mica in quartz lenses 2-3% sulphides	E5320716	12.10	13.50	1.40	57.9	0.01	69.1
			E5320717	13.50	14.28	0.78	78.3	0.01	99.2
		-overall from 9 -40 m sulphides 2-3% where sampled	E5320718	14.28	15.64	1.36	47.2	0.00	98.0
			E5320719	15.64	16.92	1.28	59.8	0.01	67.5
			E5320720	16.92	18.34	1.42	74.5	0.01	92.8
			E5320721	18.34	19.75	1.41	83.9	0.01	82.2
			E5320722	19.75	21.18	1.43	92.9	0.01	90.4
			E5320723	21.18	22.85	1.67	75.5	0.01	76.0
			E5320724	22.85	24.23	1.38	86.9	0.01	80.9
			E5320725	24.23	25.70	1.47	63.6	0.01	63.7
			E5320726	25.70	26.67	0.97	95.8	0.01	87.7
			E5320727	26.67	28.47	1.80	85.2	0.01	96.7
			E5320728	33.16	34.40	1.24	63.4	0.01	55.3
			E5320729	35.60	36.35	0.75	86.9	0.01	75.2
			E5320730	36.35	37.10	0.75	87.8	0.01	84.2
			E5320731	37.10	38.46	1.36	71.9	0.01	64.5
		-after 39 m, core becoming less fractured, more massive	E5320732	38.46	39.73	1.27	75.5	0.01	68.3
45.24	45.34	coarse quartz vein with abundant yellow mica, sharp contacts @ 50 DTCA - looks like a breccia with inclusions of wall rock							

			Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
52.71	*52.94*	broken core rubble zone							
57.20	57.33	as in 45.24 - 45.34							
58.30	*58.58*	as above							
63.06	*64.33*	as above, sheared, pyx blebs and carb in shear planes, sharp contacts at 80 DTCA	E5320733	63.00	64.33	1.33	56.3	0.01	10.30
69.13	69.25	as above no shearing or pyx							
71.40	*73.58*	after 71.4 m becoming more bleached, altered with pyx in shear planes 2 %	E5320734	71.40	72.43	1.03	91.3	0.01	94.50
			E5320735	72.43	73.58	1.15	111.0	0.01	97.70
73.58	*75.78*	as in 63.06 - 64.33, less sulphide, carb contacts sharp @ 85, 50 DTCA	E5320736	73.58	75.00	1.42	142.0	0.01	4.30
			E5320737	75.00	75.78	0.78	104.0	0.01	1.80
82.00	***87.60***	strongly foliated grey black **METASEDIMENTS** with talcy shear planes, with pyx blebs in shears,	E5320738	82.00	83.23	1.23	24.1	0.00	59.40
		occasional narrow quartz carb vein cross cutting shearing, pyx becoming	E5320739	83.23	84.50	1.27	43.4	0.00	50.10
		less prevalent towards bottom of interval	E5320740	84.50	85.51	1.01	54.3	0.01	55.80
87.60	***104.08***	grey black weakly foliated **METASEDIMENTS**, fine to med grained							
91.19	*95.35*	much broken and ground core, fault zone, pyx blebs in fracture/shear planes, missing core	E5320741	93.20	95.00	1.80	87.3	0.01	77.40
		strong carb alteration in fractures							
98.40	*99.00*	med to coarse silicified gneissic interval with yellow sericite flakes. Sharp contacts 45 and 90 DTCA							
100.70	*101.33*	as above broken contacts at 45 DTCA							
103.16	*104.08*	more foliated interval, bleached with more carb alteration and 2-3% pyx, minor cpx? Veinlets of carb	E5320742	103.16	104.08	0.92	232.0	0.02	61.90
		as well							
104.08	***109.08***	foliated bluish black graphitic **METAVOLCANICS**, veinlets blebs of pyx, minor cpx 5-15% in shears	E5320743	104.08	105.00	0.92	1,140	0.11	83.90
		upper contact sharp @ 60 DTCA, narrow intervals of fault gouge, narrow stringers of carb alteration	E5320744	105.00	105.80	0.80	1,320	0.13	82.90
		in shears 60 DTCA, vuggy intervals as well with strong sulphide content	E5320745	105.80	106.96	1.16	1,020	0.10	54.10
		- hand specimen 109.1 m	E5320746	106.96	108.00	1.04	2,140	0.21	126.00
			E5320747	108.00	109.08	1.08	2,120	0.21	167.00

			Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
109.08	***114.00***	foliated grey **METAVOLCANICS**, no graphite and more silicified and bleached then above,	E5320748	109.08	109.88	0.80	2,390	0.24	137.0
		carb amph banding, sometimes parallel to CA, 3 to 5 % pyx/cpx in blebs, veinlets and disseminations	E5320749	109.88	111.00	1.12	3,660	0.37	183.0
		bands of brownish black amphibole evident after 111m, less sulphides 3-5%	E5320750	111.00	112.46	1.46	1,060	0.11	149.0
		- stronger sulphide content 112.50 to 113.35 with minor hematite staining? Hand specimen 113.1	E5320751	112.46	113.35	0.89	3,930	0.39	471.0
		-sulphide content drops off after 113.35 m	E5320752	113.35	114.00	0.65	366.0	0.04	1,110.0
114.00	***125.60***	green blue black foliated **METAVOLCANICS** with intervals of prominent blue/green to black intervals of amph/ carb alteration and lenses of quartz/carb, occasional pyx blebs in shear planes							
123.00	*125.60*	intensely banded interval with occasional blebs/veinlets of pyx 2%	E5320753	123.00	124.38	1.38	155.0	0.02	824.0
			E5320754	124.38	125.60	1.22	1,410.0	0.14	395.0
			E5320755	blank			21.60	0.00	19.0
125.60	***137.80***	foliated green grey **METAVOLCANICS**, less amph, very talcy (almost like chalk) with much carb alteration, occasional veinlets and dissemination of pyh/pyx, bleached vuggy gougy intervals,	E5320756	128.00	129.48	1.48	54.0	0.01	1,310.0
		alteration bands can be quite narrow with veinlets/lenses of carb/quartz, overall sulphides 2%	E5320757	129.48	130.62	1.14	728.0	0.07	418.0
		-occasional veinlets of brown carb (ankerite?), foliation 60 to 90 DTCA	E5320758	130.62	132.00	1.38	71.9	0.01	713.0
		128-132.6- bleached interval with fault gouge, and pyx veinlets 2-3%	E5320759	132.00	133.54	1.54	107.0	0.01	690.0
137.80	***236.12***	fine grained black **METAVOLCANICS**, silicified with lenses/veinlets of quartz/carb at 80-90 DTCA	E5320760	137.80	138.75	0.95	6,840.0	0.68	1,160.0
		occasional bands/patches of hematite, pyh/pyx disseminations and blebs as veinlets, interval much	E5320761	138.75	140.10	1.35	99.4	0.01	1,090.0
		harder then previous zones, sulphides up to 5% where sampled, sharp upper contacts at 90 DTCA	E5320762	140.10	141.09	0.99	761.0	0.08	497.0
		bands of green alteration becoming more abundant after 153m, more of a talcy feel	E5320763	141.09	142.45	1.36	2,370.0	0.24	781.0
			E5320764	142.45	143.92	1.47	1,560.0	0.16	558.0
162.89	165.16	bleached fractured interval with narrow hematite bands and pyh/pyx veinlets 2-3%	E5320765	162.89	164.06	1.17	106.0	0.01	96.70
			E5320766	164.06	165.16	1.10	129.0	0.01	81.00
167.55	169.46	interval with blebs and veinlets of pyh, occasional hematite veinlets and blebs	E5320767	167.55	168.51	0.96	44.0	0.00	53.00
			E5320768	168.51	169.46	0.95	33.2	0.00	44.30
178.21	180.32	interval with blebs of pyh 5%,m within green alteration bands	E5320769	178.21	179.50	1.29	38.4	0.00	52.60
			E5320770	179.50	180.32	0.82	34.4	0.00	51.60
184.70	*186.25*	as above	E5320771	184.70	185.45	0.75	35.3	0.00	50.80
			E5320772	185.45	186.25	0.80	26.4	0.00	40.20

