



Laurentian

Goldfields Ltd.
LGF - TSX.V

Dryden Mining Initiatives:
October 12, 2011

Discovery Through Exploration

www.laurentiangoldfields.com

This presentation does not constitute an offer to sell or solicitation of an offer to buy securities of Laurentian Goldfields Ltd.

Forward Looking Statement

This presentation contains “forward-looking statements”. These forward-looking statements are made as of the date of this presentation and Laurentian Goldfields Ltd. does not intend, and does not assume any obligation, to update these forward-looking statements.

Forward-looking statements include, but are not limited to, statements with respect to the timing and amount of estimated future exploration, success of exploration activities, expenditures, permitting, and requirements for additional capital and access to data.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to actual results of current exploration activities; changes in project parameters as plans continue to be refined; the ability to enter into joint ventures or to acquire or dispose of property interests; future prices of mineral resources; accidents, labor disputes and other risks of the mining industry; ability to obtain financing; and delays in obtaining governmental approval or financing.

Mr. Darin Labrenz P. Geo is a “Qualified Person” as defined in the Canadian Securities Administrators National Instrument 43-101 with the ability and authority to verify the authenticity and validity of the data herein.

- ❖ Laurentian Goldfields Ltd. is focused on the acquisition, exploration, and development of high quality gold properties in Canada.
- ❖ Listed on the TSX.V in May 2008.
- ❖ Near term discovery potential on three projects in Northwestern Ontario:
 - ❖ Thundercloud Project
 - ❖ Van Horne Project
 - ❖ Goldpines Project: includes Goldpines North and Goldpines South



From Exploration to Mining

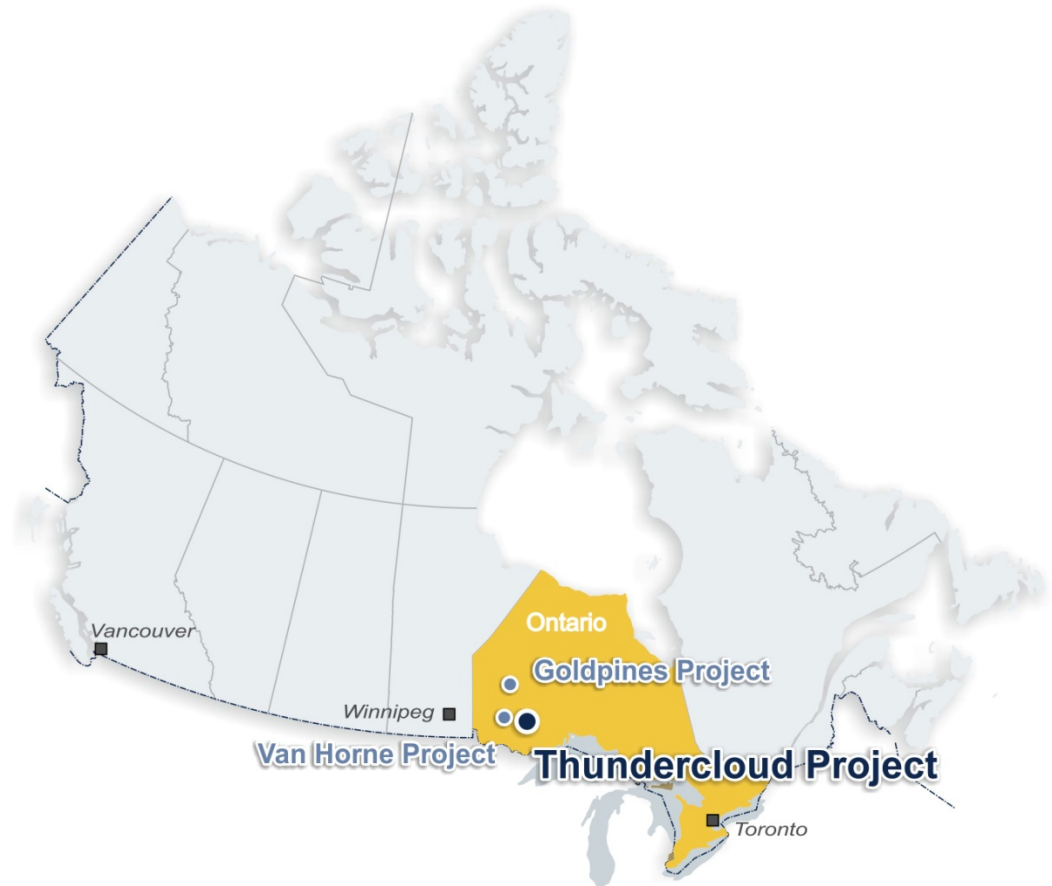
- ❖ There are multiple steps to bring a project to commercial production:
 - ❖ Exploration, Resource Definition, Preliminary Economic Assessment, Feasibility, Construction, and Mining.
 - ❖ Environmental Assessment & Permitting
- ❖ Laurentian's Thundercloud, Van Horne, and Goldpines projects fall into the exploration stage.



