

Cree Mineral Exploration Board

ANNUAL REPORT 2016-2017

&

WORK PLAN 2017-2018

Submitted to:

MINISTÈRE DE L'ÉNERGIE ET DES RESSOURCES NATURELLES, QUEBEC

(QUEBEC MINISTRY OF ENERGY AND NATURAL RESOURCES)

And

CREE NATION GOVERNMENT, QUEBEC

Youcef Larbi,

Marlene MacKinnon,

Reggie Mark

Wemindji 2017

CREE MINERAL EXPLORATION BOARD

Directors:

Reggie Mark, President

Andy Baribeau

Sam Bosum

Mark Wadden

Robert Giguère

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1. INTRODUCTION

The **Cree Mineral Exploration Board** (the CMEB, the Board) was formed pursuant to Chapter 5 of the Agreement entitled *Agreement concerning a New Relationship between le Gouvernement du Québec and the Crees of Quebec* (the Agreement). Its functions are aimed at developing and enhancing mineral exploration in Eeyou Istchee (the Cree Territory). To achieve this, it will benefit from a minimum annual budget of \$300,000 per year provided by the Quebec Ministry of Energy and Natural Resources (MENR).

The CMEB head office was opened in Wemindji in March 2003 and a sub-office was opened in Mistissini in 2005. The activities of the CMEB are oriented towards mineral resource exploration in Eeyou Istchee in a context of sustainable economic development.

The executives and directors of the CMEB are submitting this yearly activity report describing the CMEB and detailing its activities and projects for the fiscal year April 2016 to March 2017. This report is prepared in accordance with Section 7 of the *Agreement concerning Mineral Resources Development in the James Bay Cree Territory*, and in accordance with section 6.4 of the Quebec Mineral Exploration Assistance Program (QMEAP) framework provided as for on Schedule 1 of the Agreement. The report includes the following areas of activity: awareness and promotion, training, job opportunities and assistance, prospecting, autonomous prospectors and developing entrepreneurship.

2. BACKGROUND

Chapter 5 of the Agreement entitled *Agreement concerning a New Relationship between le Gouvernement du Québec and the Crees of Quebec* concerns mining. In particular, referring to Section 5.3:

Quebec will promote and facilitate the participation of the James Bay Crees in mineral exploration activities in the Territory. In particular, Quebec and the Crees will set up before April 1st, 2002 a Mineral Exploration Board which will be largely composed of Cree representatives but with some representation by Quebec.

The Cree Mineral Exploration Board was duly set up in accordance with that section of the Agreement. The remainder of Section 5.3 specifies the purpose of the Board and the financial terms:

This Board benefits as of the 2001-02 Financial Year from the available regular program funding of Quebec for such purposes presently set at three hundred thousand dollars (\$300,000) per Financial Year. The main purposes of this Mineral Exploration Board will be to:

- a) Assist the Crees in accessing mineral exploration opportunities;*
- b) Facilitate the development of mineral exploration activities by Cree Enterprises;*
- c) Facilitate and encourage the access by the Crees and Cree Enterprises to regular Quebec program funding and other encouragements for mineral exploration activities;*
- d) Act as an entry mechanism for offers of services by Crees and Cree Enterprises in the field of mineral exploration.*

On March 22nd 2002, the Cree Nation Government (CNG) (at that time the Cree Regional Authority), the Quebec Government and the Cree Mineral Exploration Board signed an additional and specific Agreement entitled *Agreement concerning Mineral Resources Development in the*

James Bay Region. Section 6 of the Agreement on Mineral Resources Development states the obligations of the CNG as, (among others), to:

Cover CMEB administrative expenses from its operating budget may include among others rent and office expenses, accounting and audit fees, the transportation and travel expenses of CNG representatives for meetings of the board of directors of the CMEB.

3. THE MISSION OF THE BOARD

Shortly after the Board became operational in the fall of 2002, a five year work plan was developed and adopted by the Board. This was the plan submitted to the MENR for the 2002-03 funding of the CMEB. Activities of the Board address the following five programs:

Awareness and Promotion

The CMEB works with local schools to develop a program with the students based on Eeyou Istchee geology. This can be expanded in the future to include other schools under the jurisdiction of the Cree School Board. We also work with other Cree organizations involved in the various fields of the mining industry to raise awareness and promotion, and to inform people about mining activities in Cree Territory. It is also the intention of the Board to attend economic development related conferences and seminars at the Cree level to enhance awareness and promotion of the industry.

Training and Job Assistance

The Board works very closely with Cree Human Resources Development (CHRD) - Territorial Programs sector to examine various ways of approaching training and job assistance to benefit the Cree population in general. It is our understanding that the MENR will be involved in assisting us in approaching the different mining companies in the territory about possible job opportunities for Crees. The Board will also be working with the local entities embarking on training programs in the mining sector.

Assistance to Prospectors

The geologists of the Board provide technical assistance whenever required by a Cree prospector. The Chief Geologist will also be developing basic prospectors training packages at the local levels to increase the number of prospectors active in the territory. It is the objective of the Board to make this assistance a priority for the future activities of licensed Cree prospectors.

Project Development and Entrepreneur's Assistance

Due to the volume of financial requests from this sector, the Board developed a system for prioritizing requests and submissions have to be received by a particular date to be considered for funding. The other sector of interest is that of joint ventures between Crees and non-Crees on exploration projects. The CMEB will continue funding similar viable projects.

Geosciences Expertise and Technical Assistance

The Board continues to maintain its database on mineral exploration activities in Eeyou Istchee. This information is available when required by Cree entities and individuals. We also want to be in a position to respond technically to any environmental concerns that may arise as a result of a particular project.

4. ACTIVITIES OF THE BOARD 2016-2017

The activities summarized in this section include:

1. Meetings and resolutions;
2. 2016-2017 work plan (Reminder);
3. Awareness and promotion;
4. Training and job assistance;
5. Field projects with training;
6. Prospector assistance;
7. Project development and entrepreneur assistance;
8. New projects;
9. Geosciences;
10. Collaborations;
11. Public services and interventions.

4.1 MEETINGS AND RESOLUTIONS 2016-2017

The following resolutions were adopted by the executives and directors during CMEB meetings held from April 2016 to March 2017.

DATE	RESOLUTION	SUBJECT
June 2, 2016 In Amos.	1617-01	<p>On a motion duly made by Reggie Mark seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-01:</p> <p>the Board of Directors has reviewed the following document: «Proposal, Communications Plan for the Cree Mineral Exploration, Suzanne Bourdon, Aboriginal Affairs Advisor, February 26th, 2015» hereinafter referred to as the: «Proposal»;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount of TEN THOUSAND DOLLARS (\$10,000) including related expenses such as travel;</p> <p>the Chief Geologist be and is hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-02	<p>On a motion duly made by Sam Bosum and seconded by Reggie Mark it was resolved that the meeting adopts Resolution 1617-02:</p> <p>the Board of Directors has reviewed the following document entitled: «Requesting funds to cover Research and grassroots exploration on new targets in Eeyou Istchee, Wemindji Exploration Inc. November 12, 2015» hereinafter referred to as the «Proposal»;</p> <p>the Board of directors has reviewed the minutes of the meeting held on November 12th, 2015 where this proposal was initially discussed;</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.4 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$61,200 and in accordance with the provisions of Section 4.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$45,900;</p> <p>the Board of Directors hereby ratifies the proposal for a maximum amount of FORTY FIVE THOUSAND NINE HUNDRED DOLLARS (\$45,900);</p> <p>the Corporation shall enter into a funding agreement with Wemindji Exploration concerning the Proposal;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-03	<p>On a motion duly made by Sam Bosum and seconded by Reggie Mark it was resolved that the meeting adopts Resolution 1617-03:</p> <p>the Board of Directors has reviewed the following document entitled: «Wemindji Exploration, request of funds for summer 2016 exploration works on claims, 33C07 and 33C06, May 25, 2016» hereinafter referred to as the «Proposal»;</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.4 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$63,384 and in accordance with the provisions of Section 4.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$47,538;</p> <p>the Board of Directors hereby ratifies the proposal for a maximum amount of FORTY SEVEN THOUSAND FIVE HUNDRED AND THIRTY EIGHT DOLLARS (\$47,538);</p> <p>the Corporation shall enter into a funding agreement with Wemindji Exploration concerning the Proposal;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-04	<p>On a motion duly made by Robert Giguère seconded by Reggie Mark, it was resolved that the meeting adopts Resolution 1617-04:</p> <p>the Board of Directors has reviewed the following document: «Individual Prospector, Larry Desgagné, Nacobi 2016, March 10, 2016 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.3 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount of SIXTEEN THOUSAND AND NINE HUNDRED DOLLARS (\$16,900);</p> <p>the Corporation shall enter into a funding agreement with Mr. Larry Desgagné for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-05	<p>On a motion duly made by Reggie Mark seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-05:</p> <p>the Board of Directors has reviewed the following document: «Individual Prospectors, Nikamoon Mitchel and Robert Ratt, M 41 phase 2, May 12, 2016 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.3 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount of EIGHT THOUSAND AND TWO HUNDRED DOLLARS (\$8,200);</p> <p>the Corporation shall enter into a funding agreement with Mr. Nikamoon Mitchell and Robert Ratt for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-06	<p>On a motion duly made by Sam Bosum seconded by Reggie Mark, it was resolved that the meeting adopts Resolution 1617-06:</p> <p>the Board of Directors has reviewed the following document: « Individual Prospectors, Dennis Moar, Rawkzt phase 2, June, 2016 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.3 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount of FIVE THOUSAND AND EIGHT HUNDRED DOLLARS (\$5,800);</p> <p>the Corporation shall enter into a funding agreement with Mr. Nikamoon Mitchell and Robert Ratt for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-07	<p>On a motion duly made by Robert Giguère seconded by Reggie Mark, it was resolved that the meeting adopts Resolution 1617-07:</p> <p>the Directors have reviewed the following documents entitled: «CMEB, 2016 Mistissini Prospecting Initiation Course NTS 321/04 and 321/05», dated May 2016 and «CMEB, Mapping Category 1 land Waskaganish and Washaw Sibi, Field Mineral Exploration Initiation» dated May 2016, (hereinafter collectively referred to as the «Proposal»);</p> <table style="margin-left: 40px;"> <tr> <td>CMEB Summer 2016 Prospecting Training Program</td> <td></td> </tr> <tr> <td>Mistissini Prospecting Course</td> <td>\$45,835</td> </tr> <tr> <td>Mapping Category 1 land Waskaganish and Washaw Sibi</td> <td>\$70,000</td> </tr> <tr> <td colspan="2">Total \$115,835</td> </tr> </table> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.2 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 executed between the Corporation, the Cree Nation Government and the Québec Ministry of Natural Resources;</p> <p>the Proposal be hereby approved for a maximum amount of ONE HUNDRED FIFTEEN THOUSAND EIGHT HUNDRED AND THIRTY-FIVE DOLLARS (\$115,835);</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>	CMEB Summer 2016 Prospecting Training Program		Mistissini Prospecting Course	\$45,835	Mapping Category 1 land Waskaganish and Washaw Sibi	\$70,000	Total \$115,835	
CMEB Summer 2016 Prospecting Training Program										
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Total \$115,835										

	1617-08	<p>On a motion duly made by Reggie Mark and seconded by Robert Giguère, it was resolved that the meeting adopts Resolution 1617-08:</p> <p>the Board of Directors has reviewed the following documents entitled: « Nimsken Corporation, 2016 Beep Mat prospecting project Targets 32G07-A, B, C and 32G15-D and E, May 22, 2016» (hereinafter referred to as the: «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.4 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$50,000 and in accordance with the provisions of Section 4.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$37,500;</p> <p>Mr. Sam Bosum has filed in the record of the Corporation a continuing declaration of interest with respect to the proponent and accordingly, abstained himself from voting and participating into the deliberation of the present Resolution;</p> <p>the Board of Directors hereby approves the Proposal for the maximum amount of THIRTY SEVEN THOUSAND AND FIVE HUNDRED DOLLARS (\$37,500);</p> <p>the Corporation shall enter into a funding agreement with Nimsken Corporation for the carrying out of the Proposal;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
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	1617-09	<p>On a motion duly made by Robert Giguère and seconded by Reggie Mark it was resolved that the meeting adopts Resolution 1617-09:</p> <p>the Board of Directors has reviewed the following documents entitled: « Native Exploration Services, Prospecting and follow-up on Targets 32G10-A, 32G11-B and 32J01-C, May 21, 2016» (hereinafter referred to as the: «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.4 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$74,070 and in accordance with the provisions of Section 4.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$50,000;</p> <p>Mr. Sam Bosum has filed in the record of the Corporation a continuing declaration of interest with respect to the proponent and accordingly, abstained himself from voting and participating into the deliberation of the present Resolution;</p> <p>the Board of Directors hereby approves the Proposal for the maximum amount of FIFTY THOUSAND DOLLARS (\$50,000);</p> <p>the Corporation shall enter into a funding agreement with Mr. Sam Bosum (Natives Exploration Services);</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
July 26, 2016 By conference call.	1617-10	<p>On a motion duly made by Mark Wadden and seconded by Sam R. Bosum it was resolved that the meeting adopts Resolution 1617-10:</p> <p>the Board of Directors has reviewed the following document: «Cree Mineral Exploration Board, draft Financial Statements, March 31, 2016» (hereinafter referred to as: «Audited Financial Statements 2015-2016»);</p> <p>the Board of Directors hereby approves the Audited Financial Statements 2015-2016;</p> <p>the President, Mr. Reggie Mark and Mr. Mark Wadden be and are hereby authorized to sign the Audited Financial Statements 2015-2016 on behalf of the Corporation.</p>

September 29, 2016 By conference call.	1617-11	<p>On a motion duly made by Mark Wadden and seconded by Sam Bosum, it was resolved that the Board of Directors adopts Resolution 1617-11:</p> <p>the Corporation has executed in March 2014 with the Ministry of Natural Resources and the Cree Nation Government an Agreement entitled: «Agreement on Mineral Resources Development in the James Bay Territory 2013-2016» which expired on March 31st, 2016;</p> <p>the Board of Directors reviewed the following document entitled: « 2016- 2019 Agreement on Mineral Resource Development in the Eeyou-Istchee - James Bay Territory» (hereinafter referred to as: «MENR-CNG-CMEB 2016-2019 Agreement»);</p> <p>the Board of Directors hereby approves the MENR-CNG-CMEB 2016- 2019 Agreement;</p> <p>the Board of Directors hereby recommends to the CNG Executive Committee to:</p> <ul style="list-style-type: none"> • Approve and execute the MENR-CNG-CMEB 2016-2019 Agreement; and Minutes CMEB telephone conference, September 29, 2016 • To appoint its representative referred to in Section 11 of the MENR-CNG-CMEB 2016-2019 Agreement; <p>the President be appointed to represent the Corporation for the purposes of Section 11 and is hereby authorized to execute the MENR-CNG-CMEB 2016- 2019 Agreement on behalf of the Corporation;</p> <p>the Corporate Secretary be and is hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-12	<p>On a motion duly made by Sam Bosum seconded by Mark Wadden, it was resolved that the meeting adopts Resolution 1617-12:</p> <p>the Board of Directors has reviewed the following document: « Individual Prospector Kenny Wapachee, Trapline M13 Exploration project Phase 2, dated September 12, 2016» (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.3 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount NINE THOUSAND AND ONE HUNDRED DOLLARS (\$9,100);</p> <p>the Corporation shall enter into a funding agreement with Mr. Kenny Wapachee for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-13	<p>On a motion duly made by Sam Bosum seconded by Mark Wadden, it was resolved that the meeting adopts Resolution 1617-13:</p> <p>the Board of Directors has reviewed the following document: « Individual Prospector, William Fireman, Trapline CH16 Au-Cu Exploration Project Phase 2, September 12, 2016 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.3 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount TEN THOUSAND AND THREE HUNDRED DOLLARS (\$10,300);</p> <p>the Corporation shall enter into a funding agreement with Mr. William Fireman for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-14	<p>On a motion duly made by Mark Wadden and seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-14:</p> <p>the Board of Directors has reviewed the following documents entitled: «Nimsken Corporation, Barlow Extension East project: MaxMin and Magnetometer Surveys NTS Area 32G15, August 1st, 2016» (hereinafter referred to as the: «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 4.4 of the Agreement Concerning Mineral Resources Development in the James Bay Region 2013-2016 (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$16,600 and in accordance with the provisions of Section 4.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$12,450;</p> <p>Mr. Sam Bosum has filed in the record of the Corporation a continuing declaration of interest with respect to the proponent and accordingly, abstained himself from voting and participating into the deliberation of the present Resolution;</p> <p>the Board of Directors hereby approves the Proposal for the maximum amount of TWELVE THOUSAND AND FOUR HUNDRED AND FIFTY DOLLARS (\$12,450);</p> <p>the Corporation shall enter into a funding agreement with Nimsken Corporation for the carrying out of the Proposal;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

<p>November 24, 2016</p> <p>In Quebec city.</p>	1617-15	<p>On a motion duly made by Andy Baribeau and seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-15:</p> <p>the Board of Directors has reviewed the following document: « Proposal for the Funding the Cree Mineral Exploration Board, Financial Year 2017-2018, submitted to the Cree Nation Government, dated November 1st, 2016» (Hereafter: «Proposal»);</p> <p>the Board of Directors hereby ratifies the Proposal and its submission to the Cree Nation Government;</p> <p>the President and the Corporate Secretary be and are hereby authorised to do all things deemed necessary to give effect to the present resolution.</p>
	1617-16	<p>On a motion duly made by Reggie Mark and seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-16:</p> <p>the Corporation has executed on May 22nd, 2003 an Agreement Respecting the Supply of the Services of a Chief Geologist Between the Cree Nation Government and the Cree Mineral Exploration Board and on November 25th, 2005 an Addendum to the said Agreement (hereafter collectively referred to as the: «Service Agreement»);</p> <p>the Service Agreement provides for the services of Mr. Youcef Larbi and Mrs. Marlene McKinnon;</p> <p>the salary of the above-mentioned individuals shall be indexed in accordance with applicable policies of the Cree Nation Government;</p> <p>the Board of Directors hereby approves the indexation for the financial year 2016-2017 of the salary of Mr. Youcef Larbi and Mrs. Marlene McKinnon;</p> <p>the indexation shall be applied retroactively to April 1st, 2016;</p> <p>the Corporate Secretary be and is hereby authorized to do all things necessary deemed appropriate to give effect to the present Resolution.</p>
	1617-17	<p>On a motion duly made by Andy Baribeau and seconded by Sam Bosum, it was resolved that the Meeting adopts Resolution 1617-17:</p> <p>the Board of Directors has reviewed the following document: « Template Agreement Concerning Financial Assistance for Mineral Exploration Project for Mineral Exploration Companies» (hereafter; «Template Agreement for Companies»);</p> <p>the Board of Directors hereby approves the Template Agreement for Companies;</p> <p>the Corporate Secretary is hereby directed to draft from now agreements between the Corporation and Cree entities, which shall be in substantial conformity with the Template Agreement for Companies.</p>

	1617-18	<p>On a motion duly made by Andy Baribeau and seconded by Sam Bosum, it was resolved that the Meeting adopts Resolution 1617-18:</p> <p>it is necessary to adopt an efficient process for the approval of individual prospectors' proposals (hereafter: «IPP») since it is not always possible for them to wait until their proposal is submitted to a scheduled Board meeting;</p> <p>the President should first try to submit an IPP to a board meeting to be held via telephone conference;</p> <p>in exceptional circumstances, when it is not possible to obtain the required minimum quorum to hold a Board meeting via telephone conference and the timeframe to begin the work contemplated in a given IPP requires, in the President's opinion, immediate approval, the Board of Directors wish to give the mandate to the President to approve an IPP for a maximum amount of \$15,000 and that it be submitted to the following Board meeting for ratification;</p> <p>the Board of Directors hereby mandates the President to approve an IPP for a maximum amount of \$15,000;</p> <p>the said approval shall be in conformity with the terms and conditions expressed in the present Resolution;</p> <p>the President be and is hereby authorized to do everything deemed necessary to give effect to the present resolution.</p>
	1617-19	<p>On a motion duly made by Reggie Mark seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-19:</p> <p>the Board of Directors hereby approves the minutes of the Board meetings held on March 8th, June 2nd, July 26th and on September 29th, 2016.</p>
March 23, 2017 By conference call.	1617-20	<p>On a motion duly made by Reggie Mark and seconded by Robert Giguère, it was resolved that the meeting adopts Resolution 1617-20:</p> <p>the Board of Directors hereby approves the minutes of the Board meetings held on November 24th, 2016.</p>

	1617-21	<p>On a motion duly made by Robert Giguère seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-21:</p> <p>the Board of Directors has reviewed the following document: «Individual Prospector Larry Desgagné, Nicobi Project 2017, dated January 18th, 2017» (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 5.3 of the 2016-2019 Agreement on Mineral Resources Development in Eeyou Istchee-James Bay Territory;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount SEVEN THOUSAND NINE HUNDRED AND FORTY-FIVE DOLLARS (\$7,945);</p> <p>the Corporation shall enter into a funding agreement with Mr. Larry Desgagné for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-22	<p>On a motion duly made by Mark Wadden and seconded by Reggie Mark it was resolved that the meeting adopts Resolution 1617-22:</p> <p>the Board of Directors has reviewed the following documents entitled: «Native Exploration Services, Prospecting and follow-up of the 29% Cu Atlas showing, NTS 32J01, January 3rd, 2017» (hereinafter referred to as the: «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 5.4 of the 2016-2019 Agreement on Mineral Resources Development in the Eeyou Istchee - James Bay Territory (hereinafter referred to as the: «Agreement»);</p> <p>the total amount requested for the Proposal is \$49,310 and in accordance with the provisions of Section 5.4 of the Agreement, the maximum amount admissible for funding consists into 75% of the total budget up to a maximum of \$50,000;</p> <p>Mr. Sam Bosum has filed in the record of the Corporation a continuing declaration of interest with respect to the Proponent and accordingly, abstained himself from voting and participating into the deliberation of the present Resolution;</p> <p>the Board of Directors hereby approves the Proposal for the maximum amount of THIRTY SIX THOUSAND NINE HUNDRED AND EIGHTY THREE DOLLARS (\$36,983);</p> <p>the Corporation shall enter into a funding agreement with Mr, Sam Bosum (Natives Exploration Services);</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-23	<p>On a motion duly made by Robert Giguère seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-23:</p> <p>the Board of Directors has reviewed the following document: « Individual Prospector Larry Desgagné, Molly Drilling Project 2017, dated January 18th, 2017 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 5.3 of the 2016-2019 Agreement on Mineral Resources Development in Eeyou Istchee-James Bay Territory;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount TWENTY ONE THOUSAND ONE HUNDRED AND SEVENTY-FIVE DOLLARS (\$21,175);</p> <p>the Corporation shall enter into a funding agreement with Mr. Larry Desgagné for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
	1617-24	<p>On a motion duly made by Robert Giguère seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-24:</p> <p>the Board of Directors has reviewed the following document: « Individual Prospector Marc Bouchard, Phoenix Project 32G15, dated February 24th, 2017 » (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 5.3 of the 2016-2019 Agreement on Mineral Resources Development in Eeyou Istchee-James Bay Territory;</p> <p>the Individual Prospector has a joint venture with Mr. Gilbert Lamothe and the amount requested for funding is 50% of the total cost (\$26,000) of the project contemplated in the Proposal;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount THIRTEEN THOUSAND DOLLARS (\$13,000);</p> <p>the Corporation shall enter into a funding agreement with Mr. Marc Bouchard for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>

	1617-25	<p>On a motion duly made by Robert Giguère seconded by Sam Bosum, it was resolved that the meeting adopts Resolution 1617-25:</p> <p>the Board of Directors has reviewed the following document: «Individual Prospector Jonas Sheshamush, Whapmagoostui Trapline GW-01 Exploration Project, dated March 22nd, 2017» (Hereafter referred to as the «Proposal»);</p> <p>the Proposal is admissible for funding in accordance with the provisions of Sub-section 5.3 of the 2016-2019 Agreement on Mineral Resources Development in Eeyou Istchee-James Bay Territory;</p> <p>the Board of Directors hereby approves the Proposal for a maximum amount FIFTEEN THOUSAND DOLLARS (\$15,000);</p> <p>the Corporation shall enter into a funding agreement with Mr. Jonas Sheshamush for the carrying out of the Proposal, which shall provide for direct payment of suppliers;</p> <p>the President, the Corporate Secretary and the Chief Geologist be and are hereby authorized to do all things deemed necessary to give effect to the present Resolution.</p>
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	1617-26	<p>On a motion duly made by Sam Bosum and seconded by Reggie Mark, it was resolved that the meeting adopts Resolution 1617-26:</p> <p>the Board of Directors has approved a budget for the following funding Agreements and correspondent costs inured for these Agreements is less than the amounts initially approved;</p> <p>the difference between the amount originally approved by the resolution referred to in the following table for the correspondent funding agreement and the real cost incurred needs to be cancelled for accounting purposes;</p> <p>the Board of Directors hereby approves the cancellation of the following amounts:</p> <table border="1"> <thead> <tr> <th colspan="4">Surplus to be cancelled for projects costing less than budget approved</th></tr> <tr> <th>Proponent/ Project</th><th>Amount approved</th><th>Surplus to be cancelled</th><th>Resolution</th></tr> </thead> <tbody> <tr><td>2015-44 Nenemjone-Ulita Gold Project natives Exporter S. 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the President, the Chief Geologist and Corporate Secretary are hereby authorized to do all things deemed necessary to give effect to the present resolution.