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
192.92	195.00	as above	E5320773	192.92	194.02	1.10	37.0	0.00	51.10
			E5320774	194.02	195.00	0.98	33.8	0.00	48.10
195.32	196.05	mafic dike with elongated fine feldspars, sharp upper/lower contacts at 80 DTCA							
203.00	203.42	broken vuggy quartz carb vein, barren, sharp contacts 75 DTCA							
213.25	214.40	quartz vein, sharp contacts DTCA, barren							
225.90	227.25	broken core rubble zone							
234.80	235.43	interval with minor hematite/pyh blebs							
236.12	**243.34**	fine grained dark green **MAFIC DIKE**, sharp contacts at 75 DTCA, occasional narrow quartz vein, pyh blebs and stringers less than 1 %							
243.34	**248.64**	**as in 137.80 to 236.12 m**							
248.64	248.98	dark green mafic dike, med. Grained							
		EOH @ 248.98							

W Hawkins P. Eng.


SW
NE
RMDH-10-05
698,252mE
5,258,563mN
Azimuth 220°
Dip 045°
0m
Approximate Surface
grey black
silty till
and clay
Claim No.
CDC 104776
greenish black
intermediate to basic metavolcanics,
foliated, alteration bands of
quartz carbonate, amphibole,
numerous narrow quartz gneiss veins
throughout, sporadic pyrite
-50m
greenish black
intermediate to basic metavolcanics,
foliated, narrow alteration bands,
bleached vuggy intervals
fine pyrite throughout, occasional mafic dike
-100m
grey to black intermediate to
basic metavolcanics and
intercalated quartz gneiss veins,
generallt barren
E.O.H. 196.2m
-150m
-200m
-250m
Richmond Minerals Inc.
Halle Township Property
Lac Winnawash Area
County of Temiscamingue, Québec
Drill Hole Cross Section
RMDH 10-05
Looking 310°
South Grid
0 10 20 30 40 50
metres
February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	South Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	1+50N	Logged By:	W. Hawkins (logged Oct.28-30, 2010)
Claim #:	CDC 104776 (NTS:31M08)	Y co-ord.	3+00W	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-05	Bearing:	220	Dip Test (EOH):	-43.3
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	5258563	Proposed Length:	175 m	Drill Start:	Oct.10, 2010
Northing (m):	698252	Total Length:	196.2 M	Drill Finish:	Oct. 15, 2010
Elevation:	387	Core Size:	NQ	Page:	1 of 3

