



NIOCAN INC.

ANNUAL INFORMATION FORM

2013

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TABLE OF CONTENTS

TITLE	PAGE
ITEM I	CORPORATE STRUCTURE..... 3
ITEM II	GENERAL DEVELOPMENT OF THE BUSINESS 3
1.	GENERAL OVERVIEW AND THREE-YEAR HISTORY 3
1.1	GENERAL OVERVIEW..... 3
1.2	YEAR 2011 4
1.3	YEAR 2012 5
1.4	YEAR 2013 5
ITEM III	PROJECT DESCRIPTION..... 6
1.	OKA NIOBIUM PROPERTY 6
1.1	PROJECT LOCATION AND DESCRIPTION..... 6
1.2	THE HISTORY 6
1.3	GEOLOGICAL CONTEXT 6
1.4	EXPLORATION WORK..... 7
1.5	MINERALIZATION 7
1.6	SAMPLING AND ANALYSIS 8
1.7	SAMPLE SECURITY 8
1.8	MINERAL RESOURCE AND MINERAL RESOURCE ESTIMATES 8
2.	OTHER ASPECTS OF THE OKA PROJECT 10
2.1	GOVERNMENT REGULATIONS 10
2.2	ENVIRONMENTAL COMMITMENTS..... 10
3.	EXPLORATION AND DEVELOPMENT..... 12
3.1	GREAT WHALE IRON PROJECT 12
4.	RISK FACTORS..... 14
ITEM IV	MANAGEMENT DISCUSSION AND ANALYSIS..... 14
ITEM V	CAPITAL STRUCTURE 14
ITEM VI	SECURITIES EXCHANGE 14
ITEM VII	REGISTRAR AND TRANSFER AGENT 15
ITEM VIII	PROMOTERS..... 15
ITEM IX	LEGAL PROCEEDINGS AND REGULATORY ACTIONS 15
ITEM X	INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS..... 16
ITEM XI	MATERIAL CONTRACTS..... 16
ITEM XII	DIRECTORS AND SENIOR MANAGEMENT 16
ITEM XIII	CEASE-TRADE ORDERS, BANKRUPTCIES, PENALTIES OR SANCTIONS..... 19
ITEM XIV	INTEREST OF EXPERTS..... 20
ITEM XV	AUDIT COMMITTEE INFORMATION 21
1.	COMPOSITION OF THE AUDIT COMMITTEE 21
2.	RELEVANT EDUCATION AND EXPERIENCE 21
3.	POLICY REGARDING NON-AUDIT SERVICE RENDERED BY AUDITORS 22
4.	REMUNERATION OF AUDITORS..... 22
ITEM XVI	ADDITIONAL INFORMATION..... 23
XVII	SCHEDULE A AUDIT COMMITTEE CHARTER 24
1.	MANDATE AND OBJECTIVES..... 24
2.	COMPOSITION 24
3.	MEETINGS AND PROCEDURES 24
4.	DUTIES AND RESPONSIBILITIES 24

Unless the context indicates otherwise, the use in this Annual Information Form of the terms “our”, “we”, the “Company”, and “Niocan” collectively refer to Niocan Inc.

USE OF CURRENCY

Unless otherwise indicated in this Annual Information Form, all dollar amounts refer to Canadian dollars.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

Certain statements contained in this Annual Information Form are forward-looking and are subject to numerous risks and uncertainties, known and unknown. For information identifying known risks and uncertainties, relating to the issuance by the Ministry of Sustainable Development, Environment and Parks (MSDEP) of the Certificate of Authorization to build the mine in Oka, financial resources, market prices, exchange rates, politico-social conflicts, competition, regulatory approvals, the purchase of the old St-Lawrence Columbium mine site from the Municipality of Oka should the Certificate of Authorization be issued, and other important factors that could cause actual results to differ materially from those anticipated in the forward-looking statements, please refer to the heading Risk and Uncertainties in the Company’s most recent Management’s Discussion and Analysis, which can be found at www.sedar.com. Consequently, actual results may differ materially from the anticipated results expressed in these forward-looking statements.

ITEM I CORPORATE STRUCTURE

Niocan was incorporated on August 29, 1995, under the provisions of section IA of the Companies Act (Quebec), and, since February 2011, is governed by the Business Corporations Act (Quebec).

The Company’s head-office is located at 1, Place Ville-Marie, Suite 1812, Montreal, Quebec, Canada, H3B 4A9.

Niocan has no subsidiaries.

In 2012, the Company adopted a new By-law No. 1 in connection with the entering into force of the new Business Corporations Act (Québec). By-Law No. 1 was approved by Niocan’s Board of Directors on May 20, 2012 and was ratified by Niocan’s shareholders on June 20, 2012.

In 2012, the Company also amended its articles of incorporation to allow its Board of Directors to appoint one or more additional directors to hold office for a term expiring not later than the close of the annual shareholders meeting following their appointment, provided that the total number of directors so appointed may not exceed one third of the number of directors elected at the annual shareholders meeting preceding their appointment. This amendment to the Company’s articles was approved by Niocan’s Board of Directors on May 7, 2012 and was ratified by Niocan’s shareholders on June 20, 2012.

ITEM II GENERAL DEVELOPMENT OF THE BUSINESS

1. GENERAL OVERVIEW AND THREE-YEAR HISTORY

1.1 General Overview

In 1995, Niocan Inc. was incorporated as a mineral exploration Company.

In 1999, following development work, the Company concluded that its Oka niobium property in Quebec (the “Oka Niobium Property”) had the mineral historical resources required for an economically viable project. Niocan’s mission is to become a ferroniobium producer as soon as possible following the issuance of a Certificate of Authorisation (“CA”) from the Ministry of Sustainable Development, Environment and Parks (“MSDEP”). In the long term, the Company plans to recover some byproducts

from the mineralization and produce ferroalloys, as well as other related products. The Company has no significant income at this stage.

The Oka project involves the development of a mining complex based on an underground mine, a concentrator and a converter for the production of ferroniobium. The project has completed all exploration phases, including two drilling campaigns in 1995, 1996, and 1997 for a total of 22,204 meters, to define the S-60 mineral resources and the zone HWM-2. In February 2010, the Company announced that the mineral resources of the S-60 deposit were qualified in conformity with National Instrument 43-101 and CIM mineral resource classification.

In 2004, the Company also acquired 100% ownership in an iron property in the Great Whale region (the "Great Whale Iron Property"). This property includes three (3) mineral prospects (historical resources) of magnetite with an average 36%-41% Fe content. The property, covering 17,098 acres, is located 80 km inland from Manitounuk Sound, a deep water natural harbor located on the south-east coast of Hudson's Bay, not far from the Great Whale River.

1.2 Year 2011

In January 2011, the Company announced that Mr. Bernard Coulombe, Chairman, President and CEO of the Company had resigned for personal reasons. Mr. Marleau, a director of the Company, then assumed the position of Interim Chairman of the Board of Directors and CEO.

In mid-January 2011, Nio-Metals Holdings LLC ("Nio-Metals") and Augyva Mining Resources Inc. ("Augyva") each separately announced unsolicited proposals to acquire all of the outstanding shares of the Company.

The Company formed a special committee of directors and engaged legal and financial advisors to evaluate these opportunities and to explore other potential strategic alternatives.

On March 2, 2011, Nio-Metals announced the withdrawal of its proposal for a business combination with the Company.

On May 4, 2011, the Company announced that it had entered into a letter of intent with Forbes & Manhattan Inc. ("F&M") whereby F&M would provide a lead order for a private placement of 5,157,000 common shares of Niocan at a price of \$1.15 per share, for aggregate gross proceeds of approximately \$6 million. The negotiations between the Company and F&M continued until June 10, 2011, when the Company announced that such discussions relating to the proposed private placement had been terminated.

On June 23, 2011, the Company announced that it had received a financing proposal from Augyva whereby Augyva proposed to subscribe for 3,478,260 units of Niocan at a price of \$1.15 per unit, with each unit consisting of one common share and one-half of one common share purchase warrant of the Company. The Company announced that its Special Committee had concluded that such proposal was inadequate and not in the best interests of Niocan and its shareholders.