	1617-27	<p>On a motion duly made by Reggie Mark and seconded by Robert Giguère, it was resolved that meeting adopts Resolution 1617-27:</p> <p>the Board of Directors has adopted Resolution 1617-07 approving the Field Mineral Exploration Initiation Proposals carried out during summer 2016 in the communities of Mistissini, Waskaganish and Washaw Sibi for a total amount of \$115,835;</p> <p>the Board of Directors has reviewed the following documents: «CMEB, Financial Report - Field 2016, Training in Mineral Mapping and Exploration, Summer 2016 (Waskaganish and Washaw Sibi)» and «CMEB, Financial Report - The 2016 Mistissini Prospecting Initiation, October 18th, 2016» (Hereafter referred to as the: «Financial Reports»)</p> <p>the Financial Reports include an amount of \$27,782 to cover part of the salaries of CMEB's human resources for the time devoted to the 2016 Mineral Exploration Initiation Program, which was not initially foreseen in the proposals approved by Resolution 1617-07 and considering that this amount is an admissible expense under Section 5.6 of the 2016-2019 Agreement on Mineral Resource Development in Eeyou Istchee - James Bay Territory (Hereafter referred to as «MENR-CREE Agreement»)</p> <p>the Board of Directors hereby approves the Financial Reports.</p> <p>for accounting purposes, a total amount of \$110,508 shall be recorded in the financial statements of the Corporation as an expenditure incurred under Section 5.2 entitled: «Workforce awareness» of the MENR-CREE Agreement.</p> <p>the President, the Chief Geologist and Corporate Secretary are hereby authorized to do all things deemed necessary to give effect to the present resolution.</p>
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4.2 WORK PLAN 2016-2017 (REMINDER)

Since The beginning of CMEB activities on 2003, the mining industry is on an increasing trend. This last year we observed a major decreasing in investment and exploration projects. CMEB has to face the new mining situation in Eeyou Istchee. The priority is the application of the five programs of the Cree Mineral Exploration Board as submitted to the Cree Regional Authority and the MENR. This includes the creation for project with low expenses usually handled by prospectors, the preparation of training programs and the creation of job opportunities within the exploration companies and mines in Eeyou Istchee; to keep informing the communities about mining activities on their traplines on regular basis; establishing communication and networking between the tallyman and the local authority and the mining industry, and helping Cree prospectors and companies develop exploration projects. *The CMEB will participate in improving the environmental aspect related to mining impacts and encourage environmentally safe mining activities; and will participate actively in the Plan Nord planning. The Crees want to develop mining in the context of Eeyou Istchee sustainable development; this has to be done appropriately to protect the environment and wildlife (Grand Chief Matthew Coon Come, Quebec Exploration Conference). On the same topic, the CMEB's former president Jack Blacksmith said at the PDAC conference that the CMEB expects a lot from its programs and undertakes the best practices to succeed in their realization. Politics are way of life in all aboriginal communities. This is a big challenge to properly address when considering mining projects, but if we develop the proper communications tools and consult at the very beginning, the process will benefit all parties concerned and a mutual understanding lead to sustainable development.*

Programs Development

- The CMEB has as objective to create a number of prospectors in each community. These trainees will be the go-to people for the community in terms of “what happens in mining exploration in the territories and in other places”. After Chisasibi, Wemindji, Waskaganish, Mistissini, Whapmagoostui, Eastmain, Nemaska, Washaw-Sibi and

Waswanipi and finally Ouje-Bougoumou. We will conduct a new type of training in the summer 2016. We will train and guide the Tallyman-prospectors on the field.

- As a follow up to our prospectors program, the CMEB will organize two weeks training update with our graduate trainees this summer 2016, in each community.
- Workshop (Mining 101) for entrepreneurs in mining industry. This program helps Crees seeking opportunities in the mining industry learn about running private companies in mining services and establishing agreements.
- Continue collaborating with the CTA in Recognizing Metal Mineralization training for tallymen and trappers. The CTA is the most important CMEB partner.
- Continue collaborating with MENR in exchanging data and visiting the MENR mapping camps with the CMEB trainees. This improves the students' knowledge considerably. Many thanks to the Ministère de l'Énergie et des Ressources naturelles.
- Training in Mineral Resources and Environment built in collaboration with the CHRD, NISKAMOON, CSB, SDBJ and TJCM. This is a technical level training program and the trainees are full time students or are on student summer jobs. The program in environmental sciences started in 2011 with the collaboration of the CMEB, NISKAMOON, CSB and le CÉGEP de St-Félicien. A second group started the program in the fall 2014. The collaborators expect another group to start in the fall 2016.
- Two days open doors to keep prospectors up-to-date on new technology. This workshop will keep our prospectors in touch with the mining activities and with the new techniques and/or equipment. We offer this activity in all communities.
- Continue bringing out the new Category 1 land geo-touristic maps.
- Ameliorate the youth webpage on (CMEB.org) site. Educational materiel and attractive products for the youth will be added.

New Training Mineral Exploration Project

New grassroots exploration, GIS and mapping training projects: the CMEB will carry out two projects in July 2016. The first one will be in the area of Waskaganish and Washaw Sibi, and the other one in the area of Mistissini. The projects are in preparation and are aimed at various commodities. The domain selection is based on the needs of the Crees and job opportunities in Eeyou Istchee. The field work is based on technical preparation and on data from previous geological compilation and from several known targets.

A New prospecting project is in preparation with the team of junior prospectors from Nemaska, Eastmain and Mistissini with the collaboration of Sam Bosum, and Jim Macleod pioneer prospectors in the area of Chibougamau, all trained by the CMEB.

Accompanying a new undergrad student in Geology

CMEB is proud to be the mentor and the geo-scientific support for Norman Grant student at Lakehead University Campus Thunder Bay in Geology Program. CMEB will support him to attend Quebec Mine and the Cree mining Conference in the purpose to develop his knowledge and his own experience. He will have a direct support from the CMEB's Chief Geologist.

Activities

- Encourage Cree and non Cree companies to start new exploration projects.
- Organize several geology and Earth sciences activities for the Cree schools during the year visiting mines and mineral museums, and preparing la SEMAINE MINIÈRE event in April 2016 in schools in different communities.
- Encourage Cree prospectors and help them find new projects.
- Help new Cree prospectors trainees build prospecting projects.
- Finalize and update the ongoing Cree prospectors and Cree company projects.
- Geological report and update geological maps in Eeyou Istchee, summer 2016.

- Mining activities report in Eeyou Istchee produced in November 2016.
- Continue to improve the CMEB website; create a web page to interest youth in mining and the environment before November 2016.
- Participate and be a partner in different promotion and information events. The CMEB is a faithful collaborator of Quebec Mine and “la Semaine Minière”, of the Canadian Aboriginal Mining Association, le Comité de Promotion du Nord and Subcommittee on exploration, le Congrès de l'exploration minière du Québec, and of Cree Mining Conference (as major member and promoter).
- Build the first public Cree exploration company by the Crees for the Crees. This Company will be listed on the stock market.
- CMEB will work on the Cree Mining Exploration Table with the Cree Government and The Government of Quebec.
- For the 7th year CMEB is animating the ever successful Rock competition. Last year, we had 5 participants from all over Eeyou Istchee.
- The CMEB continues to award academic scholarships to secondary five students graduating from Cree School Board schools.

Awareness and Geosciences

- Informational visits in the communities with the collaboration of the Cree School Board schools and participating in the internal events, and meeting the trappers and tallymen in partnership with the CTA.
- Participate in science fairs in the communities and continue presentations in schools.
- Update the guideline book for exploration companies already published on the CMEB website.

- Promote the CMEB via MERN, Cree Government, CTA, Comité de Promotion du Nord and the Secrétariat Autochtones.
- Promote Earth Sciences in class and on the field for youth in primary and secondary grades in April and May.
- Promoting geology, mining and exploration in local Science and Career Fairs, the Canadian Aboriginal Mining Association, Exploration Québec, PDAC and Cree mining conference.
- Development of the website for the news related to the Earth Sciences.
- Compile scientific data taken during the summer mapping projects and mining data such as potential prospecting targets and agreements between the industry and the Crees.
- Develop a link to the CMEB website on the Cree entities, the MERN and the AEMQ websites.
- CMEB continually maintains and updates a database on mining and staking activities by companies and prospectors in Eeyou Istchee. This information will be published and updated on the CMEB website to ensure that tallymen and companies are well informed.

Conclusion

This Work plan, we attempt to provide the Board a numbers of recommendations for pursuing its objectives with regards to Training, Job Assistance and Prospecting projects. It may be useful to recall those objectives, as set forth in the CMEB Work Plan for 2011-2014, adopted at its 5th meeting, on May 15th 2011,

Training and Job assistance shall aim at a) promoting, initiating or supporting training programs and activities to increase the skills of native individuals at mineral exploration, and b) providing assistance to job development and placement, including monitoring and on-the- job training programs. The desired impact is, in the short term, to train individuals to the level of accessing the immediate job market in exploration, and in the mid-term, to provide ways to lead to higher education and more advanced skills in mineral or natural resources management.

These tasks include:

- *the development of new or the support of existing training initiative in collaboration with Emploi-Québec or other organization certified in the field*
- *establishing working relationships with organization capable of certifying the value of the training programs, especially the MENR, and the Ordre des Géologues du Québec*
- *promote and support as much as possible training program which may lead to higher education, in collaboration with the Cree School Board, Cree Human Resources Development department, various Colleges, or the MELS*
- *ensure the collaboration and the consultation of the industry on the design of training programs*
- *monitor and disseminate information about job offers and attempt to forecast job demands in collaboration with the industry; set up appropriate instances and committees for that purpose.*

Recommendations

For Training and Job Creation:

- It is imperative that more people be trained for the various job opportunities to be had from mineral exploration on Cree territory. Business partnerships with mining companies will be an important reality in the close future which is linked to the Plan Nord. The forward progress of exploration projects, especially in the Opinaca Reservoir, the Otish Mountains areas and along the Trans-Taiga road, will create job opportunities for members of all Cree communities.
- Consolidate and develop prospecting, blasting and drilling courses with interested, motivated and educated young women and men;
- Encourage training in the environmental sciences;
- Organize with Cégeps and universities a program concerning mineral resources and the environment for technicians and Bachelor degrees in mineral resources and the Earth sciences.

Because of their isolation, communication with and between the communities is difficult. We have to establish a regional information network find new trainees, new prospectors and post-secondary students in all communities willing to study the Earth sciences away from home. *The fibre-optic telecommunications recently installed between the communities will improve communication, facilitate training and increase the flow of information in our mineral resources domain.*

For Promotion:

The Cree Mineral Exploration Board continues to successfully promote Cree land mineral resources and raises awareness in Cree communities via schools and presentations in the communities. The CMEB helps prospectors develop their expertise. Concerning the new prospectors training program; the CMEB effectively delivers this program whenever needed. With reference to awareness, it is important to inform communities and Cree organizations about mining realities and avoid false expectations. Mining companies also benefit from any information concerning the needs in the Cree Territory for environmental protection, employment, and economic development.

Finally:

It is recommended that the Cree Mineral Exploration Board:

- Develops joint ventures with mining companies on advanced projects to share exploration costs;
- Each member of Cree Mineral Exploration board will promote the services of CMEB to the Crees. The Crees need to know more about the CMEB. This will facilitate the access to all the information about mining and its related jobs in Eeyou Istchee.
- Emphasizes grassroots exploration projects from the standpoint of offering more material for exploration and exploitation, and bring new companies to Eeyou Istchee;
- Develops partnerships with the MERN resident geologists to generate new projects;

- With reference to the Autonomous Prospectors Program - the CMEB is working closely with the prospectors in the development of their exploration projects by supplying knowledge in geology and business and report-writing services;
- Continues to work with the Cree School Board students and promote the Earth sciences;
- Continues to inform Cree organizations and the mining companies about the activities of the CMEB;
- Advises the communities in mining investment and be part of this big activity in Eeyou Istchée;
- Maintains the North-South mining network;
- Generates new detailed geological data in Eeyou Istchée: the CMEB collaborates with Quebec Government in mapping uncharted Cree territory. This increases the mineral potential value and improves the geological database of the territory and of northern Quebec. In addition, the CMEB collaborates with quaternary expertise organizations, such as the Université du Québec en Abitibi-Témiscamingue and la Table Jamésienne de Concertation Minière. This allows access to data on both glacial movement and mineral dispersion. The Board will study all comprehensive proposals within the parameters of this recommendation.

4.3 AWARENESS AND PROMOTION

Conferences and promotional events

The representatives of the CMEB took part in several promotional events such as conferences and workshops. During these mining events, the CMEB presented posters and various information related to mining exploration in Eeyou Istchée, more particularly at the mining week in April 2015 and 2015 CSB Career Fairs.

The CMEB took part in the Stornoway Diamond Corporation Mining Matters activity with the Voyageur Memorial School in Mistissini in June 2015.

The Board members took part in the annual conference of the “Canadian Aboriginal Mineral Association” (CAMA), in Vancouver in November 2015. This conference was an excellent opportunity to exchange information on mining activities and mineral exploration with other First Nations from across Canada.

At the Québec Exploration conference, organized by the MENR in November 2015, the CMEB distributed pamphlets explaining the programs and the objectives of the Corporation at its kiosk. One of the highlights of this Conference was the high interest of participants for the CMEB’s publication entitled: «Mining Activity in Eeyou Istchee Report for 2015».

The CMEB also took part in Québec’s delegation at the Prospectors and Developers Association of Canada’s conference in March 2016 in Toronto. This event remains the ideal occasion to establish business contacts and to attract investors in Eeyou Istchee.

During these mineral resources related events, many junior exploration companies active in Eeyou Istchee showed great interest in the CMEB exploration and technical training programs. These conferences were an excellent occasion to promote the mineral potential on traditional lands of Eeyou Istchee and also an opportunity to establish work links and collaboration with the industry.

The CMEB also intends to continue its advertising campaign in order to promote its programs in Cree communities by means of: Cree magazines (such as The Nation and Destination Air Creebec), various radio advertisements, as well as events which focus on sciences and careers in the Cree School Board establishments.

In order to promote interest in the mining industry in Eeyou Istchee, and inform mining companies, Cree tallymen and the public at large, the CMEB is continuing upgrading the CMEB website and a Geo-Touristic Map.

Media promotional activity

The CMEB is seen in wide-reaching promotional media. The MENR provides promotion and a very good visibility. Some of the communication materiel is prepared and distributed by the

MENR. The CMEB website became operational on the Internet at the end of October 2005 and its URL was sent to government agencies, mining companies and service suppliers. The CMEB plans to have its website hyperlinked to the government, the Cree Trappers Association and the Association de l'Exploration Minière du Quebec website pages.

The CMEB is visible in the communities and all of Eeyou Istchee by publishing promotional information in Cree magazines and other publications (the Nation, Destination, Air Creebec, Indiana, The Prospector News, and in regional Abitibi and northern Quebec newspapers), through announcements on community radio and Eeyou TV, and at special events such as Cree science fairs and sports activities.

4.4 TRAINING AND JOB ASSISTANCE

The Cree Mineral Exploration Board is studying a way to establish infrastructures for training in all Cree communities. The objective is to offer the same normalized provincial level training in all communities. Several training programs and requests have been conducted by the CMEB to prepare people for jobs in the mineral resources domain.

The CMEB believes that education in any field starts at an early age. The Earth sciences, including geology, mineral exploration and environmental studies, have to be included in our exploration and prospecting culture and in society in general. The CMEB participates by giving presentations in schools and at scientific activities in different communities. Furthermore, the CMEB participates in prospecting training offered by different Cree organizations in the communities. The CMEB geologists teach several courses in these training programs (general geology, environment, mineralogy and mineral exploration and prospecting techniques).

The CMEB is investigating various methods of improving its Training and Job Assistance program. To this end, the Board is examining ways of developing On-the-Job training in partnership with the Government of Quebec, universities and the industry. It is also considering ways of updating and promoting training programs developed by several Cree organizations and mining companies in Eeyou Istchee. Finally, it aims to work with the Cree Human Resources Development and the Cree School Board in training and job assistance in the mining industry. The Board

has developed a professional level of training in mineral resources. The CMEB staff conducted an applied training course in the field which highlighted geology, mineral exploration and the environment. This program also has as objective to motivate the trainees to pursue studies in the mineral resources and the environment at the CÉGEP and university levels. The program includes geology, mineral prospecting and exploration, the environment and mapping. The trainees learn about rocks, minerals, and their chemical composition.

Most of the mineral prospecting and drilling trainees in the last four years were hired by exploration companies operating in Eeyou Istchee.

CREES HIRED TO WORK IN EXPLORATION

Cree workers are involved in several projects in Eeyou Istchee. There are over 100 Cree workers hired in the mining industry, and more workers are independent. The independent prospectors are trained and /or funded by the CMEB and prospectors are hired by mining industry via the CMEB.

Training of CMEB Staff

Ms. Josephine Natawapineskum, the CMEB head office secretary in Wemindji, has been trained on SIGEOM and other computer graphics programs and continues gaining proficiency in using computer mapping programs such as Microstation and ArcGIS. The Chief Geologist Mr. Youcef Larbi took courses in mineral resources. The courses are related to conferences and congresses. Ms. Marlene MacKinnon, the Mistissini Office geologist, took the James Bay Advisory Committee on the Environment workshop training on acquisition and dissemination of environmental and social knowledge on the Eeyou Istchee James Bay territory.

4.5 CMEB TRAINING – PROSPECTING COURSE- 2016

4.5.1 Waskaganish and Washaw Sibi Training 2016

Introduction

As every year, the Cree Mineral Exploration Board Prospecting courses program is very popular and trains many youth. The program is for Crees of different ages and to encourage the tallymen. It provides minerals resources knowledge update and tools for people who want to undertake minerals prospecting projects.

This year we prepared training projects with groups of about 15 Cree youth for mineral exploration camp, eastern the Cree Nation of Waskaganish to explore the map SNRC (32M07) and in the Joutel-Washaw Sibi area. All the Logistic is done by the Wemindji office. We plan to map and prospect the area which is known for their greenstone belts and the attractive high magnetism presence.

The objectives of the field camps is to initiate the trainees to mineral resources of Eeyou Istchee and how to explore in a real-life scenario, and explore the area for new target where the student themselves can stake the area for future mineral prospecting. The trainees receive an assistant geologist kit: backpack, hand lens, compass, magnet, hammer, chisel and safety goggles...etc. All trainees with a positive working attitude will be offered job opportunities with mining companies and will be subscribe at the CEGEP of Rouyn-Noranda for a Certificate in Geology or in Mineral Resources. They can also act as an independent technician offering their services as Specialist in mineral prospecting. All trainees will receive a prospector certificate which permit staking claims and working for companies.

The topics

- 1 Rock and mineral identification;
- 2 Environment exploring strategy;
- 3 Mapping techniques,
- 4 prospecting strategy,
- 5 Use of Geophysical survey;
- 6 Orienteering with topographic maps;
- 7 planning of traverses;
- 8 Trenching of interesting outcrops;
- 9 Channel sampling; and
- 10 (rock, soil and stream) sampling.

Mineral resources training camp is for 3 weeks on the field and one week in the classroom..
Trucks and four-wheelers been used as the means of transportation the field targets.

Trainees:

From Waskaganish Cree Nation

Rennie Salt, Julian Blueboy, Elvis Moar, Joanne Stevens, Darwin Moar.

From Washaw Sibi Cree Nation

Amanda Coon, Dinah Wapabee, Tony Gilpin, Floyd Gilpin, Samantha Kishtabish, Jason McKenzie, Judy Rose Trapper, Marilyn Jane Wapabee.

TRAINING SCHEDULE

Events	Practice or Field exercise
The Group meets in Waskaganish 1 day	Icebreaking, communication and planning
1 day	Metallic mineral identification, Non-metallic mineral identification Bitmap
1 day	Rock identification, Mineralization
First day field	Map, compass and navigation in forest;
1 day	Geology
1 day	Field job planning
1 weeks	Mapping, prospecting, data elaboration
student evaluation	Prospecting methods

Note: This initiation mineral exploration training is given to provide mineral exploration in Eeyou Istchee. It is for Cree Community people who have secondary school level or people who have an interesting experience in minerals and rocks.

