

AGENDA FOR THE REGULAR FINANCE / POLICY COMMITTEE OF THE WHOLE MEETING
TO BE HELD IN THE BOARD ROOM, CITY HALL,
ON MONDAY, 2010-NOV-15, COMMENCING AT 4:30 P.M.

1. **CALL THE REGULAR FINANCE / POLICY COMMITTEE OF THE WHOLE MEETING TO ORDER:**
2. **INTRODUCTION OF LATE ITEMS:**
3. **ADOPTION OF AGENDA:**
4. **ADOPTION OF MINUTES:**
 - (a) Minutes of the Regular Finance / Policy Committee of the Whole Meeting held in the Board Room, City Hall, on Monday, 2010-OCT-18 at 4:32 p.m. *Pg. 3-5*
5. **PRESENTATIONS:**
 - (a) Mr. Brian E. Clemens, Director of Finance, re: 2011 – 2015 Financial Plan.
6. **DELEGATIONS PERTAINING TO AGENDA ITEMS: (10 MINUTES)**
7. **COMMISSION REPORTS:**
8. **COMMITTEE REPORTS:**
9. **STAFF REPORTS: *(blue)***
CORPORATE SERVICES:
 - (a) **2011 – 2015 Financial Plan**
[Note: Report to be distributed at the meeting.]

COMMUNITY SERVICES:

(b) Cilaire Subdivision Streetlights

Pg. 6-7

Staff's Recommendations: That:

1. *Council authorize the purchase and installation of Cyclone Domia style decorative streetlights in the Cilaire subdivision provided that the majority of property owners representing a majority of the assessed values of the 206 properties sign a petition to contribute \$425 per lot to cover the additional cost to the City;*

AND:

2. *if the petition does not include support of the majority of property owners representing the majority of the assessed values, the City will install standard Cobra head streetlights with a shortened (7.5 metre) pole at no extra cost to the property owners.*

10. **INFORMATION ONLY ITEMS:**

11. **CORRESPONDENCE:**

- (a) Letter dated 2010-NOV-01 from Dr. Lyn Anglin, PhD, PGeo, President and CEO, Geoscience BC, requesting a letter of support from Council regarding the "Data for Discovery" initiative, to stimulate mineral exploration investment and support energy development in BC.

Pg. 8-12

12. **NOTICE OF MOTION:**

13. **OTHER BUSINESS:**

14. **DELEGATIONS PERTAINING TO ITEMS NOT ON THE AGENDA:
(10 MINUTES)**

- (a) None.

15. **QUESTION PERIOD: (Agenda Items Only)**

16. **PROCEDURAL MOTION:**

It is moved and seconded that the following meeting be closed in order to deal with the following matters under the *Community Charter* Section 90(1):

- (b) personal information about an identifiable individual who is being considered for a municipal award or honour, or who has offered to provide a gift to the municipality on condition of anonymity;
- (i) the receipt of advice that is subject to solicitor-client privilege, including communications necessary for that purpose.

MINUTES OF THE REGULAR FINANCE / POLICY COMMITTEE OF THE WHOLE MEETING
HELD IN THE BOARD ROOM, CITY HALL,
ON MONDAY, 2010-OCT-18 COMMENCING AT 4:32 P.M.

PRESENT: Mayor J. R. Ruttan, Chair

Members: Councillor W. L. Bestwick
Councillor W. J. Holdom
Councillor D. K. Johnstone
Councillor J. A. Kipp
Councillor J. F. K. Pattje
Councillor L. J. Sherry
Councillor M. W. Unger

Absent: Councillor L. D. McNabb

Staff: A. C. Kenning, City Manager
A. W. Laidlaw, General Manager of Community Services
E. C. Swabey, General Manager of Community Safety and Development
B. E. Clemens, Director of Finance
T. L. Hartley, Director of Human Resources and Organizational Planning
A. J. Tucker, Director of Planning
T. M. Hickey, Director of Engineering and Public Works
T. P. Seward, Director of Development
J. Holm, Manager of Current Planning
B. Sims, Manager of Water Resources
R. J. Harding, Director of Parks, Recreation and Culture
J. E. Harrison, Manager of Legislative Services
T. Wilkinson, Recording Secretary

1. CALL THE OPEN MEETING TO ORDER:

The Regular Finance / Policy Committee of the Whole Meeting was called to order at 4:32 p.m.

