

Request for Decision City Council



Type of Decision

Meeting Date	January 11, 2005				Report Date	November 1, 2005			
Decision Requested	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>	Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open	<input type="checkbox"/>	Closed

Report Title

Mining Leadership Team Secretariat at Laurentian University

Policy Implication + Budget Impact

☒ This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.

This recommendation provides \$50,000 in financial support, over a three year period, for the Mining Leadership Team Secretariat at Laurentian University. In the current year, \$16,668 would be advanced, leaving an uncommitted balance of \$396,093 in the 2005 Capital Envelope for future projects. The 2006 and 2007 Economic Development Capital Envelopes are scheduled to receive allocations of \$584,770 and \$589,470 respectively. Funding commitments of \$138,100 for other approved projects have already been earmarked against these capital envelopes. This recommendation provides further funding commitments of \$16,666 in each of 2006 and 2007 to Laurentian University to complete the financial support for this project in the second and third years.

Background Attached

Recommendation

Whereas, the GSDC Board of Directors has recommended support of Laurentian University's request to establish a Mining Leadership Team Secretariat in order to increase economic development and education related to the mining sector,

Therefore, be it resolved that the Council of the City of Greater Sudbury support Laurentian University in the amount of \$50,000 spread over the next three fiscal years and that this support be allocated out of the Economic Development Capital Envelope.

Recommendation Continued

Recommended by the Department Head

Doug Nadorozny, General Manager
Growth and Development Department

Recommended by the C.A.O.

Mark Miato
Chief Administrative Officer

Date: November 1, 2005

Report Prepared By



Helen Mulc
Manager, Business Development

Division Review

Doug Nadorozny
General Manager, Growth & Development

Laurentian University established a Mining Leadership Team in 2004 to coordinate the University's development in mining related areas as well as coordinate the University's relationship with the emerging Centre of Excellence in Mining Innovation (CEMI) being promoted by the Ontario Mineral Industry Cluster (OMICC) and various stakeholders.

The Laurentian University Mining Leadership Team has explored means to assist and accelerate the implementation of an aggressive mining research growth strategy at Laurentian University. The university has identified the creation of a Laurentian Mining Leadership Team Secretariat and the appointment of a Director to accelerate mining research growth as critical to the strategy. This Director and Secretariat will be expected to function as Laurentian's point of contact for mining research as well as lead the implementation of an aggressive mining research growth strategy.

The key functions of the Director and Secretariat are as follows:

- Mining-related communication, public relations, networking, lobbying, marketing;
- Point of contact with Ontario Mineral Industry Cluster (OMICC) and Government agencies for the development of Centre of Excellence in Mining Innovation (CEMI);
- Generate funding for collaborative, interdisciplinary research programs;
- Support technology transfer to the Mining Supply and Services sector, especially in the existing Sudbury cluster;
- Plan and implement "mining show case";
- Market mining-related Ph.D. programs, attract highly qualified students; establish a Mining Ph.D. program marketing group;
- To develop and implement a common strategy for mining-related Ph.D. program promotion (press releases; aggressive promotion plan; admissions procedures, scholarships);
- Invite industry representatives to advise on future directions and needs of industry in mining education and research; and
- Showcase major contributions to and achievements in mining; feature internal and external individuals that made significant contributions (awards; lecture series; giving special consideration to young achievers).

Laurentian University's vision related to mining is ***"to become the national centre of excellence in mining innovation - education, research, technology, and commercialization - by energetically building on acknowledged strengths in mineral exploration, mining engineering, robotics, and environmental sciences."***

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This vision builds on the approach to develop mining research capacity, research excellence and related undergraduate and graduate education programs.

Laurentian University hosts 6 Canadian Research Chairs, 9 Mining Research Centres, 7 mining-related graduate programs at the M.Eng., M.Sc., and Ph.D. level, and generates on average \$3.3 million dollars in research grants and contracts per year, thereby creating 100 high level research positions in Sudbury.

