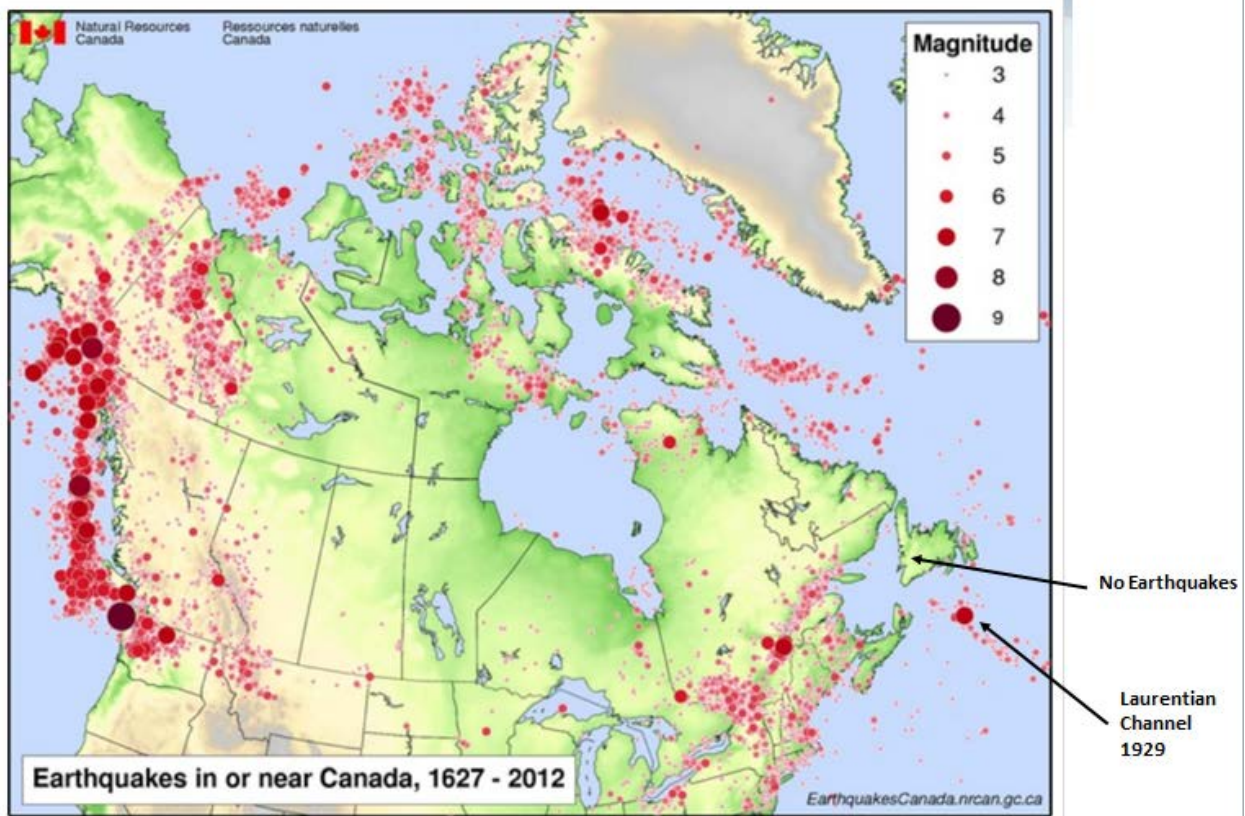


## Induced seismicity

### Members of the Review Panel:

Western Newfoundland is one of the least seismically active areas on the planet, as the map below illustrates. We will submit a number of articles and peer-reviewed papers on this topic. In summary, seismicity induced by hydraulic fracturing is very rare, even in seismically active areas, and the events are very small. Any slight risk can be eliminated by not fracing into large faults. In the unique geological setting of western Newfoundland, it is difficult to see this as a significant concern. That said, we support seismic monitoring during operations.

Earthquake map of Canada



Respectfully yours,

M. Jarvis  
CEO  
Shoal Point Energy

Supporting Documentation:

[http://www.energy.senate.gov/public/index.cfm/files/serve?File\\_id=4f086706-79aa-43df-a6e9-1ce1169f6312](http://www.energy.senate.gov/public/index.cfm/files/serve?File_id=4f086706-79aa-43df-a6e9-1ce1169f6312)

[http://nlhfrp.ca/wp-content/uploads/2015/01/7-CAPP-Hydraulic-Fracturing-Operating-Practice\\_-\\_Anomalous-Induced-Seismicity\\_-\\_Assessment-Monitoring-Mitigation-and-Response.pdf](http://nlhfrp.ca/wp-content/uploads/2015/01/7-CAPP-Hydraulic-Fracturing-Operating-Practice_-_Anomalous-Induced-Seismicity_-_Assessment-Monitoring-Mitigation-and-Response.pdf)

<http://nlhfrp.ca/wp-content/uploads/2015/01/Big-Issues-with-Food-and-Water-Watch-Seismic-study.pdf>

<http://nlhfrp.ca/wp-content/uploads/2015/01/CNN-Earthquake-Error-Highlights-Media.pdf>

<http://nlhfrp.ca/wp-content/uploads/2015/01/HF-and-Seismic-Activity-Report-v2.pdf>

<http://nlhfrp.ca/wp-content/uploads/2015/01/Key-Points-on-B.C.-Oil-and-Gas-Seismicity-Study-Shale-Resource-Centre.pdf>