2. ADOPTION OF AGENDA:

It was moved and seconded that the Agenda be adopted. The motion carried unanimously.

3. ADOPTION OF MINUTES:

It was moved and seconded that the Minutes of the Regular Finance / Policy Committee of the Whole Meeting held in the Board Room, City Hall on Monday, 2010-AUG-16 at 4:30 p.m. be adopted as circulated. The motion carried unanimously.

It was moved and seconded that the Minutes of the Special Open Finance / Policy Committee of the Whole Meeting held in the Board Room, City Hall on Monday, 2010-AUG-30 at 4:00 p.m. be adopted as circulated. The motion carried unanimously.

4. PROCLAMATIONS:

- (a) That 12:00 – 1:00 p.m. on 2010-OCT-22 is "POWER DOWN NANAIMO HOUR" in the City of Nanaimo.

5. COMMISSION REPORTS:

- (a) Parks, Recreation and Culture Commission – Cultural Committee Mandate and Objectives
-

It was moved and seconded that Council:

1. extend the current Cultural Committee appointments, excluding elected officials, until 2012-MAR-31;
2. approve the following new criteria and process for appointments to the Cultural Committee:

Consideration will be given to applicants who:

- (a) are residents of Nanaimo;
- (b) have extensive experience as a creative professional, professional arts administrator, volunteer or other related experience in an arts and/or cultural field; and,
- (c) have a broad interest, understanding and commitment to cultural planning and development in Nanaimo.

Applications will be reviewed by the PRCC with appointments made at the inaugural meeting of the PRCC (first meeting following April 1st).

3. adopt the revised Cultural Committee Terms of Reference; and,
4. direct Staff to draft an amendment to "PARKS, RECREATION AND CULTURE COMMISSION BYLAW 2006 NO. 7020" to set the inaugural meeting to 7:00 p.m. on the fourth Wednesday of April following the Municipal election.

The motion carried.

Opposed: Councillor Kipp

- (b) Minutes of the Nanaimo Athletic Commission Meeting held 2010-MAY-19

It was moved and seconded that Council receive the Minutes of the Nanaimo Athletic Commission Meeting held 2010-MAY-19. The motion carried unanimously.

6. STAFF REPORTS:

COMMUNITY SAFETY AND DEVELOPMENT:

(a) Amendments to Sign Bylaw – Real Estate and Construction Signs

It was moved and seconded that Council direct Staff to bring forward amendments to "SIGN BYLAW 1987 NO. 2850" regarding real estate and construction signs, as outlined in the proposed amendments, to the 2010-NOV-08 Council Meeting. The motion carried unanimously.

CORPORATE SERVICES:

(b) Key Date Calendar for 2011

It was moved and seconded that Council adopt the Key Date Calendar and Acting Mayor Schedule for 2011. The motion carried unanimously.

COMMUNITY SERVICES:

(c) Nanaimo River Road – Flush-Out Relocation

It was moved and seconded that Council reallocate \$125,000 in the 2010 Water Supply budget to relocate two water supply main flush-outs as part of a cost-share effort with Couverdon. The motion carried unanimously.

7. PROCEDURAL MOTION:

It is moved and seconded that the following meeting be closed in order to deal with the following matters under the *Community Charter* Section 90(1):

- (e) the acquisition, disposition or expropriation of land or improvements, if the Council considers that disclosure might reasonably be expected to harm the interests of the municipality.

The motion carried unanimously.

8. ADJOURNMENT:

It was moved and seconded at 5:15 p.m. that the meeting terminate. The motion carried unanimously.

