

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

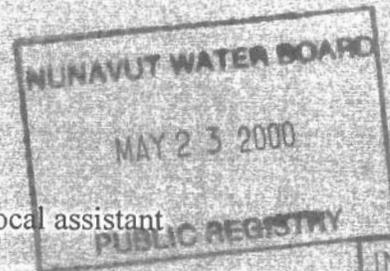
Box 1720, Iqaluit, NU X0A 0H0 phone: (867) 979-4108 fax: (867) 979-4681 e-mail: slcnri@nunanet.com

SCIENTIFIC RESEARCH LICENCE

LICENCE # 0300700R-M

NWB2MEL9901

ISSUED TO: Jack Patalas
R.L. & L. Environmental Services Ltd.
17312 - 106 Avenue
Edmonton, Alberta
T5S 1H9 Canada



TEAM MEMBERS: Jack Patalas, Jim Campbell, Rob Stack, 1 local assistant
AFFILIATION: R.L. & L. Environmental Services Ltd.
TITLE: Environmental Studies at Meliadine West Gold Project

INTERNAL	
PC	<input checked="" type="checkbox"/>
LA	<input checked="" type="checkbox"/>
OM	<input type="checkbox"/>
TA	<input type="checkbox"/>
BS	<input type="checkbox"/>
ED	<input type="checkbox"/>
GEO	<input type="checkbox"/>
BRD	<input type="checkbox"/>

OBJECTIVES OF RESEARCH:

Detailed aquatic investigations were carried out in 1997 and 1998 to collect baseline data for the potential gold mine development by WMC International Ltd. in the Meliadine Lake area near Rankin Inlet, Nunavut. The most important findings of these studies were summarized during the Environmental Studies Review meeting in Rankin Inlet on 14 April 1999. The study programs for 1999 and 2000 are designed to continue monitoring water quality and invertebrate populations at key sampling locations, which will likely be used for long-term monitoring during the mine operation phase. In addition, gaps in our understanding of Arctic char and Arctic grayling movements and critical habitats will be addressed through the continuation of radio telemetry and fish fence operations on the lower Meliadine River. During 2000, fishing will be carried out in Meliadine Lake to collect fish tissues for metals analysis. Seasonal fisheries and habitat surveys will also be completed at the stream crossing sites along the proposed road corridor between Rankin Inlet and the potential mine site. The collected data will be used in the preparation of an environmental impact assessment and will form a baseline for future monitoring activities.

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 Prince of Wales Heritage centre archeological sites terms and conditions.

DATA COLLECTION IN NU:

DATES: June 01, 2000-September 30, 2000

LOCATION: Meliadine Lake (63°03'N, 92°10'W), Peter Lake (63°10'N, 92°46'W) Meliadine River (62°52'N, 92°07'W), Peninsula Lakes (63°01'N, 92°15'W)

Scientific Research Licence 0300700R-M expires on December 31, 2000

Issued at Iqaluit, NU on May 05, 2000

Bruce Rigby
Science Advisor



May 05, 2000

NOTIFICATION OF RESEARCH

PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENCE No. 0300700R-M HAS BEEN ISSUED TO:

Jack Patalas
R.L. & L. Environmental Services Ltd.
17312 - 106 Avenue
Edmonton, Alberta
T5S 1H9 Canada
780-483-3499

TO CONDUCT THE FOLLOWING STUDY:

Environmental Studies at Meliadine West Gold Project

SUMMARY OF RESEARCH:

Detailed aquatic investigations were carried out in 1997 and 1998 to collect baseline data for the potential gold mine development by WMC International Ltd. in the Meliadine Lake area near Rankin Inlet, Nunavut. The most important findings of these studies were summarized during the Environmental Studies Review meeting in Rankin Inlet on 14 April 1999. The study programs for 1999 and 2000 are designed to continue monitoring water quality and invertebrate populations at key sampling locations, which will likely be used for long-term monitoring during the mine operation phase. In addition, gaps in our understanding of Arctic char and Arctic grayling movements and critical habitats will be addressed through the continuation of radio telemetry and fish fence operations on the lower Meliadine River. During 2000, fishing will be carried out in Meliadine Lake to collect fish tissues for metals analysis. Seasonal fisheries and habitat surveys will also be completed at the stream crossing sites along the proposed road corridor between Rankin Inlet and the potential mine site. The collected data will be used in the preparation of an environmental impact assessment and will form a baseline for future monitoring activities.

THE STUDY WILL BE CONDUCTED AT: Meliadine Lake (63°03'N, 92°10'W), Peter Lake (63°10'N, 92°46'W) Meliadine River (62°52'N, 92°07'W, Peninsula Lakes (63°01'N, 92°15'W)

BETWEEN: June 01, 2000 - September 30, 2000

Mary Ellen Thomas
Manager, Research Liaison

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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