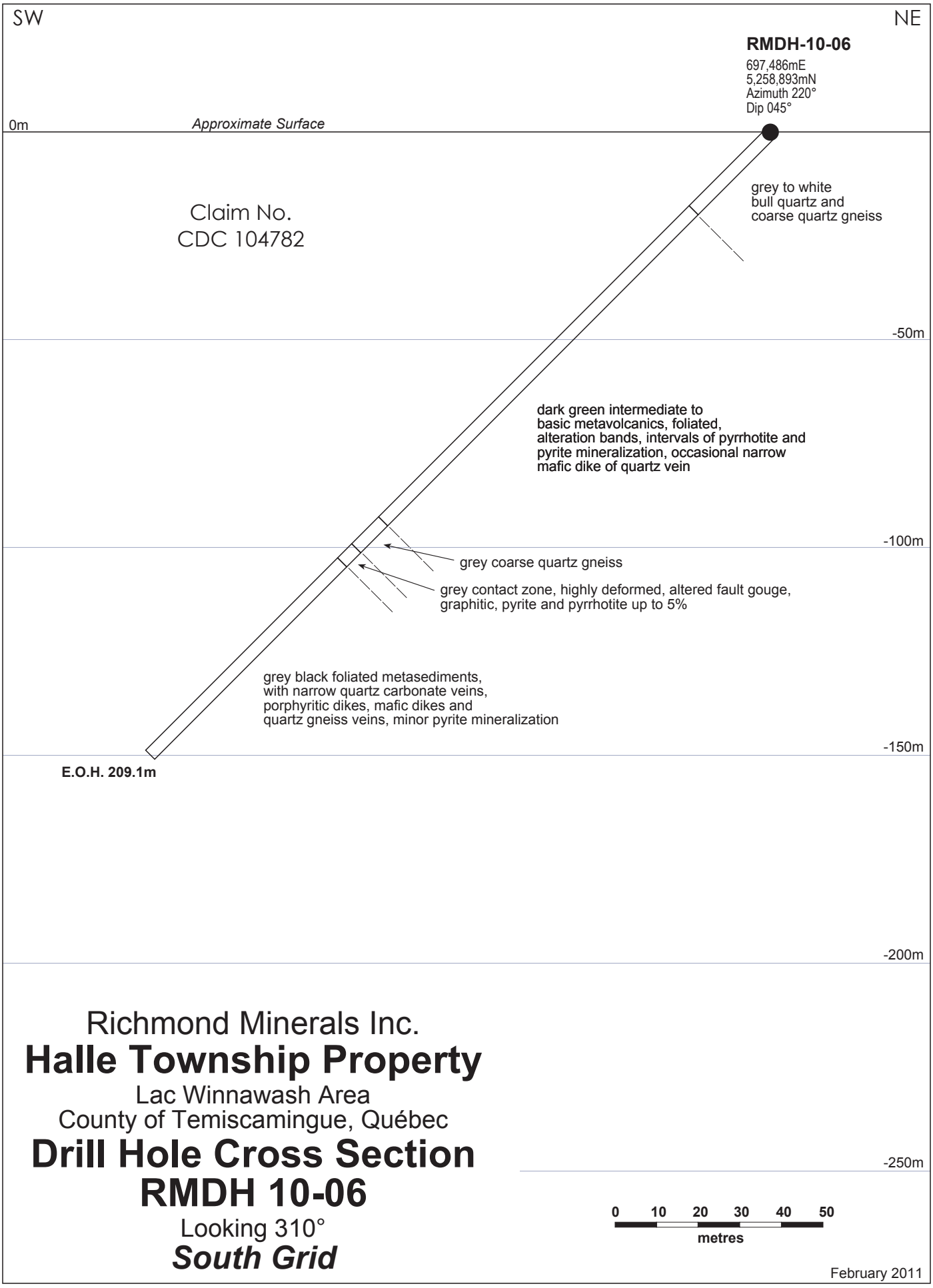
Notes: RMDH-10-05; 52 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	**3.00**	casing-overburden, grey black silty till and clay							
3.00	**26.40**	greenish black inter to basic **METAVOLCANICS**, foliated, with bands of alteration consisting qtz/carb green amphibole, narrow bands of black amphibole, bleached intervals common, med grain shearing, alteration bands @ 45 DTCA, minor pyx blebs is fracture planes <1% several intervals of broken blocky core							
26.40	**27.08**	greenish black porphyritic dike, phenocrysts of feldspar, sharp contacts 40 DTCA sheared at 40 DTCA							
27.08	**27.95**	black **METAVOLCANIC BRECCIA**, 1% pyx in fractures, qtz lenses, gradational irregular lower contact	E5293059	27.08	27.92	0.84	35.50	0.00	92.10
27.95	**29.30**	bleached, highly sheared and foliated contact zone, much carb/amph (green) alteration, vuggy intervals pyx deposition in shear planes 2-3%, overall talcy feel, grades into quartz gneiss vein	E5292960	27.92	29.30	1.38	39.30	0.00	102.00
29.30	**30.06**	pinkish grey **QUARTZ GNEISS VEIN**, broken, barren							
30.06	**41.14**	greenish black inter to basic **METAVOLCANICS**, foliated, with bands of alteration consisting qtz/carb green amphibole, narrow bands of black amphibole, bleached intervals common, med grain							
30.06	30.85	bleached vuggy interval with minor pyx 1-2%	E5292961	30.06	30.85	0.79	74.90	0.01	111.00
33.35	***34.00***	pink quartz gneiss vein, blocky, broken irregular contacts							
34.00	*36.00*	heavily carbonatized, vuggy contact zone							
36.00	*39.58*	fractured zone with pyx in shear planes as blebs 1-2%, bleached	E5292962	36.00	36.97	0.97	59.50	0.01	108.00
			E5292963	36.97	38.33	1.36	67.50	0.01	123.00
			E5292964	38.33	39.60	1.27	81.00	0.01	107.00

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
41.14	***43.43***	pink **QUARTZ GNEISS VEIN**, blocky, broken irregular contacts, coarse							
43.43	**44.68**	black fine grained basic **METAVOLCANICS** with pyx in fracture planes 2-3 %	E5292965	43.43	44.68	1.25	51.80	0.01	102.00
44.68	***46.20***	pink **QUARTZ GNEISS VEIN**, blocky, broken irregular upper contacts, lower contact sharp at 20 DTCA							
45.00	46.00	broken interval with pyx blebs along fracture planes	E5292966	45.00	46.00	1.00	12.80	0.00	5.60
46.20	***47.24***	black fine grained basic **METAVOLCANICS** with pyx in fracture planes 2-3 %	E5292967	46.20	47.24	1.04	51.70	0.01	100.00
49.00	*49.62*	pink QUARTZ GNEISS VEIN, blocky, broken irregular upper contacts, lower contact sharp at 20 DTCA							
49.62	***52.05***	black fine grained basic **METAVOLCANICS** with pyx in fracture planes 2-3 %							
51.06	*51.26*	broken blocky grey quartz vein with pyx blebs in fractures 3-5%	E5292968	51.06	52.05	0.99	55.10	0.01	95.30
52.05	**54.00**	pink **QUARTZ GNEISS VEIN**, broken upper contact @ 20 DTCA, lower @ 40							
54.00	***61.96***	greenish black inter to basic **METAVOLCANICS**, foliated, with narrow bands of alteration consisting black amphibole, narrow bleaching, relatively homogenous, occasional narrow vuggy carb interval							
61.96	***72.25***	greenish black, med to coarse **METAVOLCANICS** , bleached, weakly foliated @ 40 DTCA, occasional qtz vein, veinlets of carb alteration, crystals of pyroxene orientated parallel to shearing, occasional pyx bleb in fracture planes, sharp contacts upper 45, lower 20 DTCA							
61.22	*62.80*	pyx blebs in fracture planes, weak disseminations 2-3 %	E5292969	61.22	62.80	1.58	74.60	0.01	116.00
72.25	***136.00***	greenish black inter to basic **METAVOLCANICS**, foliated, with narrow bands of alteration consisting black amphibole, and bleached vuggy carb intervals 1m or less, fine to med grain shearing @ 20 to 40 DTCA, narrow silicified bands as well, fine pyx disseminations throughout <1%							
72.25	77.00	interval with much bleaching, vuggy carb alteration, blocky, pyx as blebs in fracture planes and as fine disseminations, 3 %	E5292970	72.25	73.51	1.26	79.00	0.01	123.00
			E5292971	73.51	74.71	1.20	84.50	0.01	96.90
			E5292972	74.71	76.00	1.29	372.00	0.04	140.00
			E5292973	76.00	77.00	1.00	43.30	0.00	114.00

