

International Development Research Centre  
Centre de recherches pour le développement international

52366

## memorandum • note de service

Date: August 17, 1990

To/À: See Distribution Below

From/De:

*Shirley Witham per*  
Rachel Des Rosiers

Subject/Object:

Repertory of Agrogeology Research in Canada  
Centre File: 3-A-88-2048

We have finally received the report prepared by Dr. Powell as a result of this consultancy.

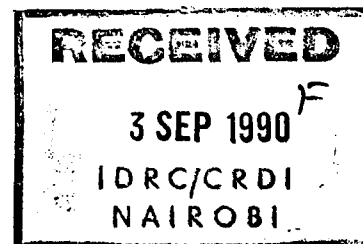
A copy is attached for your own use and/or information.

Comments, if any, will be welcome.

RDR/sw

Attch.

Distribution: M. Tremblay  
A. Gyi  
D. Anton  
S. Dubé  
~~S. Dubé~~  
G. Spendjian  
A.D. (Earth Sciences)  
OPE (via A. Young)  
Library





INTERNATIONAL DEVELOPMENT RESEARCH CENTRE  
CENTRE FILE #3-A-88-2048  
REPERTORY OF AGROGEOLOGY RESEARCH IN CANADA

PART A: UNIVERSITIES

Prepared by:  
Dr. M. A. Powell,  
Department of Geology  
University of Western Ontario  
London, Ontario, Canada

Date Submitted: August 1, 1990



**UNIVERSITIES INTERESTED IN AGROGEOLOGY PROJECTS  
IN THIRD WORLD COUNTRIES**

<b>INSTITUTE</b>	<b>CONTACT</b>	<b>DEPARTMENT</b>
Brandon University	Dr. Louise Quinn, Professor	Geology
Brock University	Dr. Simon Haynes, Chairman	Geoscience
Carleton University	Dr. A. P. S. Selvedurai, Chairman,	Civil Engineering
Concordia University	Dr. F. A. Michel, Chairman	Earth Sciences
Dalhousie University	Dr. H. B. Poorooshab	Civil Engineering
Ecole Polytechnique of Montreal	Dr. Paul Schenk, Professor	Geology
Lakehead University	Dr. R. P. Chapuis, Professor	Mineral Engineering
Laval University	Dr. J. G. Locker, Director	Engineering
	Dr. P. J. Gelinis, Professor,	Geology
	Dr. Pierre Choquette, Professor	Mining
McGill University	Dr. B. N. Yong, Professor	Civil Engineering
Memorial University of Newfoundland	Dr. Arthur F. King, Professor,	Earth Sciences
	Dr. Pierre Morin, Professor	Civil Engineering
Mount Allison University	Dr. John Coates, Professor	Engineering
Queen's University	Dr. Will Bowden, Head	Mining
Technical University of Nova Scotia	Dr. L. D. Baikie, Professor	Civil Engineering
	Dr. Les Adorjan, Department Head,	Mining and Metallurgy
University of British Columbia	Dr. K. W. Savigny, Associate Professor,	Geology
University of Calgary	Dr. R. C. Joshi	Civil Engineering
	Mr. Patrick Hettiaratchi (Student)	Civil Engineering
University of Guelph	Dr. Ward Chesworth, Professor	Soil Science
University of Manitoba	Dr. Brian Simpson, Chairman	Geological Engineering
	Dr. Jim Oswell, Ph.D.,	Engineering
University of New Brunswick	Dr. A. O. Landva, Chairman,	Civil Engineering
University of Ottawa	Dr. Tony Fowler	Department of Geology
University of Saskatchewan	Dr. D. E. Pufahl	Civil Engineering
	Dr. Haug	Civil Engineering
	Dr. J. M. Reeves, Professor,	Geological Sciences
University of Toronto	Dr. Geoffrey Norris	Geology
	Dr. Jim W. Smith, Chairman	Chemical Engineering
	Dr. John Curran	Civil Engineering
University of Waterloo	Dr. E. L. Matyas	Civil Engineering
	Dr. John A. Franklin, Research Professor,	Earth Sciences
	Dr. Maurice Dusseault, Professor	Earth Sciences
University of Windsor	Dr. Peter Hudec, Professor	Engineering Geology
	Dr. William Blackburn,	Geology

UNIVERSITIES INTERESTED IN AGROGEOLOGY PROJECTS  
IN THIRD WORLD COUNTRIES

INSTITUTE	CONTACT	DEPARTMENT
University of Windsor	Chairman	

UQAM ? S.T.