What is involved and how much will it cost?

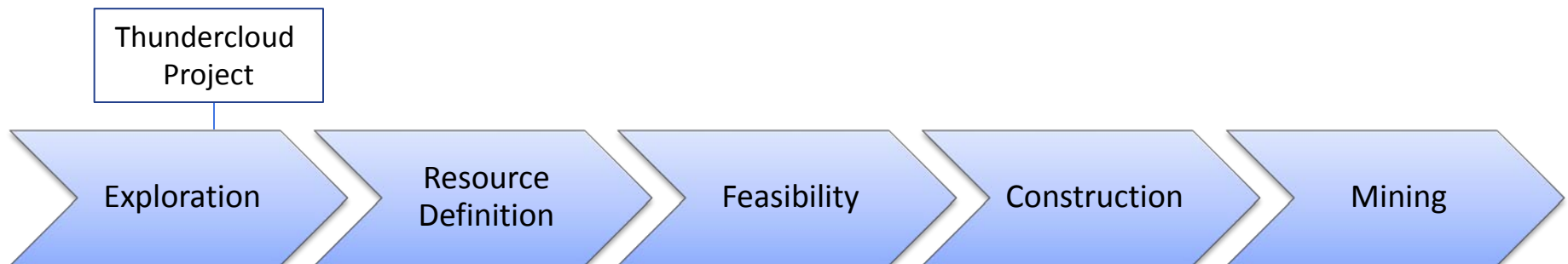
Stage	Activities	Cost	Time Frame
Exploration	mapping, geochemistry, geophysical exploration, drilling, assaying, 3D modeling, resource	\$0 – 10 million	1 – 5+ years
Resource Definition	Increased density of drilling, assaying, modeling	\$10 – 50 million	2 – 3 years
Feasibility	Apply economics: project feasibility, environmental studies and baseline monitoring, permitting, type of mine	\$50 – 150 million	2 – 3 years
Construction	Procurement, hiring (most labour intensive stage), assembling, pre-mine capital development	\$250 million plus	2 – 4 years
Mining	Commercial production	Operating Costs + Sustaining Capital	5 – 100+ years

- ❖ Located 50km southeast of Dryden, Ontario.
- ❖ \$1.5 million exploration budget for 2011.
- ❖ Completed a 4,800 metre drill program and a surface exploration program on the property this year.
- ❖ Phase II surface exploration program, including mapping, prospecting, geochemical sampling in progress



Project Development

- ❖ The Thundercloud project is in the earliest stage of project development: exploration.
- ❖ Laurentian will complete two phases of exploration this year, including drilling, mapping and geochemical sampling.
- ❖ Laurentian is developing a 3D geology model to guide understanding.
- ❖ Geological modeling and surface results are decision points in advancing project.