Richmond Minerals Inc. RMDH-10-5 (cont'd)										
From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
86.90	*87.10*	blocky interval, vuggy, with pyx blebs in fractures							
		87+ becoming more homogeneous							
125.25	*125.60*	qtz carb alteration with green amphibole, vuggy, minor pyx							
132.63	*132.94*	mafic dike with feldspars parallel to foliation, sharp contacts @ 40 DTCA							
135.35	*136.00*	coarse purplish qtz vein with interbedded volcanics and minor disseminated pyx 1-2%, sharp contacts @ 30 DTCA							
136.00	**178.83**	grey black inter to basic **METAVOLCANICS**, foliated, with occasional narrow bands of alteration consisting of green amphibole with qtz, and bleaching, fine grain, foliation @ 15 DTCA							
141.20	*144.00*	narrow bands of green amphibole with qtz and blebs pyh mineralization 2%	E5292974	141.20	142.52	1.32	23.10	0.00	100.00
			E5292975	142.52	144.00	1.48	42.50	0.00	94.10
			E5292976	blank			1.80	0.00	2.20
146.80	147.00	blocky core, minor fault							
157.29	*157.70*	pink qtz vein, barren, sharp contacts @ 80 DTCA							
178.83	***180.72***	pinkish grey **QUARTZ GNEISS VEIN** barren, sharp contacts @ 90, coarse							
180.72	**182.10**	grey bleached inter to basic **METAVOLCANICS**, barren, bands of silicification running parallel to CA							
182.10	***183.30***	pinkish grey **QUARTZ GNEISS**, barren, sharp contacts @80, coarse, blocky							
183.30	**189.75**	grey bleached **METAVOLCANICS**, barren, narrow bands of silicification running 45 DTCA some bleaching, occasional narrow grey pink QUARTZ GNEISS vein							
189.75	**190.79**	white grey **QUARTZ GNEISS**, sharp contacts 60 DTCA							
190.79	**192.31**	grey bleached **METAVOLCANICS**, barren, narrow bands of silicification running 45 DTCA some bleaching							
192.31	***196.20***	white grey **QUARTZ GNEISS**, coarse, sharp upper contact 80 DTCA EOH @ 196.20							

W Hawkins P. Eng.



Richmond Minerals Inc.

Halle Township Property

Lac Winnawash Area

County of Temiscamingue, Québec

Drill Hole Cross Section

RMDH 10-06

Looking 310°

South Grid

February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	South Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	0+50S	Logged By:	W. Hawkins (logged Oct.16-17, 2010)
Claim #:	104782 (NTS:31M08)	Y co-ord.	12+00W	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-06	Bearing:	220	Dip Test (EOH):	-45.3 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	697486	Proposed Length:	175 m	Drill Start:	Oct. 6, 2010
Northing (m):	5258893	Total Length:	209.1	Drill Finish:	Oct. 8, 2010
Elevation:	369	Core Size:	NQ	Page:	1 of 4

Notes: RMDH-10-06; 51 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

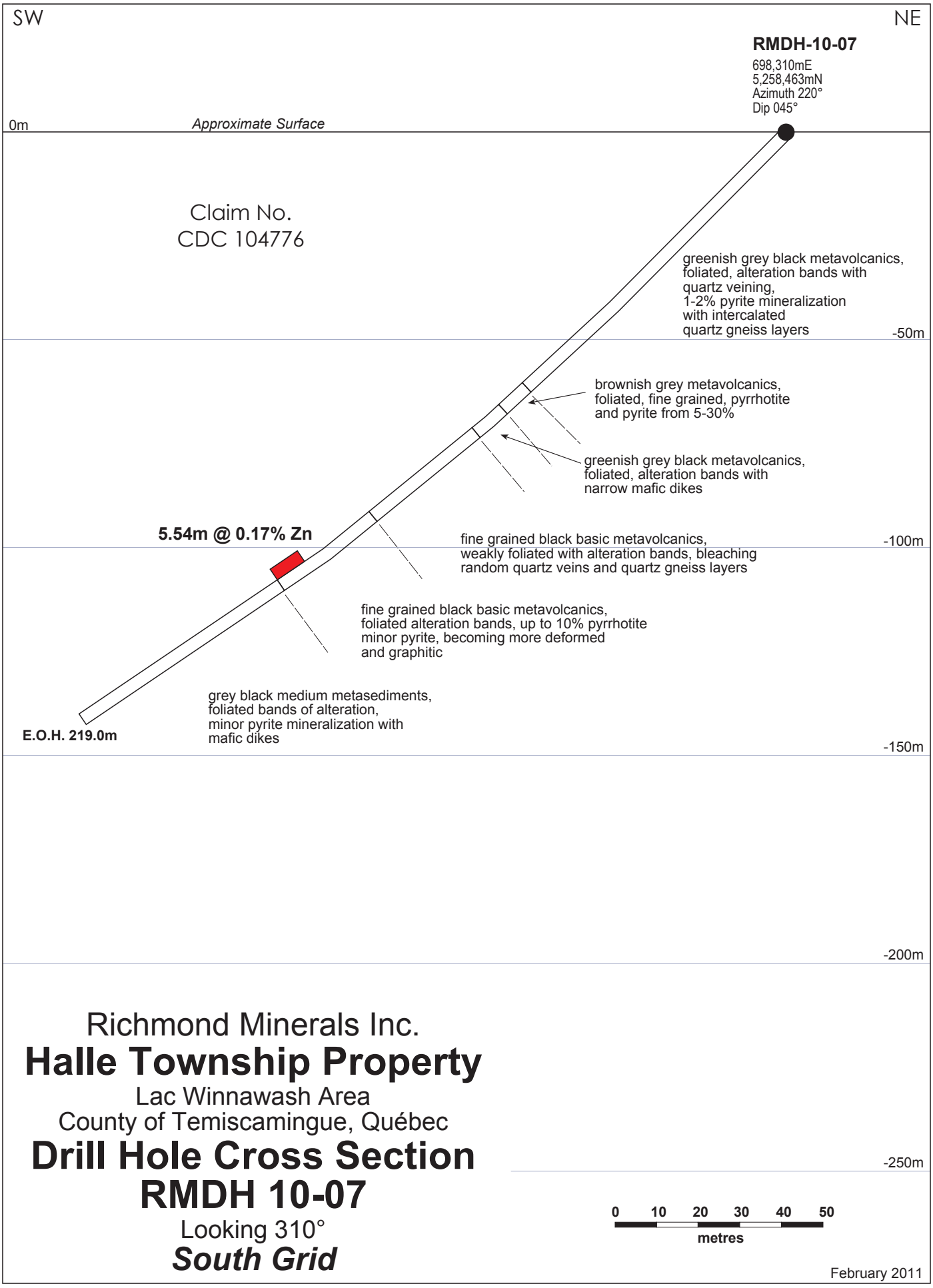
From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Ni (ppm)*
0.00	**26.78**	grey to white bull **QUARTZ, and coarse QUARTZ GNEISS**, much broken ground core and rubble patches of mica, barren, after 15m becoming more gneissic and less fractured							
26.78	**30.00**	dark green to grey foliated inter to basic **METAVOLCANICS**, sharp upper contact @ 35 DTCA, brown staining at upper contact, narrow bands of quartz along shearing (45 DTCA), becoming fine elongated lenses towards bottom of layer							
30.00	**41.50**	dark green to grey inter to basic **METAVOLCANICS**, weakly foliated, occasional veinlets of quartz parallel to shearing @ 40 DTCA							
30.25	30.67	broken core fault zone							
40.73	41.50	fine grained mafic dike, sharp contacts @ 45 DTCA							
41.50	**61.70**	dark green inter to basic **METAVOLCANICS** with bands of pyh, also disseminations and veinlets, bands of black/green amph, quartz veins common as well overall pyh 5%, minor pyx in shear planes, hand specimen 42.4-42.6 m, pyh =25%, mag response variable in pyh	E5320775	41.50	42.63	1.13	85.80	0.01	75.3
			E5320776	42.63	43.79	1.16	61.80	0.01	102.0
			E5320777	43.79	45.00	1.21	66.20	0.01	108.0
			E5320778	45.00	46.37	1.37	78.60	0.01	113.0
46.37	48.00	silicified quartzy interval with pyh 25%	E5320779	46.37	47.24	0.87	38.90	0.00	60.0
			E5320780	47.24	48.00	0.76	68.20	0.01	53.3
			E5320781	48.00	49.14	1.14	31.00	0.00	94.6
			E5320782	49.14	50.50	1.36	40.20	0.00	56.7
50.50	*51.60*	silicified quartzy interval with up to 20% pyh	E5320783	50.50	51.60	1.10	19.60	0.00	66.6
			E5320784	51.60	52.81	1.21	34.60	0.00	68.5
			E5320785	52.81	54.00	1.19	37.60	0.00	42.7
			E5320786	54.00	55.34	1.34	47.90	0.00	61.1
			E5320787	55.34	56.83	1.49	26.40	0.00	34.7
			E5320788	56.83	58.26	1.43	24.50	0.00	46.7