On June 29, 2011, the Company announced that it had entered into a binding term sheet with Nio-Metals for a private placement, and that it had also received a revised financing proposal from Augyva on June 27, 2011; the Company stated that it had concluded that the Nio-Metals offer was superior to the Augyva proposal, and that the Nio-Metals offer was in the best interests of shareholders.

The definitive subscription agreements with Nio-Metals and other investors were concluded on August 29, 2011, whereby the Company issued 3,005 convertible debenture units at an issue price of \$1,000 per unit for an aggregate of \$3,005,000 (the "2011 Debentures"). These debenture units bore interest at the rate of twelve percent (12%) per annum payable monthly. Each unit was comprised of one \$1,000 debenture and 520 transferable share purchase warrants. Each warrant entitles the holder thereof to purchase one additional common share at a purchase price of \$1.45 on the day that is three years from the date of the

warrant's issuance at the discretion of the holder. The Special Committee of directors of the Company was disbanded at that time.

On August 29, 2011, the Company also announced the resignation of Mr. Lars-Eric Johansson from the Board of Directors and the appointment of Mr. Mark Wallace as director of the Company.

1.3 Year 2012

On August 28, 2012, the Company entered into Amendment Agreements (the "Amendment Agreements") with each of the holders of the 2011 Debentures. Under the terms of the Amendment Agreements, the maturity dates of the Debentures were extended from August 29, 2012 to August 29, 2013, and the Company's right to redeem the 2011 Debentures prior to maturity at a redemption price of 105% of the principal amount were amended, whereby the Company could thereafter proceed to such redemption at any time starting February 28, 2013 and effect such redemption payment, either in whole or in part, not only through cash payments but also, at its sole option, through the issuance of common shares in the capital of Niocan. These 2011 Debentures, which bore the principal amount of \$3,005,000, were converted on February 28, 2013 into 2,176,035 common shares in the capital of Niocan.

On September 24, 2012 the Company announced that it had received notice from the Toronto Stock Exchange (the "TSX") that the TSX had commenced a review of the eligibility for continued listing of the Company's securities on the TSX since it did not meet certain of the TSX's listing requirements, including the minimum requirement for expenditures on exploration and/or development work. On March 1, 2013, Niocan announced that it was informed by the TSX that the TSX had completed its review and that it had determined that Niocan now met the TSX's continued listing requirements.

On October 29, 2012, the Company announced the appointment of Mr. Joel Bell to its Board of Directors and of Mr. Hubert Marleau as permanent Chief Executive Officer.

On November 1st, 2012, the Company announced developments with respect to its Great Whale Iron Property ("GWIP"). A total of 320 additional claims were staked around the three primary targets of the Company's GWIP, bringing this project's total claims to 460. The Company's Board of Directors has also approved a new work program for its GWIP, which is further detailed in Section 3.2 of this Annual Information Form.

1.4 Year 2013

On February 19, 2013, the Company announced that it had completed a private placement with Nio-Metals pursuant to which Nio-Metals subscribed for a unit comprising of \$1,200,000 aggregate principal amount of secured subordinated debentures of the Company and 1,000,000 warrants (the "Warrants") to purchase common shares of the Company, representing aggregate gross proceeds to the Company of \$1,200,000. These debentures bear interest at a rate of 10% per annum and will mature 30 months from the date of their issuance, subject to the ability of the Company to repay them at any time without penalty. Each Warrant entitles its holder to purchase one Common Share at a price of \$0.50 at any time until the two year anniversary of the date of their issuance.

As mentioned above, on February 28, 2013, the Company converted the 2011 Debentures, which bore the principal amount of \$3,005,000, into 2,176,035 common shares in the capital of Niocan.

On July 26, 2013, the Company announced that Mr. Ron Amstutz had resigned as Chief Financial Officer of the Company and that he would be replaced by Mr. Bruno Dumais, CPA, CA, who assumed this position on August 6, 2013.

On November 12, 2013, the Company announced that Mr. Terence Ortslan resigned from the Board of Directors.

As of the date of this AIF, the MSDEP has not issued the Certificate of Authorization for the Oka niobium property and has not provided the Company with any indication on the timing of a decision on this matter.

ITEM III PROJECT DESCRIPTION

1. OKA NIOBIUM PROPERTY

Note: This information is sourced from a report produced in February 2010 on the mineral resources qualifications, prepared by MM Jean-Claude Caron et Serge Lavoie, geological engineer and qualified person (QP) as per NI 43-101 and the CIM mineral resources classifications. Mr. Lavoie is the qualified person under National Instrument 43-101 respecting standards of disclosure for the technical information related to the Oka Niobium project.

1.1 Project location and description

The Oka Niobium Property is located in the parishes of l'Annonciation and St-Joseph-du-Lac, some 50 km north-west of Montreal and 10 km from Highway 640. Access to the property is via a paved road— either the Sainte-Sophie Road, which crosses the property, or by Highway 344. The mining property is made up of 49 claims covering 1,604 acres and surface rights of 231 acres. A Hydro-Quebec sub-station, located some 2 km east of the property, would supply electricity.

1.2 The History

The property was acquired on November 10, 1993, through a notarised act from Quebec Columbian (Kennecott Copper) to Mr. René Dufour and Mr. Alain Robin, both Company directors until May 2006. In exchange, both committed to take on all of the responsibilities related to the Niocan property mining claims. Mr. Dufour held the position of Niocan Chairman and Chief Executive Officer, until December 2005.

As per a September 8, 1995, contract, the Company acquired from René Dufour and Alain Robin a 100% interest in the Niocan property. This was in exchange for the issuance of 2,000,000 new escrowed common shares of the Company.

1.3 Geological context

Prospecting in the Oka region began in the mid-1950s, specifically for uranium. Radioactive outcrops were found in the Trappe region. The early work in that region identified thorium, and to a lesser extent, uranium, as the principal source of radioactivity in the sector. Both were contained in pyrochlore, the host mineral for niobium. No commercially viable uranium mineralization, even as a by-product, was found in the Oka complex. Its average radioactivity is 4 to 5 times higher than the region's gneiss background level. Nevertheless, radioactivity is an efficient indicator of zones that are rich in pyrochlore and was used extensively in prospecting the area from 1955 to 1965. While the search was for uranium, the discovery was niobium, a metal when combined with steel, makes an important contribution towards reaching Canada's Kyoto Protocol commitments because it reduces by 33% the weight of steel required for any structural works.

In 1953, the American Company, Molybdenum Corporation of America (Molycorp) claimed close to 8,000 acres of land and undertook land-based and aerial geophysical surveys of the area. The surveys identified a large anomaly within the current Niocan property. This triggered extensive exploration work on the property with:

- 33,000 metres of diamond drilling
- trenching
- bulk sampling for metallurgical testing
- a preliminary assessment of earnings potential

This work outlined two mineral zones HWM-1 and HWM-2.

It is interesting to note that the Oka property has had a mining history for some 50 years well before the introduction of the Quebec agricultural zoning law.

In 1960, the St-Lawrence Columbian and Metal Corporation (SLC) began operating an open-pit niobium mine, subsequently, sinking a shaft to the 587m level to continue underground operations, until its closure in 1976. This was the first commercial niobium operation, which in effect launched the use of niobium principally as a steel alloy.

Somewhat around the same time, a Brazilian Company, CBMM, began operating on its Araxa niobium property, of which Molycorp has a 45% stake. There are now two niobium producers in Brazil, accounting for 85% of world output, and a third producer, Niobec, in Quebec. A producing mine by Niocan would make it the fourth producer in a market that is in full growth sustained by the growth in world steel output and special steel alloys.

In 1993-94, the Rio Tinto Company of London acquired Kennecott Copper and after reviewing its global portfolio of mining properties, concluded that niobium would not be part of its long-term strategic development plans.