CHAIR

CERTIFIED CORRECT:

MANAGER,
LEGISLATIVE SERVICES

STAFF REPORT

REPORT TO: TOM HICKEY, DIRECTOR, ENGINEERING & PUBLIC WORKS

FROM: TOM KRAFT, MANAGER, ENGINEERING PROJECTS

RE: CILAIRE SUBDIVISION STREETLIGHTS

Council
☒ Committee
☒ Open Meeting
☒ In-Camera Meeting
Meeting Date: 2010-Nov-15

STAFF'S RECOMMENDATION:

That Council authorize the purchase and installation of Cyclone Domia style decorative streetlights in the Cilaire subdivision provided that the majority of property owners representing a majority of the assessed values of the 206 properties sign a petition to contribute \$425 per lot to cover the additional cost to the City; and further,

That if the petition does not include support of the majority of property owners representing the majority of the assessed values, the City will install standard Cobra head streetlights with a shortened (7.5 meter) pole at no extra cost to the property owners.

EXECUTIVE SUMMARY:

In August 2010, Engineering staff received a petition from the Cilaire residents requesting an alternate streetlight style from the proposed City of Nanaimo standard, 9.1m (30') high, Cobra Head style. The petition was signed by 148 of a total 206 residents (71.8%). City Council also received several e-mails from the residents on this issue. At the 16-Aug-2010 Council meeting staff provided an information update. Council provided direction that there be no additional cost to taxpayers for alternate street lighting. A working group composed of staff, an electrical consultant and three residents was then formed to look at alternatives and take suggestions back to the neighbourhood.

After exploring several options, the Cyclone Domia style was recommended by the residents on the working group. It is a decorative lamp with a 6.8m (22.3') pole that preserves "the aesthetics of the neighbourhood". The lighting system would be designed to a lower lighting standard for local roads than that given in the current City of Nanaimo standards but would follow those set out in the Transportation Association of Canada (TAC) Guide for the Design of Roadway Lighting.

Subject to Council's direction, staff will send out a formal petition with an information package. The petition will ask the property owners in Cilaire to indicate their support of an alternate streetlight proposal at an additional cost of \$425 per lot to the property owners. Also, an Information Open House for Cilaire residents will be held after they receive the petition letter. For the petition to be sufficient, at least 50% of the 206 properties representing at least 50% of the assessed values must support the petition.

Residents will be informed that if the formal petition does not pass, the City of Nanaimo's standard Cobra Head style light with a shorter (7.5m) pole will be installed to the same lighting standard as the Cyclone Domia at no extra charge to the residents.

BACKGROUND:

As part of the investigation for infrastructure repairs to the Cilaire Subdivision for 2011 and 2012, the streetlights were assessed and found to be in need of replacement. The existing lights are deteriorating and do not meet current standards. City of Nanaimo staff determined replacement of the existing forty-four (44) lights with sixty-four (64) of the City's standard

lighting, Flat Glass Cobra Head style, would be the least expensive and most cost and energy efficient.

Engineering staff held an open house in June of this year to ascertain the opinion of the Cilaire residents concerning the proposed lighting. Subsequently, a petition was received from the neighbourhood.

The Cilaire residents identified a number of concerns with the proposed streetlight design. These issues included:

1. the aesthetics of the Cobra Head vs. the existing decorative post top style.
2. the increase in the height of the poles from 6.8m (22.3') to 9.1m (30').
3. an increase in the number of lights from the existing forty-four (44) to sixty-four (64).

A working group composed of staff, an electrical consultant and three residents was formed to look at alternatives and take suggestions back to the neighbourhood.

The Cyclone Domia, chosen by the working group, is a decorative light that addresses most of the residents' concerns. Although not on the City of Nanaimo Approved Products List, the Domia is a quality product comparable with other approved ornamental streetlight products. The Domia style recommended is similar to the new lights in Maffeo Sutton Park. The height of the Domia is the same as existing lights in Cilaire. The Domia is "dark skies" friendly; it has a covered shade which directs light downward and prevents upward glare.