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5320789	58.26	59.16	0.90	39.3	0.00	110.0
			E5320790	59.16	60.00	0.84	61.6	0.01	112.0
			E5320791	60.00	60.80	0.80	49.8	0.00	92.2
			E5320792	60.80	61.70	0.90	28.5	0.00	94.0
61.70	**131.80**	dark green inter to basic **METAVOLCANICS**, bands of black/green amph/quartz/carb alteration and silicified intervals with weak smoky hematite staining containing blebs and disseminations of pyh, minor pyx, foliated at 30 DTCA							
67.18	*71.83*	- silicified interval containing weak hematite staining and blebs of pyh 3-5%, parallel to shearing	E5320793	67.18	68.05	0.87	57.5	0.01	111.0
			E5320794	68.05	69.00	0.95	19.3	0.00	82.4
			E5320795	69.00	69.98	0.98	19.4	0.00	90.7
			E5320796	69.98	70.97	0.99	58.0	0.01	118.0
			E5320797	70.97	71.83	0.86	85.9	0.01	109.0
73.91	79.64	as above, pyh and pyx, generally as fine disseminations and blebs in quartz/carb lenses parallel to shears, overall 5 %	E5320798	73.91	75.00	1.09	73.3	0.01	109.0
			E5320799	75.00	76.23	1.23	51.2	0.01	110.0
			E5320800	76.23	77.54	1.31	59.5	0.01	111.0
			E5320801	77.54	78.75	1.21	52.4	0.01	101.0
			E5320802	78.75	79.65	0.90	72.7	0.01	103.0
79.64	*80.40*	fine grained dark green mafic dike, sharp contacts at 45 DTCA							
82.90	*86.93*	as in 73.91 to 79.65	E5320803	82.90	84.00	1.10	58.9	0.01	107.0
			E5320804	84.00	85.33	1.33	75.1	0.01	106.0
			E5320805	85.33	86.09	0.76	61.5	0.01	109.0
			E5320806	86.09	86.93	0.84	46.8	0.00	106.0
98.43	104.08	as above	E5320807	98.43	99.50	1.07	44.4	0.00	114.0
			E5320808	99.50	100.39	0.89	97.0	0.01	99.2
			E5320809	100.39	101.24	0.85	32.9	0.00	89.2
			E5319260	101.24	102.00	0.76	12.2	0.00	85.4
			E5319261	102.00	103.10	1.10	13.9	0.00	73.4
			E5319262	103.10	104.08	0.98	34.1	0.00	103.0
			E5319263	blank			14.5	0.00	11.4

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
111.80	113.80	as above, 3% pyh, pyx, 113.19-113.56 bull quartz with pyh/pyx veinlets along contacts, sharp 45 DTCA, hematite staining?	E5319264	111.80	112.85	1.05	47.6	0.00	99.8
			E5319265	112.85	113.80	0.95	30.6	0.00	72.3
122.17	123.64	as above 3 % pyh,pyx, fine veinlets along quartz contacts	E5319266	122.17	123.64	1.47	52.9	0.01	115.0
123.64	125.10	bull quartz vein, with occasional blebs of pyh, contacts sharp @ 45 DTCA	E5319267	123.64	125.10	1.46	20.4	0.00	13.8
125.10	131.80	as in 122.17 to 123.64	E5319268	125.10	126.29	1.19	85.6	0.01	120.0
			E5319269	126.29	127.22	0.93	60.4	0.01	125.0
			E5319270	127.22	128.10	0.88	75.2	0.01	130.0
			E5319271	128.10	129.00	0.90	81.0	0.01	144.0
			E5319272	129.00	129.98	0.98	98.6	0.01	147.0
			E5319273	129.98	130.85	0.87	121.0	0.01	94.6
			E5319274	130.85	131.80	0.95	84.2	0.01	130.0
131.80	**137.50**	white grey coarse **QUARTZ GNEISS**, general blocky, barren, sharp upper contact at 45 DTCA gradational lower contact							
137.50	**143.50**	grey bleached **CONTACT ZONE**, highly deformed with much black amphibole bands, carb alteration, core generally quite blocky, talcy feel to fractures, pyx blebs in shear planes, much fault gouge and graphitic in some intervals, occasional random veinlets/blebs of pyx/pyh overall 3-5% gradational upper and lower contacts	E5319275	137.50	138.84	1.34	196.0	0.02	109.0
			E5319276	138.84	140.05	1.21	187.0	0.02	749.0
			E5319277	140.05	141.00	0.95	793.0	0.08	821.0
			E5319278	141.00	142.30	1.30	781.0	0.08	422.0
143.50	***189.70***	grey black foliated **METASEDIMENTS** with occasional random quartz carb veins minor pyx blebs in shear planes, narrow porphyritic dikes common typically 5-25 cm wide @ 40 DTCA with sharp contacts, overall shearing at 40 DTCA							
178.30	*178.75*	broken blocky core minor fault zone							
189.70	***191.17***	greyish white coarse **QUARTZ GNEISS**, deformed upper gradation contact, lower contact sharp @ 80 DTCA, inclusions of yellowish mica, barren							
191.17	**194.14**	grey med to fine **MAFIC DIKE**, silicified/carb alteration bands at top of zone running parallel to CA barren							

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
194.14	***209.10***	grey black foliated **METASEDIMENTS** with occasional random quartz carb veins minor pyx blebs in shear planes, narrow porphyritic dikes common typically 5-10 cm wide **EOH @ 209.10**							

W Hawkins P. Eng.