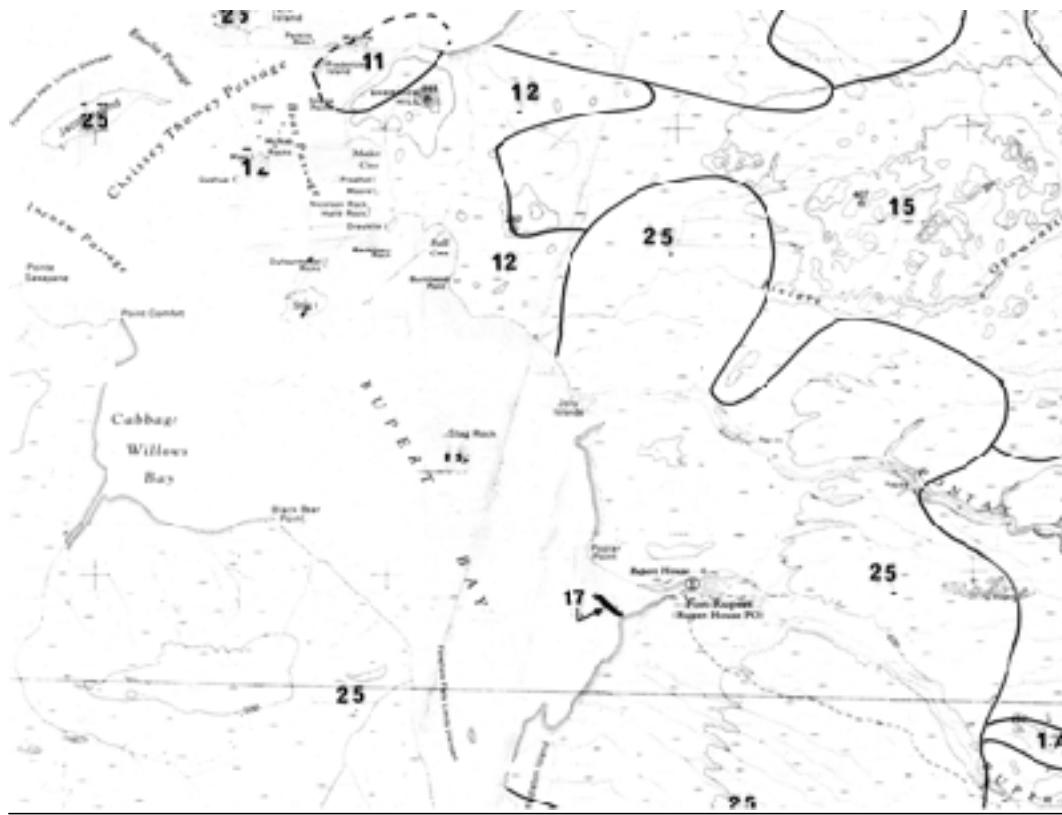
Post Training

1 day meeting to explore GESTIM and SIGEOM, and posting for funds.

GEOLOGY

Waskaganish Geology

The local lithology determined in this campaign is determine by large sequences of Granodiorite, Tonalite (12) and Granulite (25) all cut at first time by several satellites of Pegmatite (11) and later by Dykes of mafic Diabase (17).



The geology consists in Archean rocks, in the Superior Geological Province. Metasedimentary rocks protolith and/or completely re-crystallized rocks where we lost all the sedimentary structure. In this meta-sedimentary sea, a small discontinued volcanic belt is noted in the area of Waskaganish. We can observe several geological similarities of Waskaganish area and Opinaca Lake area, where many ores have been found. The Waskaganish area belongs to Nemescau-Opinaca geologic subprovinces; it contains a regional extension of the Meta-sedimentary sequences, the same sediments hosting gold ore as in Opinaca Lake area. It consists essentially of bands of migmatized paragneiss belonging to the Laguiche Complex. These E-W trending bands are injected with the pegmatitic migmatites of the intrusive Suite.

Mineralization

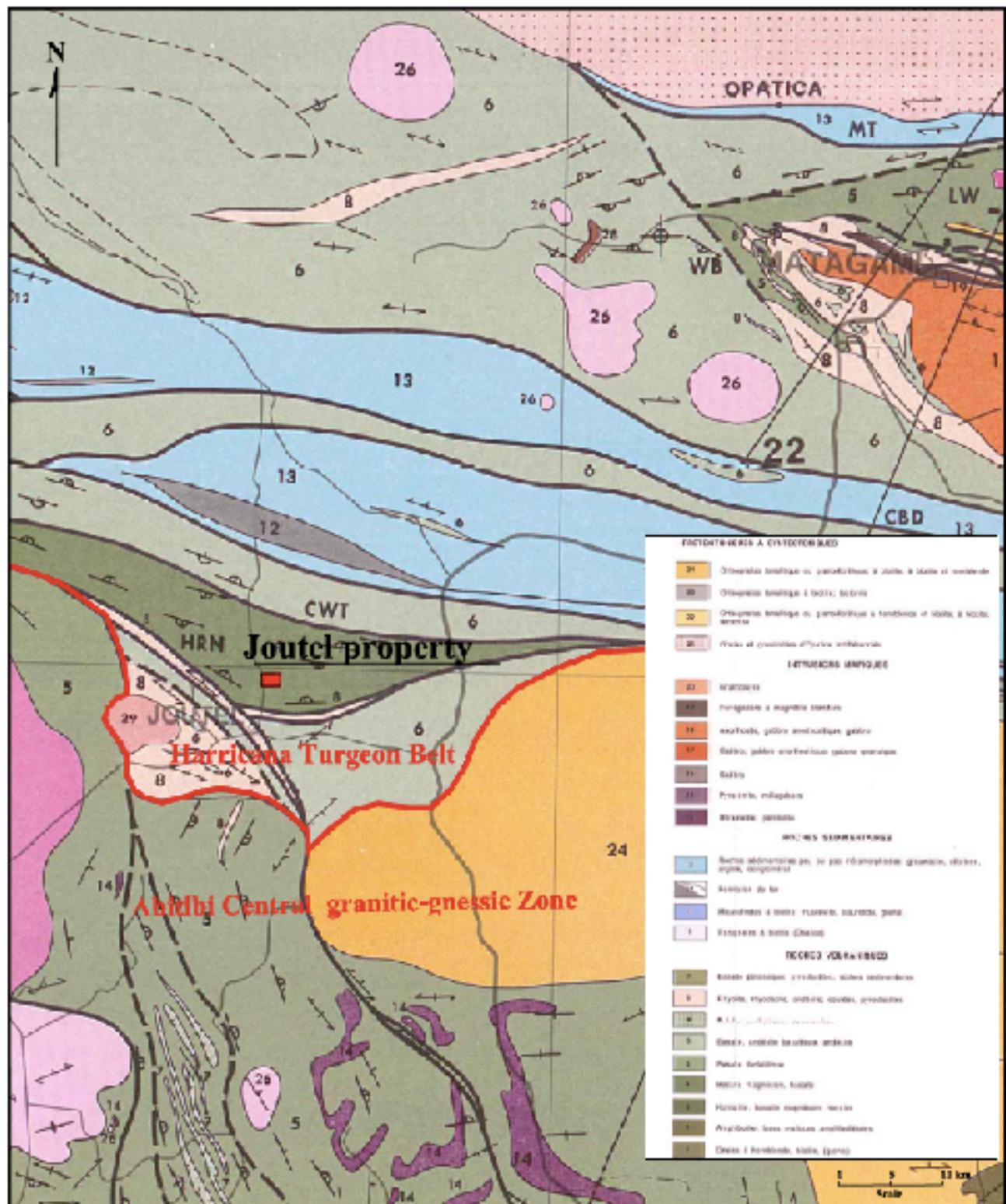
Consider the Opinaca Lake geology, several elements such as Au, As, B and Sb, can be prospected around Waskaganish territory. Porphyry Au, Cu and Ag occurrences are also possible in the

contacts of the plutonic rocks like tonalitic and grano-dioritic intrusions. Some tourmaline-bearing white pegmatites are also found. These are closely related to rare metals.

Washaw Sibi Geology

The area is in the southern part of the Harricana-Turgeon Belt (HTB), an Archean volcano-sedimentary and plutonic rocks assemblage that constitutes the northern part of the Abitibi sub-province of the Superior Province (Hocq, M. DV 89-04). Rocks of the HTB are in contact to the south with mafic volcanics of the Poirier-Dalet domain and various granite and/or gneiss batholiths constituting the Abitibi Central Granite-Gneiss Zone.

The general trend of all lithologies is northwest-southeast with a steep dip to the northeast. From bottom to the top (and from south to north) the three domains are: 1- Joutel-Raymond Domain composed of rhyolitic volcaniclastites, rhyolites, basalts, andesites and sediments. The main feature of this domain is the Joutel Volcanic Complex, which includes three zones: at the base, the Principal felsic zone, a 1,200 to 1,500-metre thick unit that hosts the copper-zinc-silver Joutel-Copper and Poirier mines as well as other massive sulphide occurrences; the mafic mid-zone, a 1,500-metre thick unit essentially composed of basaltic and andesitic lavas; and the Agnico-Eagle felsic volcaniclastite zone, a 1,200-metre thick unit that hosts the Agnico-Eagle gold deposit. 2-The Harricana Sedimentary Basin Domain includes argillites, conglomerates, felsic volcaniclastics, iron formations (oxide facies) and andesites. This zone also appeared favourable to the development of the Harricana River fault zone, a major structural feature that follows the contact between the Agnico-Eagle felsic domain and the Cartwright mafic domain. 3- The Cartwright Hills Domain is characterized by some local higher relief and is predominantly a mafic group of rocks that includes massive and pillowd komatiitic basalts, basalts and andesites with some felsic tuffs. The total thickness of this domain is estimated at more than 5,000 metres. Metamorphism within this domain is relatively low, except along its southern contact, where mafic volcanites have been transformed into chlorite schists along the Harricana River fault zone. Younger geological units of the HTB are NNE-striking diabase dykes of kilometric extension. They cut all the other formations. A penetrative NW-SE and sub-vertical schistosity is observed everywhere. The most important structure of the area is the Harricana River fault zone. This is an intense cor-



Regional Geology
From: Hocq, M., DV 89-04

ridor of shearing some 500 metres wide that straddles the path of the Harricana River. Other fault networks include NE-SW, N-S and NW-SE systems.

Locally, we observed some andesite outcrops and some felsic sequences as dacitic rocks were intersected in the eastern portion of the property. The presence of a felsic horizon was confirmed by SDBJ in 1982, when Hole J-82-3 intersected a persistent sequence of felsic rocks in the northwestern part of the property. Dacite, followed by cherty tuffs, cherts with massive pyrite and other carbonated felsic tuffs composed the entire 100- metre sequence intersected in the hole. A few anomalous gold sections were identified, the best being 1.0 g/t Au over one metre. As the general trend of the stratigraphy is NW-SE, the extension of these felsic units should cross the central part of the Joutel property.

Mineralization

The first trace of mineralization in the area was reported by the 1979 Inco drilling, with Hole 46900 returning 1.96% Cu over 9 cm. The mineralization was found in a thin section of carbonate veins within a thick sequence of andesitic lavas followed by graphitic tuffs. The best results were from a brecciated zone in a felsic tuff described as graphitic and carbonated with disseminated pyrite. The brecciated zone contains disseminated and small semi-massive pyrite lenses. It is anomalous in gold throughout, with a section of 1.01 metres grading 1.0 g/t Au.

PERFORMED WORK

The training begins in class where we prepared the field work. Geological and geophysical data have been compiled and interpreted. The compilation and consultation of documents are done in order to prepare prospecting work on a project. The resultant maps show several targets to explore.

The areas prospected are localized on the 32M/07 and 32E/08 1/50 000 scale maps, which are the basic field work materials for the team. All targets are determined based on the known geolo-

gical data and the geophysical data interpretation. For those reasons, several prospecting techniques are used to determine the subsequent targets.

The trainees learn how to identify minerals by their physical properties; recognize the related mineralization. They also learn about geological features in the field and how to collect samples for assay.

The student used the GPS, compass and map to locate the samples and themselves in the bush. They also practiced the method of sampling without contamination and learned how to chip rock samples for assaying.

Finally, it was very important for the trainees to know how mining titles are obtained and how to carry out basic line-grid cutting, which is done and some applications were done.

The team conducts several traverses on the target. Each traverse is done by a team of two trainees who sample mineralization and record geological data are with the objective of characterizing the area in geologic and economic terms.

The base camp for Waskaganish team was located in town. The base camp of Washaw Sibi team was based at JOULAC. The teams traveled from the camp to the field each morning 6/7 days using the CMEB vehicle, four wheelers and on foot.

CONCLUSION

The trainees acquired the basic knowledge to work for mining and exploration companies. Regarding the intensive exploration activity in Eeyou Istchee, all these trainees are going to have opportunities to work for exploration or environmental companies. Please note that the trainees were 15 women and men, which increased the budget for this year's program.

The geological and mineralization data are presented below and will be compiled for interpretation. This will help CMEB to provide effective information to plan new projects for our prospectors.

FIELD WORK DATA

Waskaganish Area

Date	Map	Position		Sample	Structure	Lithologie	Description
		Easting	Northing				
7/11/18	32N07	511107.0	780513.8	YD01	E-NW	Granite	Pink Granite - magnetic cut by metacrustic pegmatitic veins.
7/11/18	32N07	5111941.4	781129.9	E11	N-SW	Granite	Pink Granite - purple dots like black basalt.
7/11/18	32N07	5111945.2	781129.4	E_1	N-SW	Basalt	Basalt Magnetic cut by Quartz vein
7/11/18	32N07	5111898.8	781121.2	E_2		Ba salt	Rusty cut by Quartz vein
7/11/18	32N07	5111945.9	781133.6	EM3		Paragneiss	Rusty dots Cobalt, quartz
7/11/18	32N07	5111976.7	781132.7	ER02		Granite/Basalt	Basalt magnetic, purple dots
7/11/18	32N07	5111976.1	781132.9	RL01		Granite/Basalt	Basalt magnetic with veins of quartz
7/12/18	32N07	5112112.4	781232.2	YD1	N-SW	Ba salt	Basalt Magnetic
7/12/18	32N07	5111917.6	781232.0	JR1		Granite/Basalt	Magnetic + whitish - Rusty
7/12/18	32N07	5111911.9	781232.0	JR1(2)		Basa Mabbro	Black/green rusty + purple dots - magnetic + pyrite
7/12/18	32N07	5111916.7	781232.4	JR2		Basalt/Cross-bed	Magnetic - white pyritic Dots - rusty
7/12/18	32N07	5111916.3	781231.1	DY01		Ba salt	Dye + clbasalt - rusty + magnetic
7/12/18	32N07	5111945.9	781232.4	PM4		Ba salt	Pyrone black rusty veins - magnetic
7/12/18	32N07	5111915.8	781231.8	RE1		Granite/Basalt I	magnetic pink + rusty
7/12/18	32N07	5121112.4	782122.2	FD4		Basalt	Rusty Cobalt, quartz veins during Basalt
7/12/18	32N07	5111912.4	781232.3	E11	N-SW	Granite/Basalt I	extolite vein, Magnetic Basalt
7/13/18	32N07	5111915.3	781202.2	FD01		Ba salt	rusty pyrite
7/13/18	32N07	5111920.7	781242.9	DY01		Ba salt	lite rust magnetic pyrite
7/13/18	32N07	5111915.2	781202.7	DY02	N-SW	Basalt/Gneiss	pyrite/lite rust quartz veins
7/13/18	32N07	5111914.9	781242.4	PM4		Ba salt	quartz vein very magnetic pyrite
7/13/18	32N07	5121112.9	782141.6	Discovery 1		Ba salt	20 % pyrite magnetic + massive sulphide
7/13/18	32N07	5121112.9	782141.8	Discovery 2		Ba salt	massive pyrite 10 % magnetic, rust
7/13/18	32N07	5121112.0	782139.0	Discovery 3		Basalt/Granite	Calco-cyanite magnetic crust
7/13/18	32N07	5111912.0	782141.6	Discovery 4		Ba salt	pyrite + calco cyanite sub-bed
7/13/18	32N07	5121112.3	782141.4	Discovery 5		Ba salt	rusty pyrite 10 % vein sulphides magnetic
7/14/18	32N07	5111917.6	782161.2	ER0	N-SW	Basalt/magnetite	Pure Quartz Vein
7/14/18	32N07	5111924.6	782161.1	C01		Basalt/Quartzite	Rust, Magnetic, Quartz Veins
7/14/18	32N07	5111934.1	782161.0	E38		Greisels/Amphibolite	Magnetic, rusty
7/14/18	32N07	5111929.5	782161.0	DWRI		paragneiss/paragneiss	Magnetic, Py, CPY
7/14/18	32N07	5111929.0	782161.0	DWR2		paragneiss/ultramafic	Very Magnetic, Py, CPY
7/14/18	32N07	5111926.1	782164.7	J40		Basalt	Ep. calc., Magnetic, Py

Washaw Sibi Area

Date	Map	Position		Outcrop	Structure	Lithologie	Description
		Easting	Northing				
07/25/2016	33E08	492907	782211	JA01		Basalt	rusty,py,cpy
07/27/2016	33E08	492556	781822	SM01		Riolite	grey,rusty,magnetic,py,quartz vein
07-26-2016	33E08	492743	781800,0	SM03		Basalt	py,cpy,copper,rust
07-25-2016	33E08	492860	782220,0	TP01		Basalt	quartz veins, massive mineralization
07/26/2016	33E08	492616	781828,0	DN01		Diorite	grey,rusty
07-25-2016	33E08	492914	782218,0	JN03		Basalt	rusty,py,cpy
07-26-2016	33E08	492745	781800,0	JN04		Basalt	rusty,py,azarite,malachite,magnetic
07-25-2016	33E08	492907	782211,0	JA02		Basalt	rusty,py
07-25-2016	33E08	492904	782210,0	SM02		Schist/Basalt	rust,magnetic,quartz veins
07-26-2016	33E08	492401	781811,0	NP01		Riolite	rusty,quartz veins,py
07/26/2016	33E08	492713	781830,0	GA01		Basalt	rusty,py
07-27-2016	33E08	492621	781831,0	TP01		Granite?	rusty,quartz
07-27-2016	33E08	492610	781822	JA?		Riolite	rust
07-27-2016	33E08	492655	781856	SMY01		Diorite	Magnetic,Rust
07/28/2016	33E08	493125	782158	AY01		Dyke	Basaltic,Rust,PY
07-28-2016	33E08	493121	782153	SJN01		Dyke	Basaltic,Rust,PY
07-28-2016	33E08	493125	782157	MJ?		Dyke	Basaltic,Rust,PY
07-28-2016	33E08	493138	782217	MJ01		Basalt	Rust,PY
07-28-2016	33E08	493130	782200	F01		Basalt	rust,magnetic

4.5.2 2016 MISTISSINI PROSPECTING COURSE

PURPOSE OF THE PROJECT

This project has as objective the training of Cree youth in prospecting techniques and categorizing outcrops on Mistissini Category 1 Land.

LAND STATUS, LOCATION AND ACCESS

The 2016 MISTISSINI PROSPECTING COURSE lies entirely in Mistissini Category 1 Lands. The project lies within in Category 1 Land now accessible from the village of Mistissini via a new bridge completed early July 2014. The project area was accessed on foot. Vehicles were used for field trips to the Icon Mine site, the Mistissini Fault site and the Perch River Copper site.

NTS: 32I/05 COORDINATES: Longitude: 73°53' 01"W; Latitude: 50°25' 22"N
Zone 18U: Easting 579279; Northing 5586058



FIG. 1: Location of project area: forestry roads west of the village.

PROJECT OBJECTIVES

The 2016 MISTISSINI PROSPECTING COURSE will:

- Train ten Cree youths (the trainees, students) in prospecting glacial terrain;
- Train the students in prospecting techniques;
- Identify, locate and map boulders and outcrops.

THE TRAINEES

Ten Cree youths participated in the training. The team consisted of Lindsay Coon (Field Assistant), Richard Coonishish-Coon, Ronald Gunner, Marta Knapton, Abel Longchap, Lise Mattawashish, Kyle Neeposh, Paul Neeposh, Kathleen RabbitSkin and Suzanne Swallow.



PHOTO 1: Trainees on mineralized Member D dolomite outcrop.

DURATION

The duration of the course was 4 weeks. It started July 4, 2016 and ended July 29, 2016.

TRAINING OBJECTIVES

At the end of the course, the students were able to:

- Read a map;
- Learn the basics of mineral prospecting techniques (geophysics, line cutting, sampling)
- Plot information on a map;
- Navigate with a GPS and a compass;
- Precisely locate features (waypoints) with a GPS;

- Learn the basics of Quaternary geology
- Recognize geomorphological features in the field;
- Identify geological features in the field;
- Identify rocks and minerals;
- Identify mineralization in the field;
- Sample soil, outcrops and boulders.

COURSE OUTLINE AND SCHEDULE

COURSE CONTENT

Introduction

Understand the work of prospecting, its challenges, its difficulties, its risks and its purposes.

- Geology, what is it? Importance of prospecting, role of the prospectors and their working methods

General geology

Understand the Earth, its form and composition.

- Earth history
- Earth composition

Minerals identification

Identify the main minerals encountered in the province of Quebec.

- Metallic-minerals identification
- Non-metallic minerals identification

Rock identification

Know the three main types of rocks and be able to recognize them in the field and differentiating between boulders and the outcrops.

- Metamorphic rocks
- Sedimentary rocks
- Igneous rocks

Rock textures and Structure

Know common forms, arrangements and internal structures of rocks.

- Faults, folds
- Veins, dykes, sills
- Pegmatitic, aplitic textures

Geology

Be aware of the geology of Quebec and Eeyou Istchee from the point of view of geological provinces, stratigraphic units, structural features and surface forms.

- General geology
- James Bay geology

Mineralization

Know the different mineralization types and processes: To be able to choose a prospecting site and to point out interesting prospecting target by knowing which type of mineralization to encounter.

- Mineralization identification
- Mineralization type

Map and compass

Use topographic maps, a compass and a GPS in the field.

- Topographical maps
- Air photos
- Compass
- Using topographic map and compass
- Using Global positioning system (GPS)

Prospecting techniques

Know various prospecting methods including direct and indirect prospecting methods and carry out documentation consultation and prospecting target evaluation.

- Basic methods for prospecting
Geophysics, Line cutting and Sampling (rocks, soil and stream sediment)
- Mapping of showings
- Identification of outcrops
- Boulder tracing

COURSE OUTLINE AND SCHEDULE

Week 1: In class and field theory and practical

- Identification of rocks and minerals
- Identifying outcrops, erratic boulders and mineralization
- Regional and local geology: Historical and Quaternary
- Geomorphology and landforms

Week 2 - 4: Field theory and practical

- Map reading and plotting
- Using the GPS and compass
- Plotting information on a map and entering waypoints in a GPS
- Identifying geological and geomorphological features in the field
- Line cutting and geophysics
- Sampling for assays

STUDENT EVALUATION

➤ Minerals	:	20%
➤ Rocks	:	20%
➤ Basic geology	:	20%
➤ Map and compass use	:	20%
➤ Prospecting	:	<u>20%</u>
		100%

All fifteen students completed the course.

GEOLOGY OF THE PROJECT AREA

The 2016 training Project area is located on the Mistassini Sedimentary Basin in the Duquet Township. The southern part of the Basin is approximately 70 km northeast of the town of Chibougamau and includes the former Icon Copper Mine and the Perch River copper deposit. The Icon Mine was economically mined from 1967 to 1975 and produced a total of 2,346,337 tons, grading 3.07 % Cu. The Perch River copper deposit contains 50,000 tons, grading 2.51 % Cu (Troop and Darcy, 1973).

The important mineralization in the Mistassini Basin is directly related to folding, fault movements and brecciation adjacent to the Grenville Front. As a result of applying this hypothesis and

using it as an exploration tool, the discovery of the stratigraphically higher Perch River copper deposit was made (Flanagan, 1975).