UWO - Geology ?

UQA - Mining Eng ?

~~Geology~~

UBC - Dept Mineral Eng. ?

**UNIVERSITIES CONTACTED BUT NOT INTERESTED IN  
AGROGEOLOGY PROJECTS IN THIRD WORLD COUNTRIES**

<b>INSTITUTE</b>	<b>CONTACT</b>	<b>DEPARTMENT</b>
Ecole Polytechnique of Montreal	Dr. Denis Gill, Professor	Mineral Department
Laval University	Dr. Jean Lafleur	Civil Engineering
	Dr. Robert Lagacy, Assoc. Prof.	Agricultural Engineering
	Dr. Serge Leroueil, Professor,	Civil Engineering
McGill University	Dr. Finch, Professor,	Mining and Metalurgical Engineering
McMaster University	Dr. S. Pietruszcak	Civil Engineering
Queen's University	Dr. George Rutherford, Professor	Geography
	Dr. R. J. Mitchell	Civil Engineering
	Ms. Jana Kuska	Geological Sciences
Royal Military College of Canada	Dr. R. J. Bathurst	Civil Engineering
Technical University of Nova Scotia	Dr. Benabdullah, Assoc. Prof.	Agriculture
University of Alberta	Dr. Brian Chatterton	Geology
	Dr. D. C. Sego	Civil Engineering
University of British Columbia	Dr. Y. Vaid	Civil Engineering
University of Moncton	Dr. M. Massiera, Professor	Civil Engineering
University of Ottawa	Dr. Garga, Associate Professor	Civil Engineering
University of P.E.I.	Dr. Don MacEwen, Professor	Engineering
University of Sherbrooke	Dr. Norman Therien, Chairman	Chemical Engineering
University of Toronto	Dr. Steven Scott, Chairman,	Geological and Mineral Engineering
	Dr. T. C. Kenney, Professor	Civil Engineering
University of Western Ontario	Dr. R. M. Quigley	Geotechnical Research Centre
University of Windsor	Dr. J. T. Laba	Civil Engineering

**ALPHABETICAL LISTING OF  
DATA SHEETS FOR  
UNIVERSITIES**



INSTITUTE: Brandon University  
STREET: Department of Geology  
CITY: Brandon PROV.: Manitoba PC: R7A 6A9  
AREA CODE: 204 NUMBER: 727-9680 EXTENSION:  
CONTACT: Dr. Louise Quinn, Professor  
DEPARTMENT: Geology  
MAJOR RESEARCH INTERESTS: Sedimentology in Newfoundland

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): N PhD. (Y/N): N

GRADUATE ENROLLMENT: N/A

UNDERGRADUATE ENROLLMENT: N/A

SIZE OF FACULTY: 4

OTHER CONTACTS: Dr. Harvey Young, Professor  
Dr. Robert Springer, Chairman

INSTITUTE: Brock University TYPE (U/P): U  
STREET: Department of Geoscience  
CITY: St. Catherines PROV.: Ont. PC: L2S 3A1  
AREA CODE: 416 NUMBER: 688-5550 EXTENSION: 3526  
CONTACT: Dr. Simon Haynes, Chairman  
DEPARTMENT: Geoscience  
MAJOR RESEARCH INTERESTS: Aspects of sedimentary rocks and processes, industrial  
rocks and minerals, i.e. Gypsum  
LANGUAGE PROFICIENCIES  
#1: English  
#2: Spanish  
OTHER: French, Chinese

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: Iran - teaching, consulting with copper companies; Chile - metallogeny  
China - gold, silver, lead and zinc exploration  
PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): N

GRADUATE ENROLLMENT: 6

UNDERGRADUATE ENROLLMENT: 20

SIZE OF FACULTY: 10

OTHER CONTACTS: None

INSTITUTE: Carleton University  
STREET: Room 277, C. J. Mackenzie Building  
CITY: Ottawa PROV.: Ont.  
AREA CODE: 613 NUMBER: 788-5785  
CONTACT: Dr. A. P. S. Selvedurai, Chairman,  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Soil Mechanics