1.4 Exploration Work

Quebec Columbian discovered mineralized zones following a series of drilling campaigns between 1955 and 1961. Three sub-parallel zones, called HWM-1, HWM-2 and HWM-3 were identified, and one of them, HWM-3, was renamed zone S-60. The HWM-2 and the S-60 are the two mineral prospects that Niocan undertook to explore between 1995 and 1997.

The first diamond drilling program, in 1995, defined the potential of the S-60 mineral prospect. This mineral prospect was of a type that was not yet known in the Oka complex. This mineral prospect has a grade 50% higher than the ore body mined by SLC.

A second drilling program was undertaken in 1997. In all, the S-60 mineral prospect was intersected by 44 drill holes to a depth of 500 metres, on a grid with sections at 15 metre intervals. This is a massive and compact mineral prospect. The rock is of excellent quality, as verified by the drill core samples and the RQD standards (Rock Quality Designation). The recovery of the core is high and the RQD is generally higher than 90%.

1.5 Mineralization

S-60 Mineral Prospect

The S-60 mineral prospect is cylindrical in shape with a diameter of approximately 100 by 80 metres, with two or three lenticular extensions. These lenses sometimes join to form a single lens. The mineral prospect extends over more than 500 metres vertically and it remains open at depth. Unlike the two mineralized zones HWM-1 and HWM-2, which are concordant and sub-parallel, S-60 seems to be more discordant and more recent. The mineralized facies are principally made up of magnetite carbonatite (51% of the intersections) and forsterite sovites (20% of the intersections).

A total of 50 drill holes intercepted the S-60 mineral prospect in 1995-1997. These were distributed over 9 sections, distanced 15 metres apart, with two to seven drill holes per section. A total of 21,976 meters of core samples were collected. The measured and indicated resources as per NI 43-101 total 10.63 million tonnes averaging 0.68% Nb₂O₅.

HWM-2 Zone

The HWM-2 zone has been drilled at over 600 metres in length and its thickness varies from 10 to 40 metres. The zone is known to be over 350 metres vertically and remains open in depth. Although there is mineralization for over 600 metres horizontally, the resources were estimated over a 330 metre distance only.

Mineralization is present in the form of sovite forsterite-diopside-magnetite. A total of 25 drill holes intercepted the HWM-2 mineral prospect. Inside the central section, which is more clearly defined, the drill holes are distributed over 13 sections spaced usually 30 meters apart, with one to three holes per section. Outside of this central section, a few drill holes point to lateral extensions of the mineralized zone.

The central portion of the HWM-2 zone where most of the drilling occurred has an average grade of 0.58% Nb₂O₅. The HWM-2 zone historical resources have not yet been qualified as per NI 43-101 and should not be relied upon.

1.6 Sampling and analysis

The drill core collected over the two drilling programs yielded 3,948 samples, representing a total of 21,976 metres. The length of the samples varies from 3 to 6 metres, averaging 5 metres. Lithological changes or significant variations in pyrochlore content determined the length of the samples.

The core samples were split in two, with one half sent to the laboratory and the other stored as a reference. The crushing and pulverizing of the cores for analysis was carried out by Metriclab to obtain 100 gr. samples with particles that were less than 50 microns. The samples were sent to the Centre de recherche minérale du Québec (CRM, now COREM) in Quebec, for fluorescence-X analysis for 19 elements, including Nb₂O₅, P₂O₅ and Fe₂O₃.

1.7 Sample security

To verify the accuracy of the analysis done by CRM, Niocan undertook a second analysis of 40 samples. These samples were initially re-analysed by CRM and a double of each sample was sent to two independent laboratories- XRAL and Bondar-Clegg.

The variance in analysis between all of the labs was 0.02% of niobium. This confirms that the fluorescence-X analysis, used by CRM, is accurate and that these analysis values can be used for the calculation of resources.

1.8 Mineral resource and mineral resource estimates

In February 2010, the Company announced its report on the mineral resources at its niobium property located in the Ste-Sophie range of Oka as per NI 43-101 and the CIM mineral resources classifications.

The report was prepared by Mr. Serge Lavoie, geological engineer and qualified person (QP) according to NI 43-101 rules. Mr. Lavoie was a geologist at the former St. Lawrence Columbian property in Oka when it was in operation.

The revised mineral resources estimates calculated by Met-Chem under the supervision of Serge Lavoie (QP) in December 2009 are:

Resources Classification at a 0.40% cut off grade Nb₂O₅	Tonnes (x MM)	% Nb₂O₅
Measured	4.28	0.72
Indicated	6.35	0.65
M & I Total	10.63	0.68
Inferred	3.22	0.61

Met-Chem is in the opinion that more resources could be further identified with additional drilling from mineralized satellite lenses in the immediate proximity of the S-60 deposit. According to preliminary information, this additional drilling could increase the S-60 mineral resource base by up to 30 percent, according to Met-Chem.

The metallurgical testworks were first performed between 1996 and 1998 by the Centre de Recherche Minéral du Québec (CRM, now COREM) on core samples for the S-60 deposit. The pyrochlore recovery was 76.5%, yielding a commercial grade of 51% Nb₂O₅ in the concentrate.

The following table sets forth additional historical resources of other known deposits on the property.

Other Deposits	Historical Resources
HWM-2	5.9 x 10 ⁶ T at 0.56% Nb ₂ O ₅
SLC ore below 300m plus zones 112 – 114	21.7 x 10 ⁶ T at 0.44% Nb ₂ O ₅

HWM-2 resources were calculated in 1997 by Serge Lavoie P. Eng geologist for: Les Consultants Protec Inc responsible for the exploration work 1995-1997 on Niocan Oka property (Rancourt, A.J. et Lavoie S. (1997). Rapport géologique de la champagne d'exploration de 1997 sur la propriété de Niocan Inc. Oka Québec.)

The ore reserves of SLC were estimated in 1974 by Mr. Serge Lavoie P.Eng and Mr. Gaston Gagnon Mining Eng. (Lavoie Serge et G. Gagnon, (Février 1974) La géologie – Les réserves de l'exploitation souterraine de SLC, Québec).

These mineral resources are historical in nature and have not been validated by the independent qualified person. These mineral resources are not compliant with NI 43-101 and should not be relied upon.

Niocan believes that these historical mineral resources estimates provide a conceptual indication of the potential of the property and are relevant to future exploration.

Niocan will also have all of its mineral resources recalculated with the lower cut off grades of 0.35% and 0.30% Nb₂O₅ for the NI 43-101. A revised cut-off will be completed in due course for the final bankable feasibility study since the 0.40% cut off grade was first used when the FeNb price was at \$6.50 USD per pound. This price and cut-off grade were used in the 1998 and 2000 feasibility study of the project as well as in the updated feasibility studies completed by Met-Chem and SNC-Lavalin.

2. OTHER ASPECTS OF THE OKA PROJECT

2.1 Government regulations

In Canada, the mining industry is subject to both federal and provincial legislation. All mining or processing activity must abide by the current environmental legislation.

Infractions of the law can lead to legal action that could interrupt, slow down or even force the installation of additional equipment. Niocan could be forced to compensate individuals that suffered losses or damages related to mining operations and could even see itself criminally charged if convicted of an infraction.

Niocan is confident that in all aspects, its Oka Niobium mine project respects the Canadian laws, regulations and administrative norms.

2.2 Environmental commitments

Roche Ltée, under the direction of André Vachon, eng., deposited the Oka Niobium Project's environmental impact assessment in October 2000. This is the first time in Quebec that a tailings park is laid out in such a way that an orphaned mine property, St-Lawrence Columbium could be restored.