Aphebian (1.6-2.4 Ga) sedimentary rocks lie unconformably on the deformed Archean basement in the Chibougamau area and for several hundred kilometres northeast along the Grenville Front. These rocks include a wide variety of lithologies, which in turn enclose a number of syngenetic and epigenetic mineral showings and deposits (Chown, 1984).

REGIONAL GEOLOGY

On a regional scale, three distinct rock assemblages are present in the Mistassini Lake area. From west to east, these assemblages consist of the Superior Structural Province rock assemblages, the Mistassini Group of sedimentary rocks and the Grenville Structural Province rock assemblage. These are overlain by Quaternary glacial deposits.

The Mistassini Sedimentary Basin is entirely located within a sequence of Proterozoic sedimentary rocks known as the Mistassini Group which rest unconformably on the Archean Superior Province basement and are separated from the Grenville rocks to the east by the Mistassini Fault.

ARCHEAN ROCKS

The lithologic units of the Superior Province in the Mistassini Lake area consist of syenite and monzonite, grey and pink granites and diorites, biotite gneiss and migmatite, amphibolite and felsic metavolcanics, these rocks are Early Proterozoic (Archean) in age and were subjected to periods of deformation and intrusion followed by long periods of erosion.

The Waconichi Formation, the lowest unit within the Roy Group, underlies the area between the Waconichi and Mistassini faults. These rocks are dark green amphibolites derived from pillow basalts, basaltic flows and felsic pyroclastic rocks. Metamorphic grade of the amphibolite increases towards the Mistassini Fault. A few small bodies of metagabbro are found within the Waconichi Formation (DiLabio, 1981). A large area north of Waconichi Lake and west of Mistassini Lake is underlain by quartzofeldspathic granitic gneiss with biotite, hornblende and garnet as the dominant accessory minerals. These rocks are thought to have been last metamorphosed during the Kenoran Orogeny (2550 Ma), (DiLabio, 1981).

According to DiLabio (1981), most of the metamorphic rocks of the Grenville Province present in this area are lithologically indistinguishable from the gneissic rocks of the Superior Province. The metamorphic rocks of the Grenville Province strike north-northeast. The metavolcanic rocks and gneisses of the Superior Province generally strike east-northeast.

Basal Regolith

A discontinuous regolith separates the sedimentary rocks of the Mistassini Group from the underlying Archean rocks. The regolith consists of pebble-sized fragments of angular, exfoliated in situ weathered gneiss cemented by dolomite and silica (Chown and Caty, 1983). This rock unit was located, sampled and assayed in the 2009-2010 prospecting courses.

The surface of the Superior granites and gneisses were deeply weathered throughout long periods of erosion. The loosened blocks of the bedrock were subjected to intense alteration during which feldspars were altered to masses of clay minerals (notably illite and kaolinite) and dark mafic minerals were likewise almost totally altered. Later, dolomite was precipitated in a shallow sea setting and infiltrated into fractures and fissures and forming the matrix to the regolith. Lithification of the isolated blocks and the interstitial cementing material gives an appearance of a basal conglomerate but it is actually a unit formed in place from the disintegration of the uppermost bedrock - or a "basal regolith" (Chown and Caty, 1983). Subsequent deposition formed bedded layers above the basement contact and regolith.

The regolith is found nearly everywhere at the interface of the Archean rocks and the overlying dolomites. Its thickness is variable but in places it has been observed to be as much as 30 metres (Chown and Caty, 1983).

PROTEROZOIC ROCKS

Chibougamau Formation

The clastic rocks of the Chibougamau Formation unconformably overlie the Archean rocks around the eastern shores of Waconichi Lake. This formation is dominated by arkoses and conglomerates. The arkoses are intercalated with laminated slaty argillites with dropstones in the lower portion of the succession. These rocks were then metamorphosed to lower greenschist fa-

cies in the Early Aphebian. Because no dolomite clasts have been found in the Chibougamau Formation around Lac Waconichi, this formation is believed to be older than the adjacent Mistassini Group (DiLabio, 1981).

The rocks of the Chibougamau Formation form an asymmetric, canoe-shaped synform on the northwest side of the Waconichi Fault (DiLabio, 1981).

Mistassini Group

The Mistassini Group of sedimentary rocks occupies an area 160 km long and 30 to 40 km wide within which lie lakes Mistassini and Albanel. The rocks are carbonate dominated and marine in origin. The dolomites and other sedimentary rocks form an elliptically shaped, northeast elongated gently-dipping basin, lying on older basement rocks of generally granitic composition. There has been little deformation of the strata since they were deposited 2.2 Ga ago, except along the eastern margin of the basin. Here, the Mistassini beds are in faulted contact with gneisses of the Grenville Province, and have been subjected to varying degrees of folding and faulting as a result of movements associated with the Grenville Front (Flanagan, 1975). The original size of the basin is believed to have been much greater, with a northeast trending shoreline. Kourassi (1978) suggests the basin deepened toward the southeast.

The Mistassini Group of rocks were deposited approximately 2.2 Ga ago under predominantly shallow water marine conditions. This group consists mainly of arenaceous dolomites, black shales and minor iron formations. The total thickness of the sedimentary column has been estimated at 1650 to 2000 metres (Flanagan, 1975).

The stratigraphy of the Mistassini Group was first described by Bergeron (1957). Since then, modifications and detailed descriptions have been provided by Deland and Sater (1967) and Chown and Caty (1973). The group consists of a thick sequence of five formations. These are, from base to top: Papaskwasati, Cheno, Lower Albanel, Upper Albanel and Temiscamie formations (Table 1).

The sequence of shallow to deeper marine carbonates and shales are overlain by clastic shales and quartzites and iron formations suggesting periodic transgression and regression of the sea in the area.

As described by Chown and Caty (1973), the Papaskwasati Formation is a basal clastic unit up to 490 m thick, found only around the northeast end of Lac Mistassini. The dominant rock types are pale green to greyish white arkose, subarkose and conglomeratic arkose. The Cheno Formation is also restricted to the northeast end of Mistassini Lake. Its lower member consists of sandstone similar to that of the Papaskwasati Formation, but with a dark grey to black matrix caused by fine sericite, chlorite, iron oxides and graphite. The upper member consists of black sandy dolomite and black sandstone.

Chown and Caty (1973) subdivided the Lower Albanel Formation into six members which can be traced along the length of the Mistassini Basin.

- Member A is the lowest member of the Lower Albanel Formation and is a thin (25 to 50 m) grey arenaceous dolomite containing a stromatolite mat at the base and discontinuous reefs and fragments of stromatolites at higher levels. Intraformational breccias are also present.
- Member B is a laminated argillaceous grey dolomite intercalated with five graphitic argillite beds (shale horizons) numbered from the lowest as G-1 to G-5. The G-1 shale horizon hosts the Icon copper deposit and the G-5 horizon contains the Perch River copper deposit. The G-5 horizon is from 25 to 30 metres thick while the four lower horizons are from 1 to 5 metres thick. These five shale horizons contain abundant laminations and nodules of syngenetic pyrite and marcasite.
- Member C is a thick (200 to 300 metres) grey laminated argillaceous dolomite. The lower limit of this unit contains some thin graphitic beds and represents a change in depositional environment. The upper limit is characterized by more massive intraformational breccia incorporating blocks of Member D cherty and brecciated dolomite.
- Member D (70 to 130 metres thick) is made up of grey dolomite with collapse and slump breccias. This Member is characterized by intraformational breccias and black chert lenses. Two types of brecciation have been recognized. One type consists of brecciated zones up to 30 metres thick which appears to be a collapse breccia possibly caused by solution in an above-ground environment. The second type of brecciation involves dis-

tinct beds of dolomite with small blocks scattered through a thickness of only 1 to 2 metres. This type appears to be indicative of slumping on a sloping surface that underwent gravity-induced movement due to structural disturbance. The uppermost beds in this unit are characterized by thin seams of black chert interstratified with grey dolomite and thicker beds and veinlets of chert. Mineralization consists of coarse grained galena, sphalerite and carbonate between interclasts and in fractures in the breccia. The black hydrocarbon pyrobitumen is found as globules or as a film along bedding planes.

- Member E is characterized by rusty-weathering laminated grey dolomites and is from 90 to 130 metres thick.
- Member F (50 to 150 metres thick) changes from grey argillaceous laminated dolomite at the base to pink-weathering white massive dolomite at the top and in this way is transitional between the Lower and Upper Albanel formations.

The rocks of the Upper Albanel Formation are mainly pink and buff hard and dense massive dolomites. These rocks cap a prominent cuesta between Lac Albanel and Lac Mistassini (DiLabio, 1981).

The uppermost unit of the Mistassini Group is the Temiscamie Formation, which extends for 50 km along the east side of Lac Albanel. It overlies the Upper Albanel Formation disconformably and has been divided into three members: a lower unit comprising 10 metres of basal quartzite overlain by 15 metres of black ferruginous slate, a middle iron formation unit 200 metres thick, and an upper black slate member with chert and pyrite. The iron formation comprises mainly sideritic cherts with extensive beds rich in magnetite and some hematite (Flanagan, 1975).

The rocks of the Mistassini Group strike northeast and gently dip towards the southeast. Joints in the dolomitic outcrops are in conjugate sets and strike 010° and 090° . The joints are at right angles to the bedding planes. The attitude of the beds changes abruptly near the Mistassini Fault. The strike of the beds is still northeast, but the dip is now steeply north-westward. The rocks form a gently north-plunging syncline with a north-northeast striking axis (Deland and Sater, 1967).

THE GRENVILLE FRONT

The Grenville Front is about 4000 km long, running from the Labrador coast southwest to Lake Huron, then continuing under later sedimentary cover at least as far as Mississippi. It separates medium- to high-grade metamorphic rocks of the Grenville Province from generally less metamorphosed pre-Grenville terrain. Radioactive age determinations suggest that the Grenville gneisses crystallized from 1.5 to 1.7 Ga ago and that a later, lower temperature thermal event affected the Grenville rocks about 950 Ma ago. Paleomagnetic data indicate that before 1.3 Ga ago the Grenville tectonic plate was located several thousand miles east-southeast of the pre-Grenville plate, and that the two became locked together about 1.1 Ga ago. According to Flanagan (1975), seismic and gravity studies indicate that the Grenville Front is a late strike-slip juncture that formed after thrusting in this area. This explains many observed features of the Grenville Front, including the lack of large linear belts of basic intrusives, the zones of cataclasis and mylonitization developed after the main metamorphic episode, and it also explains how generally older, sometimes unmetamorphosed rocks to the north have been brought into close contact with more highly metamorphosed Grenville terrain. It could also explain how the border zone of remetamorphosed pre-Grenville rocks south of the Front swing westward as if rotated clockwise (Flanagan, 1975).

Recent studies have subdivided the Grenville Orogeny into several zones with the Grenville Front being in the western frontal thrust of a major zone of easterly dipping, craton-directed thrusting that is situated along the western margin of the Grenville Orogeny. Seismic profiles (GLIMPCE and COCORP) indicate that the Grenville Front Tectonic Zone increased the thickness of the crust to more than 60 to 70 km by north-west directed thrusting around 1.0 Ga. The widespread thrusting in the orogeny can be expected to have given rise to a thickened crust, which responded by exhumation, erosion, and exposure of widespread mid-crustal gneisses and granulites (Windley, 1995).

The Mistassini Fault is an east-dipping thrust fault (DiLabio, 1981) that has been interpreted by Laurin, quoted in DiLabio (1981), as the position of the Grenville Front in this region. The Waconichi Fault is the north-eastward extension of the Gwillim Lake Fault. Many minor faults in the Mistassini Basin are parallel or en echelon to the Mistassini Fault.

METHODOLOGY

Theory was taught in class during the first week. Introduction to prospecting techniques were also taught in class and the practical aspects of the techniques were taught and practiced in the field. Students practiced the proper sampling protocol. Points of interest and/or sampled were marked as waypoints in Garmin hand-held GPS instruments. Samples for assay were bagged in plastic sample bags sealed with masking tape and labeled PC2016-##. Field data were recorded in notebooks.

GPS data were uploaded to the MapSource software on the CMEB computer.

Outcrops OC2, OC3, and OC6 were chip sampled and bagged for assay. The outcrops are labeled pc-2014-01, PC-2014-02 and PC-2014-03 respectively.

Samples were delivered to the ALS MINERALS Assay Laboratory in Val-d'Or, Quebec for aqua regia digest geochemical assay for 35 elements.



PHOTO 2: Google Earth capture of 2016 Prospecting Course waypoints.

PROJECT AREA GEOLOGY

The project area lies entirely in the Member D unit of the Lower Albanel Formation. Outcrops were grey, cherty and brecciated dolomite. Prospecting in the study area is relatively easy due to deforestation by fire in 2006. Outcrops and boulders are easier to locate.

Study of the rocks identifies the brecciation as resulting from slumping on a sloping surface that underwent a gravity-induced movement due to structural disturbance.

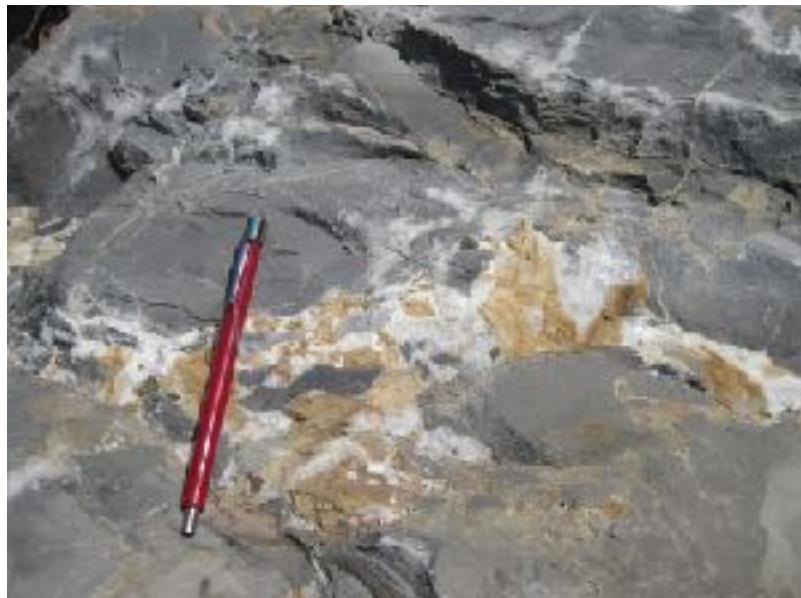


PHOTO 3: Member D dolomite with sphalerite mineralization (OC2).



PHOTO 4: PC2016-009A Member D dolomite with galena and sphalerite mineralization (OC07).

RESULTS AND DISCUSSION

MINERALIZATION

Ten samples were sent to the ALS Minerals assay lab oratory in Val-d'Or, Quebec. Assay results are listed in Table 1.

Sulphide mineralization consisting of galena and sphalerite was found in sample PC2016-009A. This sample returned 312 ppm lead (Pb) and 1460 ppm zinc (Zn). Sample PC2016-009B contains 2760 ppm zinc.

TABLE 1. ASSAY RESULTS (**bold** indicates highest values of the samples assayed)

ELEMENT \ SAMPLE	PC2016 -001	PC2016 -002	PC2016 -003	PC2016 -004	PC2016 -005	PC2016 -006	PC2016 -007	PC2016 -009A	PC2016 -009B	PC2016 -010
Silver (Ag) in ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Copper (Cu) in ppm	3	1	2	2	1	3	2	2	4	1
Lead (Pb) in ppm	33	3	<2	2	<2	2	2	312	14	2
Zinc (Zn) in ppm	56	31	3	7	4	12	290	1460	2760	339
Cobalt (Co) in ppm	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chromium (Cr) in ppm	2	1	1	<1	1	1	<1	<1	<1	<1
Iron (Fe) in %	0.34	0.17	0.11	0.15	0.16	0.15	0.13	0.16	0.12	0.15
Molybdenum (Mo) in ppm	<1	<1	<1	1	<1	1	<1	<1	<1	<1
Nickel (Ni) in ppm	1	<1	<1	1	<1	<1	<1	<1	<1	<1
Arsenic (As) in ppm	<2	<2	<2	<2	<2	<2	<2	<2	<2	5
Cadmium (Cd) in ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	3.4	6.3	0.8
Mercury (Hg) in ppm	<1	<1	<1	<1	<1	<1	1	<1	2	<1
Aluminum (Al) in %	0.04	0.03	0.05	0.02	0.03	0.04	0.01	0.02	0.01	0.01
Boron (B) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Barium (Ba) in ppm	10	10	10	<10	<10	10	10	<10	<10	<10
Beryllium (Be) in ppm	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Bismuth (Bi) in ppm	3	3	2	3	3	2	2	<2	3	4
Calcium (Ca) in %	21.7	21.9	21.7	19.6	20.1	19.3	19.2	19.7	19.5	19.9
Gallium (Ga) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Potassium (K) in %	0.02	0.01	0.02	<0.01	0.01	0.02	<0.01	0.01	0.01	<0.01
Lanthanum (La) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Magnesium (Mg) in %	13.35	13.60	13.45	12.15	12.35	11.90	12.10	12.10	12.0	12.15
Manganese (Mn) in ppm	639	277	155	305	260	183	222	259	193	154
Sodium (Na) in %	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Phosphorous (P) in ppm	300	160	240	120	340	190	130	170	130	80
Sulfur (S) in %	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.13	0.20	0.09
Antimony (Sb) in ppm	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Scandium (Sc) in ppm	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Strontium (Sr) in ppm	121	91	78	73	86	76	74	84	81	94
Thorium (Th) in ppm	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Titanium (Ti) in %	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thallium (Tl) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Uranium (U) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vanadium (V) in ppm	1	1	1	1	1	1	1	1	1	<1
Tungsten (W) in ppm	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

CONCLUSION AND RECOMMENDATIONS

Locating sulphide mineralization increases our knowledge of the potential for mineralization in Mistissini Category 1 land. Due to the anomalous zinc, it is recommended that the 2017 prospecting course team continues the study of this area west and south towards the Copper Boulder project area (2009-2010)

4.6 PROSPECTORS PROJECTS

The CMEB offered financial and technical support to a prospector on the following nine projects.

TRAPLINE CH-16 PROJECT PHASE 2

Prospector William Fireman

Location



Location and Accessibility map

The project is in an area where Virginia Gold and SIRIOS are exploring for Gold, located 180 kilometres ENE of Chisasibi, and 40 kilometres North of LaGrande Reservoir.

This weakly explored area is accessed by boat through LaGrande River and Reservoir LG2 or by plane and helicopter.

The area explored by Mr. Fireman is located in 33J04, 33J05, 33K01 and 33K08, in the heart of the Bienville Domain which is part of the Minto sub-province. This domain intrudes both of the Minto and LaGrande sub-provinces.

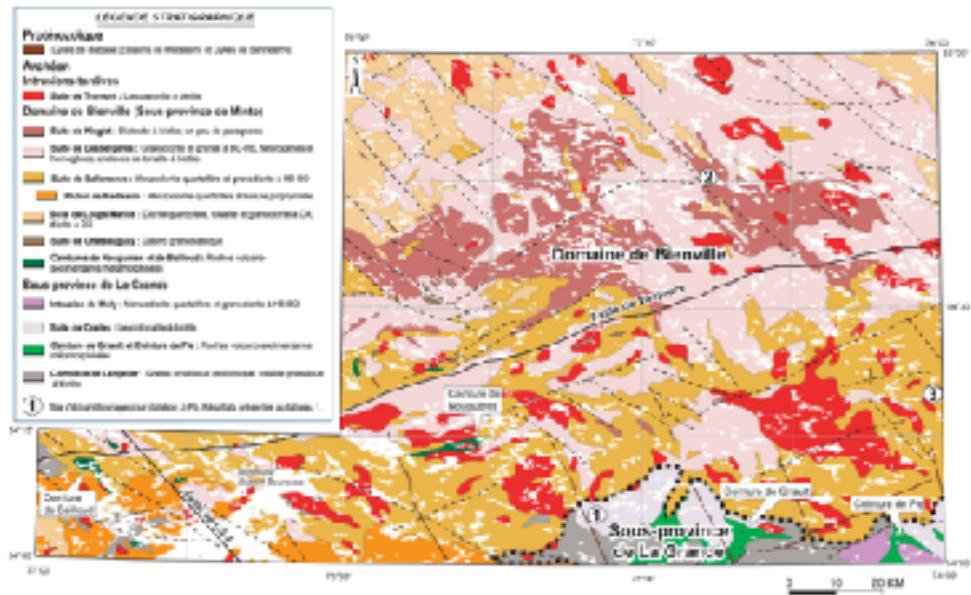
Regional Geology

The area is part of Superior Province (4 to 2.5 Ga) which occupies a large part of the North American continent and covers one third of Quebec. This province forms the central part of the Canadian Shield. It is known worldwide for its numerous deposits of copper, gold, zinc, nickel and silver. More recently, important discoveries of diamond indices in intersecting kimberlite rocks have been made in this province. Moreover, it is subdivided into a dozen sub-provinces, half of which are located in Quebec.

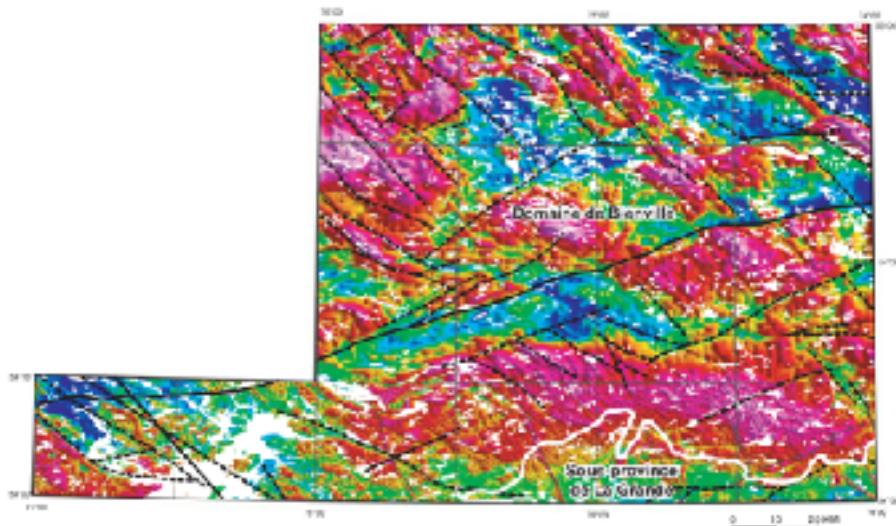
The prospected area is characterized by multiple felsic, ultra-mafic and para-granite intrusions and in our view has the potential for the discovery of major gold and/or base metal deposits. It is composed of Archean rocks belonging to the north part of the Superior Province. It is divided to four subprovinces (Card and Ciesielski, 1986): from south to north - the LaGrande volcano-plutonic Subprovince, the Bienville plutonic Subprovince, the Ashuanipi gneissic Subprovince and the Minto deformed plutonic Subprovince. These rocks have an age ranging between 2.7 Ga and 3.2 Ga. The contact between these subprovinces is marked by late plutonic rocks represented mostly by pegmatites enriched in rare metals and REE.