Because the existing lights do not meet current lumination standards, any new design will require more lights.

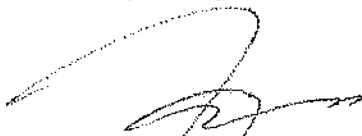
The capital costs for the Domia style light (approx. \$400,000) are higher than the original cost estimate for the proposed standard lighting (approx. \$313,000). The working group recommends that the cost between the original estimate and the Domia estimate be divided among the residents for a one-time cost of \$425 per lot.

Staff has some concerns regarding added operation and maintenance costs with the decorative style lighting. The Domia lights will require repainting every 15 years. In future, parts may be harder and more expensive to get. These lights will incur an additional operation and maintenance cost of approximately \$71,000 (present value) over the 50 year life cycle of the system. The working group has requested that the additional maintenance costs be absorbed by the City of Nanaimo.

Installing these lights in Cilaire may give rise to more requests for installations of similar streetlights in other areas of the City.

If the cost share is not passed by the neighbourhood, the working group recommends that the standard Cobra Heads be installed with a shorter 7.5m (25') pole at no extra cost to the residents.

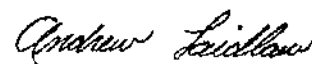
Respectfully submitted,



Tom Moscrip
Senior Manager, Eng.



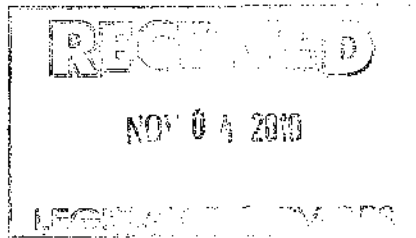
Tom Hickey, Director,
Engineering & Public Works



AW Laidlaw, General Manager
Community Services

Mayor John Ruttan
City of Nanaimo
455 Wallace Street
Nanaimo, BC V9R 5J6

November 1, 2010



Dear Mayor Ruttan:

Re: Geoscience: The Roadmap to Economic Strength - "Data for Discovery"


It is my pleasure to write to you today to inform you about an important new initiative aimed at increasing economic activity in British Columbia. The Province has a rich endowment of mineral and natural gas resources. However, there is a need for ongoing exploration and development of these resources to replace those that are produced and to maintain the employment and other important economic contributions that these sectors make to the BC economy.

The generation and marketing of high quality, readily accessible, geoscience information is integral to encouraging exploration investment and resource development in BC, and keeping the Province competitive in the global resource marketplace. For the last five years, Geoscience BC (GBC) has been effectively delivering on its mandate to attract investment to BC in mineral and oil and gas exploration and development. The attached brochure provides an overview of the importance of geoscience investment to the Province and outlines a few of GBC's successes.

The new "*Data for Discovery*" initiative outlined in the brochure is a proposed five-year program designed to continue GBC's work to stimulate mineral exploration investment and support energy development in BC. This initiative aims to position the province as a preferred global destination for resource exploration and development capital. The "*Data for Discovery*" initiative will be primarily focussed on providing high quality minerals geoscience information in under-explored areas of BC and supporting collaborative studies of water resources in northeast BC related to shale gas development.

"*Data for Discovery*" builds on GBC's success over the past five years and will deliver programs that provide sustained economic and social benefits to communities across the province. The "*Data for Discovery*" initiative will require a \$10 million annual investment from the Province over the next five years.

We respectfully request that you consider lending your support to "*Data for Discovery*" by writing letters to Ministers Pat Bell, Bill Bennett and Randy Hawes encouraging them to support the program. The support of BC communities is critical to our ability to continue delivering innovative programs that encourage exploration discovery and sustainable development of new mineral and energy resources in the Province.