SW
NE
RMDH-10-07
698,310mE
5,258,463mN
Azimuth 220°
Dip 045°
0m
Approximate Surface
Claim No.
CDC 104776
greenish grey black metavolcanics, foliated, alteration bands with quartz veining, 1-2% pyrite mineralization with intercalated quartz gneiss layers
-50m
brownish grey metavolcanics, foliated, fine grained, pyrrhotite and pyrite from 5-30%
greenish grey black metavolcanics, foliated, alteration bands with narrow mafic dikes
5.54m @ 0.17% Zn
fine grained black basic metavolcanics, weakly foliated with alteration bands, bleaching random quartz veins and quartz gneiss layers
-100m
fine grained black basic metavolcanics, foliated alteration bands, up to 10% pyrrhotite minor pyrite, becoming more deformed and graphitic
grey black medium metasediments, foliated bands of alteration, minor pyrite mineralization with mafic dikes
E.O.H. 219.0m
-150m
-200m
-250m
Richmond Minerals Inc.
Halle Township Property
Lac Winnawash Area
County of Temiscamingue, Québec
Drill Hole Cross Section
RMDH 10-07
Looking 310°
South Grid
0 10 20 30 40 50
metres
February 2011

RICHMOND MINERALS INC.

Property Name:	Halle Township	Grid Coordinates	South Grid	Core Stored At:	Moffet Core Shack
Locality Name:	Belleterre, Quebec	X co-ord.	1+50N	Logged By:	W. Hawkins (logged Oct.26-28, 2010)
Claim #:	104776 (NTS: 31M08)	Y co-ord.	3+00W	Drilled By:	Magma Drilling, Noranda
Hole #:	RMDH-10-07	Bearing:	220	Dip Test (EOH):	-34.4 degrees
UTM	Zone 17	Inclination:	-45 degrees	Sample type:	Split Core with Diamond Saw
Easting (m):	698310	Proposed Length:	175 m	Drill Start:	Oct.10, 2010
Northing (m):	5258463	Total Length:	219	Drill Finish:	Oct. 15, 2010
Elevation:	404 m	Core Size:	NQ	Page:	1 of 5

Notes: RMDH-10-07; 52 boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpx - chalcopyrite, Ep - epidote, Fspar - feldspar, Hem - hematite, specular Hem - metallic hematite as opposed to brick red powdery looking hematite, Kspar - potassium feldspar, Mt - magnetite, Plag - plagioclase, Pyx - pyrite, Qtz - quartz, Ser - sericite; DTCA - Degrees To Core Axis, pyh - pyrrohtite, SG = specific gravity

From: (m)	*To: (m)*	*Lithological Description*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Zn (ppm)*	*Zn (%)*	*Nl (ppm)*
0.00	**2.37**	missing core							
0.00	**10.82**	greenish grey black inter to basic **METAVOLCANICS**, weakly foliated, some intervals of bleaching, carb alteration, qtz veining shearing @ 45 DTCA, becoming very bleached/foliated at bottom of interval							
10.82	**17.50**	mottled pinkish grey and white coarse **QUARTZ GNEISS**, vuggy in upper interval, sharp broken upper contact, sharp lower contact at 45 DTCA, barren, very coarse grained							
17.50	**25.31**	greenish grey black **METAVOLCANICS**, foliated @ 45, narrow whitish green alteration bands of quartz veining, carb, hematite and minor pyx mineralization, or bleached bands of carb alteration black bands of amphibole							
25.31	**30.06**	mottled greyish white coarse **QUARTZ GNEISS**, coarse grained, large crystals of grey mica, and veinlets pinkish red feldspars, becoming more pinkish towards bottom of interval, sugary, barren sharp contacts at 45 DTCA							
30.06	**50.04**	greenish grey black **METAVOLCANICS**, foliated @ 45, narrow whitish green alteration bands of	E5319279	32.50	33.83	1.33	29	0.00	78
		quartz veining, carb, hematite and pyx/pyh mineralization, or bleached bands of carb alteration	E5319280	33.83	34.98	1.15	38	0.00	91
		black bands of amphibole, foliation becoming steeper towards bottom of interval 30 DTCA	E5319281	34.98	36.29	1.31	22	0.00	90
		numerous late cross-cutting narrow quartz veins at 70 DTCA, mineralization generally as	E5319282	36.29	37.58	1.29	28	0.00	90
		fine disseminations and as veinlets parallel to foliation, overall sulphide = 1-2%	E5319283	37.58	39.00	1.42	34	0.00	83
			E5319284	39.00	40.47	1.47	53	0.01	97
			E5319285	40.47	41.64	1.17	38	0.00	96
			E5319286	41.64	42.94	1.30	37	0.00	91
		green alteration bands becoming less prevalent moving lower in interval	E5319287	42.94	44.30	1.36	39	0.00	86
			E5319288	44.30	45.70	1.40	49	0.00	98
			E5319289	45.70	47.09	1.39	45	0.00	115
48.00	48.17	pinkish white quartz vein, upper contact @ 70 DTCA, lower is irregular	E5319290	47.09	48.68	1.59	40	0.00	75