Geology of CH16 area

There is very little geological information on this sector. The sector is geologically in the Kinglet suite (2705 Ma) which contains diatexitic rocks including volcano-sedimentary enclaves. We also observe mafic intrusive rocks and volcano-sedimentary lithology in the Bienville Domain. This is represented essentially by mafic and ultramafic (gabbro, and pyroxenite) rocks. The geo-physical survey shows highly magnetic characteristics suggesting an interesting mineralization presence.



Geological map of the prospected area

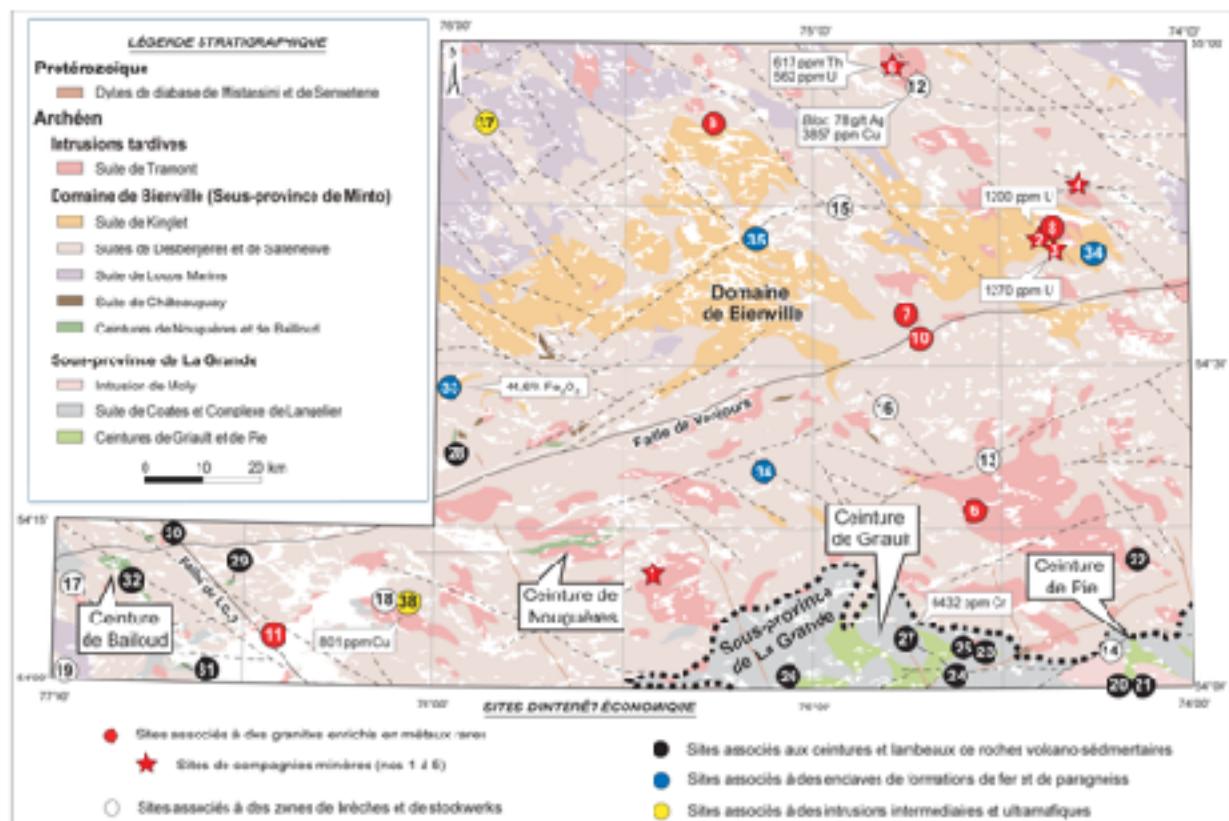


Geophysics map of the prospected area

Mineralization

As shown on the following map there is several mineralized sites in the area:

1. Granites rare metals and REE rich
 2. Stockwerks environment Cu, Ni, Au, Zn, Mo and U.
 3. Sulfides zone
 4. Banded Iron Formation in Paragneiss and Diatekites
 5. Mineralization in intermediate and ultramafic rocks Cu, Zn, Ni, Co, Pt, and Pd.



Geological map showing the best targets of the prospected area

Sampling and mapping

As shown the first assays, there is a presence of several trace mineralizations related to different lithologic environments. Cr, Ni, Zn and Cu seem more present even if the result shows just traces of these metals in the analyzed rocks. We also noted that there are traces of Au, Fe, Mn and P. These values are close to the anomalous threshold.



Banded Iron Formation

William's daily report:

Day 1 – Mobilization by plane; all the material flown in. Camp installation; planning and preparing the work material.

1- Day 2 & 3 & 4 & 5- Sampling the Northern site as shown on the following figure.

2 - ATV trip and sampling mineralization in Paragneiss.

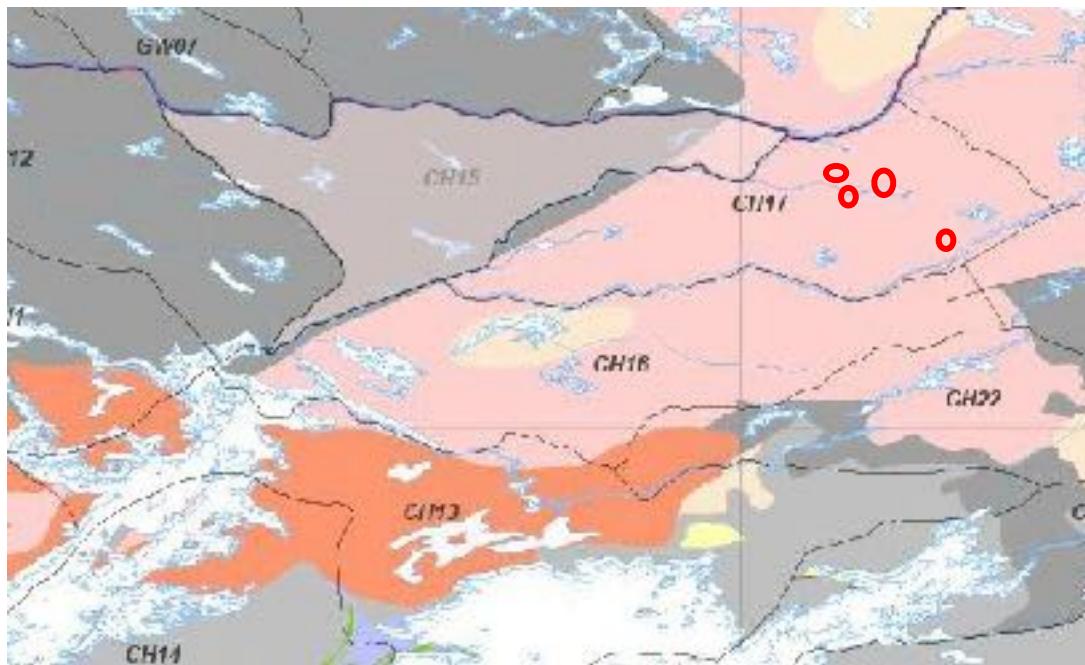
3- Day 6 & 7 & 8- Sampling the North-East site as shown on the following figure.

4- Day 9 &10 & 11- Sampling the South-East site as shown on the following figure.

5- Day 12& 13 & 14- Sampling the Western site as shown on the following figure.

Day 15 – Demobilization by plane; all the material flown out.

Samples	Description	Materialization
W.F. 1	Tonalite	Basic metal and Au.
W.F. 2	Granodiorite	Basic metal and Au.
W.F. 3	Quartz-Feldspar	Basic metal and Au.
W.F. 4	Gneiss	Basic metal and Au.
W.F. 5	Granite, Quartz and Epidote	Basic metal and Au.
W.F. 6	Shista	Basic metal and Au.
W.F. 7	Granite	Basic metal and Au.
W.F. 8	Gratoid	Basic metal and Au.
W.F. 9	Quartz Vein	Basic metal and Au.
W.F. 10	Quartz Vein	Basic metal and Au.
W.F. 11	Paragneiss	Basic metal and Au.
W.F. 12	Granite	Basic metal and Au.
W.F. 13	Quartz	Basic metal and Au.
W.F. 14	Gratoid	Basic metal and Au.
W.F. 15	Volcanic mafic Rock	Basic metal and Au.
W.F. 16	Paragneiss	Basic metal and Au.
W.F. 17	Paragneiss	Basic metal and Au.
W.F. 18	Amphibolite	Basic metal and Au.
W.F. 19	Ultramafic Rocks	Basic metal and Au.
W.F. 20	Paragneiss	Basic metal and Au.



Geo-location map showing the sampling sites

Results and discussion

This field prospecting campaign did not bring new information. Mr. Fireman collected several grab samples containing a lot of micas (biotite-muscovite). He thought this was all mineralization. Mr. Fireman is good prospector. He is an elder who is in great shape but I believe that his vision is not as it was. We still consider this project very interesting. The trapline contains a large variety of rocks from rare earth and REE rich granite, to Cu-Co-PGE ultramafic satellites and intermediate to felsic volcanic rocks with trace Au. The CMEB geologist will go with him for another sampling session.

Conclusion and recommendation

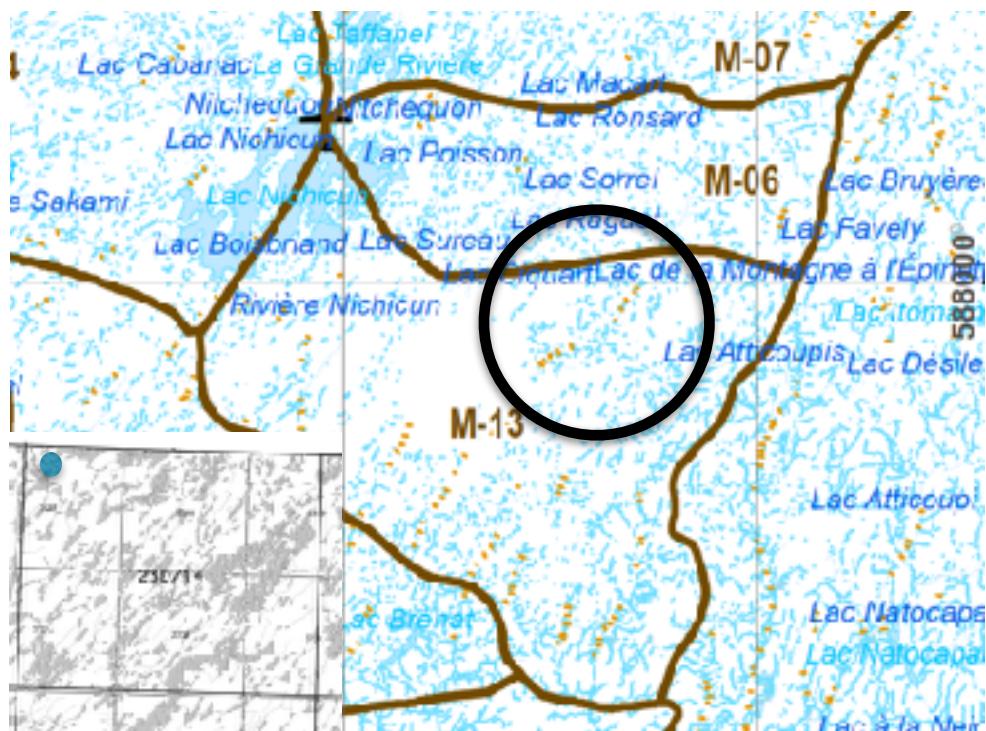
The data used for the project shows a nice economic potential. The area is very little prospected for minerals. We believe that the prospected area has a potential for gold mineralization and PGE deposits. Medium size deposits are known in the proximity of this area.

We recommend that the CMEB geologist helps the prospector to better outline the sampling campaign. Conductors have to be detected using a Beep-Mat. Adding sampling to geophysics will better define the real potential of the project.

We recommend to the board of the CMEB to encourage Mr. Fireman to continue prospecting in his traplines.

Kenny Wapachee Project M13 phase 2 Agr 2016-11

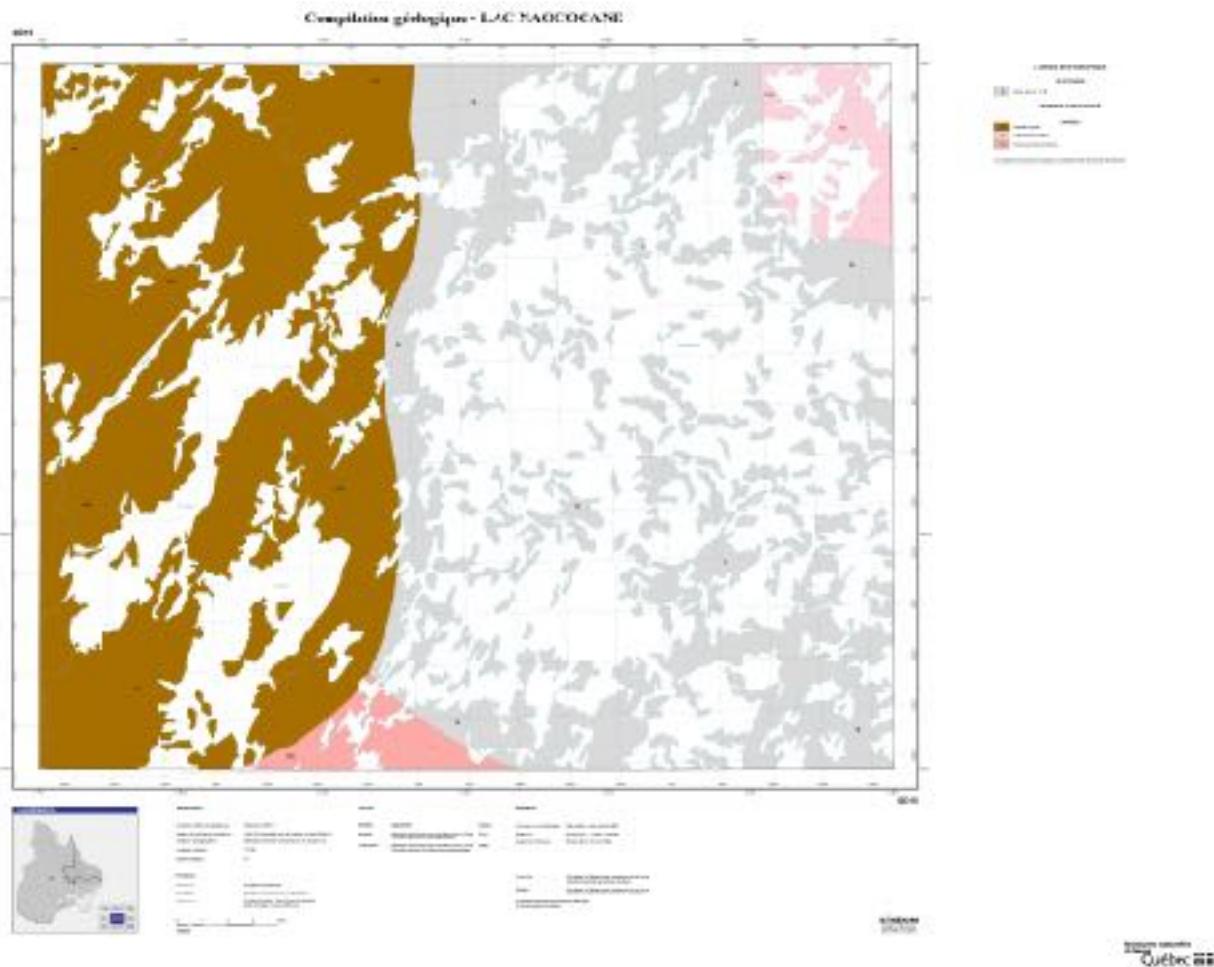
LOCATION AND ACCESS



Project M13 is near the Nichicun River located about 150 km NNE of Mistissini. The prospected area is in proximity to numerous big projects in the Otish Mountains. Highway 167 will be the best way to access this area. From there, the only access is by plane or helicopter.

REGIONAL GEOLOGY

The project is in the eastern extremity of the Upper Eastmain River Greenstone Belt which extends for 100 km in a north-northeast direction. It is a transition area between the Opatica and the Opinaca subprovinces. The Upper Eastmain Belt consists of one or more cycles of mafic to felsic volcanics and metasedimentary rocks surrounded by granite and granite-gneiss. A key geological marker comprised of ultramafic volcanic rocks (komatiite flows) can be traced across the belt.



Widespread rock geochemical anomalies in nickel-copper, nickel-chromium, copper-zinc and gold suggest that these rocks are highly prospective for both gold and nickel-copper-platinum deposits similar to those found elsewhere in Canada, and in Western Australia. The three gold zones discovered at the Eastmain Mine are spatially associated with a strongly altered ultramafic volcanic unit (komatiitic flows) intercalated with narrow lenses of felsic volcanic rocks within a thicker sequence of mafic volcanic flows.

LOCAL GEOLOGY

The geology of the prospected area which is a part of Lac Naococane is mostly covered with glacial material. The outcrops of the region consist of granitic rocks generally pegmatitic and/or porphyric with hornblende, biotite, sphene and a lot of magnetite.

The granitic rocks are present in the entire prospected area. The area also contains some sillimanite-bearing and sometimes cordierite-bearing paragneisses. We can observe here and there amphibolite which is probably in enclaves snatched from the volcanics rocks. There is also abundant magnetite-bearing gabbro in the area.

WORK DONE

The prospector performed a geophysical survey using the CMEB Beep Mat and an ATV. This helped a lot to discover some targets. The magnetism present in the area creates interferences but the Beep Mat is still efficient.

All the targets have been sampled for assay. The samples are picked from two strategic places. The first one named Camp samples where a significant anomaly has been found with the Beep Mat and the second place named East-South Lake samples.

Travelling with the ATV to the lake for about 10 km, the ATV helps in transporting the samples. All visible alteration and Beep Mat targets are sampled.

ASSAYS

The analysis showed two types of mineralization. The first shows chalcopyrite and the second a lot of pyrite. The magnetite seems spread everywhere. This is reflected in the assay table where we observe traces of gold (0.02 ppm) and anomalous copper (77 ppm). We also have anomalic values for nickel (231 ppm), cobalt (50 ppm) and Cr (188 ppm). Barium is systematically present in the prospected area. This element is generally related to gold accumulation.

SAMPLE	Au	Ba	Co	Cr	Cu	Fe	Mg	Mn	Na	Ni	P	Pb
	ppm	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	ppm
M13-001	0,009	300	24	148	77	2,74	2,32	215	0,04	213	620	19
M13-002	0,006	350	25	172	77	2,82	2,44	218	0,05	231	680	18
M13-003		220	12	145	23	3,75	1,54	398	0,06	25	450	5
M13-004		20		14	2	0,33	0,04	43	0,03	3	390	7
M13-005	0,021	310	14	188	40	3,97	1,67	296	0,05	40	430	3
M13-006		1030	50	54		9,23	3,67	1110	0,05	82	1420	3
M13-007		400	10	99	15	3	1,12	371	0,08	32	470	5
M13-008		500	13	117	22	3,46	1,33	422	0,07	38	510	6
M13-009				13	1	0,33	0,02	50	0,01	1	50	2
M13-010		70	7	112	18	2,66	0,96	312	0,04	19	240	11

MINERALISATION

It is important to mention that the prospected area is largely magnetic. It is known for its iron and gold potential. This of course does not exclude either the basic metals (Cu...) or the rare metals (Li, Be, Mo, F...).

The lithology sampled show several minerals such as pyrite, magnetite and locally chalcopyrite. The assays show anomalous values of Cu, Cr, Co and very low concentration of gold (Au).

RECOMMENDATION

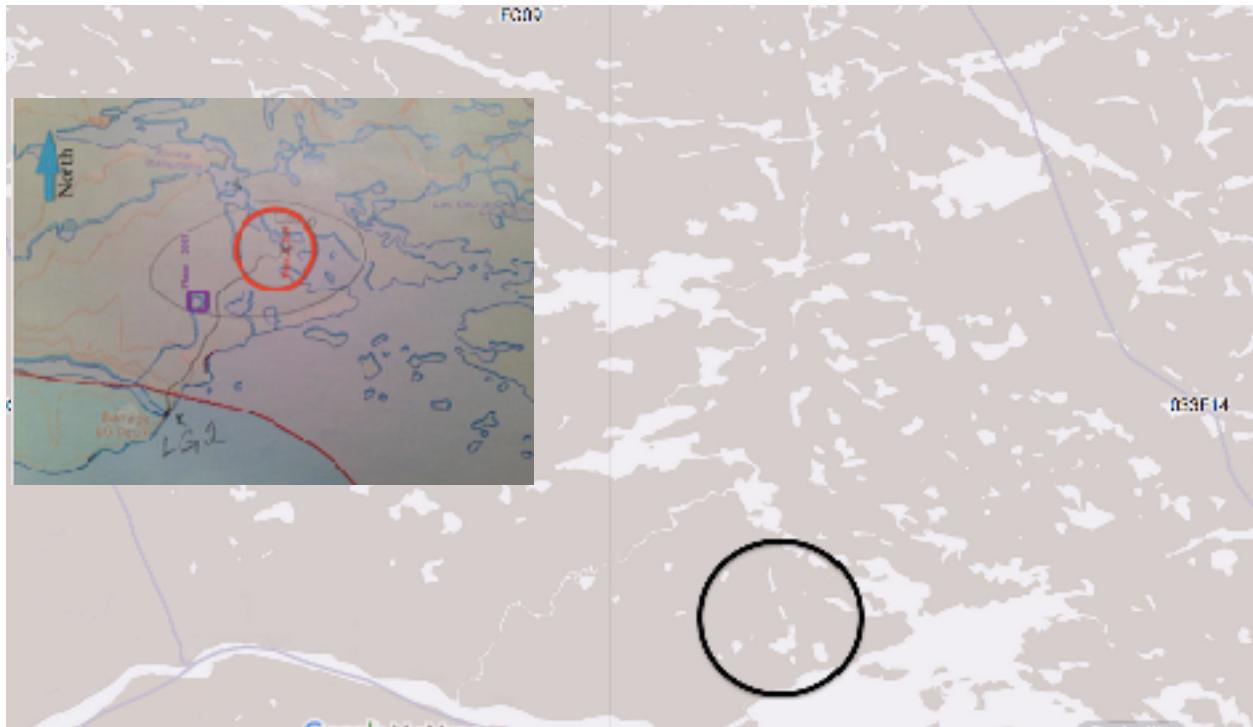
As we suggested at the beginning of this project, it is a viable project. It has a lot of potential. This was just the second grassroots investigation. We recommend finishing prospecting all around the Lake and near the Camp. We believe that more sampling is important to characterize the area in terms of mining. The prospector has to do a lot more sampling before proceeding to take claims and performing geophysics surveys.

Hutahunanis Project phase 1 &2 Agr. 2015-01 & 2016-08

Prospector Dennis Moar

Project Location

The project is located in Chisasibi Category 3 land, 30 km north of Radisson and about 50 km north of the LG2 reservoir. This area is accessible by car (4X4) on a winter road.