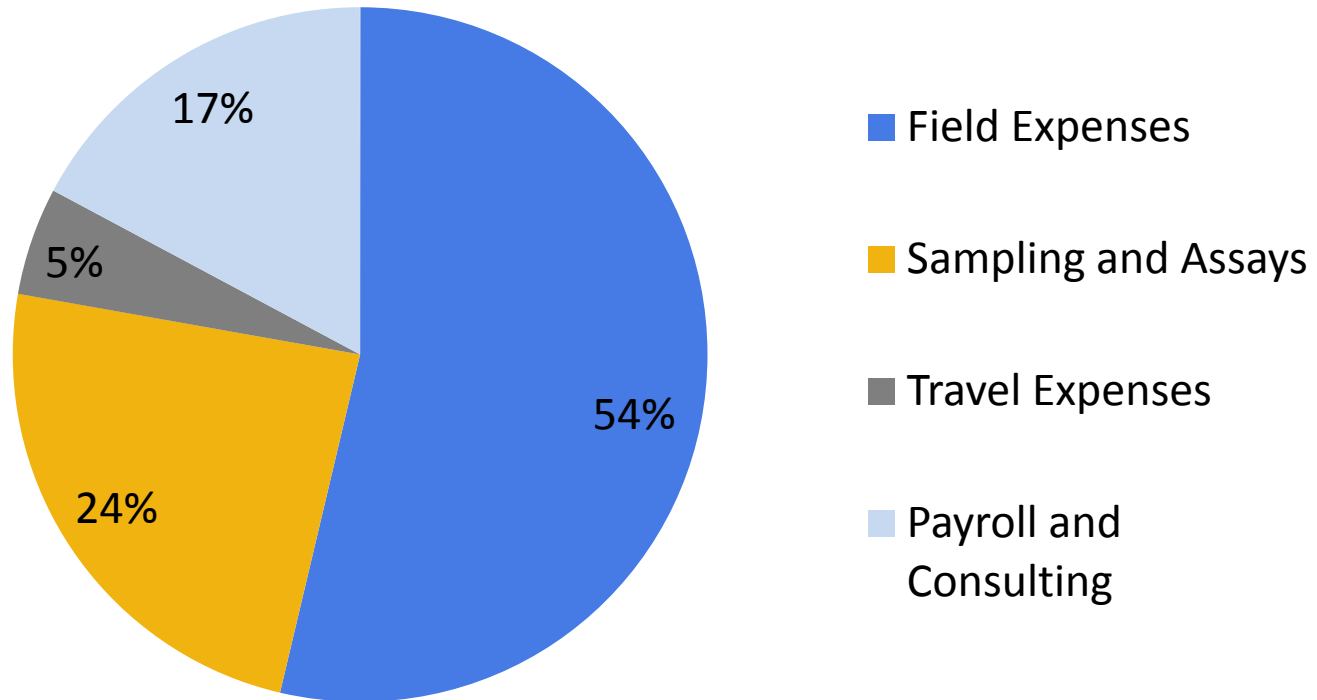


Thundercloud Project Expenditures

- ❖ \$1.4M spent from January – August 2011.