Sincerely, 

Dr. Lyn Anglin, PhD, PGeo
President and CEO, Geoscience BC

☐ Council
☒ Committee EIP/CLW
☒ Open Meeting
☐ In-Camera Meeting
Meeting Date: 2010-NOV-15

cc. Geoscience BC Board of Directors

Geoscience: The Roadmap to Economic Strength

Geoscience or study of the earth involves the collection of scientific data, which may be used to identify and assess mineral, petroleum, geothermal and water resources, while also aiding other land use, natural hazard, and environment decisions.



Photo courtesy of Sander Geophysics Ltd.

British Columbia has a rich endowment of energy resources and high mineral potential, together with a vibrant exploration sector. For decades, mineral exploration, mining, oil and gas production have been key drivers of the provincial economy.

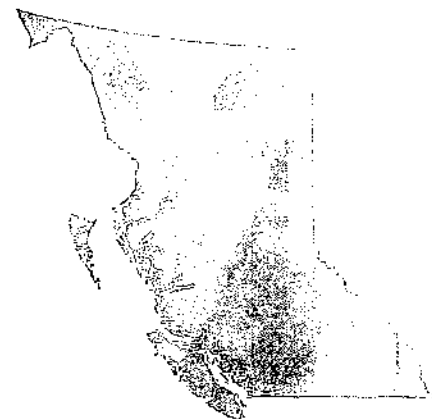
In 2009, BC's mining industry generated approximately \$6 billion¹ in total sales value. This activity creates high-paying jobs for more than 13,000^{2,3} people in mineral exploration and mining and provides \$292 million⁴ in payments to the provincial government. Mineral exploration alone creates more than 2,700³ jobs annually in areas surrounding more than 30 communities across the Province. In those same communities, exploration companies spent more than \$154 million³ looking for minerals suitable for production.

The province's oil and gas sector generated approximately \$4 billion³ in total sales value in 2009, providing \$1.4 billion³ in revenue to the Province of BC, accounting for over 50 per cent of BC's total resource revenue. BC's natural gas and petroleum industry provides direct employment for

more than 20,000⁵ people in northern BC communities. Workers in natural gas and petroleum extraction and mining earn some of the highest wages in the province.

The foundation of a healthy resource industry is exploration, which ultimately leads to discovery, new mines, oil and gas production, jobs and a robust economy. To ensure high levels of investment in grassroots mineral exploration and orderly development of energy resources over an extended period of time, BC needs high quality, readily accessible, new geoscience information to be competitive in a global marketplace.

Geoscience opens up new areas for development. A continually expanding knowledge base of geoscience data helps develop clusters of economic activity in support of exploration, mining and oil and gas extraction, attracting talent and helping government make more informed decisions on public investment in infrastructure. Funding geoscience is a sustainable investment in BC's future.



"Geoscience maps and data continue to underpin mineral exploration, just as basic infrastructure supports mine development and the economy as a whole. BC is and should remain a global leader in modern geoscience – geology, geophysics and geochemistry, the tools that explorationists use to make new discoveries to sustain our industry and our Province."

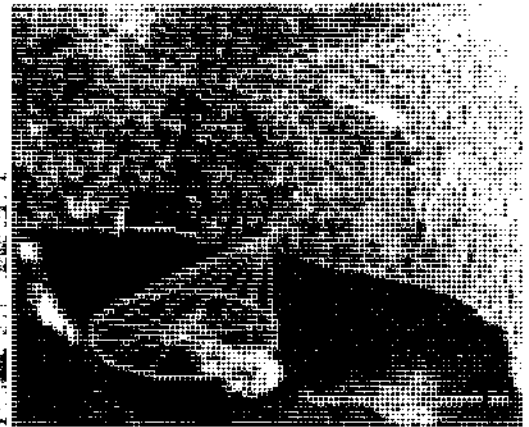
Dr. Norman Keevil,
Chairman, Teck Resources

"Up-to-date geoscience data is the foundation for a strong, vibrant mining and oil and gas industry that delivers high-paying jobs, and supports a healthy and sustainable economy in British Columbia."

