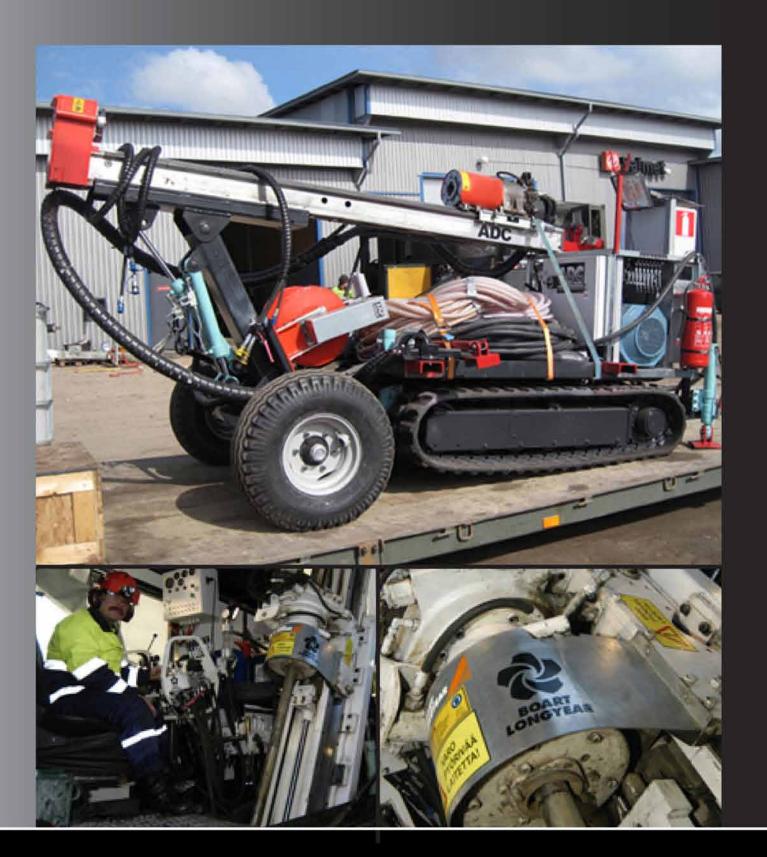


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Diamond core exploration drilling service:

ADC is working for Agnico Eagle for over 3,5 years in the gold mine of Kittilä, Northern Finland. ADC has 4 surface rigs and 1 underground drilling rig successfully in operation. The results were always delivered in time and with excellent quality. We appreciate cooperation and commitment forwards improvements and working together on solutions for increased efficiency and faster drilling.

Jyrki K. -Chief Mine Geologist- Agnico-Eagle Finland

ADC has drilled most of the holes and kilometers of all exploration drilling companies for Agnico Eagle in Kittilä. Consistent improvement in drilling technology and the use of directional core drilling shows that ADC is one of the most advanced companies in the world. ADC drilled the deepest NQ hole in Kittilä 1426m in only 44 days, this is European record. Next target will be a 1800m deep hole in June 2010.

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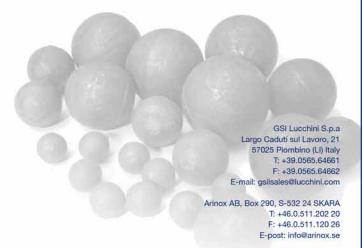
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Labtium

Labtium is proud to be a long-standing partner of Agnico-Eagle's Kittilä Mine. Labtium has been part of this success story from the first exploration sample to the planning and building of the mine and its facilities, providing analytical and expert services. The cooperation has been a learning process for both parties, based on strategic partnership where the needs of the project are jointly investigated and understood.

Battling with the cold is much less of a challenge than finding the skilled people needed to operate the mine. "Finland has a strong mining history, but has had fewer operational mines in recent years, so there is a lack of experienced engineers. We are heavily involved in a whole range of training initiatives and we are very supportive of the University of Helsinki, which is doing an 18 month conversion course to give engineers from other disciplines the skills necessary to adapt to mining," she explains.

Language is another major challenge for this English speaking manager, particularly in a highly technical

environment where health and safety must always be a priority. "The site has two full-time translators and a multilingual management team. It is critical that we understand each other—the terminology we use is not something that can be looked up on Google. Just sending out an email can be a challenge because our use of language has to be precise and fully understood by everyone," she comments.