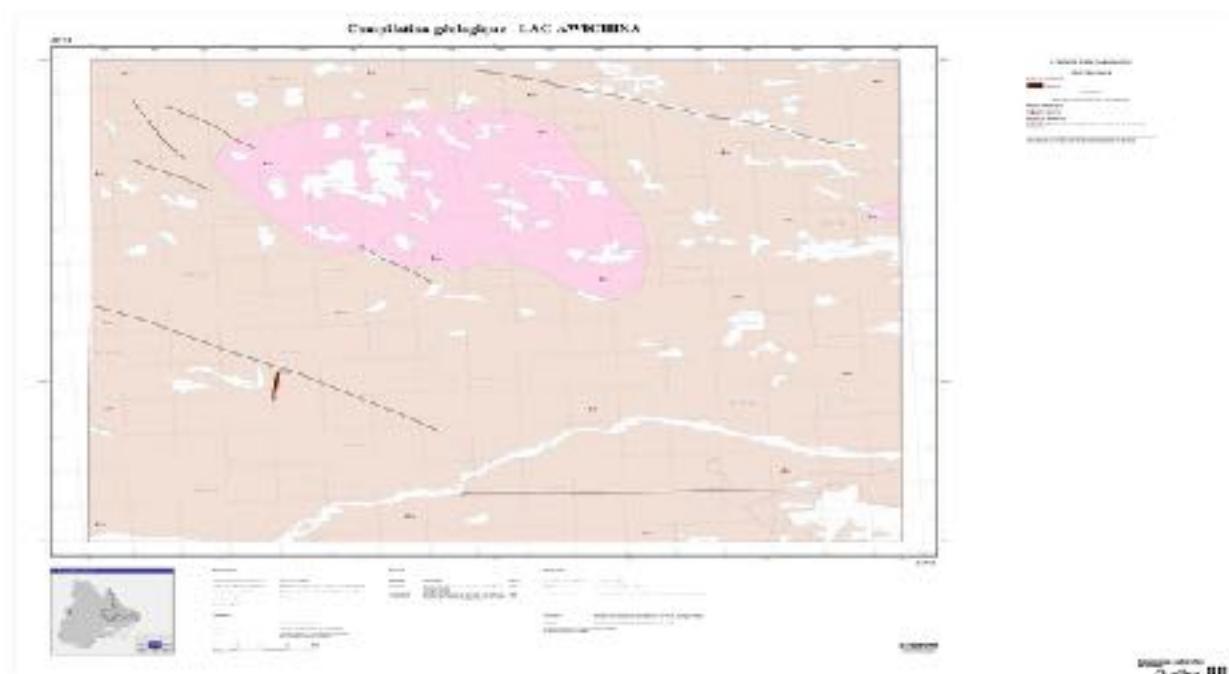


Location and Accessibility map

The area explored by Moar is located in 33F14, in the heart of the Bienville Domain which is part of the Minto Subprovince. This domain intrudes both the Minto and LaGrande subprovinces.

Regional Geology

The prospected area is located within the geological Superior Province, more precisely, in the western part of the La Grande volcano-plutonic Subprovince. The geology of the area was last mapped at a 1:50,000 scale by the MENR which published a detailed report in 1998 (Goutier et al, 1998; RG 98-16). The oldest rocks observed on the property are tonalites and diorites of the Langelier complex. These are overlain by the Yasinski Group which is mostly composed of mafic to intermediate volcanic units as well as iron formations with minor conglomerates, wackes and felsic volcanics.. Small slivers of the Ekomiak formation occur in the area; they are composed of conglomerates, wackes and iron formation. The Duncan monzonite, diorite and tonalite bodies that cover the most of the area were intruded later. There are some ultramafic intrusions interesting for PGE. All those Archean lithologies are crosscut by Proterozoic gabbro dykes.



Local geology

The prospected area is just north of the Yasinski Group volcano-sedimentary sequence. A 0.5 km to 2 km-wide band of basalt and andesitic volcanics belonging to the Yasinski Group. The volcanic sequences are believed to have formed deep on the ocean floor since most of the units in this group are pillowd, display little to no vesicles and have little textural variation (Goutier et al., 1998; RG 98-16). The area contains traces of disseminated sulphide, mostly pyrite.

Most of the prospected area lies over the Duncan intrusive suite which is composed of tonalite and monzonite. This assemblage is mostly homogeneous and displays little deformation. The tonalites are pale grey to pink and weathering gives them a whitish appearance. Its appearance varies from pink to slightly green, depending on the amount of mafic minerals present.

A few mafic and ultramafic bodies are found. Locally, we can observe some mafic and felsic pegmatites (Goutier et al., 1998; RG 98-16). Disseminated chalcopyrite is also visible locally. Gabbro dikes where primary minerals have mostly been altered to serpentine, chlorite, magnetite, talc and carbonate are also found.

The geology was mapped by the MENR and available as E-SIGEOM digital 1:50,000 scale maps. Airborne magnetic surveying was conducted over the property by the MENR (D'Amour, 2010; DP 2010-06) and by Nouveau-Monde. A significant magnetic signature of the main gabbro dyke was identified. It is important to note that three ice directions for glaciation are present in the area, the oldest having a northwest orientation and the others a western and WSW orientation (Viellette, 1995).

Mineralization

According to public historical assessment reports, the area is recognized for a significant mineralization discovered during a MENR mapping campaign: 45.81% Fe (65.5% Fe₂O₃), 5.44% Ti (9.07% TiO₂), 0.33% V (0.59% V₂O₅) and 0.24% Cu, and one sample of 0.17 g/t Au. The Soquem mafic volcanic unit fieldwork sample contains 4.32% Cu and 61 g/t Ag.

The prospected area still needs a lot of exploration and the presence of gold, copper, nickel and Fe-Ti-V mineralization has already been confirmed proximally south and north. The Hutahunanis project area is also close to the Duncan Lake Iron Deposit. This huge Fe mineralization is consi-

dered as large volume which can be found in our project. The geology is similar to that at Duncan Lake; suggesting the presence of another iron deposit.

Work done

RWKZTD-Hutahunanis phase1 daily report:

In this phase of the project, most of the work consists of a Beep Mat geophysics survey. The first part of the area located in the north as shown on the location map above, has been mapped with this geophysics instrument using a skidoo. The spots that reveals high signal where plotted on the map and saved in the GPS. In the beginning of spring 2016, we went back to these spots with ATVs for sampling and more prospecting. Most of lithology in the area, tonalite, granite, and some diorite were sampled.

Most of the samples were not sent for assay because the visual analysis did not reveal any mineralization. The rest of the samples will be sent for REE analysis.

Day 1 – Mobilization by 4X4 vehicle, all the material has been delivered in.

Camp installed. Preparing the work material and planning.

Day 2 & 3 & 4 & 5- Beep Mat mapping by snowmobile.

Day 6 & 7 - ATV for sampling GPS spots, all in granite lithology.

Day 8 & 9- Going back with the ATV and Beep Mat to find any new conductors.

Day 10 – Packing and demobilization .

RWKZTD-Hutahunanis phase2 daily report:

This second phase was completely done in the fall. It is located half way between the Chisasibi access road and the camp where the first phase of the project was carried out. The area was prospected and mapped with the Beep Mat. Even if the geophysics and the MAG maps of the MENR shows an good possibilities, the prospecting work did not reveal any interesting mineralization. The lithology sampled is the same as in the first phase of the project in the northern part. Tonalites and granodiorite were mostly sampled.

Day 1 – Mobilization by vehicle 4X4 all the material delivered in. Camp installed. Preparing the work material and planning.

Days 2 & 3 & 4 & 5 – ATV supported Beep Mat prospecting and sampling to locate new targets.

Days 6 & 7 & 8 & 9- Hand shovelling and sampling.

Day 10 – Demobilization and site clean-up.

Results and discussion

In the field, it is very hard to find a little mineralization in such an enormous volume of granitoids. We observed many altered (rusty) areas within numerous veins of quartz. The lithology consists of tonalites and some enclaves of amphibolitic rocks. We reported intrusions of granites (sometimes pegmatitic) and centimetric veins of quartz.

The regional geology is very homogeneous in terms of lithology. It consists essentially of plutonic felsic rocks and some old volcanic trapped in the huge mass of tonalities and other granitoids. There is no visible mineralization but REE and Rare metals as Lithium could be present in this kind of rocks. The obtained data are very consistent with what we saw on the field. there is no interesting values in terms of mineralization.

Conclusion and Recommendation

The geology of the area did not reveal any interesting target for exploration of base metals and gold. We are still sceptic regarding other mineralization of rare metals and REE. The project does not show an economic potential. The area is very little prospected for minerals. Because of the field data and the quality of the rocks, we believe that more has to be known and studied in this area before going back for prospecting.

We recommend to the prospector to change to an area where there is more information and field data. We recommend to the board of CMEB to encourage our young prospector to continue developing his knowledge and his experience in prospecting by undertaking new projects in new areas located in Eeyou Istchee.

Nicobi West Project Desgagné Agr 2016-06

Location Nicobi West Project

The project is located near the community of Desmaraisville and is accessed from Highway 113. Reaching the prospected site is then accessed via forestry trails over a couple of hills. All the claims staked around Lac Yolande as shown in the following figures. Some of these claims are only accessible by boat. This was not a matter for this first step of the project Nicobi.



General Geology

The prospected area is part of the Superior Province (4 to 2.5 Ga) which occupies a large part of the North American continent and covers one third of Quebec. This province forms the central part of the Canadian Shield. It is known worldwide for numerous copper, gold, zinc, nickel and silver deposits. More recently, important discoveries of diamond indices in intersecting kimberlite rocks of this province were made.

Moreover, it is subdivided into a dozen sub-provinces, half of which is located in Quebec. The best known is the Abitibi Subprovince, which is the largest of the Archean volcano-sedimentary belts in the world, renowned for its copper, zinc, silver and gold deposits.

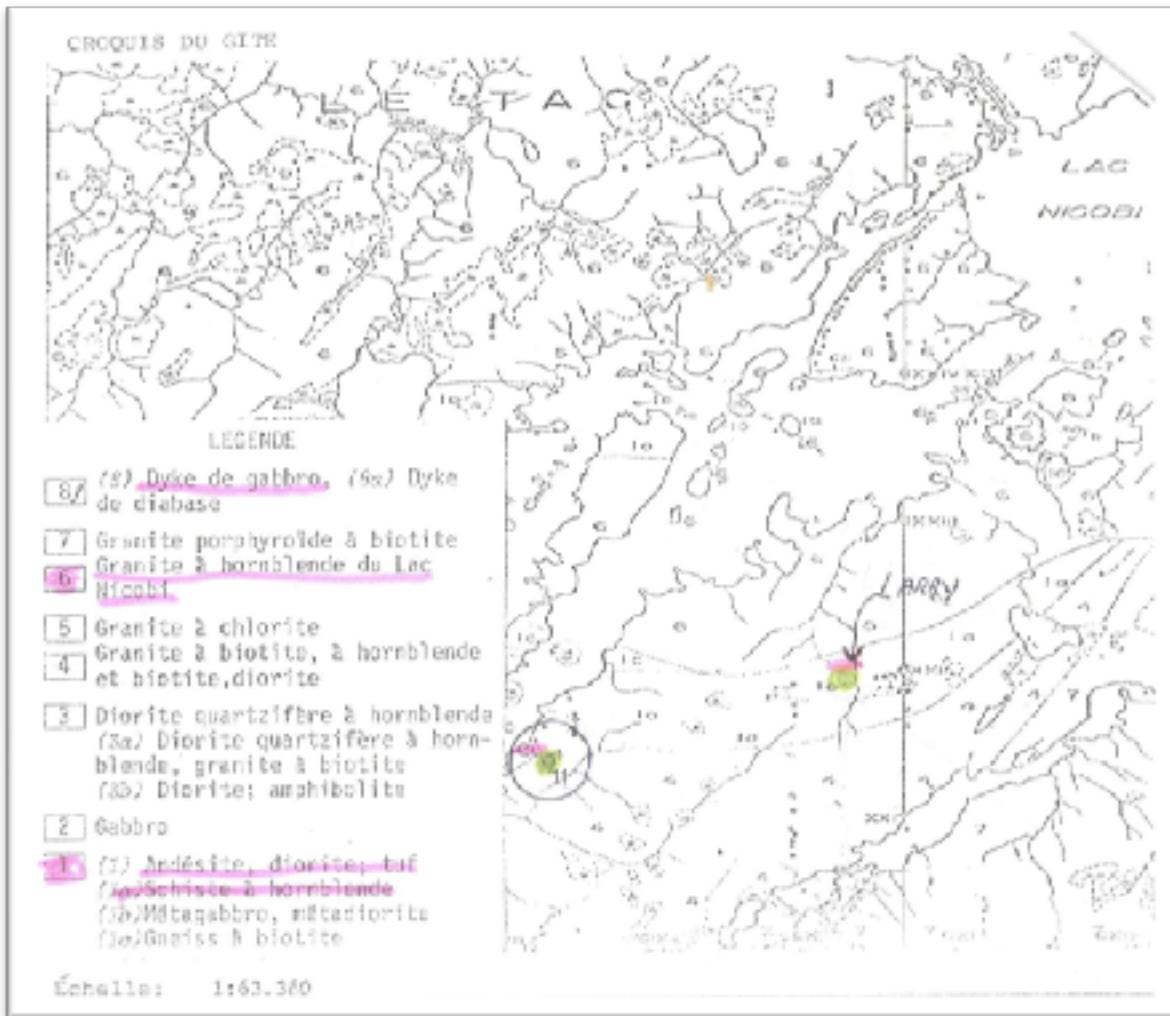
The Abitibi Subprovince is the richest Archean greenstone belt. It contains 14 mining districts, where thousands of Canadians reside. These districts developed around discrete clusters of more than 80 massive sulfide deposits (VMS) and along major domain-bounding faults that are hosts to over 50 gold deposits. However, base metal reserves have considerably declined over the last 10 years. Nicobi is part of the Abitibi Greenstone Belt which is not much explored.

Geology of the Nicobi area

There is very little geological information on this sector even If you go to Review, there are many cards synthesis Abitibi sub-province that includes the NTS sheet 32 G/05. However, there is not a geological detail of prospected area. There may be a GIS map 91-01 (Summary Path greenstone Currie-Lesueur), which could be interesting even if it is borderline with claims of Larry.

The claims of this project are all located in the southwestern part of NTS sheet 32 G/05, just southwest of Nicobi Lake. They straddle the eastern end of a thin band of mafic volcanic rocks, about 1 km wide which is oriented east-west. These mafic volcanic rocks contain phenocrysts of plagioclase and are probably part of the Obatogamau Formation, the base of the first volcanic cycle (plain) of tholeiitic affinity. We can also observe the presence of diabase dykes trending

north-east through the claims. Finally, it is possible that within this band, there are dykes of gabbro co-magmatic, copper ore. These dykes, if present, could possibly correspond to the indices of copper on the property (Field notes, Desgagné, Houle and Larbi. 2008).





2016 larry et foreuse projet nicobi

Daily report

June 14 2016: 1 day of 12 hours

Drill mobilisation, trenching using rock saw

June 15, 2016: 1 day

Drill supervision hole 1 and 2, trenching using rock saw

June 16, 2016: 1 day

Drill supervision hole 3, trenching using rock saw

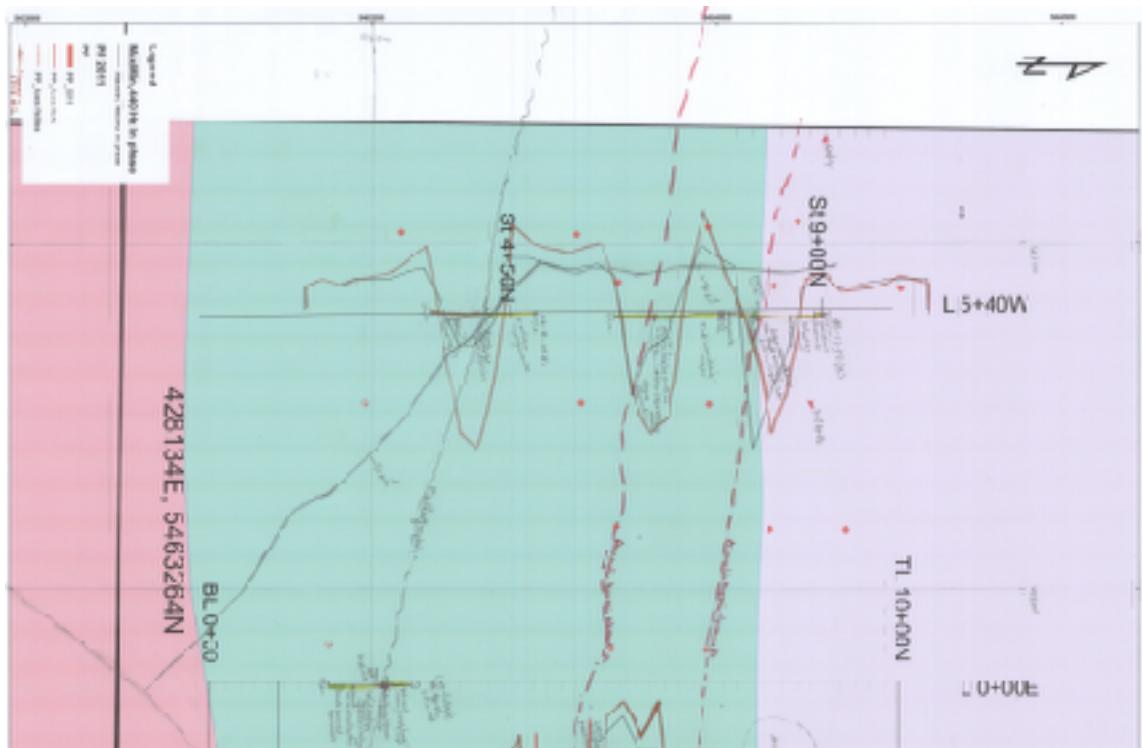
June 17, 2016: 1 day

Finalizing Hole 3, sampling and materiel transportation through the Lake.

June 18, 2016: 1 day

Writing report, preparing samples and shipping samples for assays

Drilling



cuivre projet nicobi 2016

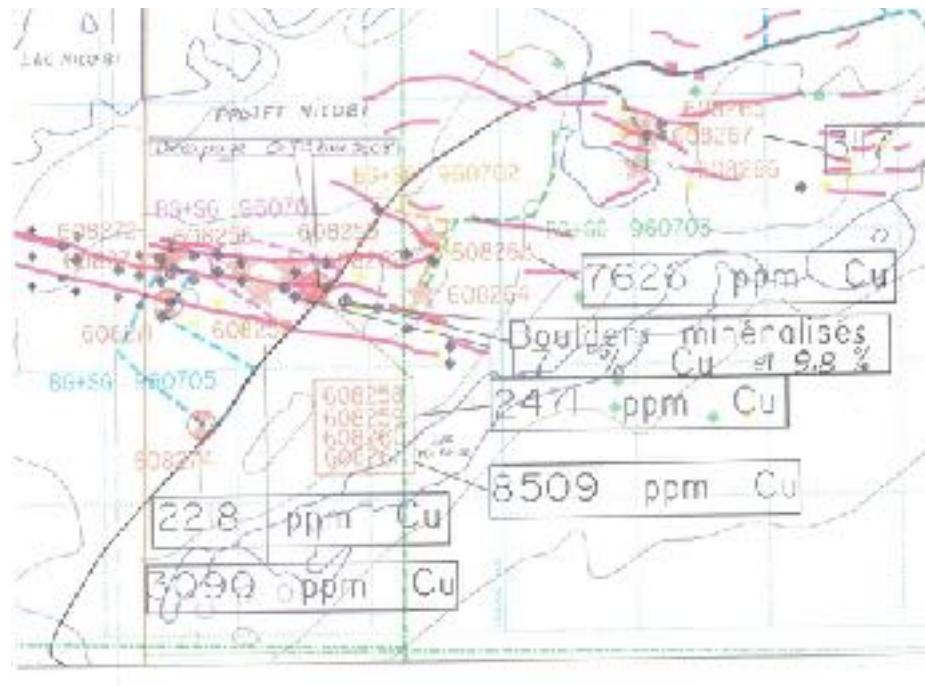
trou no 3

Results and discussion

This drilling campaign confirms the importance of the Nicobi West project. The cores from the 3 holes shows several mineralization described blow. The lithology consists on Tuf, volcanic rocks, dykes of gabbro and tonalites, and some granites (sometimes pegmatitic) all cut by centimetric vein of quartz.



This is the showing of Nicobi and a detailed mapping of the outcrop.



The geology of the area suggests that the mineralization capacity is very high. The basaltic rocks and the gabbros are the host of the deposit and the granite is the energy provider to remobilize the metals in the hot water from deep earth to the surface. These rocks have been sampled and sent to essays. The data obtained are very consistent and show encouraging values in Cu and Ag. Some samples have a value of 0.2%.

Sample Number	Mg	Al	Ni	Pu	Hg	Pb	Zn	Cd	Cr	Co	Fe	Hg	Hg	H	Mo	Li	Mn	Mn	Ni	Ni	Ni	Pt
960701	0.0	1.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	< 0.00	
Lower 10000	17.5	0.18	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Metall. Grade	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	0.00±0%	
7626	1.1	0.42	0	70	< 0	0	22.4	< 0.0	10	22	200	19.4	10	2	0.50	1.73	21	1300	13	0.40	154	0.009 < 0
762602	0.0	4.15	< 0	1.1	< 0	< 0	2.37	< 0.0	20	227	567	21.2	14	2	0.00	2.42	21	2900	0	1.17	224	0.014 < 0
762603	< 0.0	0.95	< 0	0.00	< 0	< 0	0.70	< 0.0	25	156	0.0	0.96	15	< 0	1.25	1.73	04	0.00	5	2.10	127	0.046 < 0
762604	< 0.0	0.85	< 0	0.00	< 0	< 0	0.45	< 0.0	40	140	178	0.00	15	1	0.14	1.25	04	2900	7	2.02	175	0.048 < 0
762605	< 0.0	0.29	< 0	0.00	< 0	< 0	0.50	< 0.0	10	150	47	0.01	15	< 0	0.01	1.45	06	0.00	7	2.11	120	0.043 < 0
762606	< 0.0	4.38	< 0	997	0	< 0	2.79	< 0.0	17	159	97	3.71	17	< 1	1.00	1.87	21	1750	9	2.70	129	0.008 13
762607	1.1	3.79	0	71	< 0	< 0	2.37	< 0.0	21	143	2576	20.6	12	5	0.00	1.84	14	3800	11	1.46	681	0.013 < 0
762608	1.0	3.88	4	80	< 0	< 0	1.49	< 0.0	27	168	1508	19.7	10	5	0.01	1.87	6	1850	11	1.36	516	0.014 < 0
762609	< 0.0	4.18	0	260	< 0	< 0	3.32	< 0.0	27	212	54	3.76	14	< 1	0.87	1.85	26	3750	8	2.10	139	0.008 < 0
762610	< 0.0	4.18	0	260	< 0	< 0	4.29	< 0.0	25	168	38	10.0	10	< 1	0.70	3.50	25	4800	5	2.06	123	0.013 < 0
762611	< 0.0	4.24	4	205	< 0	< 0	3.87	< 0.0	26	243	54	3.13	15	< 1	1.19	2.38	26	3800	13	2.10	141	0.011 < 0
762612	< 0.0	8.82	0	260	< 0	< 0	2.93	< 0.0	27	184	294	3.76	20	< 1	1.80	1.79	61	3800	11	9.36	203	0.044 < 0
762613	0.0	4.79	< 0	80	< 0	< 0	2.95	< 0.0	116	208	415	18.6	15	5	0.70	1.88	21	3840	18	1.36	147	0.042 < 0
762614	< 0.0	8.75	< 0	154	0	< 0	2.93	< 0.0	107	210	205	2.80	10	< 1	1.45	1.84	26	3800	13	2.10	93	0.011 < 0
762615	0.0	8.85	4	40	< 0	< 0	1.31	< 0	67	162	508	27.6	12	5	0.05	1.72	18	3800	8	8.08	203	0.013 < 0

Cores from Hole 1 show mafic to intermediate tuff. The rock is grey, at times greenish, with a massive texture; some phases show gneissic banding. All are intruded by tonalitic dykes and pegmatites. We observe a lot of biotite and occasionally garnets. The mineralized Zone contains 20 % massive pyrrhotite (Po).

