



Goffs Quarry CLC Meeting #5

Annual Environmental Monitoring Report Summary





Introduction

- Site activity began in September, 2017
- Cleared remaining overburden
- First blast - 17,000 tonnes
- Site preparation began on the plant pad area.





Groundwater

- Groundwater levels were monitored weekly March-November and monthly December-February. Results were compared to baseline water level data collected prior to the start of construction.
- Groundwater quality samples were compared to baseline samples collected prior to start of construction.





Surface Water - Streams

- Surface water flows were measured monthly and water quality samples were collected quarterly.
- Both were compared to baseline data collected prior to the start of construction.
- No change beyond baseline.





Discharge Monitoring

- Surface water discharge samples were collected while discharge was occurring.
- Results from discharge sampling met guidelines for TSS and pH.
- A filter bag was added to our process to capture additional suspended solids and reduce metals content.





Wetlands



- Wetland water levels were monitored quarterly.
- Annual wetland assessment was conducted in the 3 wetlands immediately adjacent to the quarry to determine any changes to the wetland's shape, or overall functionality.
- No changes in the wetlands were observed.



Acid Generating Potential

- Samples of blasted rock were collected and analyzed in the lab for acid generating potential.
- The lab results showed no concerns.





Annual Report Conclusion

- No variation from the baseline.
- No adverse environmental impacts.
- Monitoring will continue into 2018.

