# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Igaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail: slcnri@nunanet.com

September 09, 2005

## NOTIFICATION OF RESEARCH

PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENCE No. 0402405N-M HAS BEEN ISSUED TO:

Mark Dunnigan Golder Associates Ltd. 300, 10525 - 170 Street Edmonton, AB T5P 4W2 CA 780 483-3499

### TO CONDUCT THE FOLLOWING STUDY:

Lupin Mine

### SUMMARY OF RESEARCH:

Kinross Gold Corporation is planning to conduct a biological monitoring study for the Lupin Mine, as a requirement under the federal Metal Mining Effluent Regulations. The Lupin Mine is an underground gold mine located on the west shore of Contwoyto Lake, Nunavut, approximately 285 km southeast of Kugluktuk and 400 km northeast of the City of Yellowknife. The goal of the biological monitoring study is to investigate the effects that mine effluent has on the receiving environment. The biological monitoring study will include a fish population health survey (target species are Arctic grayling and slimy sculpin), a benthic invertebrate community survey, and a fish tissue program. Water quality and sediment quality samples will also be collected. The field sampling session is scheduled for late August and early September 2005.

THE STUDY WILL BE CONDUCTED AT: Kugluktuk BETWEEN: August 15, 2005 - December 31, 2008

Jennifer Cockwell Manager, Research Liaison

**DISTRIBUTION:** Environmental Assessment Screener, NIRB

Lands Administrator, KitIA
Executive Director, NWB

Director of Wildlife Management, NWMB

Mayor SAO, Kugluktuk

Chairperson HTO, Kugluktuk

Area Manager, DFO Executive Director, NPC Nunavut Water Board SEP 2 0 2005 Public Registry

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### SCIENTIFIC RESEARCH LICENCE

LICENCE # 0402405N-M

ISSUED TO: Mark Dunnigan

> Golder Associates Ltd. 300, 10525 - 170 Street

Edmonton, AB T5P 4W2 CA 780 483-3499

TEAM MEMBERS: P. Aku

TITLE: Lupin Mine

### OBJECTIVES OF RESEARCH:

Kinross Gold Corporation is planning to conduct a biological monitoring study for the Lupin Mine, as a requirement under the federal Metal Mining Effluent Regulations. The Lupin Mine is an underground gold mine located on the west shore of Contwoyto Lake, Nunavut, approximately 285 km southeast of Kugluktuk and 400 km northeast of the City of Yellowknife. The goal of the biological monitoring study is to investigate the effects that mine effluent has on the receiving environment. The biological monitoring study will include a fish population health survey (target species are Arctic grayling and slimy sculpin), a benthic invertebrate community survey, and a fish tissue program. Water quality and sediment quality samples will also be collected. The field sampling session is scheduled for late August and early September 2005.

### TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions (attached) from the Nunavut Impact Review Board Screening Decision Report and per the Department of Culture, Language Elders and Youth Archaeological Sites Terms and Conditions.

#### DATA COLLECTION IN NU:

August 15, 2005-December 31, 2008 DATES:

LOCATION: Kugluktuk

Scientific Research Licence 0402405N-M expires on December 31, 2005 Issued at Iqaluit, NU on September 09, 2005

Science Advisor