TYPE (U/P): U

PC: K1S 5B6  
EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Spanish, Portuguese,

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Brazil, Mexico, Sri Lanka - soil mechanics

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: It may be possible to do this work with the departments of  
Geology and/or Earth Sciences

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 50

UNDERGRADUATE ENROLLMENT: 1,000

SIZE OF FACULTY: 35

OTHER CONTACTS: Dr. Frazier Taylor

INSTITUTE: Carleton University  
STREET: Earth Sciences Department  
CITY: Ottawa PROV.: Ont. PC: K1S 5B6  
AREA CODE: 613 NUMBER: 788-4401 EXTENSION:  
CONTACT: Dr. F. A. Michel, Chairman  
DEPARTMENT: Earth Sciences  
MAJOR RESEARCH INTERESTS: Polar regions, field studies in Siberia

LANGUAGE PROFICIENCIES

#1: English

#2:

OTHER: Several in the Department

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Guatemala, Togo - ground water assessment and supply

Ethiopia, Kenya - hard rock geology

PRESENT: Mid East - hydrology

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: N

COMMENTS: Their interest would be mainly in terms of the environmental aspects

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 55

UNDERGRADUATE ENROLLMENT: 150

SIZE OF FACULTY: 12

OTHER CONTACTS: None

INSTITUTE: Concordia University  
STREET: 1455 de Maisonneuve Blvd. W.,  
CITY: Montreal PROV.: Que. PC: H4B 1R6  
AREA CODE: 514 NUMBER: 848-7800 EXTENSION:  
CONTACT: Dr. H. B. Poorooshab  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Work mainly with soil, ocean waves and how they  
affect soils.  
LANGUAGE PROFICIENCIES  
#1: English  
#2: Iranian  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: Road construction in Iran, effects of pavement cracking.  
PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: He feels that the department has very little expertise but is very  
interested in learning and in working with 3rd world countries, particularly  
Iran.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 40

UNDERGRADUATE ENROLLMENT: 20

SIZE OF FACULTY: 13

OTHER CONTACTS: N/A

INSTITUTE: Dalhousie University  
STREET: Department of Geology  
CITY: Halifax PROV.: N.S.  
AREA CODE: 902 NUMBER: 494-2365 PC: B3H 3J5  
CONTACT: Dr. Paul Schenk, Professor  
DEPARTMENT: Geology  
MAJOR RESEARCH INTERESTS: Sedimentology  
EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: German

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Mali and Mauritania - sedimentology

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Very intersted in this project. Dr. Schenk has travelled extensively

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 35

UNDERGRADUATE ENROLLMENT: 30

SIZE OF FACULTY: 15

OTHER CONTACTS: Dr. D. B. Clarke, Chairman

INSTITUTE: Ecole Polytechnique of Montreal  
STREET: C.P. 6079, Succ. A.,  
CITY: Montreal PROV.: Que. PC: H3C 3A7  
AREA CODE: 514 NUMBER: 340-4427 EXTENSION:  
CONTACT: Dr. R. P. Chapuis, Professor  
DEPARTMENT: Mineral Engineering *Génie géologique ?*  
MAJOR RESEARCH INTERESTS: Hydrogeology, Geophysics, Deep geophysics

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Working in North Africa and South America - Hydrogeology

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: He would be interested in receiving more information.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 1,000  
UNDERGRADUATE ENROLLMENT: 4,200  
SIZE OF FACULTY: 210

*TOUTE L'ECOLE PAS  
SALENT LE DEP.*

OTHER CONTACTS: N/A

INSTITUTE: Ecole Polytechnique of Montreal  
STREET: C. P. 6079, Succ. A.,  
CITY: Montreal PROV.: Que.  
AREA CODE: 514 NUMBER: 343-6111 PC: H3C 3A7  
CONTACT: Dr. Denis Gill, Professor EXTENSION:  
DEPARTMENT: Mineral Department  
MAJOR RESEARCH INTERESTS: Ore Dressing

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 20 (Mining Engineering)

UNDERGRADUATE ENROLLMENT: 60

SIZE OF FACULTY: 4

OTHER CONTACTS: N/A



INSTITUTE: Ecole Polytechnique of Montreal

TYPE (U/P): U

STREET: C.P. Succ. A.,

CITY: Montreal

PROV.: Que.

