

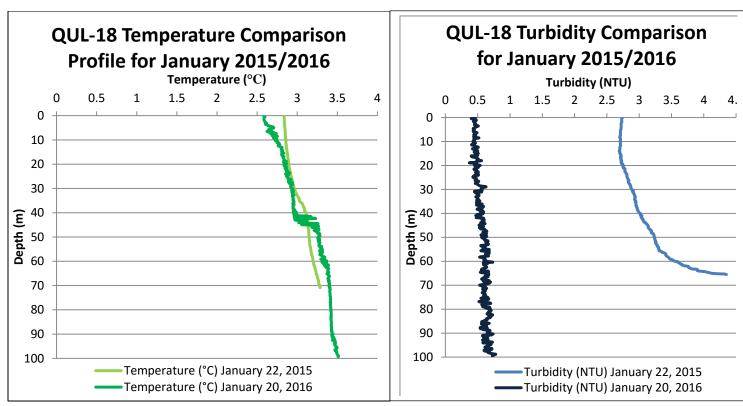
## **Mount Polley Mining Corporation**

an Imperial Metals company Box 12 • Likely, BC VOL 1NO • T 250.790.2215 • F 250.790.2613

## February 2016 Update

This winter, Mount Polley Mining Corporation's (MPMC) monitoring program continues on Quesnel Lake. The plan requires a regular collection of samples and data at deep locations around the lake, such as QUL-18. This point is located in the middle of the West Arm about 10km from the outlet of Hazeltine Creek and was first established in August 2014; it has since become a monthly sampling and data gathering site.

Quesnel Lake overturns in fall and spring. In fall, this occurs when the surface water cools and sinks under the warmer water, creating a mixing effect. The graphs below compare profile data between overturn events for temperature (on the left) and turbidity (on the right) for January 2015 and 2016.



In January 2015, the average turbidity at QUL-18 ranged from 2.7 to 4.4. Once the lake began to mix, the sediment particles (from the influx of material in August 2014) suspended near the bottom of the lake were mixed around. In 2016, the turbidity was consistent throughout (0.4 to 0.7), indicating that less material was remobilized than near the same time as the previous year at QUL-18.

MPMC is committed to meeting guidelines set by the Ministry of Environment with regard to the discharge permit. Monitoring results from the water treatment plant and turbidity results from the initial dilution zone in Quesnel Lake are published as they become available on the Imperial Metal website.

For more information, please visit:

http://www.imperial metals.com/our-operations-and-projects/operations/mount-polley-mine/mount-polley-updates/environmental-monitoring-reports