This research capability has positioned Laurentian University as a leading university-based mining research institution. This group of research leaders and educators brings expertise to the North that will assist the Ontario Mineral Industry Cluster (OMICC) Initiative to build on a sound base of fundamental and applied knowledge, a key factor in the continued development of any industrial cluster.

Laurentian's research capacity addresses the entire mining business: mineral exploration and economics, mine planning, design and operation, mining technology, mineral processing, and environmental stewardship with re-mediation and mine closure.

A primary goal of the Laurentian Mining Leadership Team is to establish Greater Sudbury as a Centre of Mining Research Excellence by attracting funding to the North for facilities and human resources, by creating synergies, by creating a critical mass, and by fostering innovation and commercialization.

In order to develop the Mining Leadership Team and retain a director, Laurentian University has requested financial support over a three-year period. The Director will represent Laurentian University and the Mining Leadership Team. The Director will be the principal spokesperson and will be responsible for presenting the vision and interests of Laurentian University to OMICC, to the CEO and Board of Directors of the new Centre of Mining Excellence, and to industry, government and university stakeholders.

The Mining Leadership Team (MLT) Director's primary mandate is as follows:

- To show leadership by making a regional vision for mining excellence a reality;
- To present and promote Laurentian University and the MLT's vision in the design and implementation of a Centre in Mining Excellence;
- To ensure that MLT's interests are understood by all stakeholders;
- To strengthen mining-related R&D initiatives across the board from exploration to engineering, to mining technology to mine closure (rehabilitation); and
- To make Laurentian University the Centre of Mining Research, Education and Training.

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The key functions of the Director are:

- To raise the visibility of Laurentian University and its "Mining Vision" to industry, government and university stakeholders (across the province and nationally);
- To ensure that Laurentian University's mining related research centres are the "lead organizations" in the Centre of Mining Excellence;
- Provide advice to the MLT executive and senior LU administrators (VP's, President);
- Build a strong coalition within Laurentian and mobilize the university's resources to attract more resources, funding and students; and
- New partnerships, collaborators, funding and research projects.

The Director will report directly to the President of Laurentian University and work with the Mining Leadership Team as well as the Executive Team.

Project Costs (three year period)

Item	Cash	Total
Project Administration and Clerical Support	\$90,000	\$90,000
Director of Mining Initiatives	\$230,000	\$230,000
Professional/Technical Services	\$60,000	\$60,000
Promotion	\$60,000	\$60,000
Telephone/Fax/Mail/Office Supplies/Printing	\$20,000	\$20,000
Transportation	\$40,000	\$40,000
TOTAL	\$500,000	\$500,000

Cost Sharing (Proposed)

Cash

Partner	Item	Contribution
Laurentian University	Cash Support	\$200,000
Federal Government	Cash Support	\$250,000
City of Greater Sudbury	Cash Support	\$50,000
TOTAL	Cash Support	\$500,000

Laurentian University has experienced growth in its mining research capability and as a result has been internationally recognized. The development of several doctoral level programs in mining related fields has illustrated this commitment.

Provincial initiatives such as OMICC and the proposal for a Centre of Excellence in Mining Innovation are looked upon as key in the continued development of the mining sector in the Sudbury Region.

By attracting and retaining highly qualified personnel, these initiatives are expected to create well paying jobs for skilled knowledge workers in Northern Ontario. Further, the research undertaken is expected to commercialize through business opportunities and economic benefits to the Region.

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Laurentian University has positioned itself to play an important role in the strengthening of the mining cluster in Northern Ontario, centered in Greater Sudbury. The creation of a Mining Leadership Team Secretariat and the hiring of a Director will enhance Laurentian University's ability to maximize its potential in the field of mining research and education.

Council's approval of this request is required in order to advance the funds. The funding recommended is provided by the 2005 Economic Development Capital Envelope.

The 2006 and 2007 Economic Development Capital Envelopes are scheduled to receive allocations of \$584,770 and \$589,470 respectively. Funding commitments of \$138,100 for other approved projects have already been earmarked against these capital envelopes. This recommendation provides further funding commitments of \$16,666 in each of 2006 and 2007 to Laurentian University to complete the financial support for this project in the second and third years