PC: H3C 3A7

AREA CODE: 514

NUMBER: 340-4711

EXTENSION:

CONTACT: Dr. Jean Lafleur

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Geo-textiles, work with polymers, to drain soil

#### LANGUAGE PROFICIENCIES

#1: French

#2: English

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

#### DETAILS

PAST: Senegal - symposium on dams

PRESENT: Tunisia - Lectures at the University re geo-textiles

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: No interest in rock mechanics

→ C'EST DENIS GILL DES MINES QUI  
LE FAIT.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 13

UNDERGRADUATE ENROLLMENT: 350

SIZE OF FACULTY: 25

OTHER CONTACTS: N/A

INSTITUTE: Lakehead University  
STREET: School of Engineering  
CITY: Thunder Bay PROV.: Ont. PC: P7B 5E1  
AREA CODE: 807 NUMBER: 343-8110 EXTENSION:  
CONTACT: Dr. J. G. Locker, Director  
DEPARTMENT: Engineering  
MAJOR RESEARCH INTERESTS: Geotechnical engineering - nuclear ores

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Africa - consulting

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Curious but doesn't know what it is. May be interested but would need more information. There has been some work done with potash in Chemical Engineering.

GRADUATE DEGREES OFFERED MSc. (Y/N): N PhD. (Y/N): N

GRADUATE ENROLLMENT: N/A

UNDERGRADUATE ENROLLMENT: 500

SIZE OF FACULTY: 30

OTHER CONTACTS: Dr. Graham Borradaile, Geology Dept. 343-8328

INSTITUTE: Laval University  
STREET: Cite Universitaire  
CITY: Quebec City

TYPE (U/P): U

AREA CODE: 418

PROV.: Quebec  
NUMBER: 656-2276

PC: G1K 7P4  
EXTENSION:

CONTACT: Dr. Robert Lagacy, Assoc. Prof.

DEPARTMENT: Agricultural Engineering

MAJOR RESEARCH INTERESTS: Soil and Water Management

LANGUAGE PROFICIENCIES

#1: French

#2: English

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: The Faculty has worked with Morocco, Rwanda and Senegal but only as consultants to the faculties of their universities.

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: The Faculty is not capable of doing any of this work on their own.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): N

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 100

SIZE OF FACULTY: 7

OTHER CONTACTS: Dr. Michael Caellier 418-656-2557

INSTITUTE: Laval University  
STREET: Department of Civil Engineering  
CITY: Quebec City PROV.: Que. PC: G1K 7P4  
AREA CODE: 418 NUMBER: 656-2601 EXTENSION:  
CONTACT: Dr. Serge Leroueil, Professor,  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Soil Mechanics, Foundation, Slope Stability

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Slope Stability - Morocco (I.D.R.C project)

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Most well equipped for work with soft clays, embankments, dikes

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 80

UNDERGRADUATE ENROLLMENT: 350

SIZE OF FACULTY: 25

OTHER CONTACTS: N/A

INSTITUTE: Laval University

TYPE (U/P): U

STREET: Department of Geology,

CITY: Quebec City

PROV.: Que.

PC: G1K 7P4

AREA CODE: 418

NUMBER: 656-2411

EXTENSION:

CONTACT: Dr. P. J. Gelinas, Professor,

DEPARTMENT: Geology -

MAJOR RESEARCH INTERESTS: Engineering Geology, Applied mineralogy in regard to construction

LANGUAGE PROFICIENCIES

#1: French

#2: English

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Geotechnical work in Senegal, Hydrogeology in New Guinea and India

PRESENT: Working with Morocco and Bolivia in Civil Engineering

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY INVOLVED

FUTURE INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Department is well equipped for micro analysis.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 40-50