The second hole shows intermediate to felsic tuff, light grey rocks with fine lithification. Tonalitic dykes cutting the tuffs are also present. The latter contains pyrrhotite (trace) in fine fractures. Specifically in the core from Hole 2, we found about 2-3% garnets. The core also contains massive pyrrhotite.

Cores from the Hole 3 contains a felsic tuff; the latter showing an alternating pale grey and white banded lithology. It is also cut by aplitic dykes and pegmatites. Further in the core, there is some quartz diorite intruded by tonalite. The mineralization consists of 20-25 % pyrrhotite, + 1-2 % pyrite and + 0.7 % chalcopyrite.

Conclusion and recommendation

Assays of the core obtained from the drilling campaign show that there is a great potential for mineral discoveries. The 0.2 % copper is very significant. We believe that the area needs further study. We believe this is one of the most interesting zones in this area for new ore discoveries.

We recommend to the prospector to continue exploring this area and the mineral potential in it. Conductors have to be better defined and others detected because the known conductors are not enough to make the project option-able. And we recommend to the board of CMEB to encourage Mr. Desgagné to continue working on this promising project located in Eeyou Istchee.

4.7 PROJECT DEVELOPMENT AND ENTREPRENEUR ASSISTANCE

Development of projects and assistance to entrepreneurs

During the fiscal year 2015-2016, the CMEB entered into agreements with Cree exploration companies, prospector projects and technical training for a total amount of \$437,551 in direct subsidies. Of these agreements, the CMEB finances 50% of the eligible expenditures related to the cost of mineral exploration.

Some of these agreements also provide for a royalty of 1% if the exploration project leads to the commercial exploitation of a mining deposit. The above-mentioned agreements with Cree entrepreneurs are as follows:

- Native Exploration Services Reg'd. – Barlow North-East Project;
- Native Exploration Services Reg'd. - Nemenjiche and Mina Gold projects;
- Native Exploration Services Reg'd. – Mina Gold East Project;
- Nimsken Corporation Inc. – Opawica and Barlow East projects;
- Nimsken Corporation Inc. – Beep Mat Project;
- Nimsken Corporation Inc. – Diamond Drilling Barlow East Project.
- Nimsken Corporation Inc. – Chibougamau River Project;
- Nimsken Corporation Inc. – Barlow East DDH Project.

Assistance to prospectors

Newly trained Cree prospectors carried out mineral exploration projects funded by the CMEB and the majority of these prospectors benefited from the CMEB summer training program. The CMEB continues its efforts to attract Cree interest in mineral prospecting in Eeyou Istchee. Substantial work is required to motivate more Cree prospectors to submit prospecting projects. Nev-

ertheless, the following agreements were executed by the CMEB within the framework of this program and the results are very encouraging:

- David John Peace – Brun Lake Project;
- Larry Desgagné – Fushite Gold Project;
- Larry Desgagné – Buteux Gold Project;
- Larry Desgagné – Buteux gold Project 2016, Phase VI;
- Frederick Whiskeychan – River Allard Project;
- Kenny Wapachee – Trapline M-15 Project;
- Marc Bouchard – Win-Win Project.

ALLOCATION OF THE FUNDS FROM THE GOVERNMENT OF QUÉBEC

Proponent/Project	Amount
CMEB (a) Mistissini Prospecting Course and (b) Nemaska and Eastmain Prospecting Course	\$121,975
Agreement 2015-03 Native Exploration Services Reg'd - Barlow North-East Project	\$21,090
Agreement 2015-04 Native Exploration Services Reg'd. - Nemenjiche and Mina Gold projects	\$24,765
Agreement 2015-05 Nimsken Corporation Inc. Opawica and Barlow East projects	\$31,733
Agreement 2015-06 David John Peace - Brun Lake Project	\$10,300
Agreement 2015-07 Larry Desgagné - Fushite Gold Project	\$5,450
Agreement 2015-08 Larry Desgagné - Buteux Gold Project	\$18,550
Agreement 2015-09 Frederick Whiskeychan - River Allard Project	\$10,000

Agreement 2015-10 Kenny Wapachee - Trapline M-13 Project	\$9,000
Agreement 2015-11 Native Exploration Services Reg'd - Mina Gold East Project	\$33,938
Agreement 2015-12 Nimsken Corporation Inc. - Beep Mat Project	\$37,500
Agreement 2015-13 Nimsken Corporation Inc. - Diamond Drilling Barlow East Project	\$22,500
Agreement 2015-14 Marc Bouchard - Win-Win Project	\$13,150
Agreement 2016-01 Larry Desgagné - Buteux Gold Project 2016 Phase VI Project	\$8,100
Agreement 2016-02 Nimsken Corporation Inc. - Chibougamau River Project	\$50,000
Agreement 2016-03 Nimsken Corporation Inc. - Barlow East DDH Project	\$19,500
Total	\$444,651

4.8 NEW COLLABORATION AND JOINT VENTURE PROJECTS

The Cree Mineral Exploration Board received several proposals from Cree and non-Cree companies for the fiscal year 2015-2016.

In order to satisfy the Board's concerns for economic development, the CMEB is willing to evaluate projects from any serious company. The Board receives proposals from several companies such as Geomega Resources Inc., NIOGOLD Inc., Nemaska Exploration Inc., Eagle Hill Exploration Corp., SIRIOS Resources Inc., Ressources D'Arianne Inc. and Metanor Resources Incorporated.

These proposals are discussed and decided upon at the Board meeting following reception of the proposals. The companies are seeking joint ventures, shares holders or investments. They support hiring Cree employees from proximal communities and contract Cree services companies.

4.9 GEOSCIENCES

The interactive Geo-Economic Map on the CMEB website at www.cmeb.org now has the traplines for each of the nine Cree communities in Eeyou Istchee. Each trapline has the information related to community, tallyman, contact person and mineral potential. The Map is accompanied by a report on mining activity in Eeyou Istchee.

The interactive geo-economic map has multiple uses. Cree prospectors, tallymen and the public in general can consult the geological base map for information on the geology of an area of interest. Mining companies can consult the communities and trapline overlay for the names of tallymen impacted by company projects and other contact persons. This information is important for establishing and maintaining proper relations between tallymen, communities and exploration companies on land use. This overlay also highlights the geology and mineral occurrences within the trapline boundary. The guideline for exploration companies is published on the website but, as it is a work in progress, there is room for improvement. The active mine overlay will be developed further to include historical and statistical information on the mines.

The CMEB performs several geo-scientific activities beginning with academic activities with children during summer, regular school scientific events, and the evaluation of the Cree Territory mineral potential via the production of an Eeyou Istchee geological map and geological impact studies. The Board produces compact discs containing presentations on the Earth sciences which will be distributed in all the CSB schools. A CMEB executive conducted a geology activity including both theory and a field trip for the youth. The CMEB also gave a presentation on the mining industry and job opportunities to secondary students in the communities of Chisasibi, Wemindji and Mistissini.

The CMEB is collaborating in several scientific studies with the INRS institute, École Polytechnique de Montréal, Geological Survey of Canada (GSC) and University of Quebec in Montreal (UQAM).

The collection of geophysical data from the seismic station set up by Dr. Fiona Ann Darbyshire from GEOTOP-UQAM was done with the collaboration of the Cree Mineral Exploration Board.

This station supplies continuous information on the seismic activity of the Earth and its composition.

4.10 COLLABORATIONS

The CMEB objectives in this area of activity are described in the Training and Job Assistance section. The CMEB has examined various ways and proposals to further the development of its program on Training and Job Assistance. It is examining ways of developing on-the-job training through a joint action committee with the Government of Quebec and the mining industry.

Finally, it is examining ways of collaborating with the Cree Human Resources Department in these matters. The CMEB continues working on long term training in prospecting and continues collaborating (through expertise and promotion) in several training programs related to mineral exploration in Eeyou Istchee. The CMEB is a partner in the CHRD Eeyou Mining Skills Enhancement Program (EMSEP) designed to create a workforce with the fundamental skills to embark upon any career in the mining sector.

Ministry of Energy and Natural Resources (Ministère de L'Énergie et des Ressources naturelles)

The Board continues the development of collaborative and mutually productive relationships with the mining department of the Ministry of Energy and Natural Resources (MENR). Among other initiatives, the MENR has agreed to promote the CMEB mission and purposes by informing all companies holding mining titles in the Territory and by including the CMEB on its web site. Furthermore, the MENR has set up an internal monitoring program of Cree employment in the mining sector, is planning to set up a joint action committee between the government, the industry and the CMEB, and has put in place a consultation mechanism with the CMEB on its own mapping programs in the Territory.

As discussed in the section on Awareness and Promotion, the MENR promotes mineral development and Cree involvement in the Territory. This promotional representation is in evidence at

the Quebec Annual Symposium on Exploration and the Prospectors and Developers Association of Canada meetings.

Cree Trappers Association

The CMEB formally invited representatives of the Cree Trappers Association (CTA) to establish direct links and communication channels between the two organizations. It was agreed to continue to further develop these links in the near future. The board attends CTA annual meeting events to present a conference concerning the CMEB and mining activities in Eeyou Istchee.

The CMEB is establishing a solid working relationship with the CTA; a direct result of information exchange and CMEB interventions in the field. The members of CTA believe that CMEB should play the role of liaison between the mining industry and the trappers. The Board facilitates communication and offers a source of information for Cree trappers and prospectors. This establishes harmony between hunting and fishing activities and exploration activities. The trapper is a good prospector who can conduct fieldwork in unexplored territories and can find mineralized rocks that could lead to future world class ore deposits.

Cree School Board

The CMEB hopes to participate in scientific education in all Cree communities by establishing a dynamic link with the Cree School Board. The objective of this kind of venture is to promote the geosciences to our younger generation. Presentations are given by the CMEB geologists in various CSB primary, secondary, and continuing education schools. The topics presented include the Earth Sciences, the environment, mineralogy, and mining. The purpose of the presentations is to popularize the sciences and to facilitate access to both the geological and mining domains.

4.11 PUBLIC SERVICES AND INTERVENTIONS OF THE CMEB

The CMEB made several interventions in the territory. Most of them concern requests by companies to have access to the Territory, to meet tallymen, to obtain different services and to hire

manpower. The CMEB is also in demand by junior companies, universities and research centers for logistics and expertise and is consulted in cases of misunderstandings between tallyman and companies. The CMEB is the first contact to guide the parties to a suitable agreement.

The CMEB is developing geological data and an information bank for the Crees and for the mining industry. All field work is systematically reported to the CMEB. The latter makes the non-confidential information available to the public.

The Cree Mineral Exploration Board is an intermediary to facilitate communication between the mining industry and the Cree and develops mineral resources training programs to build a network between trainees and training institutions.

5. A FIVE-YEAR BUDGET

The accounting firm Raymond Chabot Grant Thornton LLP does the bookkeeping and produces the financial statement for each fiscal year for the CMEB. These documents are annexed to the Activity Report.

Administrative and management expenses have been broken down into six categories, namely 1) Head Office and other office expenses; 2) Communications expenses; 3) Clerical and other support; 4) Technical support and expertise; 5) Board meetings and professional fees, and finally 6) Others and miscellaneous. All the expenses are best viewed in the light of the five-year work plan adopted by the CMEB. The amount for Year 1 includes an exceptional non recurrent expense related to the requirement of a vehicle for the Board and its Chief Geologists. The amounts for years 2, 3, 4 and 5 are indexed for a slight increase (5%) as a provision for cost of living and the requested services from the Board.

1) Office rent and expenses (\$40,000)

These include rent and general services for a Head Office location in Wemindji, covering not less than 200 square feet, and possibly other office spaces in other communities, as possibly required such as an information center or a regional office in Mistissini. Expenses

es also include general office supply, and hardware and software packs for general business and possibly technical, purposes.

These services are to be provided by a Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board. This Agreement factors in administration and benefit fees for the Cree Nation of Wemindji in the amount of 15% of the value of the service offered.

2) Costs of Communications (\$30 000)

These include expenses related to the use of phones, faxes, photocopies, and mostly and largely internet based communications, including web-based servicing to all communities. The costs therefore include expenses related to computer hardware and software acquisition, upgrading and maintenance.

These costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

3) Clerical and other support (\$60 000)

These include a permanent clerical position(s) at the Head Office, and part-time and/or contracted specific support tasks at the Head Office or at a subsidiary information or regional office. They include accounting, bookkeeping and auditing fees, including the provision of a financial statement at the fiscal year.

These costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

4) Chief geologist and technical expertise (\$140 000)

Based on the similar and comparable Nunavik Mineral Fund which began six years before the CMEB, a critical element of success and credibility lies in the hiring of a Chief Geologists, whose functions will be to coordinate the programs and assist the Board in all technical and professional matters. In addition, the Chief geologists, or the Board, may at

time request outside independent expertise either to assess, review or plan mineral exploration assistance.

The Board has proceeded to the hiring of such a Chief Geologist, following a public and open competition. The position has been offered to Dr Youcef Larbi, PhD from UQÀM. The amounts indicated include salary, premiums, benefits and lodging. A provision of 10% is internalized in that amount to request and purchase, at time, independent expert advices on a need and service basis. Lodging costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

5) Board Meetings and Professional Fees (\$80 000)

The Board is expected to hold an average of four meetings per year, at its Head Office or at any location deemed convenient. The amount indicated is based on that provision and an average of \$20k per meeting, based on 2002-2003 real costs for face-to-face meetings in Wemindji. Professional Fees are for senior consulting advices to the Board such as may provide from time to time by external experts in mineral resources development, professional training or environmental policy.

6) Other expenses (\$150 000)

Expenses included in this item are related to the day-to-day operations of the information offices, field and traveling expenses of the Chief Geologists and/or experts, and miscellaneous expenses not covered by specific items of the work plan.

**6. THE CREE MINERAL EXPLORATION BOARD FINANCIAL YEAR ENDING
MARCH 2017**

FUNDING FROM THE CNG AND MENR FOR CMEB'S OPERATION	CNG	MENR
2001-2002	\$300,000	\$300,000
2002-2003	\$300,000	\$300,000
2003-2004	\$300,000	\$300,000
2004-2005	\$300,000	\$300,000
2005-2006	\$320,000	\$300,000
2006-2007	\$320,000	\$300,000
2007-2008	\$320,000	\$300,000
2008-2009	\$320,000	\$300,000
2009-2010	\$500,000	\$300,000
2010-2011	\$500,000	\$300,000
2011-2012	\$500,000	\$300,000
2012-2013	\$500,000	\$300,000
2013-2014	\$500,000	\$300,000
2014-2015	\$500,000	\$300,000
2015-2016	\$500,000	\$300,000
2016-2017	\$500,000	\$300,000

ALLOCATION OF FUNDS FROM THE GOVERNMENT OF QUEBEC 2016-2017

RECIPIENT/PROJECT	\$ ALLOCATED
CMEB (a) Mistissini Prospecting Course and (b) Waskaganish and Washaw Sibi Prospecting Course	\$115,835
Resolution 1617-01 Suzanne Bourdon - Communications Plan for the Cree Mineral Exploration Board	\$10,000
Resolution 1617-02 Wemindji Exploration Inc. - Research and Grassroots Exploration on New Targets in Eeyou Istchee	\$45,900
Resolution 1617-03 Wemindji Exploration Inc. - Summer Exploration Works on Claims, 33C07 and 33C06	\$47,538
Resolution 1617-04 Larry Desgagné - Nicobi 2016	\$16,900
Resolution 1617-05 Nikamoon Mitchell and Robert Ratt - Mitchell Project Phase 2	\$8,200
Resolution 1617-06 Dennis Moar - Rawkzt Phase 2	\$5,800
Resolution 1617-08 Nimsken Corporation - 2016 Beep Mat Prospecting Project, Targets 32G07-A, B, C and 32G15-D and E	\$37,500
Resolution 1617-09 Natives Exploration Services - Prospecting and Follow-up on Targets 32G10-A, 32G11 and 32J01-C	\$50,000
Resolution 1617-12 Kenny Wapachee - Trapline M13 Exploration Project	\$9,100
Resolution 1617-13 William Fireman - Trapline CH16 Au-Cu Exploration Project	\$10,300
Resolution 1617-14 Nimsken Corporation - Barlow Extension East Project: MaxMin and Magnetometer Surveys NTS Area 32G15	\$12,450
Resolution 1617-21 Larry Desgagné - Nicobi 2017	\$7,945

Resolution 1617-22 Natives Exploration Services - Prospecting and Follow-up of the 29% Cu Atlas Showing, NTS 32G15	\$36,983
Resolution 1617-23 Larry Desgagné - Molly Drilling Project 2017	\$21,175
Resolution 1617-24 Marc Bouchard - Phoenix Project	\$13,000
Resolution 1617-25 Jonas Sheshamush - Whapmagoostui Trapline GW-01 Exploration Project	\$15,000

7. OVERVIEW OF THE FINANCIAL ASSISTANCE ALLOCATED TO PROJECTS SINCE 2002

FUNDS ALLOCATED FOR EXPLORATION PROJECTS SINCE 2002	\$ ALLOCATED
2016-2017	\$463,626
2015-2016	\$437,551
2014-2015	384,451
2013-2014	232,075
2012-2013	300,544
2011-2012	265,000
2010-2011	373,670
2009-2010	425,438
2008-2009	389,100
2007-2008	193,054
2006-2007	380,360
2005-2006	216,398
2004-2005	178,220
2002-2004	468,845

WEMINDJI EXPLORATION INC.	
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Agreement 2003-01 Initial Exploration Phase	113,587
Agreement 2003-02 Property Renewals	63,816
Agreement 2006-01 Lake Helen	25,000
Agreement 2006-03 Diamond Exploration Phase 2	60,000
Agreement 2006-05 Negotiations with Opinaca Mines Ltd-Goldcorp Inc.	175,000
Agreement 2006-08 Field Work including Geophysics Lake Astree	10,000
Agreement 2007-03 Complete Field Works on Wemindji Properties	25,000
Agreement 2008-01, Helen Lake Property Extensions	75,000
Agreement 2008-02 Diamond Exploration Project Phase 3	100,000
Agreement 2009-09 Wemindji Exploration 33 C, D, E, F and G	44,880
Agreement 2010-02 WEMEX Phase 2 Exploration Work	60,000
Agreement 2011-02 Wemindji Exploration Inc. JV Virginia Mines Inc.	37,500
Agreement 1112-10 Wemindji Exploration Inc. JV Virginia Mines Inc. Till and Au 2011	37,500
Agreement 2012-05 Project 3 Claims Block	50,000
Agreement 2012-06 Project JV Virginia Sampling	37,500
Resolution 1617-02 Research and Grassroots Exploration on New Targets In Eeyou Istchee	45,900
Resolution 1617-03 Summer Exploration Works on Claims, 33C07 and 33C06	47,538
CREE GOLD EXPLORATION INC.	
Agreement 2003-03 Perch River Copper	5,185
Agreement 2003-05 Mistissini Joint Venture	60,650
Agreement 2003-09 Assist in the Listing of Cree Gold	50,000
Agreement 2005-04 Mistissini JV Project 2005-2006	53,388
NIMSKEN INC.	
Agreement 2003-04 Oujé-Bougoumou NTS sheet 32J02 and 32J03	25,755

Agreement 2003-06 Work on the Michwacho Property	25,000
Agreement 2003-07 Beep Mat Surveys and Sampling	50,000
Agreement 2003-10 2003 Work on the Cummings Property	17,500
Agreement 2004-02 Beep Mat Surveys and Sampling	45,750
Agreement 2005-01 Work on the Michwacho Property	34,000
Agreement 2007-04 EX-In, Presentation on an Exploration Project	40,000
Agreement 2009-03 Nimsken, 32G02, 03	37,500
Agreement 2009-04 Nimsken, 32G06, 07	37,500
Agreement 2009-05 Nimsken, 32J05, 11 & 12	37,500
Agreement 2009-06 Nimsken/Soquem JV Cummings Properties	25,000
Agreement 2010-07 Nimsken Corp. 32J03, 04 and 32G14, 15	37,500
Agreement 2010-08 Nimsken Corp. 32G06,07,10 and 11	37,500
Agreement 2013-01 Nimsken Corp. 32G01, 07 and 08	37,500
Agreement 2013-02 Nimsken Corp. 32G01, 07 and 08	40,500
Agreement 1415-06 Nimsken Corporation Inc. - Opawica Project	31,500
Agreement 1415-07 Nimsken Corporation Inc. - Areas 32G02, 32G07 and 32G08	37,500
Agreement 1415-08 Nimsken Corporation Inc. - Areas 32I04, 32G13, 32G15 and 32J03 Project	37,500
Agreement 1415-13 Nimsken Corporation Inc. - Barlow East Project Geophysical Induced Polarization and Magnetometer Surveys, NTS Area 32G15	37,500
Agreement 2015-05 Nimsken Corporation Inc. - Opawica and Barlow East projects	31,733
Agreement 2015-12 Nimsken Corporation Inc. - Beep Mat Project	37,500
Agreement 2015-13 Nimsken Corporation Inc. - Diamond Drilling Barlow East Project	22,500
Agreement 2016-02 Nimsken Corporation Inc. -Chibougamau River Project	50,000
Agreement 2016-03 Nimsken Corporation Inc. - Barlow East DDH Project	19,500
Agreement 2016-02 Chibougamau River Project	50,000

Agreement 2016-03 Barlow East DDH Project	19,500
Resolution 1617-08 2016 Beep Mat Prospecting Project, Targets 32G07-A, B, C and 32G15-D and E	37,500
Resolution 1617-14 Barlow East Extension Project: MaxMin and Magnetometer Surveys NTS Area 32G15	12,450
NATIVES EXPLORATION SERVICES	
Agreement 1112-06 Natives Exploration Services	50,000
Agreement 1213-05 Natives Exploration Services Reg'd. - Arthur and Sam Bosum NTS Area 32G06	26,438
Agreement 1213-06 Natives Exploration Services Reg'd. - Arthur and Sam Bosum NTS Area 32G10	30,750
Agreement 1213-11 Natives Exploration Services Reg'd. - Reconnaissance Geological Mapping, Prospecting and Sampling on 3 claim blocks of the "New Claims" Group of Properties	50,000
Agreement 1213-12 Natives Exploration Services Reg'd. - Follow Up Sampling Program for 2012 as Part of our Joint Venture with Virginia Mines in James Bay	37,500
Agreement 1314-23 Natives Exploration Services Reg'd. - Mina Gold Project	19,575
Agreement 1415-12 Natives Exploration Services Reg'd. - Diamond Drilling Campaign NTS Area 32G11	30,000
Agreement 2015-03 Native Exploration Services Reg'd - Barlow North-East Project	21,090
Agreement 2015-04 Native Exploration Services Reg'd - Nemenjiche and Mina Gold projects	24,765
Agreement 2015-11 Native Exploration Services Reg'd - Mina Gold East Project	33,938
Resolution 1617-09 Prospecting and Follow-up on Targets 32G10-A, 32G11 and 32J01-C	50,000
Resolution 1617-22 Prospecting and Follow-up of the 29% Cu Atlas Showing, NTS 32G15	36,983
ENVIROCREE LTD.	
Agreement 1415-17 Mistassini Lake Picnic Areas Clean-up Project	5,000