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Nl (ppm)
			E5319291	48.68	50.04	1.36	38	0.00	90
50.04	**52.00**	pinkish white **QUARTZ**, upper contact @ 40 sharp, lower contact @ 75 DTCA sharp							
52.00	***88.65***	greenish grey black **METAVOLCANICS**, foliated @ 30-45, narrow whitish green alteration bands of quartz veining, carb, hematite and pyx/pyh mineralization, or bleached bands of carb alteration black bands of amphibole, mineralization generally found within alteration bands fine disseminations and as veinlets parallel to foliation, overall sulphide = 1-2% -bands becoming more after infrequent after 64 m, and less mineralization, finer grained	E5319292	54.00	55.48	1.48	37	0.00	97
			E5319293	55.48	56.64	1.16	36	0.00	97
56.64	*57.40*	pinkish white qtz vein, blocky, sharp contacts @ 70 DTCA							
			E5319294	57.59	58.84	1.25	39	0.00	83
			E5319295	58.84	60.06	1.22	39	0.00	95
			E5319296	60.06	61.24	1.18	49	0.00	102
			E5319297	61.24	62.46	1.22	30	0.00	98
			E5319298	62.46	63.43	0.97	50	0.01	100
72.59	*73.16*	mafic dike, sharp contacts @ 50 DTCA							
72.20	*77.85*	as above, upper contact @ 30 DTCA, lower contact irregular							
84.00	*84.36*	grey mottled quartz gneiss vein, sharp contacts at 20 DTCA							
85.00	*85.70*	brecciated mafic dike (looks net-textured) fine grained sharp upper contact @ 40 DTCA irregular lower contact							
86.92	*88.65*	interval with increased pyx content 2-3%, veinlets in shearing planes, alteration bands consist predominantly of brown black amphibole with some minor bleaching, fine grained	E5319299	86.92	87.66	0.74	40	0.00	108
			E5319300	87.66	88.65	0.99	76	0.01	108
88.65	***96.21***	brownish grey **METAVOLCANICS**, foliated, fine grained and silicified with alteration bands of bleaching and amphibole, has a smoky appearance, variable amounts of foliation and deformation pyh/pyx mineralization as blebs and veinlets throughout, from 5 - 30%	E5319301	88.65	89.80	1.15	119	0.01	112
			E5319302	89.80	91.00	1.20	109	0.01	126
			E5319303	91.00	92.00	1.00	133	0.01	107
			E5319304	92.00	93.00	1.00	90	0.01	122
			E5319305	93.00	94.02	1.02	154	0.02	115
			E5319306	94.02	94.96	0.94	417	0.04	79

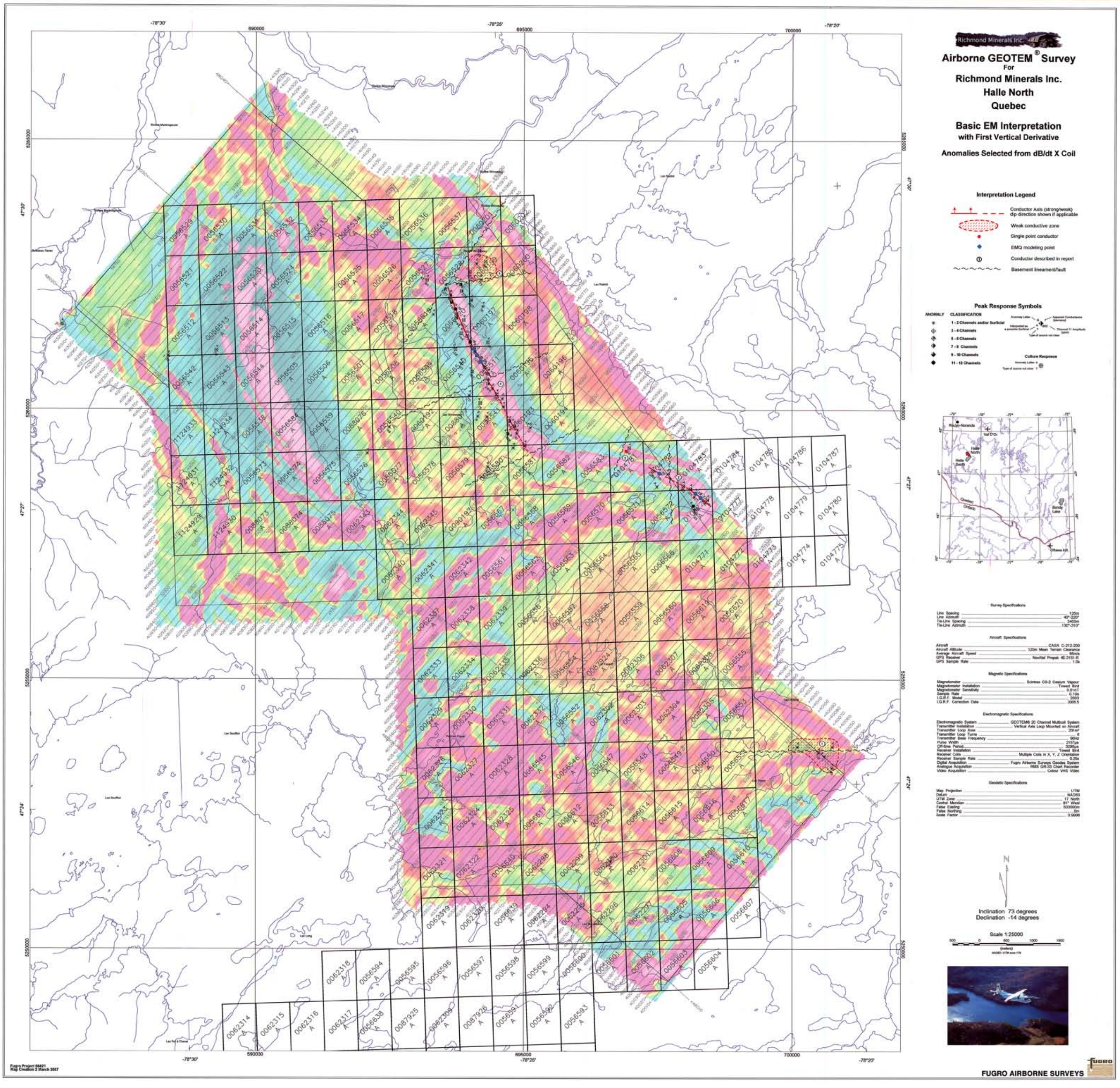
From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5319307	94.96	96.20	1.24	208	0.02	74
96.21	***99.32***	green black foliated **METAVOLCANICS**, with bands of black/green amphibole, quartz veining, occasional bleb of pyx 1%							
99.32	***100.86***	greenish black mafic dike with acicular biotite aligned parallel to foliation, coarse grained throughout pyx/pyh 1-2 % as blebs and disseminations, much black amphibole, sharp irregular contacts	E5319308	99.32	100.86	1.54	87	0.01	267
100.86	***101.90***	porphyritic mafic dike with rounded inclusions of quartz (quartz eyes), fine disseminated pyx throughout < 1%							
101.90	**105.12**	greenish black mafic dike with acicular biotite aligned parallel to foliation, coarse grained throughout, much black amphibole, sharp contacts @ 45 DTCA							
105.12	***130.10***	fine grained black basic **METAVOLCANICS**, weakly foliated with occasional alteration bands of bleaching, black amphibole, occasional random narrow qtz vein/lense							
121.96	124.55	interval with disseminations and veinlets of pyx/pyh 1-2 %	E5319309	121.96	123.36	1.40	53	0.01	92
			E5293010	123.36	124.55	1.19	41	0.00	111
130.10	**132.70**	grey white **QUARTZ GNEISS**, broken blocky with interbedded metavolcanics, irregular broken contacts, barren							
132.70	**151.35**	fine grained black basic **METAVOLCANICS**, weakly foliated with occasional alteration bands of bleaching, black amphibole, occasional random narrow qtz vein/lense							
		135.80 to 141 increasing pyx content, 1% as veinlets/ blebs	E5293011	135.77	136.89	1.12	39	0.00	105
		141+ to 151.35, overall 3-5%, pyh, minor pyx	E5293012	136.89	138.20	1.31	46	0.00	121
			E5293013	138.20	139.50	1.30	63	0.01	97
			E5293014	139.50	141.00	1.50	52	0.01	114
			E5293015	141.00	142.00	1.00	54	0.01	112
			E5293016	142.00	143.09	1.09	43	0.00	121
			E5293017	143.09	144.14	1.05	107	0.01	113
			E5293018	144.14	145.43	1.29	54	0.01	106
			E5293019	145.43	146.65	1.22	50	0.01	106
			E5293020	146.65	147.43	0.78	49	0.00	112