Dan Miller, former Premier
of British Columbia

1 Natural Resources Canada
2 PricewaterhouseCoopers
3 BC Ministry of Energy, Mines and Petroleum Resources
4 BC Ministry of Finance
5 WorkSafe BC

Geoscience BC



Geoscience BC: A Sustainable Investment in BC's Future

As part of its commitment to the resource sector, the BC government created Geoscience BC (GBC), a non-profit organization, in 2005 through a \$25 million provincial investment to aggressively encourage mineral and oil and gas exploration investment in BC. Original funding was targeted to mineral geoscience (\$20 million) and oil and gas geoscience (\$5 million). In 2008, the provincial government provided an additional \$11.7 million to support mineral geoscience and exploration investment in pine beetle affected areas of the province (\$6 million) and for oil and gas geoscience in northeast BC (\$5.7 million). GBC's collection, interpretation and marketing of geoscience data and expertise in partnership with

industry, academia, government, First Nations, and communities has been a key component of encouraging resource exploration investment and activity throughout the province.

Over the last five years, GBC has undertaken a number of major regional projects using a combination of geoscience techniques including:

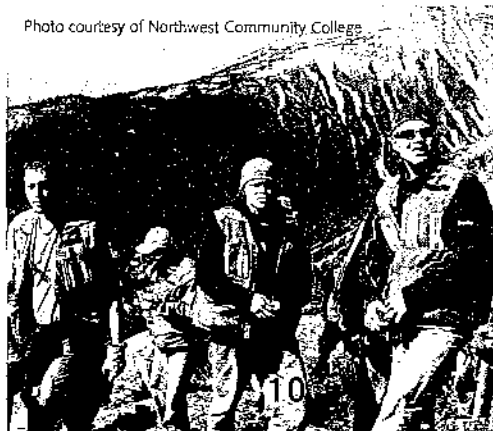
- The QUEST series of projects, which combine geophysical and geochemical surveys over large areas of central BC (over 40,000 square kilometres each), to help the mineral exploration industry better understand the geology and potential of the region and guide their exploration programs.

- The Nechako Seismic Project, which is increasing the understanding of the oil and gas potential in central BC's Nechako Basin.
- The Horn River Basin Aquifer Study, a partnership between GBC and industry. The project focuses on identifying subsurface aquifers capable of producing high volumes of water needed for production of shale gas in BC's Horn River Basin and accepting disposal of fluids after production.
- The new Montney Water Project, a partnership and government, will create a comprehensive database of surface water, ground water and deep saline aquifers in the Montney area in northeast BC, to assist in identifying the quantity and quality of water resources in the area.

"It is very important to be able to identify potential minerals in everyone's Traditional Territory. Knowing your own backyard and what might be in it and building a sustainable, environmentally friendly economy is the future for all of us."

Richard Lebourdais, Hereditary Chief,
Whispering Pines Indian Band

Photo courtesy of Northwest Community College



GBC has also supported over 80 partnership projects and provided support through scholarships and project funding to over 50 geoscience students.

"As we hunt for new exploration opportunities, our principal reviews start with those regions that have committed to capturing geological information through easily accessible, multidisciplinary databases."

Jason Weber, President,
Kiska Metals Corporation



Photo by W. Jackman



Photo by J. Bissig

A recent independent evaluation of four of GBC's projects has confirmed the substantive benefits that have been delivered through its strategic, entrepreneurial approach to collecting, interpreting and marketing geoscience data. The benefits of just these four projects include:

- More than one million hectares of new mineral claim staking for exploration;
- More than \$8 million in exploration expenditures related directly to GBC work;
- Identification of new resources at the Huckleberry Mine (an estimated 220 jobs and more than \$3 million annually in income to BC if the mine life is extended).