From the outset, even before the feasibility study was started, the Company directors were aware of the importance of agriculture in the region and had made the decision that the project must be an underground operation this, despite the fact that the mineral prospect is close to the surface and could easily be accessed through an open pit mine. By choosing an underground operation, the impacts are minimized:

- The site of 6.4 hectares will be returned to agriculture at the end of the operation;
- The noise related to blasting and noisy equipment is eliminated since it will be set up underground;
- Dust is eliminated;
- Truck haulage of ores is eliminated;

In its positive decision authorizing the use of 9.2 hectares of land, of which only 6.2 hectares are agricultural land, for the mining complex's infrastructure, the Agricultural Land Protection Commission (CPTAQ) took into consideration a number of factors, including:

- The highly ecological nature of the project;
- The fact that this property had a long history of mining activity, prior to Niocan's acquisition, dating back to 1953, when it was held by an American company— long before the agricultural zoning laws;
- Niocan's commitment, in 1995, to create a follow-up committee where the agricultural producers, the representatives of the UPA and the municipality would be represented;
- Decontamination of the St. Lawrence Columbium site, with the removal of all of the radioactive slag left behind when it closed in 1976;
- Restoration of the SLC site and its transfer to the municipality at the end of operations;
- Construction of a 2.2 km aqueduct along the Ste-Sophie road to supply farmers with drinking water, water for their greenhouses and the washing of their produce.

In its offer to purchase the SLC property from the Municipality of Oka, Niocan committed itself to:

- Take over the \$200,000 lien held by the Ministry of Natural Resources for money it has spent to render the site safe;
- To remove some 10,000 tonnes of radioactive slag left behind by SLC from the back of the property, and to store it underground in an empty stope of the S-60 mineral prospect, saving the municipality and the Ministry of Natural Resources \$1.5 million for their removal.

The brooks and ponds used for irrigation purposes by the fruit and vegetable producers were not affected by the SLC operations. This will be no different with Niocan's operation. Since Niocan's underground operations are ten times smaller in volume than SLC's, the zone where wells that are located in bedrock could be affected by the mining operation, is substantially smaller.

To guarantee every producer an adequate supply of water, Niocan will, at its own expense, extend the municipality's drinking water aqueduct along the Ste-Sophie road, from the beginning of operations and will build a 50 000 m³ irrigation water reservoir to fill the farmers' ponds in case the mine dewatering does impact their lands.

Underground water pumped out of the mine will be decanted before being released into the Rouse stream, downstream of any farm.

On April 8, 2002, the Minister of the Environment mandated the BAPE to investigate the effects on the environment and public health of radioactivity resulting from the proposed mine operation and the accompanying mill complex. Following an exhaustive inquiry, the BAPE concluded on October 28, 2002, that:

"Given that the levels of radioactivity released from the project would be small relative to the levels of radioactivity naturally occurring in the region, the Commission concludes that the environmental impact associated with the proposed project is negligible and that no adverse effect on public health should be noticed."

The concept behind the Niocan mine operation using a tailings paste backfill method, along with the underground storage of slag resulting from the transformation of pyrochlore into ferroniobium, would ensure that the project will have a minimal impact on local agriculture.

In November 2004, the Minister of the Environment requested the BAPE to obtain more information on the project's impact on the sector's water resource. The BAPE turned its report and findings over to the Minister on March 31, 2005.

In September 2005, Golder & Associates were hired to review all of the hydrogeological studies to date and to propose a plan of action to respond to the questions raised by the MSDEP professionals. Golder is a world-renowned firm, specializing in soil, hydrogeology and environmental engineering. The proposal was reviewed by the Board and presented to the MSDEP. This led to a meeting with all of the professionals from the Ministry associated with the Oka project. The proposed program was favorably accepted. The main component of the program was a series of pumping tests to collect the data required for a hydrogeological model of the area surrounding the proposed operation's main shaft. This work began on February 27, 2006, and was completed by August.

The Golder Report was officially delivered to the MSDEP on September 25, 2006. Niocan has reviewed its mine design and updated the drawings that were delivered to the MSDEP in May 2008 and has requested the CA from the MSDEP. Likewise, the Company's commitments, required by the Ministry, have being adapted to reflect the results of the Golder Report on water.

Note: Mr. Serge Lavoie M.A.Sc P Eng is the qualified person under National Instrument 43-101 for disclosure of the technical information relating to the Oka project. Mr. Lavoie is an independent consulting geological engineer.

3. EXPLORATION AND DEVELOPMENT

3.1 Great Whale Iron Project

Spurred by the rise in market values of iron concentrates and pellets, since the beginning of 2004, Niocan acquired, through staking, the mining rights on a group of 71 claims covering three iron magnetite mineral prospect. The "A" mineral prospect was made up of 36 claims, the "D" mineral prospect of 20 claims and the "E" mineral prospect of 15 claims, representing a total of 3,507 hectares (8,666.34 acres). The Company doubled the number of claims in 2006 on mineral prospects "A", "D" and "E" in order to add possibilities for mineralized extensions, and bringing this property to cover a total of 7,097.93 hectares. On November 1st, 2012, a total of 320 additional claims were staked around the three primary targets of the Company's GWIP, bringing this project's total claims to 460.

The property is located a few kilometres south of the Great Whale River. The "A" mineral prospect is located 65 km east of the villages of Kuujuarapik and Whapmagoostui, on the shores of Hudson Bay, while mineral prospects "D" and "E" are located 20 km east and 40 km south-east of mineral prospect «A» respectively. These mineral prospects are located on a rock plateau located 600 feet above sea level and mineral prospect "A" is an elongated mountain approximately 400 feet high known by the inuits as the iron mountain. The vegetation is scattered and is comprised of black spruce and moss. The climate is relatively dry with an annual average weather of minus 4 degrees Celsius, without permafrost. Further information on the description and location of the Great Whale Iron Project may be consulted in the report prepared by Met-Chem on August 31, 2006 as well as in the press release issued by the Company on February 22, 2010 which may be consulted at www.sedar.com.

History

The first exploration work on the property dates back to 1958 and was carried out by Little Long Lac Limited. From 1958 to 1960, the Company undertook a 17,000-metre drilling program (AX), of which 11,000 metres were on the "A" mineral prospect and 3,000 metres were done on each of the other two mineral prospects.

Metallurgical testing was done from composite samples obtained from the drill core intersects, as well as a bulk sample of 25 tonnes taken from mineral prospect "A".

A number of studies were undertaken by independent consulting engineers on hydro-electric generation, the construction of a rail line to Hudson Bay and the construction of a deep-water port in Manitounuk Bay, located 20 km north-east of the villages of Kuujuarapik and Whapmagoostui, which could accommodate 200,000 tonne cargo vessels.

Geological Context

The three mineral prospects and the associated rocks are located in separate enclaves within a large series of granite and gneiss formations. These are characteristic of the Huronian arch, which stretches from Labrador to the western shores of Hudson Bay.

The "A" mineral prospect is 5.5 km in length and varies in width from 90 m to 900 m. The mineral prospect was drilled to a depth of 100 m; however, mineralization continues much deeper. The "D" mineral prospect is smaller, with a diameter of approximately 1.6 km. The "E" mineral prospect has a diameter of 1.3 km.

Intensive exploration carried out in the 1960's indicated an estimate of 942,000,000 tonnes from 3 open pit shells defined as Deposits A, D and E (still open at depth and laterally) of iron historical resources (Great Whale Iron Mine Limited for Belcher Mining Corporation Limited; November 1960 by L. M. Scofield). According to the compilation report prepared by Met-Chem on August 31, 2006, it is mentioned: *"In the 1960's, such calculation method was considered reliable. However today mineral resources calculations are generally based on mining software which are more robust and can perform 3D calculation. It will be necessary to twin some historic holes with new ones in order to establish a*

correlation between historic information and new ones before being able to use concentration tests indicator for new mineral resource or reserve estimates for compliance with NI 43-101”.

Niocan and Met-Chem engineer/geologists have visited the iron ore property in July and August 2006. On August 31, 2006, Met-Chem produced a technical report, as per NI 43-101 in relation to this mineral prospect, located some 125 km North of Radisson, on the Inuit Territory of Class III. In this report, Met-Chem stated the following: *“It should also be understood that resources presented in this technical report consist in historical estimates that were not verified by more recent data and as such may not be categorized or relied upon. However, Met-Chem believes that these historical estimates provide a conceptual indication of the potential of the property and are relevant to planning of future exploration programs and to the assessment of the property.”*

In the spring of 2007, after discussions with mining consultants, the Company chose to search means to add value to this mineral property before doing new modern metallurgical testing and possibly raise funds for the scoping study.