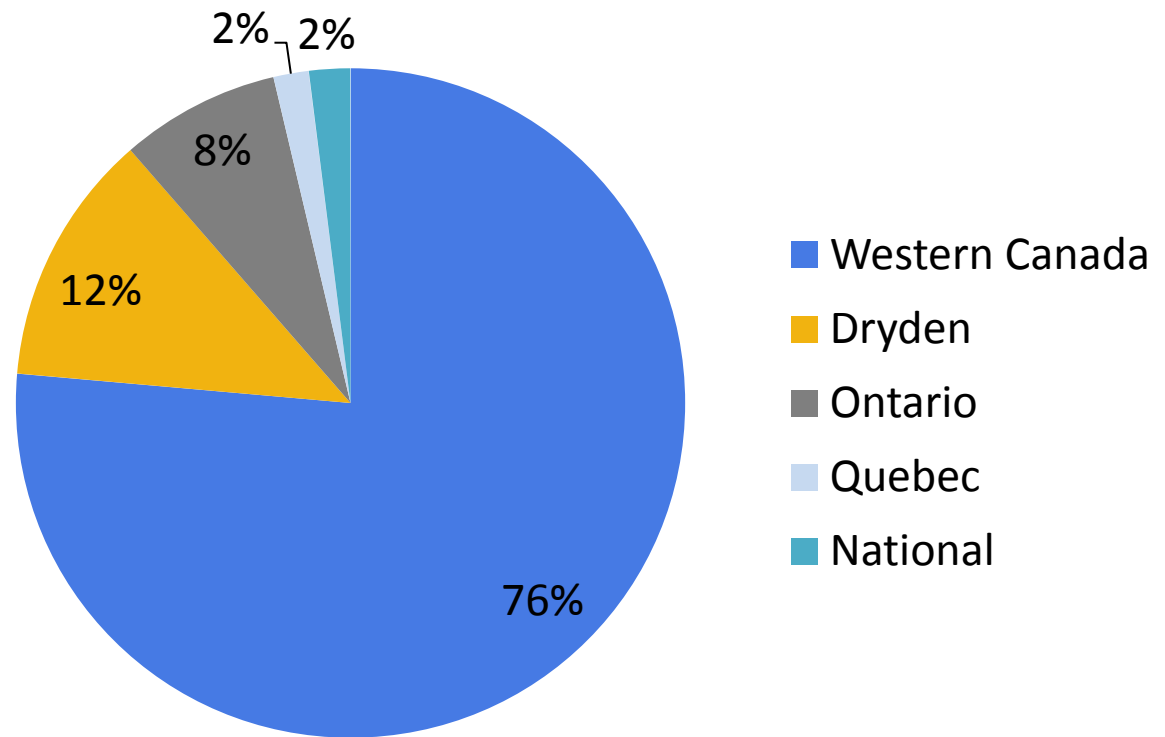
Location	Amount Spent
Local (Dryden Area)	11.4%
Regional (Ontario)	30.3%
Quebec	0.9%
Western Canada	41.8%
National Companies	2.6%
Labour (outside of Dryden)	13.0%

Cost Breakdown



Field Expenses

- ❖ Field expenses include fuel, transport services, tools and supplies, drilling, equipment rentals, training, food, etc.
- ❖ Major component is diamond drill contracting (\$520,000).
- ❖ Field expenses in Dryden consist mainly of fuel, supplies and tools, and food services.



Sampling and Assay Costs

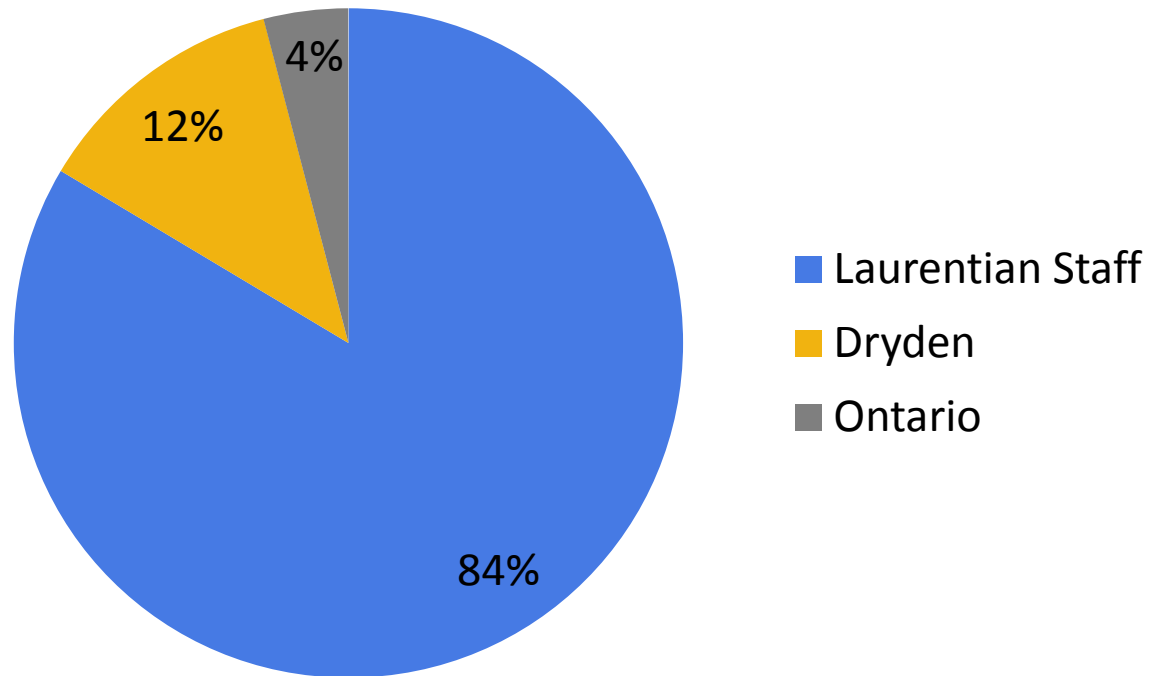
- ❖ 100% of assay and sampling costs are incurred in Ontario.
- ❖ Majority of assaying expenses are incurred in Thunder Bay.
- ❖ No analytical facility in Dryden, no sample prep facility was available in Dryden at start of program.