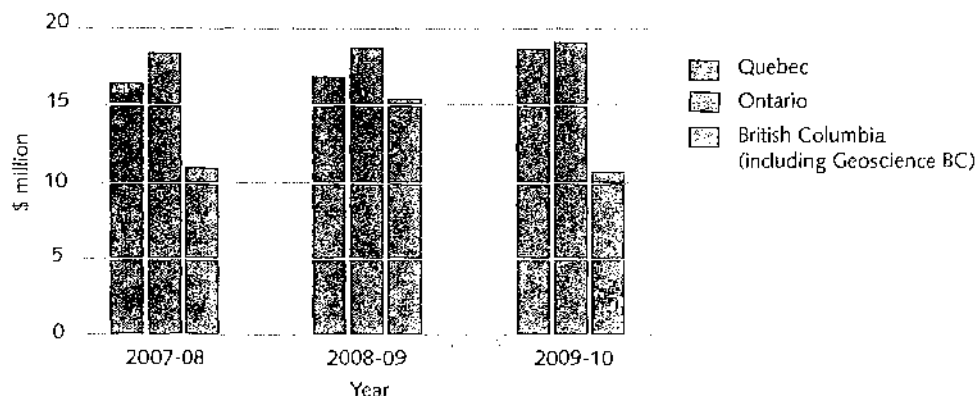
British Columbia remains competitive in attracting international mineral and energy exploration investment. The geoscience knowledge base strongly influences international companies' decisions to invest in BC. Investing in geoscience provides an important strategic edge in a competitive global market and ensures BC's place as a global leader in resource discovery and development.



"Geoscience BC has provided an invaluable service and has created increased interest from the mining industry in what Smithers has to offer as a base for mineral exploration and development."

Cress Farrow, Mayor,
Town of Smithers

Geoscience Spending by Year (in \$million)



Provincial spending on geoscience in Ontario, Quebec and British Columbia. British Columbia figures include Geoscience BC spending. Data from Geoscience BC and Duke, J.M. (2010): Government geoscience to support mineral exploration: public policy rationale and impact; Report prepared for the Prospectors and Developers Association of Canada, 64p.



"The geoscience data planned in the 5 year Data For Discovery Plan will help us move toward diversifying our economy, creating jobs, and building strong, sustainable communities in our region."

Dave Pernarowski, Mayor, City of Terrace
and Chair, Highway 37 Coalition



Photo by G. Pignotta

Data for Discovery

Geoscience BC's new Data for Discovery initiative will stimulate mineral and energy exploration and development investment in BC and continue to position the Province as a preferred global destination for resource exploration and development capital.

The Data for Discovery initiative includes five key areas:

- Mineral Exploration Geoscience
- Energy Geoscience
- First Nations Engagement
- Community Outreach and Awareness
- Marketing BC's Resource Potential and Exploration Advantage

The five-year program will focus on providing new, high quality mineral geoscience information in under-explored areas of the Province, including northwest BC and the East Kootenays. In addition, activities will continue in areas of the Province negatively affected by the Mountain Pine Beetle and other challenges to assist in the economic diversification of these regions.

The Data for Discovery energy geoscience activities will support collaborative studies on water resources in northeast BC, and investigate the geoscience of carbon capture and storage.

The Data for Discovery initiative will also promote engagement of First Nations in geoscience projects, as well as provide information to the public interested in resource developments in their region.

GBC will publish and market the results of all project activities to ensure that both significant short-term benefits to rural and remote communities, and ultimately new mineral and energy discoveries and development in the Province are promoted. In addition, GBC will actively market BC's resource potential and exploration advantage locally, nationally and internationally.

Geoscience BC will provide sustained economic and social benefits to communities across the province, particularly aboriginal and rural communities. A continuing investment of \$10 million annually in the Data for Discovery initiative will solidify BC's position as one of the world's preeminent jurisdictions for mineral and oil and gas investment, helping our industries remain healthy, innovative and competitive.

Geoscience BC's public data sets and information will be of value to the exploration sector for the next 15 to 20 years."

Henry Awmack, P.Eng.
Principal, Equity Engineering

FOR MORE INFORMATION

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Geoscience BC