



## FACILITY FEATURES

- 40,000 ft<sup>2</sup> of technology innovation space
- 28,000 ft<sup>2</sup> of pilot plant development area
- 2,500 ft<sup>2</sup> of laboratory space
- 9,000 ft<sup>2</sup> of office space
- 720 kW electrical service, 66 GPM water supply and 5 MW of natural gas supply to pilot plant areas
- 30 ft of vertical space in the pilot plant area
- Fenced outdoor pilot plant area

## TECHNOLOGY COMMERCIALIZATION AND INNOVATION CENTRE

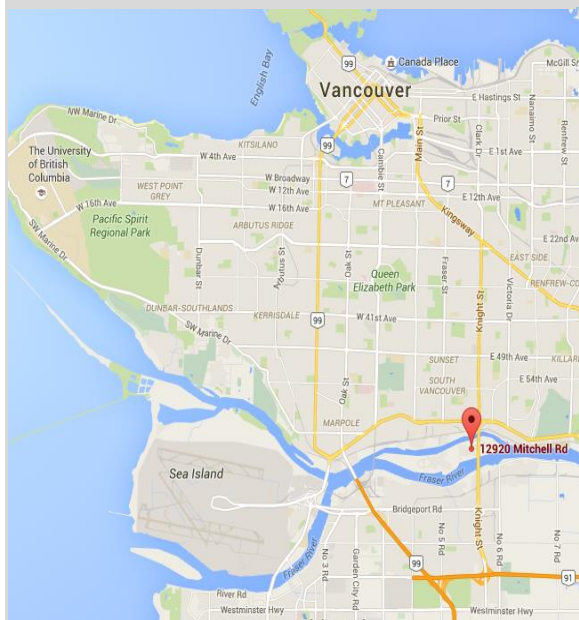
BC Research Inc.'s technology commercialization and innovation centre is a custom built facility focused on supporting pilot plant operations and technology development. Our facility features 40,000 ft.<sup>2</sup> of technology innovation space including analytical room, machine shop, office space and 2,500 ft<sup>2</sup> of wet laboratory space.

A total of 28,000 ft.<sup>2</sup> of pilot plant space is available and separated into an indoor area featuring 30 ft. high ceilings, and an outdoor raised and fenced area. The facility is operated by a multidisciplinary team of professionals, including scientists and engineers, ready to support clients' technology development efforts and pilot plant operations.

## FACILITY FEATURES

| Space                             | Height (ft) | Area (ft <sup>2</sup> ) |
|-----------------------------------|-------------|-------------------------|
| Lower Office                      | 9           | 4200                    |
| Upper Office                      | 9           | 4200                    |
| Laboratory (Wet Chemistry)        | 10          | 2500                    |
| Analytical Room                   | 10          | 650                     |
| Chemical Storage Room             | 10          | 400                     |
| Gas Cylinder Storage              | 10          | 120                     |
| Tool Shop                         | 10          | 700                     |
| Pilot Plant Area (Inside)         | 30          | 24210                   |
| Pilot Plant Area (Outside Fenced) | N/A         | 3600                    |

## DIRECTIONS TO OUR FACILITY



Our facility is conveniently located within a short distance of various amenities around Vancouver. The facility is in close proximity to Vancouver International Airport (YVR) and the University of British Columbia. Our facility is easily reachable using public transit.

## THE TECHNOLOGY COMMERCIALIZATION AND INNOVATION CENTRE IS HOME TO:

### BC RESEARCH

BC Research Inc. is a technology incubator, specializing in custom research, process development and technology commercialization. At BC Research, technologies are scaled up from concept to pilot or demonstration scale by an experienced team of scientists, engineers and designers. Our goal is to help companies achieve their scientific and technical objectives whilst providing customized service and support in a flexible environment. Visit us at [www.bcrici.ca](http://www.bcrici.ca).



The Institute is the first initiative of its kind in Canada. It brings together a global community of experts to accelerate the development, piloting, scale-up and validation of new carbon capture and conversion technologies, while also training the next generation of engineers, scientists and technicians. The institute is a collaborative effort among CMC Research Institutes, headquartered in Calgary, Alberta, and the University of British Columbia, and BC Research Inc.

### PILOT GROUP

The Pilot Group has been supplying pilot plants and demonstration plants for over 20 years for a wide range of industries. The group has a multidisciplinary team of experts. The team's ultimate objective is to work closely with clients to ensure that their pilot plants or demonstration plants provide the right data to move their projects into the next phase of the commercialization path. Learn more at [www.pilotplantgroup.ca](http://www.pilotplantgroup.ca)

### ITC GROUP

The Industrial Thermochemical Conversion (ITC) Group brings together a group of experienced industrial and academic researchers and engineers with a long history of tackling and solving difficult industrial challenges in the area of high temperature fluidized and fixed bed systems. The group provides novel designs, problem solving expertise, system optimization, and integration strategies for a variety of industrial processes and clients. Learn more at [www.itc-group.ca](http://www.itc-group.ca)