UNDERGRADUATE ENROLLMENT: 100-110

SIZE OF FACULTY: 15

OTHER CONTACTS: Dr. Jacque Locat, Professor 418-656-2179

AVEC MINES

INSTITUTE: Laval University  
STREET: Department of Mining,  
CITY: Quebec City PROV.: Que.  
AREA CODE: 418 NUMBER: 656-5273 PC: G1K 7P4  
CONTACT: Dr. Pierre Choquette, Professor EXTENSION:  
DEPARTMENT: Mining  
MAJOR RESEARCH INTERESTS: Mine Construction

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: The department teaches mining and does not have the equipment.  
They would be interested in doing some research in this area  
though.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 8 (in Mining)

UNDERGRADUATE ENROLLMENT: 25

SIZE OF FACULTY: 6

OTHER CONTACTS: N/A

INSTITUTE: McGill University  
STREET: 845 Sherbrooke St. West,  
CITY: Montreal PROV.: Que. PC: H3A 2A7  
AREA CODE: 514 NUMBER: 398-4351 EXTENSION:  
CONTACT: Dr. Finch, Professor,  
DEPARTMENT: Mining and Metalurgical Engineering  
MAJOR RESEARCH INTERESTS: Processing raw materials, mining robotics, economics,  
rock engineering, computer applications, backfill  
LANGUAGE PROFICIENCIES  
#1: English  
#2: French  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A  
PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Predominantly work in developed countries

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 100

UNDERGRADUATE ENROLLMENT: 60

SIZE OF FACULTY: 21

OTHER CONTACTS: Dr. Malcolm Scobyl, Professor 514-398-4374  
Dr. Jeff Davidson, Professor 514-398-4375

INSTITUTE: McGill University  
STREET: 845 Sherbrooke St. W.,  
CITY: Montreal PROV.: Que. PC: H3A 2T5  
AREA CODE: 514 NUMBER: 398-6672 EXTENSION:  
CONTACT: Dr. B. N. Yong, Professor  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Hydrology and waste management.

LANGUAGE PROFICIENCIES

#1: Malay  
#2: English  
OTHER: French

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: 3 Projects with I.D.R.C.

PRESENT: Urban Hydrogeology in Phillipines;  
Waste Management in Thailand/Malaysia

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 100

UNDERGRADUATE ENROLLMENT: 200

SIZE OF FACULTY: 100

OTHER CONTACTS: N/A



INSTITUTE: McMaster University  
STREET: 1280 Main Street West,

TYPE (U/P): U

CITY: Hamilton

PROV.: Ont.

PC: L8S 4L7

AREA CODE: 416

NUMBER: 525-9140

EXTENSION: 4007

CONTACT: Dr. S. Pietruszcak

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Mechanics of engineering

#### LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

#### DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: None

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 55

UNDERGRADUATE ENROLLMENT: 150

SIZE OF FACULTY: 20

OTHER CONTACTS: Dr. Horvath

INSTITUTE: Memorial University of Newfoundland  
STREET: Elizabeth Avenue,  
CITY: St. John's PROV.: Newfoundland PC: A1C 5S7  
AREA CODE: 709 NUMBER: 737-8383 EXTENSION:  
CONTACT: Dr. Arthur F. King, Professor,  
DEPARTMENT: Earth Sciences  
MAJOR RESEARCH INTERESTS: Unknown

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Students working in various parts of Africa

PRESENT: Involved in a geological survey in Botswana

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Interested in receiving more information.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 78

UNDERGRADUATE ENROLLMENT: 100

SIZE OF FACULTY: 30

OTHER CONTACTS: Dr. Jeremy Hall, Director of Research  
Centre for Earth Resources Research  
Dr. Brian Fryer, Head of Earth Sciences

INSTITUTE: Memorial University of Newfoundland  
STREET: Department of Civil Engineering  
CITY: St. John's PROV.: Nfld. PC: A1B 3X5  
AREA CODE: 709 NUMBER: 737-8924 EXTENSION:  
CONTACT: Dr. Pierre Morin, Professor  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Marine sediment, Ice and Frozen soil

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: German

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Would be interested in supervising a project, especially in a French speaking country. Graduated from the Mining School of Paris.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 30