Travel Expenses

- ❖ 54% of travel expenses are spent in Dryden, mainly on accommodation and travel costs.
- ❖ The remainder is spent on airfare and car rentals.

Payroll and Consulting Costs

- ❖ Total Cost = \$0.24M Direct
 - ❖ Professional
 - ❖ Support staff
- ❖ Employment / Contracts sourced across Canada
- ❖ Local Spending

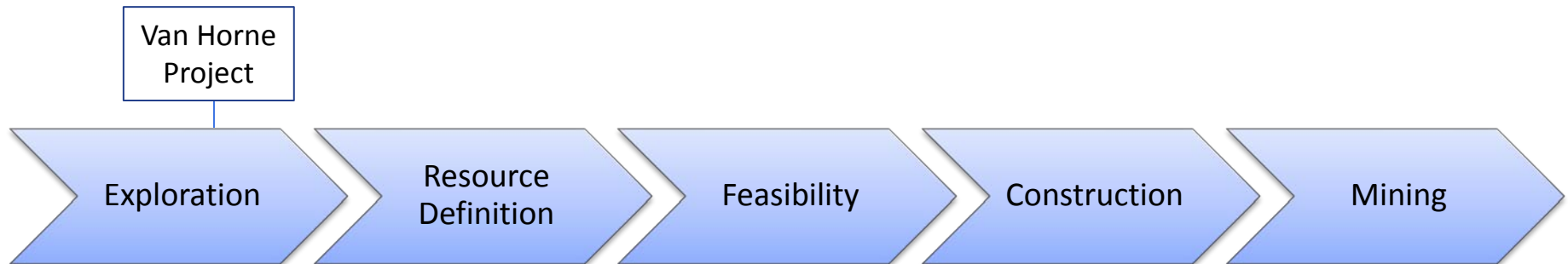


- ❖ Located 8km southwest of Dryden, Ontario.
- ❖ \$0.5M spent on exploration from January to August 2011.
- ❖ Drilling of Flambeau target, completed July 2011.



Project Development

- ❖ The Van Horne project is in the earliest stage of project development: exploration.
- ❖ Completed a 2,500 metre diamond drill program on the property in July 2011.
- ❖ Currently interpreting results for 2nd phase of drilling, 2012.

