

# Éléonore Project

FACT SHEET / SUMMER 2011

ÉLÉONORE, CANADA



Éléonore Site

## DESCRIPTION

The Éléonore property is host to the Roberto Deposit, a major new gold discovery in a relatively unexplored area in the province of Québec, located in the core of what we believe to be a promising new gold district in North America. Goldcorp acquired the Éléonore gold property at the end of March 2006.

## LOCATION

The Éléonore project is located in the Ell Lake area in the northeastern part of the Opinaca Reservoir, approximately 190 kilometres east of the Cree community of Wemindji and 320 kilometres north of the Matagami in the James Bay region of Québec.

## PRE-FEASIBILITY

The updated pre-feasibility study for the Éléonore project in Québec has confirmed Goldcorp's expectation for a long-lived underground gold mine with strong, sustained production at low cash costs. The evaluation of the property indicates the following key parameters:

### UPDATED PRE-FEASIBILITY STUDY

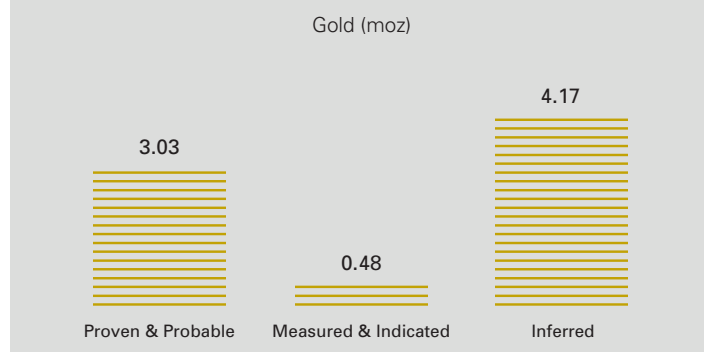
2011

Mine life	~15 years
Average annual gold production	+600,000 oz
Cash costs	<\$400/oz
Daily processing rate	7,000 tpd
Initial Capex	\$1.4B

## FUTURE

With the positive results of the updated pre-feasibility study, the decision has been made to proceed with construction following receipt of the appropriate permits (expected in Q3 2011). The development concept calls for the simultaneous development of two separate, vertically stacked mining operations, each targeting different areas of the ore body. The first will target production in the upper portions of the Roberto deposit above 650 metres and will be accessed from both the exploration shaft currently under development and a decline from surface. The second shaft will extend to a depth of approximately 1,400 metres to access the deeper ore.

### Reserves & Resources – December 2010



## GEOLOGY

The Éléonore property is centred on a discrete tonalite-diorite intrusion, about 10 kilometres in diameter, to the northern margin of a vast batholithic complex and within the contact zone between the La Grande and Opinaca sub-provinces. The intrusion is bounded by aluminous meta-sediments and conglomerates to the north and south and is in contact with basaltic units and conglomerates to the west. The sedimentary rocks located along the northern edge of the intrusion consist in an assemblage of sandstones/wackes/conglomerates. The sedimentary rocks evolve into pegmatite-bearing paragneiss to the north and to the west, suggesting a steep metamorphic gradient.

The Roberto Deposit comprises numerous gold zones with the two main ones known as the Roberto and East-Roberto lenses. The Roberto package is located near the Ell Lake intrusion and hosted by poly-deformed sedimentary rocks. The host rock of the mineralized zones is usually a thinly bedded greywacke. The mineralized zones consist of stockworks of quartz-tourmaline-actinolite-arsenopyrite-pyrrhotite veins and veinlets contained

within microcline (potassic alteration) and brown tourmaline replacement zones showing variable proportions of disseminated arsenopyrite and pyrrhotite. The structural hanging wall of the mineralized zones is characterized by greywacke containing alumino-silicate porphyroblasts, garnetiferous metasomatic zones, and moderate potassic alteration. The structural footwall of the mineralized zones is characterized by paragneiss units containing a high percentage of biotite, pegmatites dykes and quartz veins. Other lithological units found on the property include a polymictic conglomerate ("Timiskaming type") usually observed near the edge of the Ell Lake intrusion, a highly deformed mafic meta-sedimentary rock unit, graphite-rich chemical sedimentary rocks, and mafic volcanic unit interpreted to be magnesian basalts.

## SETTING

The climate is typical of northern Canada with the average summer temperature ranging from 10°C to 25°C during the days and 5°C to 15°C at night, between June and September. Winters can be cold with the temperature varying from 10°C to -60°C. Precipitation varies during the year reaching an average of two metres annually.



Éléonore Workforce

## SAFETY INITIATIVES

Goldcorp's safety strategy and resultant programs are focused on fostering a culture where our families know we are safe at work.

The 2010 safety initiatives enabled the operation to reach a 46% improvement of its 2009 overall performance. The plan is to add another 33% of improvement during 2011.

The progress continues with the overall Safety Management System, a Contractor Safety Management System, a Risk Analysis Program, an Aviation Safety Management System and a successful safety training program for supervisors.



Cultural Day at Éléonore

## ENVIRONMENTAL STEWARDSHIP

Since acquiring the project in 2006, programs were undertaken to leave the drill sites and other advanced exploration activities under the best standards: the sites are cleaned and reclaimed on areas that are no longer in use.

All permit requirements have been complied with and the personnel and structures are being put in place to be ready for the environmental demands of maintaining a rigorous operation. Environmental considerations are incorporated in the engineering designs and in the daily activities on site using an internal system called ECOFA. The impact study, positively noted by the regulatory authorities, is well under way.

## COMMUNITY DEVELOPMENT

Many initiatives were developed with a range of stakeholders including the Cree Nations of Wemindji and Eastmain, Hydro-Québec, the Québec government and municipalities.

Following several years of constructive discussions, the Cree Nation of Wemindji, the Grand Council of the Crees and the Cree Regional Authority unanimously approved a binding Collaboration Agreement to establish a collaborative mine-life relationship regarding the construction and operation of Éléonore that respects traditional Cree activities and ensures the promotion of Cree economic and social development in a manner mutually beneficial to all parties.

Under the agreement, Goldcorp recognizes and respects Cree rights and interests in the area of the Éléonore Gold Project, and the Crees recognize and support Goldcorp's rights and interests in the development and operation of the project.

The agreement includes provisions regarding the participation of the Crees in the development of the Éléonore Gold Project and throughout the life of the mine, with employment and business opportunities and training and education initiatives.

The agreement also reflects Goldcorp's commitment to protecting the environment and supporting the Crees' social and cultural practices in a spirit of continued collaboration.