In February 2010, the Company announced it has received positive preliminary metallurgical testing results for its iron deposits property. Eleven (11) short boreholes were drilled in summer 2009 under Met-Chem Canada Inc (Met-chem) supervision, 9 boreholes on Deposit A and 1 borehole on respectively Deposits D and E. The preliminary metallurgical test work realized on new core drilling, performed during 2009 by Corem laboratory under Met-Chem directives, indicates positive results and a quality grade concentrate with no contaminant.

The testwork on Deposit A (36% - 41% Fe mainly magnetite) responded well to low intensity magnetic separation and the first indication of the iron recovery are in the 90%+ with a percentage Fe in the concentrate of 65% to 68%. The test work on Deposits D and E with coarser magnetic grains indicates similar pattern to reach liberation. At this stage it is anticipated that a high quality concentrate could be produced at industrial scale. It is worthy to mention that the potential contaminants in the concentrate such as phosphorous are low (0.05%).

The conceptual-scoping study would cost about approximately \$ 6,000,000, and will include: preliminary environmental base line, stakeholders and native issues, geological mapping, diamond drill on Deposit A (45DDHs, 13,000 meters), bulk sampling, additional metallurgical tests to better define the concentration and the pelletizing process as well as the preliminary Capex and Opex of this project.

Niocan has not established new drilling campaign and converted the past historical resource into mineral resources. The past historical resource is not considered as mineral resources under NI 43-101 and new drilling is needed. In addition, since no qualified person has performed sufficient work required to classify the historical estimate as current mineral resources, Niocan is not treating the historical estimate as current mineral resources as defined in sections 1.2 and 1.3 of NI 43-101, and therefore, the historical estimate should not be relied upon.

Niocan will first concentrate its scoping-conceptual study on Deposit A (historical resources inside a design pit shell of 530,000,000T) before performing additional works on Deposit D (historical resources in a design pit shell of 145,000,000T) and Deposit E (historical resources in a design pit shell of 265,000,000T).

Based on the metallurgical results obtained, Niocan is looking to interest a joint venture partner in order to raise the funds to start a conceptual-scoping study. Once the project is started, the Company expects that it would take up to three (3) calendar seasons to conduct this study.

Transportation facilities

The property can currently be accessed by floatplane or by helicopter. The villages closest to the mineral prospect, being Whatmagoostui, which is located approximately 80 km from the mineral prospect, and Kuujuarapik, can be reached by air or boat. The navigation season is approximately of 5-6 months per

year through the Hudson strait. There is currently no road link connecting to these villages. The shipment of iron pellets could be made by building a seaport in Whatmagoostui, or by building a railway. The hydro-electrical sources of energy are located approximately 150 km from the project. We refer you to the report prepared by Met-Chem on August 31, 2006, for further information.

The construction of a 250 kilometers road between Radisson (James Bay, LG2 hydroelectric project), and the twin villages at the discharge of the Great Whale River, is planned within the next 5-10 years by the Ministry of Transport of Quebec (News: Nunavick November 12th, 2009, Jane George). Credible information obtained by Niocan indicates that this road will pass at 3 kilometers South-East from Niocan's GWIP Deposit A.

Work Program

In October 2012, the Company adopted a Work Program which consisted in the staking of additional claims, as further described herein, as well as in a regional airborne magnetics survey which was conducted in the vicinity of the GWIP, followed by a detailed airborne MAG-EM survey on the primary targets. The airborne surveys were conducted during the last quarter of 2012 and the first quarter of 2013. An analysis of this new data will help the Company delineate targets of greater interest for ground and field based follow-up.

4. Risk Factors

The business conducted by the Company involves numerous risks and uncertainties. The main risk factors and uncertainties facing the Corporation are disclosed in the "Risk and Uncertainties" section of the Company's Annual Report for the year ended December 31, 2013, which is incorporated herein by reference, as supplemented from time to time in the "Risk Factors and Uncertainties" section of the Company's quarterly reports to shareholders. These risks and uncertainties should be considered in conjunction with the other information included in this Annual Information Form. The Company's annual and quarterly reports are filed on SEDAR at www.sedar.com.

ITEM IV MANAGEMENT DISCUSSION AND ANALYSIS

Please refer to the 2013 Management Discussion and Analysis filed on SEDAR at www.sedar.com, which is incorporated herein by reference.

ITEM V CAPITAL STRUCTURE

The Company's authorized capital stock is made up of an unlimited number of common shares without nominal value, of which 22,979,868 are issued and outstanding on the date of this Annual Information Form. Each common share confers upon the bearer the right to vote at all shareholders' meetings, to receive all dividends associated with this class of shares as declared by the Company, and upon the dissolution of the Company, the bearer is entitled to receive, along with other shareholders, a share of the Company's assets, proportional to his/her holdings of common shares.

ITEM VI SECURITIES EXCHANGE

Since its listing in 1997, until December 7, 1999, the common shares of Niocan were traded on the Montreal Stock Exchange. Subsequent to the restructuring of the Canadian exchanges, the shares have been traded on the Toronto Stock Exchange, under the symbol 'NIO'.

The table below presents the price ranges and volume of trade of the Company's common shares on the Toronto Stock Exchange during 2013.

Month	High \$	Low \$	Volume
January	0.460	0.265	22,194
February	0.360	0.285	133,200
March	0.260	0.210	147,120
April	0.270	0.230	37,400
May	0.270	0.170	51,000
June	0.220	0.165	27,600
July	0.240	0.170	65,500
August	0.170	0.170	2,500
September	0.220	0.220	5,000
October	0.175	0.130	57,300
November	0.265	0.190	240,250
December	0.200	0.145	289,948

ITEM VII REGISTRAR AND TRANSFER AGENT

Niocan has retained the services of Computershare Trust Company of Canada as its registrar and transfer agent for common shares. This Company maintains the shareholder register at its office located at the following address:

Computershare Investor Services Inc.
100, University Avenue
9th Floor
Toronto ON
M5J 2Y1

ITEM VIII PROMOTERS

The Company has had no promoters in the 2 most recently completed financial years or during the current financial year.

ITEM IX LEGAL PROCEEDINGS AND REGULATORY ACTIONS

The Company has not been a party to any legal proceeding in 2013 and none are currently contemplated.

As described above, on September 24, 2012 the Company announced that it had received notice from the Toronto Stock Exchange (the "TSX") that the TSX had commenced a review of the eligibility for continued listing of the Company's securities on the TSX, since it did not meet certain of the TSX's listing requirements, including the minimum requirement for expenditures on exploration and/or development work. On March 1, 2013, the Company announced that it had been advised by the TSX that the TSX had completed its review and that it had determined that on such date, Niocan met the TSX's continued listing requirements.

ITEM X INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS

The following describes the material interest, direct or indirect, of any of the Company's insiders or their associates or affiliates, in transactions within the 3 most recently completed financial years or during the current financial year that has materially affected or is reasonably expected to materially affect the Company:

- On August 29, 2011, the Company announced a private placement with several debentureholders, including Nio-Metals and Palos Merchant Bank, as further described in Section 1.3 of this Annual Information Form. A referral fee of \$23,750 was paid to Palos Merchant Bank in relation to this placement, and interest was payable on a monthly basis to debentureholders under the terms of the debenture.
- On August 29, 2012, the debentures entered on August 29, 2011 with several debentureholders, including Nio-Metals and Palos Merchant Bank, were amended. Such debentures were converted on February 28, 2013.
- In March 2012, the Company signed a sublease agreement with a company related with Mr. Hubert Marleau. During 2013, the Company incurred \$21,600 of rent expenses related to this agreement.
- On February 19, 2013, the Company entered into a private placement with Nio-Metals, which is further described in Section 1.4 of this Annual Information Form.
- On February 28, 2013, the 2011 Debentures held by several debentureholders, including Nio-Metals and Palos Merchant Bank, were converted at Niocan's option into common shares of the Company.