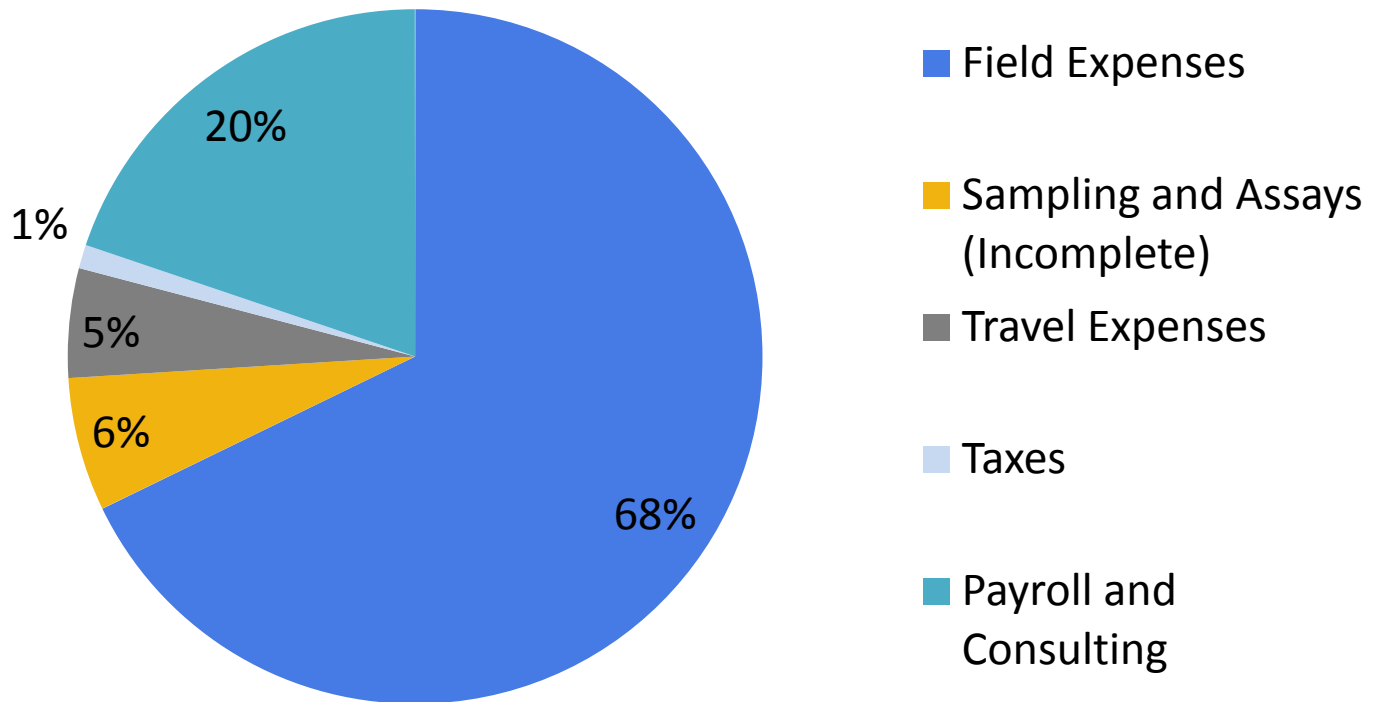


Van Horne Project Expenditures

- ❖ \$0.5M spent from January – August 2011 (sampling / assaying incomplete).