As well as the site's excellent safety record, Plummer is also proud that the mine is working to exceed government environmental guidelines in the management of the waste rock it produces. "We have a very competent environmental team in place and aim to have as little impact as possible."

Open pit mining is well established; and Plummer expects to see production start on underground reserves later this year. "We are currently undertaking a feasibility study and so far the results are encouraging. Geologically, there is still a lot of open territory and we keep increasing our estimates of the reserves."

At present there are more than 200 contractors on site, most of whom are attached to one of the 11 diamond drills that literally spearhead the exploration. A further 300 people are directly employed by Agnico-Eagle. Extracting

Pioneers in drilling

KATI is a Finnish drilling contractor operating mainly in Nordic countries. An extensive 30 year experience makes us one of the leading operators in Scandinavia.

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"We are very supportive of the University of Helsinki, which is doing an 18 month conversion course to give engineers from other disciplines the skills necessary to adapt to mining"

gold might not be about medieval alchemy, but it is still a complex and demanding process, particularly in this instance, where geology dictates that the rock does not easily give up its prize.

"Each tonne of rock yields on average 4.8 grams of gold," she states, before going on to explain the series of processes needed to extract the precious metal. "First, we must move the rock to the processing plant where it is broken down in the crusher to pieces less than six inches in diameter. Then it is ground into a powder. We rely on a standard flotation separation method, whereby we add a chemical that causes the gold bearing particles to be









attracted to air. Air is then bubbled through so the gold bearing ore floats to the top of the tank whilst the waste material sinks to the bottom."

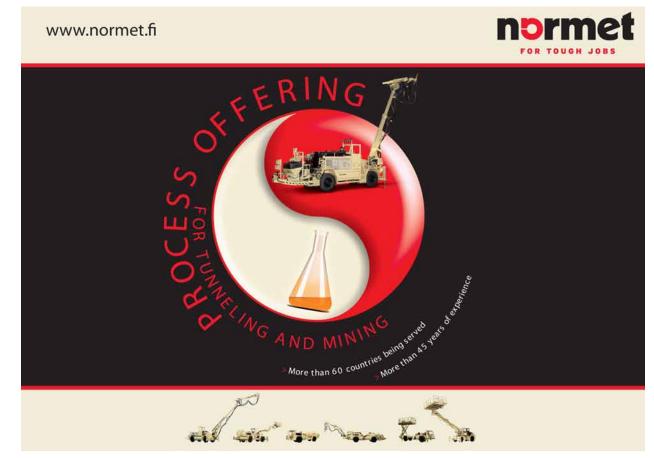
Unlike the company's other mines, there is refractory rock at Kittilä, which means that the gold cannot be simply dissolved in leaching tanks. "It must first be subject to high temperatures and high pressure in order to break down the sulfide minerals and release the gold and then it can be treated with the normal extraction method," explains Plummer. "We end up with a high grade sludge which is then melted in a furnace before being poured as gold bricks. However, to give near total purity, it must then be refined even further—but that is not something we do on site."

Plummer points out that one of the advantages of being part of a larger group is the sharing of best practices, both from a technical perspective and from the point of view of developing human resources. "For example, our supervision formula was pioneered in Quebec and is used by the Agnico-Eagle mines there. As a group, we have developed a very

specific way in which we want our managers to supervise and communicate. A standard approach and a common communication tool ensures that engineering or maintenance personnel are immediately informed of anything unusual or out of the ordinary. It is important for productivity, but above all for safety that all our supervisors work to the same high standards. There are very clear guidelines in place regarding what should be verified and checked in each operation with specific check lists for each task that must be undertaken."

Looking to the future, Plummer points out that the mine is in its infancy and has enormous untapped potential. "Already we have 26 million tonnes of probable mineral reserves identified and we know that there is much more yet to be identified. This is what all our exploration efforts are geared to finding out. We don't yet know what the limit is—only that it is still a long way off," she concludes. http://www.agnico-eagle.com/English/Our-Business/Operating-Mines/Kittila/default.aspx

- Editorial research by Daniel Finn O



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