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
			E5293021	147.43	148.55	1.12	60	0.01	101
			E5293022	148.55	149.80	1.25	77	0.01	103
			E5293023	149.80	150.73	0.93	124	0.01	110
			E5293024	150.73	151.50	0.77	107	0.01	83
151.35	***154.30***	pinkish grey coarse **QUARTZ GNEISS**, contacts sharp @ 20 DTCA, blebs of pyh along contacts							
154.30	**163.18**	greyish black basic **METAVOLCANICS**, fine grained, highly deformed and foliated, bleached	E5293025	154.30	155.47	1.17	663	0.07	57
		intervals with quartz veining/lenses, vuggy carb alteration, with bands of pyx/pyh mineralization,	E5293026	155.47	156.46	0.99	382	0.04	90
		interval becoming broken/blocky moving deeper , bands of massive pyx, overall 5-10% sulphides	E5293027	156.46	157.80	1.34	1,420	0.14	159
		- increasing graphite content as well	E5293028	157.80	159.00	1.20	2,220	0.22	205
		154.54- 154.62 massive vein of pyx sharp contacts 45 DTCA	E5293029	159.00	160.00	1.00	785	0.08	115
158.00	*161.00*	mostly broken core and rubble, large fault zone, mineralized with pyh/pyx 3-5%	E5293030	160.00	160.90	0.90	3,180	0.32	321
			E5293031	160.90	162.00	1.10	1,220	0.12	248
			E5293032	blank			15		4
163.18	***178.50***	grey black med grained, foliated **METASEDIMENTS**, bands of black amphibole and/or white/green	E5293033	162.00	163.18	1.18	337	0.03	97
		carb silicification, pyh/pyx veinlets and blebs parallel to foliation and shearing, 3-5%	E5293034	163.18	164.33	1.15	188	0.02	31
		upper contact broken and irregular, sulphides gradually diminishing towards bottom of interval	E5293035	164.33	165.54	1.21	393	0.04	124
			E5293036	165.54	166.60	1.06	555	0.06	311
			E5293037	166.60	167.70	1.10	594	0.06	297
			E5293038	167.70	168.69	0.99	356	0.04	176
			E5293039	168.69	169.80	1.11	458	0.05	116
			E5293040	169.80	170.82	1.02	429	0.04	182
			E5293041	170.82	171.95	1.13	351	0.04	269
			E5293042	171.95	172.76	0.81	416	0.04	532
			E5293043	172.76	174.00	1.24	475	0.05	732
			E5293044	174.00	175.25	1.25	809	0.08	658
178.50	***183.34***	black fine to med grained black **MAFIC DIKE**, weakly foliated with occasional veinlets or blebs of	E5293045	178.50	179.77	1.27	903	0.09	388
		pyx/pyh, 1-2%, white irregular veinlets of carb alteration	E5293046	179.77	181.06	1.29	954	0.10	415
			E5293047	181.06	182.22	1.16	931	0.09	538
			E5293048	182.22	183.00	0.78	722	0.07	465
183.34	***184.86***	greenish black porphyritic dike, coarse grained, phenocrysts of feldspar, biotite, no sulphides							
		weakly foliated, gradational contacts							
184.86	***188.53***	black fine to med grained black **MAFIC DIKE**, weakly foliated with occasional veinlets or blebs of	E5293049	185.32	186.58	1.26	928	0.09	429
		pyx/pyh, 1-2%, white irregular veinlets of carb alteration, sharp lower contact at 20 DTCA	E5293050	186.58	187.25	0.67	875	0.09	381

From: (m)	To: (m)	Lithological Description	Sample #	From (m)	To (m)	Width (m)	Zn (ppm)	Zn (%)	Ni (ppm)
188.53	**219.00**	grey black med grained, foliated **METASEDIMENTS**, bands of black amphibole and/or white/green carb silicification, pyh/pyx veinlets and blebs parallel to foliation and shearing, 5-7%	E5293051	188.53	189.20	0.67	696	0.07	204
			E5293052	189.20	190.04	0.84	570	0.06	353
			E5293053	190.04	191.27	1.23	901	0.09	852
191.27	196.00	smoky silicified interval with 10 to 15% pyx minor pyh as disseminations and veinlets	E5293054	191.27	192.26	0.99	1,020	0.10	171
			E5293055	192.26	193.35	1.09	440	0.04	123
			E5293056	193.35	194.40	1.05	123	0.01	104
			E5293057	194.40	195.53	1.13	3,210	0.32	151
			E5293058	195.53	196.23	0.70	305	0.03	797
		after 196.23, occasional pyx bleb in fracture planes, more bands of blackish amphibole							
	219.00	**EOH**							

W Hamilton, P. Eng.

Appendix III – Fugro GEOTEM Survey Map: Basic EM Interpretation Map


Richmond Minerals Inc.
Airborne GEOTEM® Survey
For
Richmond Minerals Inc.
Halle North
Quebec
Basic EM Interpretation
with First Vertical Derivative
Anomalies Selected from dB/dt X Coil
Interpretation Legend
Conductor Axis (strong/weak) dip direction shown if applicable
Weak conductive zone
Single point conductor
EMQ modeling point
Conductor described in report
Peak Response Symbols
Inclination 73 degrees
Declination -14 degrees
Scale 1:25000
Fugro Project 06421
Map Creation 2 March 2007
FUGRO AIRBORNE SURVEYS