



What's New

Hamilton Cap Rock, An Nxburst™ Project



At the end of February this year, we were happy to welcome GM Excavating to the Nxburst family. Eager to get their rock blasting in-house, Nxburst cartridges will be a great tool for excavating work in the Hamilton region. With a large condominium excavation project well underway, Niagara Escarpment cap rock stood in the way of achieving final grade depths. With the excavation directly adjacent to two banks, a strip mall and a gas station, the developer, Hawk Ridge Homes and contractor GM Excavating were rightly concerned with the use of explosives. Calling on the exper-

tise of Coogar Sales and Services a blast plan using Nxburst cartridges had been arranged months in advance, ready to implement once the bedrock was uncovered. With years of blasting experience in the City of Hamilton, Coogar Sales and Services president Dana Cooley was perfectly suited to apply his knowledge to the project. Armed with the new MacLean Engineering MDA-10 pneumatic rock drill mounted on a John Deere 135, 2.5" boreholes would be an easy task to match up with Nxco Mining's 50060 Nxburst cartridges. With the theoretical portion of the training completed, our practical portion and drill commissioning would take place on a cold March 1st morning. Having both PHQ Global and MacLean Engineering representatives on hand, getting the Atlas Copco BBC120 pneumatic rock drill up and running was simple. With the usual start-up bugs out of the way, the rock excavation began with a sinking cut in the deepest area of the site. Although getting grade can be a bit of a challenge, especially in cold wet conditions the job progressed slow and steady.

Vibration monitoring done by OZA Inspections has validated the use of Nxburst cartridges in-place of





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high explosives. Although the project is still ongoing, maximum vibration levels have been well below the 50mm ppv limits and approaching a frequency of 100 Hz, in fact some blasting has gone undetected by vibration monitoring altogether.

We'd like to give a special thanks to GM Excavating, Hawk Ridge Homes Inc., PHQ Global, MacLean Engineering and Creighton Rock Drill for all the support on this project. At Coogar Sales and Services we have built great relationships within the industry. It takes the right people and products to support you, the customer and we have the best in the business. If you have an upcoming project in the Hamilton area, give GM Excavating a call, they have got the equipment, manpower and know-how to get your job done, regardless of how much rock tries to get in the way. For all your rock-breaking needs reach out to us, we are happy to provide you with the solutions you need.



Start on the right foot!

It seems that the weather here in Ontario has done a quick change to warmer weather in a hurry. While it is very welcome. The warmer weather does bring urgency to get this seasons projects started. Quarries will also be chomping at the bit to get all the seasonal staff back in machines to make the most of the season. Here at Coogar we have had several shipments arrive at Pearson only to be delivered within hours directly to customers. Our MacLean MDA pneumatic rock drills are also a hot commodity with demand at an all-time high. If your site is starting to ramp up, make sure you touch base. As always we are ready to do whatever it takes to keep your operation running and productive. Make sure your season starts off on the right foot!

Happy Easter



Coogar Sales & Services is the proud distributor of Nxburst and the FRAGMENTOR throughout Canada, US and Mexico and has the stock to meet your demands. With our staff having a practical drill and blast experience we can guide you through even the most delicate of jobs safely and effectively helping you and your bottom line.
Give us a call at (866) 762-5835 or visit www.coogarsales.com