ITEM XI MATERIAL CONTRACTS

On February 19, 2013, the Company entered into a Secured Subordinated Debenture with Nio-Metals Holdings LLC. This Debenture, which was filed on SEDAR on March 6, 2013, may be consulted at www.sedar.com.

ITEM XII DIRECTORS AND SENIOR MANAGEMENT

The following table sets forth each director's name, province or state and country of residence, his principal occupation, the year in which he first became a director, and the number of shares of the Company beneficially owned, directly or indirectly, or over which control or direction was exercised by each director as at the date of this Annual Information Form. Directors are elected until the Company's next annual meeting of shareholders.

Name and residence	Position within the Company	Principal occupation	Director since	Number of common shares
HUBERT MARLEAU Ontario, Canada	Chairman of the Board of Directors, President and CEO	Economist, Palos Capital Corporation	1999	140,000
REMO J. MANCINI Ontario, Canada	Director	President of Sandstone Strategies	2007	Nil
MARK WALLACE New-York, USA	Director	Chief Operating Officer of Electrum Group LLC	August 29, 2011	9,984,741 Common Shares ⁽²⁾
JOEL BELL Ontario, Canada	Director	Business Consultant	October 29, 2012	Nil

(1) These shares are held through Registered Retirement Income Fund (RRIF) under Mr. Marleau's control.

(2) These shares are owned by Nio-Metals. Mr. Wallace is a member of the board of directors of The Electrum Group LLC, which has voting and dispositive power over the Common Shares held by Nio-Metals, a company controlled by Electrum Group LLC.

Following are brief biographies of the Company's directors:

Hubert Marleau – Mr. Hubert Marleau is the Economist and Co-Founder of Palos Management. With over 30 years of experience in the business and financial community, Mr. Marleau has raised funds privately and publicly for hundreds of emerging and mature companies, structured many mergers and acquisitions as well as designed and created numerous financial deals in Canada. Mr. Marleau has worked at the senior executive level of several large investment banks notably, Nesbitt Thomson Inc., Levesque Beaubien Inc. and Marleau, Lemire Inc. During his career, Mr. Marleau was a Chairman of the Listing Committee of the Toronto Stock Exchange, a governor of the Montreal Stock Exchange and the Vancouver Stock Exchange, a director of the Investment Dealer Association of Canada and Board member for a multitude of publicly traded companies. Mr. Marleau graduated from the University of Ottawa with an Honours Bachelor of Science in Economics. Since January 2011, he became Interim Chairman and CEO of Niocan, and since October 29, 2012, he has been Chairman and CEO of the Company.

Remo Mancini – Mr. Remo Mancini is a former Canadian and U.S. senior corporate executive and former Ontario Government Cabinet Minister. As a distinguished member of the Ontario Legislature for 18 years, Mr. Mancini was a Member of the Cabinet, serving in both economic and social portfolios. He also held the notable positions of: Chairman of the Public Accounts Committee, Parliamentary Assistant to the Premier, and Official Opposition Party House Leader. In the business world, Mr. Mancini served as Executive Vice President at The Canadian Transit Company and the Detroit International Bridge Company, the private companies that own, manage and operate the Ambassador Bridge, the world's busiest commercial border crossing. Mr. Mancini is a graduate of the Directors Education Program offered by the Institute of Corporate Directors and the University of Toronto's Rotman School of Management, and he has earned the internationally recognized designation of ICD.D. Mr. Mancini is the President/Owner of Sandstone Strategies, established in 2004.

Mark Wallace – Ambassador Mark D. Wallace serves as the Chief Operating Officer of The Electrum Group LLC, a New York City-based investment, advisory and asset management firm that focuses on natural resources and the natural resources sector. Most recently, he served as United States

Ambassador to the United Nations, Representative for U.N. Management and Reform. Ambassador Wallace was the chief U.S. negotiator to the world body on matters relating to reform and budget and he was the chief of U.S. oversight into matters relating to U.N. mismanagement, fraud and abuse. Prior to his service at the United Nations, Ambassador Wallace served in a variety of government, political and private sector posts including in the U.S. Department of Justice, the U.S. Immigration and Naturalization Service, the U.S. Department of Homeland Security and the U.S. Federal Emergency Management Agency. During the 2008 U.S. Presidential campaign he was a senior advisor to McCain-Palin 2008 and led the debate preparation team for Governor Sarah Palin. During the 2004 Presidential campaign, Ambassador Wallace served as the Bush-Cheney 2004 Deputy Campaign Manager. Ambassador Wallace also has extensive experience in the private sector. He was of counsel in the Washington DC office of Akerman Senterfitt, one of Florida's largest law firms, as it established and grew its presence in Washington D.C.

Joel Bell - Mr. Joel Bell was founding President and Chief Executive Officer of Canada Development Investment Corporation (CDIC). He was Executive Vice President and Chief Financial Officer of PetroCanada. He was jointly responsible in Northbridge Inc. for the establishment of two US TV networks and served as a Director. He was Executive Chairman of Power DirecTV. He founded the Maxlink Group of Companies as its President and CEO. He has served as President of a real estate development company in Paris. He has worked as a business development and financial advisor and served on the boards of a number of companies in natural resources, financial intermediation services, manufacturing, telecommunications and broadcasting. He was Senior Economic Advisor to Prime Minister Pierre Elliot Trudeau and held a variety of positions with the Government of Canada, including: Special Advisor to the Department of Energy, Mines and Resources; Special Counsel to the Canadian Radio-Television Telecommunications Commission; Chairman of the Working Group on Foreign Investment; Special Advisor to the Minister of Consumer and Corporate Affairs; Staff Consultant to the Canada Department of Labour; Consultant to the Economic Council of Canada; and Research Officer with the Prime Ministerial Task Force on Labour Relations. He has served as Chairman of the Council for Canadian- American Relations based in New York, as a Director of the Canada-France Business Council and is currently Chairman of the Chumir Foundation for Ethics in Leadership, an activity he founded. Mr. Bell was educated in economics, political science and law at McGill University and did graduate studies in business, economics and law at Harvard University.

The following is a brief biography of the Company's Chief Financial Officer:

Bruno Dumais - Mr. Bruno Dumais was appointed Niocan's Finance and Chief Financial Officer, and Corporate Secretary in August 2013. Mr. Dumais was previously Consultant and Vice-President, Finance and Chief Financial Officer at Mitec Telecom since October 2006. Mr. Dumais is a Chartered Professional Accountant since 1989 and holds a Bachelor in Business Administration (U.Q.A.R.) and an International MBA (University of Ottawa). Furthermore, Mr. Dumais serves as a Director of VVC Exploration Corporation (TSX:V). Mr. Dumais resides in the province of Quebec, Canada, and does not own any shares of the Company.

As at the date of this Annual Information Form, the directors and executive officers of the Company owned or controlled or directed, directly indirectly, as a group, 10,124,741 common shares of the Company, representing approximately 44% of the issued and outstanding common shares of the Company.

The Committees of the Board of Directors are as follows:

Committee	Membership
Governance, Nominating and Compensation Committee	Remo Mancini (Chair) Joel Bell Mark Wallace
Audit Committee	Remo Mancini (Chair) Joel Bell Mark Wallace

ITEM XIII CEASE-TRADE ORDERS, BANKRUPTCIES, PENALTIES OR SANCTIONS

To the Company’s knowledge, and based on information provided by each director and officer, with the exception of the facts disclosed below with respect to Mr. Marleau and Mr. Dumais:

- (a) no director or executive officer of our Company is, as at the date hereof or has been, within the 10 years before the date hereof, a director, chief executive officer or chief financial officer of any company, that,
 - (i) was the subject of a cease trade or similar order or an order that denied the relevant company access to any exemption under securities legislation, for a period of more than 30 consecutive days (an “Order”), that was issued while the director or executive officer was acting in its capacity as director, chief executive officer or chief financial officer; or
 - (ii) was subject to an Order that was issued, after the director or executive officer ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while that person was acting in the capacity as director, chief executive officer or chief financial officer.

