

St. Eugene Reports 90% Gold Recovery and Up to 93% Silver Recovery at Amisk Joint Venture

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TORONTO, ONTARIO -- ([Marketwire](#) - Aug. 8, 2011) - [St. Eugene Mining Corporation](#) Limited (TSX VENTURE: SEM) ("St. Eugene" or the "Company") is pleased to announce positive results from metallurgical test work from the Amisk Gold Project in northeastern Saskatchewan, Flin Flon Greenstone Belt. The metallurgical test work has demonstrated that gold recovery of 90% and silver recovery of up to 93% can be obtained at the Amisk Gold Project using cyanidation with carbon-in-pulp technology.

Jennifer Boyle, President and CEO of St. Eugene commented, "These positive metallurgical results speak to the quality of the resource at the Amisk Gold Project, but more importantly, they demonstrate that gold and silver recoveries can be successfully achieved with simple conventional leaching processes".

The Amisk Gold Project is a Joint Venture between Claude Resources Inc. and St. Eugene. St. Eugene holds a 35% participating interest in the Amisk Gold Project and Claude Resources holds a 65% interest and is the operator of the Joint Venture.

Three composite samples from the high grade, average grade and low grade ore, weighing a total of 217 kg were selected from the diamond drill core collected during the 2011, 2010 and historic drill programs. The best recoveries were achieved using the finest grind at 80% passing 72 microns and the predicted grind required for the best recovery is 80% passing 75 microns (200 mesh). Cyanide leaching tests were performed on average ore at various grind sizes. The results have returned an average of 89.4% recovery for gold, ranging from 85.2% to 91.7% and an average of 80.8% recovery for silver, ranging from 66.4% to 92.8%. Finer grinds resulted in higher recoveries for all metals, with peak recoveries for the medium grade composite of 91% for gold and 92.8% for silver. Details of the metallurgical results are presented in the table below:

Grade Au Composite ID	Grade Ag (g/T)	Sodium		Cyanide Consumption (%)	Lime (kg/T)	Cons
		Au Recovery (g/T)	Ag Recovery (%)			
Low Grade	0.50	7.4	89.8	70.9	1.24	0.51
Average Grade	0.85	9.2	85.2	88.9	0.71	0
Average Grade	0.85	9.2	89.1	84.8	0.90	0
Average Grade	0.85	9.2	91.0	92.8	0.87	0
High Grade	1.68	8.4	91.7	66.4	1.15	0.42

Metallurgical and grinding mill engineering test work was conducted by Inspectorate Metallurgical Division of Richmond, British Columbia and was managed by John Starkey, P.Eng, a Qualified Person under National Instrument 43-101.

Tania Ilieva, P.Geo., is the Qualified Person who has reviewed and approved the contents of this news release for and on behalf of St. Eugene. Brian Skanderbeg, P.Geo. and M.Sc., Claude's Vice- President Exploration, is the Qualified Person who has reviewed and approved the contents of this news release for and on behalf of Claude.

CAUTION REGARDING FORWARD-LOOKING INFORMATION

This news release of St. Eugene contains statements that constitute "forward-looking statements." Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause St. Eugene's actual results, performance or achievements, or developments in the industry to differ materially from the anticipated results, performance or achievements expressed or implied by such forward-looking statements. Forward looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects," "plans," "anticipates," "believes," "intends," "estimates," "projects," "potential" and similar expressions, or that events or conditions "will," "would," "may,"

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