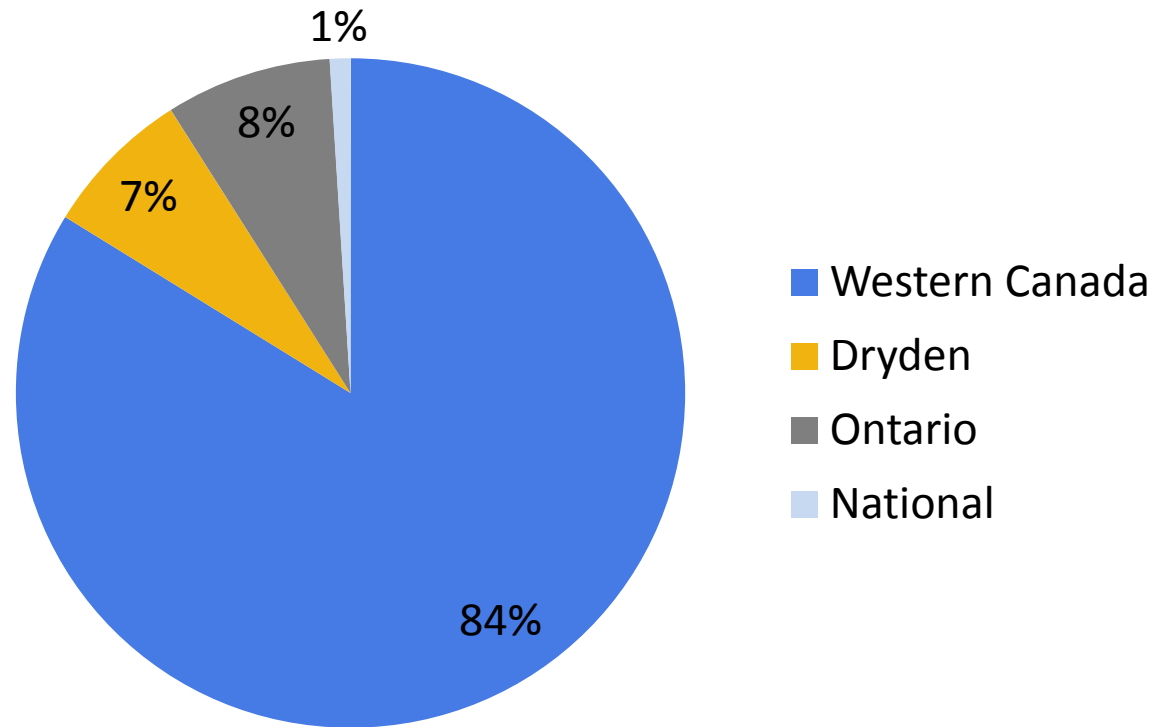
Location	Amount Spent
Local (Dryden Area)	12.9%
Regional (Ontario)	14.7%
Western Canada	57.3%
National Companies	1.6%
Labour (Non-Local)	13.6%

Cost Breakdown



Field Expenses

- ❖ Field expenses include fuel, transport services, tools and supplies, drilling, equipment rentals, training, food, etc.
- ❖ Major component is diamond drill contracting (\$0.26M).
- ❖ Field expenses in Dryden consist mainly of fuel, supplies and tools, and food.



Sampling and Assay Costs

- ❖ 100% of sampling and assay costs were incurred in Ontario.
- ❖ All sample preparation completed at Actlabs Dryden facility.
- ❖ Totals are incomplete at time of report.