- (b) no director or executive officer of our Company, or shareholder holding a sufficient number of securities of our Company to affect materially the control of our Company:
 - (i) is, at the date hereof, or has been, within the 10 years before the date hereof, a director or executive officer of any company that, while that person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or was subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold its assets;
 - (ii) has, within 10 years before the date of the AIF, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or became subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the director, executive officer or shareholder.

- (c) no director or executive officer or shareholder holding a sufficient number of securities of our Company to affect materially the control of our Company:
 - (i) has been subject to penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority, or has entered into a settlement agreement with a securities regulatory authority; or

- (iv) has been subject to any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

Mr. Marleau was a director of Magistral Biotech Inc. in early 2006 when it was subject to a cease trade order imposed by L'Autorité des marchés financiers and the British Columbia Securities Commissions because it did not file a comparative financial statement for the financial year ended December 31, 2005. Magistral Biotech Inc. subsequently filed the necessary disclosures and in late 2006, L'Autorité des marchés financiers and the British Columbia Securities Commissions each issued Partial Revocation Orders allowing Magistral Biotech Inc. to effect certain transactions to complete a reverse take-over with Immunotec Research Ltd.

Mr. Marleau was a director of Malette International Inc. ("Malette") a reporting issuer listed on the Toronto Stock Exchange Venture Exchange when, on February 26, 2007, Malette Industries Inc., a wholly-owned subsidiary of Malette, filed a notice of intention to make a proposal to its creditors under the Bankruptcy and Insolvency Act. On February 27, 2007, a creditor of Malette Hardwood Flooring Inc., another subsidiary of Malette, obtained a receivership order from the Superior Court of Québec. On February 2, 2007, the Autorité des marchés financiers issued a cease trade order against Malette for its failure to file financial statements for the year ended September 30, 2006. Effective March 1, 2007, Mr. Marleau resigned from the board of directors of Malette.

Mr. Marleau was required by the TSX Venture Exchange, in May 2007, to submit an undertaking to the TSX Venture Exchange concerning the submission in a true and correct manner of all future Personal Information Forms in relation to acting as director of Artevo Corporation. Mr. Marleau was reprimanded by the TSX Venture Exchange, on May 12, 2011, for the breach of his 2007 undertaking to the TSX Venture Exchange; required to attend a workshop, required to pay a fee of \$3,000, required to provide a written acknowledgement that he had read the TSX Venture Exchange correspondence and that the 2007 undertaking remains in effect.

Mr. Marleau was a director of Mitec Telecom Inc. ("Mitec") when, on September 15, 2010, Mitec applied for and was granted a management cease trade order (a "MCTO"), as provided for in National Policy 12-203, from l'Autorité des marchés financiers (the "AMF"), Mitec's lead regulator. On September 29, 2010, Mitec announced its financial results, which resulted in the lifting of the MCTO.

On May 31, 2011, the AMF instituted proceedings before the Bureau de decision et de révision (the "BDRVM") wherein the AMF sought payment by Palos Management Inc. ("Palos"), a company for which Mr. Marleau was then acting as president and chairman, of a monetary penalty of \$36,500 and an order requiring Palos to submit certain components of certain financial statements which the AMF alleged were not duly filed for the periods ending June 30, 2009, December 31, 2009 and June 30, 2010. The proceedings related to investment funds managed by Palos and offered under statutory prospectus exemptions. In the interim, Mr. Marleau resigned as president and chairman of Palos. On November 23, 2011, Palos and the AMF entered into a joint submission and acknowledgement of facts in which Palos acknowledged the facts alleged by the AMF and agreed to pay an administrative penalty of \$26,500.

Mr. Dumais was an Officer of Mitec Telecom Inc. ("Mitec") when, on September 15, 2010, Mitec applied for and was granted a management cease trade order (a "MCTO"), as provided for in National Policy 12-203, from the AMF, Mitec's lead regulator. On September 29, 2010, Mitec announced its financial results, which resulted in the lifting of the MCTO.

ITEM XIV INTEREST OF EXPERTS

KPMG, the external auditor of the Company, reported on the fiscal 2013 audited consolidated financial statements of the Company, which were filed with the securities regulatory authorities. We were advised that the members of KPMG were independent in accordance with the Code of Ethics of Chartered Accountants of Québec.

In addition, the following firms and designated professionals have prepared or certified a statement, report or valuation described or included in a filing, or referred to in a filing, made by the Company under National Instrument 51-102 during, or relating, to the financial year of the Company ended December 31, 2013:

- Mr. Daniel Gagnon, Mr. Raynald Jean, Mr. Antoine Galarneau and Mr. Marc-André Brulotte of Met-Chem Canada Ltée have contributed in 2009-2010 to a report relative to the qualification of mineral resources of the Company's Oka niobium property.
- Mr. Serge Lavoie, geological engineer and qualified person, prepared a report in 2009-2010, which was amended by Mr. Lavoie in 2011, relative to the qualification of mineral resources of the Company's Oka niobium property, which was filed on SEDAR on March 15, 2010 and re-filed on SEDAR on November 16, 2011. Mr. Jean-Claude Caron, engineer, has contributed to the original report;
- Mrs. Christine Croteau and Mrs. Guylaine Laforest of Corem, and Mr. Raynald Jean, Mr. Alain Dorval, Mr. Yves Cloutier, Mr. Antoine Galarneau and Mrs Celine Larderaz of Met-Chem Canada Ltée have prepared reports in 2009-2010 relative to metallurgical testing for the Company's Great Whale Iron Property, the results of which were announced by the Company on February 22, 2010.
- Mr. Jacques Racine, Mr. Yves Cloutier, Mr. Alain Michaud, Mr. Michel Bilodeau, Mr. Raynald Jean, Mr. Daniel Gagnon, Mr. Calota Costinel, Mr. Ludwik Grabowski, Mr. Jeffrey Cassoff and Mr. Martin Houde of Met-Chem Canada Ltée have prepared a report in 2009-2010 relative to the capital and operating expenditures relative to the Company's Oka niobium property; and
- Mr. Patrick Hagarty, Mr. Alain Drouin, Mr. Stéphane Tremblay and Mr. Julien Bruxelles-Fradette of KPMG have prepared a report in 2009-2010 to update a report prepared in 2000 on the socio-economic impact of the Oka Project, which report was announced by the Company on March 17, 2010.

To the Company's knowledge, none of the foregoing persons or companies held any interests, direct or indirect, in any securities or other property of Niocan, when they prepared their report, nor did they receive or were they entitled to receive any such interests after the preparation of such report. The information as to the interests of these experts in the securities of the Company, not being within the personal knowledge of the Company, has been provided by each firm and/or expert.

ITEM XV AUDIT COMMITTEE INFORMATION

The text of the Company's Audit Committee Charter is reproduced as Schedule A of this Annual Information Form.

1. Composition of the Audit Committee

The Audit Committee is formed of three directors, Remo Mancini (Chair), Joel Bell and Mark Wallace (since November 18, 2013). All current members are independent and financially literate as required by National Instrument 52-110.

2. Relevant Education and Experience

The following describes the relevant education and experience of each member of the Audit Committee that provides him or her with (a) an understanding of the accounting principles used by the Company to prepare its financial statements, (b) the ability to assess the general application of such accounting principles, (c) experience preparing, auditing, analyzing or evaluating financial statements that present a breadth and level of complexity of accounting issues that are generally comparable to those that can reasonably be expected to be raised by the Company's financial statements or experience actively

supervising one or more persons engaged in such activities and (d) an understanding of internal controls and procedures for financial reporting.