MCV SERVICES	
Mining 101 and Basic Mineral Exploration Session 1, Chisasibi	23,000
Mining 101 and Basic Mineral Exploration Session 1, Whapmagoostui and Waskaganish	50,000
CREE NATION OF CHISASIBI	
Agreement 1314-14 Chisasibi Prospecting Course	16,000
CREE NATION OF MISTISSINI	
Agreement 2003-11 Basin Study Research Project Phase 2	30,500
Agreement 2004-01 Diamond Exploration Field Assistant Training Course	20,000
Agreement Cree Nation of Mistissini (Line cutting Grid)	19,500
Mistissini Funding Request Uranium Consultation	10,000
Mistissini - Safety Security 11-004, Copper Boulder Tracing Phase 3 and Washaw Sibi Training	120,000
CREE NATION OF WASWANIPI	
Agreement 2011-01 Mineral Exploration and Mining Activity Eeyou Istchee	10,000
Agreement 1314-12 Waswanipi Training Workshop, Introduction to Mineral Exploration and Mining 101, August 2013	10,000
Agreement 1314-13 Waswanipi Training, Introduction to GESTIM Plus: A mining title management system, August 2013	3,000
PROSPECTORS	
Assinica Lake Project	16,072
Agreement 2004-05 Baie à la Roche Rouge	10,245
Rale Project	11,800
Agreement 2005-02 Lake à l'eau Jaune Phase 2	11,100
Agreement 2005-03 Lake Assinica Phase II	17,550
Agreement 2005-06 Lake Assinica Phase III	8,485

Agreement 2006-02 JS Stromatolite Parts A and B	20,000
Agreement 2007-01 Almungo Project Phase 1	10,300
Agreement 2007-02 Kaychikwapichu Project Phase 1	10,060
Agreement 2008-03 Projet Nicobi Exploration	12,500
Agreement 2009-01 Larry Desgagné Nicobi 2	17,940
Agreement 2009-02 Larry Desgagné Windy Lake	5,675
Agreement 2009-07 Sam R. Bosum (32G-11)	25,500
Agreement 2009-08 Arthur Bosum (32G14)	28,800
Agreement 2010-03 Larry Desgagné Buteux Gold	11,940
Agreement 2010-04 Larry Desgagné Nicobi Phase 3	14,200
Agreement 2010-05 Sam Reggie Bosum 32G11	30,000
Agreement 2010-06 Arthur Albert Bosum 32G11	30,000
Agreement 1112-05 Larry Desgagné Buteux Phase 2	18,500
Agreement 1112-11 Terry-Charles Bearskin Black Bear (46.5 km LG-4)	25,000
Agreement 1213-09 Larry Desgagné Buteux Phase III	5,600
Agreement 1213-10 Larry Desgagné Ganthier Phase 1	19,400
Agreement 1213-14 Larry Desgagné Perch River #3	2,500
Agreement 1314-04 Larry Desgagné - Buteux Gold Phase 4 Project	17,575
Agreement 1314-05 Larry Desgagné - Copper Pointe Project	9,425
Agreement 1314-08 Jim MacLeod - Copper Stromatolite Project	23,000
Agreement 1314-10 Wayne Fireman - Virginia Claims Project	15,000
Agreement 1314-16 Jonathan Gunner - Stajan Project	12,000
Agreement 1314-20 Marc Bouchard - Win-Win Project 32G10, Lac à l'Eau Jaune	14,100
Agreement 1314-22 Sam R. Bosum - Nemenjiche Project	16,400
Agreement 1415-03 Christopher Quinn - Merrill Lake Project	30,000
Agreement 1415-04 Larry Desgagné - Moly Extension 2014 Project	9,855
Agreement 1415-05 Larry Desgagné - Copper Point Project	15,525
Agreement 1415-14 Dennis Moar and Teddy Ekomiak - Rawkz TD Project	9,700
Agreement 1415-15 Nikamoon Mitchell and Robert Ratt - Mitchell Project	12,600

Agreement 1415-16 Marc Bouchard - Lac à l'Eau Jaune Win-Win Project Phase 2	7,000
Agreement 1415-20 Dennis Moar - Utahunanis Project	4,400
Agreement 1415-21 Larry Desgagné - Copper Point Phase V Project	5,000
Agreement 2015-01 Dennis Moar - Utahunanis Project	4,400
Agreement 2015-02 Larry Desgagné - Copper Point Phase V Project	5,000
Agreement 2015-06 David John Peace - Brun Lake Project	10,300
Agreement 2015-07 Larry Desgagné - Fushite Gold Project	5,450
Agreement 2015-08 Larry Desgagné - Buteux Gold Project	18,550
Agreement 2015-09 Frederick Whiskeychan - River Allard Project	10,000
Agreement 2015-10 Kenny Wapachee - Trapline M-13 Project	9,000
Agreement 2015-14 Marc Bouchard - Win-Win Project	13,150
Agreement 2016-01 Larry Desgagné - Buteux Gold Project 2016 Phase VI Project	8,100
Resolution 1617-04 Larry Desgagné - Nicobi 2016	16,900
Resolution 1617-05 Nikamoon Mitchell and Robert Ratt - Mitchell Project Phase 2	8,200
Resolution 1617-06 Dennis Moar - Rawkzt Phase 2	5,800
Resolution 1617-12 Kenny Wapachee - Trapline M13 Exploration Project	9,100
Resolution 1617-13 William Fireman - Trapline CH16 Au-Cu Exploration Project	10,300
Resolution 1617-21 Larry Desgagné - Nicobi 2017	7,945
Resolution 1617-23 Larry Desgagné - Molly Drilling Project 2017	21,175
Resolution 1617-24 Marc Bouchard - Phoenix Project	13,000
Resolution 1617-25 Jonas Sheshamush - Whapmagoostui Trapline GW-01 Exploration	15,000
SPECIAL PROJECTS	
Agreement 2004-03 Study of a Cree Mining Investment Fund	39,575
Agreement 2005-05 Cree Mining Investment Fund Phase 2	31,125
Agreement 2006-04 Creation of study program in mineral exploration	40,000

Agreement 2006-07 Identification of abandoned exploration sites Phase 1	30,000
Elders Field visit of Uranium Mines in Saskatchewan	7,000
TJCM, Glaciofluvial Sampling Survey Sakami Moraine	15,000
Purchase of one Beep Mat	14,000
Agreement 1112-08 Jeremy Brown, New CMEB Website	2,775
Agreement 1112-17 Geo -touristic Map	9,700
Agreement 1112-20 Dissemination of information on Uranium - Sydon Consulting Inc.	58,450
Agreement 1213-21 Niskamoon Corp. - Natural environment Technology	20,000
Agreement 1213-23 MCV Services - Mining 101 and Basic Mineral Exploration Session 1, Chisasibi	23,000
Agreement 1213-24 MCV Services - Mining 101 and Basic Mineral Exploration Session 1, Whapmagoostui and Waskaganish	50,000
Agreement 1213-26 UQAM - An analysis of the mining development in North Quebec	5,000
Agreement 1213-28 Purchase of a vehicle	27,000
Agreement 1314-18 James Bay Advisory Committee on the Environment Workshop on the acquisition and dissemination of environmental and social knowledge	5,000
Agreement 1314-19 Maquata Eeyou School, Wemindji	1,500
Agreement 1314-21 Purchase of second Beep Mat	14,400
Cree Nation Bears AAA U-17 Girls Hockey Team Jackets	2,500
Sponsorship to Larry Desgagné to participate in a Vintage Snowmobile Race	500
Commercial Ad for the CMEB on Eeyou TV	3,500
2015 Prospecting Courses Mistissini, Nemaska and Eastmain	121,975
Cree Nation Bears AAA Girls Hockey Team Sponsorship	1,000
Sponsorship to Marc Bouchard for the Festival Du Doré registration	650
Resolution 1617-01 Suzanne Bourdon - Communications Plan for the Cree Mineral Exploration Board	10,000

CONFERENCES	
Agreement 2006-06 Sponsorship of the Learning Together	15,000
Agreement 2007-05 Sponsorship of the Learning Together	15,000
CAMA-Québec Exploration	12,500
Québec Exploration	17,500
Agreement 1112-02 Sponsorship of James Bay Mining Symposium	15,000
Agreement 1112-16 Sponsorship of Learning Together	15,000
INVESTMENT IN JUNIOR EXPLORATION COMPANIES ACTIVE IN EYOU ISTCHEE	
Niogold Inc.	35,000
Ressources d'Arienne Inc.	50,000
Nemaska Exploration Inc.	150,000
SIRIOS Resources Inc.	75,000
Eagle Hill Exploration Corp.	75,000
Geomega Resources Inc.	50,000
Metanor Resources Inc.	150,000
SIRIOS Resources Inc.	30,000
SIRIOS Resources Inc.	50,000

8. THE WORK PLAN 2017 – March 2018

Since The beginning of CMEB activities on 2003, the mining industry is on an increasing trend. This last year we observed a major decreasing in investment and exploration projects. CMEB has to face the new mining situation in Eeyou Istchee. The priority is the application of the five programs of the Cree Mineral Exploration Board as submitted to the Cree Regional Authority and the MERN. This includes the creation for project with low expenses usually handled by prospectors, the preparation of training programs and the creation of job opportunities within the exploration companies and mines in Eeyou Istchee; to keep informing the communities about mining activities on their traplines on regular basis; establishing communication and networking between the tallyman and the local authority and the mining industry, and helping Cree prospectors and companies develop exploration projects. *The CMEB will participate in improving the environmental aspect related to mining impacts and encourage environmentally safe mining activities; and will participate actively in the Plan Nord planning. The Crees want to develop mining in the context of Eeyou Istchee sustainable development; this has to be done appropriately to protect the environment and wildlife (Grand Chief Matthew Coon Come, Quebec Exploration Conference). In the same subject the CMEB's president Reggie Mark insists on the sustainable character of CMEB. The board members believe that we have to keep undertaking the best practices to succeed in Exploration projects realization. We are ameliorating our proper communication tools and insisting to consult at the very beginning. The process will benefit all parties concerned and a mutual understanding lead to sustainable development.*

Programs Development

- The CMEB has as objective to create a number of prospectors in each community. These trainees will be the go-to people for the community in terms of “what happens in mining exploration in the territories and in other places”. After Chisasibi, Wemindji, Waskaganish, Mistissini, Whapmagoostui, Eastmain, Nemaska, Washaw-Sibi and Waswanipi and finally Ouje-Bougoumou. We will conduct a new type of training in the **summer 2017. We will upgrade the prospectors knowledge and guide the Tallyman-Prospectors on the field.**
- As follow up to our prospectors program, CMEB will organize deux weeks training **update with our graduate trainees this summer 2017**, in three communities.
- Workshop (**mining 101**) for entrepreneurs in mining industry. This program helps Crees seeking opportunities in the mining industry learn about running private companies in mining services and establishing agreements.
- Continue collaborating with the CTA in Recognizing Metal Mineralization training for tallymen and trappers. **The CTA is the most important CMEB partner.**
- Continue collaborating with MERN in exchanging data and **visiting the MERN mapping camps with the CMEB trainees**. This improves the students' knowledge considerably. Many thanks for Ministère de l'Énergie et des Ressources naturelles.
- Training in Mineral Resources and Environment built in **collaboration with the CHRD, NISKAMOON, CSB, SDBJ and TJCM**. This is a technical level training program and the trainees are full time students or are on student summer jobs. The program in environmental sciences started in 2011 with the collaboration of the CMEB, NISKAMOON, CSB and le CÉGEP de St-Félicien.
- Two days open doors to keep prospectors up-to-date on new technology. This workshop will keep our prospectors in touch with the mining activities and with the new techniques and/or equipment. We offer this activity in all communities.

- Continue bringing out the new Category 1 land geo-touristic maps.
- Ameliorate the youth webpage on (CMEB.org) site, for. Educational materiel and attractive product for the youth will be presented.

New Training Mineral Exploration Project

New grassroots exploration, GIS and mapping training projects: the CMEB will carry out two projects in July 2016. The first one will be in the area of Waskaganish and WashawSibi, and the other one in the area of Mistissini. The projects are in preparation and are aimed at various commodities. The domain selection is based on the needs of the Crees and job opportunities in Eeyou Istchee. The field work is based on technical preparation and on data from previous geological compilation and from several known targets.

New prospecting project is in preparation with the team of junior prospectors from Waskaganish, Washaw Sibi and Mistissini with the collaboration of Sam Bosum, and Jim Macleod pioneer prospectors in the area of Chibougamau, all trained by the CMEB.

Accompanying New under grade student in Geology

CMEB is proud to be the mentor and the geo-scientific support for Norman Grant student at Lakehead University Campus Thunder Bay in Geology Program. CMEB will support him to attend Quebec Mine and the Cree mining Conference in the purpose to develop his knowledge and his own experience. He will have a direct support from the CMEB's Chief Geologist.

Activities

- Encourage Cree and none Cree companies to start new exploration projects.
- Organize several geology and Earth sciences activities for the Cree schools during the year visiting mines and mineral museums, and preparing la SEMAINE MINIÈRE event in April 2017 in schools in different communities.
- Encourage Cree prospectors and help them find new projects.

- Help new Cree prospectors trainees build prospecting projects.
- Finalize and update the ongoing Cree prospectors and Cree companies projects.
- Geological report and update geological maps in Eeyou Istchee, summer 2017.
- Mining activities report in Eeyou Istchee produced in November 2017.
- Continue to improve the CMEB website; create a web page to interest youth in mining and the environment before November 2017.
- Participate and be a partner in different promotion and information events. The CMEB is a faithful collaborator of Quebec Mine and “la Semaine Minière”, of the Canadian Aboriginal Mining Association, le Comité de Promotion du Nord and Subcommittee on exploration, **le Congrès de l'exploration minière du Québec**, and of **Cree Mining Conference** (as major member and promoter).
- Build the first public Cree exploration company by the Crees for the Crees. This Company will be listed on the stock market.
- CMEB continues working on the Cree Mining Exploration Table with the Cree Government and The Government of Quebec.
- For the 7th year CMEB is animating the Rock competition which is a success these last year we had 7 participants from all over Eeyou Istchee.
- The CMEB continues to award academic scholarships to secondary 5 students graduating from CSB schools.

Awareness and Geosciences

- Visits of information in the communities with the collaboration of the Cree School Board schools and participating in the internal events, and meeting the trappers and tallymen in partnership with the CTA.

- Participate in science fairs in the communities and continue presentations in schools.
- Update the guideline book for exploration companies already published on the CMEB website.
- Promote the CMEB via MERN, Cree Government, CTA, Comité de Promotion du Nord and the Secrétariat Autochtones.
- Promote Earth Sciences in class and on the field for youth in primary and secondary grades in April and May.
- Promoting Geology, mining and exploration in local Science and Career Fairs, the Canadian Aboriginal Mining Association, Exploration Québec, PDAC and Cree mining conference.
- Development of the website for the news related to the Earth Sciences.
- Compile scientific data taken during the summer mapping projects and mining data such as potential prospecting targets and agreements between the industry and the Crees.
- Develop a link to the CMEB website on the Cree entities, the MERN and the AEMQ websites.
- CMEB continually maintains and updates a database on mining and staking activities by companies and prospectors in Eeyou Istchee. This information will be published and updated on the CMEB website to ensure that tallymen and companies are well informed.

Conclusion

This Work plan, we attempt to provide the Board a numbers of recommendations for pursuing its objectives with regards to Training, Job Assistance and Prospecting projects. It may be useful to recall those objectives, as set forth in the CMEB Work Plan for 2011-2014, adopted at its 5th meeting, on May 15th 2011,

Training and Job assistance shall aim at a) promoting, initiating or supporting training programs and activities to increase the skills of native individuals at mineral exploration, and b) providing assistance to job development and placement, including monitoring and on-the-job training programs. The desired impact is, in the short term, to train individuals to the level of accessing the immediate job market in exploration, and in the mid-term, to provide ways to lead to higher education and more advanced skills in mineral or natural resources management.

These tasks include:

- *the development of new or the support of existing training initiative in collaboration with Emploi-Québec or other organization certified in the field*
- *establishing working relationships with organization capable of certifying the value of the training programs, especially MERN, and the Ordre des Géologues du Québec*
- *promote and support as much as possible training program which may lead to higher education, in collaboration with the Cree School Board, Cree Human Resources Development department, various Colleges, or the MELS*
- *ensure the collaboration and the consultation of the industry on the design of training programs*
- *monitor and disseminate information about job offers and attempt to forecast job demands in collaboration with the industry; set up appropriate instances and committees for that purpose.*

Recommendations

For Training and Job Creation:

- It is imperative that more people be trained for the various job opportunities to be had from mineral exploration on Cree territory. Business partnerships with mining companies will be an important reality in the close future which is linked to the Plan Nord. The

forward progress of exploration projects, especially in the Opinaca Reservoir, the Otish Mountains areas and along the Trans-Taiga road, will create job opportunities for members of all Cree communities.

- Consolidate and develop prospecting, blasting and drilling courses with interested, motivated and educated young women and men;
- Encourage training in the environmental sciences;
- Organize with Cégeps and universities a program concerning mineral resources and the environment for technicians and Bachelor degrees in mineral resources and the Earth sciences.

Because of their isolation, communication with and between the communities is difficult. We have to establish a regional information network find new trainees, new prospectors and post-secondary students in all communities willing to study the Earth sciences away from home. *The fibre-optic telecommunications recently installed between the communities will improve communication, facilitate training and increase the flow of information in our mineral resources domain.*

For Promotion:

The Cree Mineral Exploration Board continues to successfully promote Cree land mineral resources and raises awareness in Cree communities via schools and presentations in the communities. The CMEB helps prospectors develop their expertise. Concerning the new prospectors training program; the CMEB effectively delivers this program whenever needed. With reference to awareness, it is important to inform communities and Cree organizations about mining realities and avoid false expectations. Mining companies also benefit from any information concerning the needs in the Cree Territory for environmental protection, employment, and economic development.

Finally:

It is recommended that the Cree Mineral Exploration Board:

- Develops joint ventures with mining companies on advanced projects to share exploration costs;
- Each member of Cree Mineral Exploration board will promote the services of CMEB to the Crees. The Crees need to know more about the CMEB. This will facilitate the access to all the information about mining and its related jobs in Eeyou Istchee.
- Emphasizes grassroots exploration projects from the standpoint of offering more material for exploration and exploitation, and bring new companies to Eeyou Istchee;
- Develops partnerships with the MERN resident geologists to generate new projects;
- With reference to the Autonomous Prospectors Program - the CMEB is working closely with the prospectors in the development of their exploration projects by supplying knowledge in geology and business and report-writing services;
- Continues to work with the Cree School Board students and promote the Earth sciences;
- Continues to inform Cree organizations and the mining companies about the activities of the CMEB;
- Advises the communities in mining investment and be part of this big activity in Eeyou Istchee;
- Maintains the North-South mining network;
- Generates new detailed geological data in Eeyou Istchee: the CMEB collaborates with Quebec Government in mapping uncharted Cree territory. This increases the mineral potential value and improves the geological database of the territory and of northern Quebec. In addition, the CMEB collaborates with quaternary expertise organizations, such as the Université du Québec en Abitibi-Témiscamingue. This allows access to data

on both glacial movement and mineral dispersion. The Board will study all comprehensive proposals within the parameters of this recommendation.

REMINDER: The five-year budget

Administrative and management expenses have been broken down into six categories, namely 1) Head Office and other office expenses; 2) Communications expenses; 3) Clerical and other support; 4) Technical support and expertise; 5) Board meetings and professional fees, and finally 6) Others and miscellaneous. All the expenses are best viewed in the light of the five-year work plan adopted by the CMEB. The amount for Year 1 includes an exceptional non recurrent expense related to the requirement of a vehicle for the Board and its Chief Geologists. The amounts for years 2, 3, 4 and 5 are indexed for a slight increase (5%) as a provision for cost of living and the requested services from the Board.

1) Office rent and expenses (\$40,000)

These include rent and general services for a Head Office location in Wemindji, covering not less than 200 square feet, and possibly other office spaces in other communities, as possibly required for an information center or a regional office in Mistissini. Expenses also include general office supply, and hardware and software packs for general business and possibly technical, purposes.

These services are to be provided by a Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board. This Agreement factors in administration and benefit fees for the Cree Nation of Wemindji in the amount of 15% of the value of the service offered.

A regional office space may eventually be contracted out with the Cree Natural Resources Center, located in Mistissini and provisions for that purpose are included generally.

2) Costs of Communications (\$30 000)

These include expenses related to the use of phones, faxes, photocopies, and mostly and largely internet based communications, including web-based servicing to all communities. The costs therefore include expenses related to computer hardware and software acquisition, upgrading and maintenance.

These costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

3) Clerical and other support (\$60 000)

These include a permanent clerical position(s) at the Head Office, and part-time and/or contracted specific support tasks at the Head Office or at a subsidiary information or regional office. They include accounting, bookkeeping and auditing fees, including the provision of a financial statement at the fiscal year.

These costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

4) Chief geologist and technical expertise (\$140 000)

Based on the similar and comparable Nunavik Mineral Fund which has been in existence for six years before CMEB, a critical element of success and credibility lies in the hiring of a Chief Geologists, whose functions will be to coordinate the programs and assist the Board in all technical and professional matters. In addition, the Chief geologists, or the Board, may at time request outside independent expertise either to assess, review or plan mineral exploration assistance.

The Board has proceeded to the hiring of such a Chief Geologist, following a public and open competition. The position has been offered to Dr Youcef Larbi, PhD from UQÀM. The amounts indicated include salary, premiums, benefits and lodging. A provision of

10% is internalized in that amount to request and purchase, at time, independent expert advices on a need and service basis.

Lodging costs are to be included partly within the Service Agreement between the Cree Nation of Wemindji and the Cree Mineral Exploration Board.

5) Board Meetings and Professional Fees (\$80 000)

The Board is expected to hold an average of four meetings per year, at its Head Office or at any location deemed convenient. The amount indicated is based on that provision and an average of \$20k per meeting, based on 2002-2003 real costs for face-to-face meetings in Wemindji.

Professional Fees are for senior consulting advices to the Board such as may provide from time to time by external experts in mineral resources development, professional training or environmental policy.

6) Other expenses (\$150 000)

Expenses included in this item are related to the day-to-day operations of the information offices, field and traveling expenses of the Chief Geologists and/or experts, and miscellaneous expenses not covered by specific items of the work plan