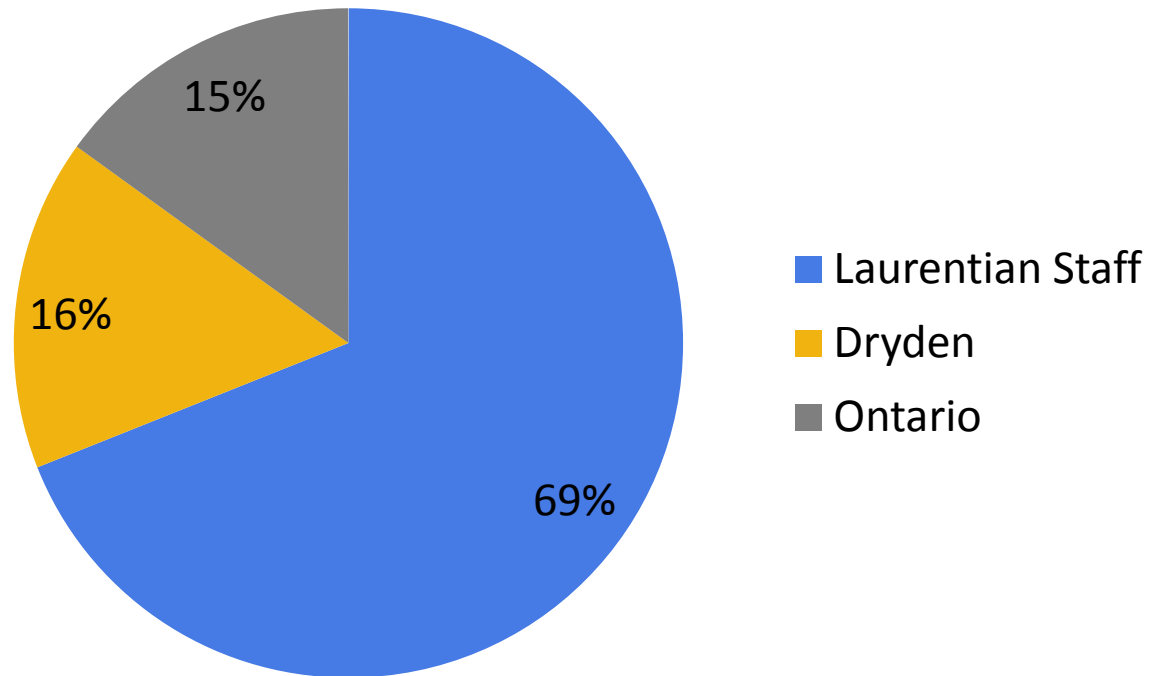


Travel Expenses

- ❖ 54% of travel expenses are spent in Dryden, mainly on accommodation and travel costs.
- ❖ The remainder is spent on airfare and car rentals.

Payroll and Consulting Costs

- ❖ Total Cost = \$0.10M Direct
 - ❖ Professional
 - ❖ Support staff
- ❖ Employment / Contracts sourced across Canada
- ❖ Local Spending



Sustainability Goals

- ❖ Laurentian will operate in a technically, socially and environmentally responsible manner.
- ❖ Laurentian will aim to maximize opportunities and benefits to the local communities where possible, while providing investors confidence through sound business decisions.
- ❖ Laurentian will operate in a transparent and collaborative manner.
- ❖ Laurentian will meet or exceed all regulatory requirements.

First Nations – Eagle Lake First Nation MOU

- ❖ Laurentian signed a Memorandum of Understanding (MOU) with Migisi Sahgaigan First Nation (MSFN) in June, 2011 with regards to its Thundercloud and Van Horne properties.
- ❖ The MOU outlines a basic structure of communication and understanding between Laurentian and the MSFN.
- ❖ Acknowledges rights and interests of the respective parties
- ❖ Incorporates concept of free, prior and informed consent, through reciprocal communication
- ❖ Provides opportunities to participate in economic opportunities that may arise from exploration activities

Van Horne Project: Prospecting Class Tour 2011

- ❖ Laurentian gave Peter Moses and his prospector class from the Eagle Lake First Nation a tour of the Van Horne property in June 2011.
- ❖ The tour provided an opportunity for the class to observe mineralization in outcrop, and to examine the process of diamond drilling.



- ❖ Laurentian is continuing to advance its projects by way of early-stage exploration.
- ❖ The projects will continue to focus on surface exploration, including geological and geochemical mapping, and diamond drilling.



Early Stage Exploration

- ❖ Labour – often specialized
- ❖ Heavy equipment – trenching, site preparation
- ❖ Construction – camps, core facilities etc.
- ❖ Food, accommodation and catering
- ❖ Expediting
- ❖ Equipment rental, vehicle rental, fuel
- ❖ Drill contracting
- ❖ Transportation and freight
- ❖ Environmental studies



- ❖ Where are the opportunities – what does the exploration industry look for in a supplier?
- ❖ Fiduciary duty
- ❖ Safety – Quality – Community – Cost





Marla Lede
Manager, Corporate Communications
t: 604.646.8000
f: 604.646.8088
mlede@laurentiangoldfields.com

520 - 800 West Pender Street
Vancouver, BC V6C 2V6
www.laurentiangoldfields.com