Remo Mancini – Mr. Remo Mancini is a former Canadian and U.S. senior corporate executive and former Ontario Government Cabinet Minister. As a distinguished member of the Ontario Legislature for 18 years, Mr. Mancini was a Member of the Cabinet, serving in both economic and social portfolios. He also held the notable positions of: Chairman of the Public Accounts Committee, Parliamentary Assistant to the Premier, and Official Opposition Party House Leader. In the business world, Mr. Mancini served as Executive Vice President at The Canadian Transit Company and the Detroit International Bridge Company, the private companies that own, manage and operate the Ambassador Bridge, the world's busiest commercial border crossing. Mr. Mancini is a graduate of the Directors Education Program offered by the Institute of Corporate Directors and the University of Toronto's Rotman School of Management, and he has earned the internationally recognized designation of ICD.D. Mr. Mancini is the President/Owner of Sandstone Strategies, established in 2004. He is the Chairman of the Audit Committee of Melior Resources Inc., a TSX Venture Exchange listed company, and he serves on the Audit Committee of Estrella International Energy Services Ltd., a TSX Venture Exchange listed company with more than 1,500 employees.

Mark Wallace – Ambassador Mark D. Wallace serves as the Chief Operating Officer of The Electrum Group LLC, a New York City-based investment, advisory and asset management firm that focuses on natural resources and the natural resources sector.

Joel Bell - Mr. Bell possesses extensive business experience as he has held senior executive positions in several companies and organizations over the years. He was also Senior Economic Advisor to Prime Minister Pierre Elliot Trudeau and held a variety of positions with the Government of Canada. Mr. Bell was educated in economics, political science and law at McGill University and did graduate studies in business, economics and law at Harvard University.

3. Policy Regarding Non-Audit Service Rendered by Auditors

The Charter of the Audit Committee requires the Audit Committee to pre-approve all non-audit services to be provided by the external auditors of the Company. The terms of such policy are more fully set out in the text of the Charter, reproduced as Schedule A of this Annual Information Form.

4. Remuneration of Auditors

The following table presents, by category, the fees billed by the external auditors of the Company, KPMG, for fiscal years 2012 and 2013:

Category of fees	2012 \$	2013 \$
Audit Fees	24,750	19,950
Audit-Related Fees		
- Documentation assistance on internal controls	5,200	5,500
- French translation of the financial statements	2,500	1,500
Tax Fees	7,730 ⁽¹⁾	3,850
All Other Fees	475 ⁽²⁾	-
Total	40,655	30,800

(1) Includes professional services for the preparation of the Company's Income Tax Returns as well as services provided regarding the eligibility of expenses for resource tax credits.

(2) Includes consultations concerning the debentures.

ITEM XVI ADDITIONAL INFORMATION

At any time, the Company, upon request to the Corporate Secretary of the Company, will provide to any person or corporation, (i) one copy of the Annual Information Form of the Company, together with one copy of any document or the pertinent pages of any document incorporated by reference in the Annual Information Form, (ii) one copy of the comparative financial statements of the Company for its most recently completed financial year for which financial statements have been filed, together with the accompanying report of the auditor and Management Discussion and Analysis, and one copy of the most recent interim financial statements of the Company that have been filed, if any, for any period after the end of its most recently completed financial year and (iii) one copy of the Management Proxy Circular of the Company in respect of its most recent annual meeting of shareholders that involved the election of Directors or one copy of any annual filing prepared instead of that circular, as appropriate, provided that the Company may require the payment of a reasonable charge if the request is made by a person or a company who is not a shareholder of the Company. The public documents of the Company can also be accessed via Internet on the SEDAR site at www.sedar.com.

Additional information, including Directors' and Officers' remuneration and indebtedness, principal holders of the Company's securities, options to purchase securities and interests of insiders in material transactions, if applicable, is contained in the Company's Management Proxy Circular for its most recent annual meeting of shareholders that involved the election of Directors. Additional financial information is provided in the Company's comparative financial statements for its most recently completed financial year.

XVII SCHEDULE A AUDIT COMMITTEE CHARTER

1. Mandate and objectives

The mandate of the Audit Committee of the Company (the "Committee") is to assist the Board of Directors of the Company (the "Board") in fulfilling its financial oversight responsibilities by reviewing the financial reports and other financial information provided by the Company to regulatory authorities and shareholders, the Company's systems of internal controls regarding finance and accounting and the Company's auditing, accounting and financial reporting processes.

The objectives of the Committee are to:

- (i) serve as an independent and objective party to monitor the Company's financial reporting and internal control system and review the Company's financial statements;
- (ii) ensure the independence of the Company's external auditors; and
- (iii) provide better communication among the Company's auditors, the management and the Board.

2. Composition

The Committee shall be comprised of at least three (3) Directors as determined by the Board, all of whom shall be free from any relationship that, in the opinion of the Board, would interfere with the exercise of their independent judgment as members of the Committee.

Each member of the Committee shall have accounting or related financial management expertise. For the purposes of this Charter, the definition of "financially literate" is the ability to read and understand a set of financial statements that present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of the issues that can presumably be expected to be raised by the Company's financial statements.

The members of the Committee shall be elected by the Board at its first meeting following each annual shareholders' meeting. Unless a Chairman is elected by the Board, the members of the Committee may designate a Chairman by a majority vote of all the Committee members.

3. Meetings and procedures

3.1 The Committee shall meet at least once every quarter or more frequently if required.

3.2 At all meetings of the Committee, every question shall be decided by a majority of the votes cast. In the case of an equality of votes, the Chairman shall not be entitled to a second vote.

3.3 A quorum of meetings of the Committee shall be a majority of its members and the rules for calling, holding, conducting and adjourning meetings of the Committee shall be the same as those governing meetings of the Board.

4. Duties and responsibilities

The following are the general duties and responsibilities of the Committee:

4.1 Financial Statements and Disclosure Matters

a) review the Company's financial statements, MD&A and any press releases regarding annual and interim earnings, before the Company publicly discloses such information, and any reports or other financial information which are submitted to any governmental body or to the public;

4.2 External Auditors

- a) recommend to the Board the selection and, where applicable, the replacement of the external auditors to be nominated annually as well the compensation of such external auditors;
- b) oversee the work and review annually the performance and independence of the external auditors who shall be ultimately accountable to the Board and the Committee as representatives of the shareholders of the Company;
- c) on an annual basis, review and discuss with the external auditors all significant relationships they may have with the Company that may impact their objectivity and independence;
- d) consult with the external auditors about the quality of the Company's accounting principles, internal controls and the completeness and accuracy of the Company's financial statements;
- e) review and approve the Company's hiring policies regarding partners, employees and former partners and employees of the present and former external auditors of the Company;
- f) review the audit plan for the year-end financial statements and intended template for such statements;
- g) review and pre-approve all audit and audit-related services and the fees and other compensation related thereto, as well as any non-audit services provided by the external auditors to the Company or its subsidiary entities. The pre-approval requirement is satisfied with respect to provision of non-audit services if:
 - i) the aggregate amount of all such non-audit services provided to the Company constitutes no more than 5% of the total amount of fees paid by the Company and its subsidiary entities to its external auditors during the fiscal year in which the non-audit services are provided;
 - ii) such services were not recognized by the Company or its subsidiary entities as non-audited services at the time of the engagement; and
 - iii) such services are promptly brought to the attention of the Committee by the Company and approved, prior to the completion of the audit, by the Committee or by one or more of its members to whom authority to grant such approvals has been delegated by the Committee.

The Committee may delegate to one or more independent members of the Committee the aforementioned authority to pre-approve non-audited services, provided the pre-approval of the non-audit services is presented to the Committee at its first scheduled meeting following such approval.

4.3 Financial Reporting Processes

- a) in consultation with the external auditors, ensure that adequate procedures are in place to review communications made to the public of the Company's financial information, and review with management the integrity of the Company's financial reporting process, both internal and external;
- b) consider the external auditor's judgments about the quality and appropriateness of the Company's accounting principles as applied in its financial reporting;
- c) consider and approve, if appropriate, changes to the Company's auditing and accounting principles and practices as suggested by the external auditors and management;
- d) review any significant disagreement among management and the external auditors in connection with the preparation of the financial statements;

e) review with the external auditors and management the extent to which changes and improvements in financial or accounting practices have been implemented;

f) establish procedures for the confidential, anonymous submission by employees of the Company of concerns regarding questionable accounting or auditing matters and the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls or auditing matters.