UNDERGRADUATE ENROLLMENT: 35

SIZE OF FACULTY: 20

OTHER CONTACTS: N/A

INSTITUTE: Mount Allison University  
STREET: Department of Engineering  
CITY: Sackville PROV.: N.B.  
AREA CODE: 506 NUMBER: 364-2580  
CONTACT: Dr. John Coates, Professor  
DEPARTMENT: Engineering  
MAJOR RESEARCH INTERESTS: N/A

TYPE (U/P): U

PC: EOA 3C0

EXTENSION:

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Uganda - building roads for Crossroads Africa

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): N Ph.D. (Y/N): N

GRADUATE ENROLLMENT: N/A

UNDERGRADUATE ENROLLMENT: N/A

SIZE OF FACULTY: 3

OTHER CONTACTS: Dr. Gerry Hannan, Head of Engineering  
Dr. P. K. Varma, Professor

INSTITUTE: Queen's University  
STREET: Department of Geography  
CITY: Kingston

TYPE (U/P): U

AREA CODE: 613

PROV.: Ont.

PC: K7L 3NG

NUMBER: 545-6032

EXTENSION:

CONTACT: Dr. George Rutherford, Professor

DEPARTMENT: Geography

MAJOR RESEARCH INTERESTS: Geochemistry of soils

#### LANGUAGE PROFICIENCIES

#1: English

#2: Polynesian

OTHER: German

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

#### DETAILS

PAST: Resource surveying in New Guinea, Fiji and India

PRESENT: Socio Economic work in Swaziland

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: None

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 45

UNDERGRADUATE ENROLLMENT: 120

SIZE OF FACULTY: 20

OTHER CONTACTS: None

INSTITUTE: Queen's University  
STREET: Department of Civil Engineering  
CITY: Kingston PROV.: Ont. PC: L7L 3N6  
AREA CODE: 613 NUMBER: 545-2122 EXTENSION:  
CONTACT: Dr. R. J. Mitchell  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Unknown

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: CEDA Projects in Jamaica and China (Bridge Design)

CIDA?

PRESENT: CEDA Projects in Malaysia, Hong Kong (Airport Design)-Ken Rose

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 55

UNDERGRADUATE ENROLLMENT: 150

SIZE OF FACULTY: 18

OTHER CONTACTS: None

INSTITUTE: Queen's University  
STREET: Department of Geological Sciences  
CITY: Kingston PROV.: Ont.  
AREA CODE: 613 NUMBER: 545-2602 PC: K7L 3N6  
CONTACT: Ms. Jana Kuska EXTENSION:  
DEPARTMENT: Geological Sciences  
MAJOR RESEARCH INTERESTS: Geochemistry

LANGUAGE PROFICIENCIES

#1: Czechoslovakian  
#2: English  
OTHER: German, Russian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Various CEDA Projects through the years

PRESENT: CEDA - Thailand - confidential

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Jana has been a research assistant for 20 years. We may want to try to contact Dr. Al Gorman (retiring soon) or Ian Nichol (545-2602). After numerous attempts, no contact was established with either Dr. Gorman or Dr. Nichol.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 120

UNDERGRADUATE ENROLLMENT: 160

SIZE OF FACULTY: 25

OTHER CONTACTS: Dr. Lawrence Dyke  
Dr. Al Gorman  
Dr. Ian Nichol

INSTITUTE: Queen's University  
STREET: Department of Mining Engineering  
CITY: Kingston PROV.: Ont. PC: K7L 3N6  
AREA CODE: 613 NUMBER: 545-2196 EXTENSION:  
CONTACT: Dr. Will Bowden, Head  
DEPARTMENT: Mining  
MAJOR RESEARCH INTERESTS: Unknown

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Mexico, Brazil and Chile - Mining

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Department has experience in working with amonium Nitrate and Potash

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 30

UNDERGRADUATE ENROLLMENT: 60-70

SIZE OF FACULTY: 9

OTHER CONTACTS: Dr. P. N. Calder, Professor



INSTITUTE: Royal Military College of Canada  
STREET: Department of Civil Engineering  
CITY: Kingston PROV.: Ont.  
AREA CODE: 613 NUMBER: 541-6479  
CONTACT: Dr. R. J. Bathurst  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Unknown

TYPE (U/P): U  
PC: K7K 5L0  
EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 6

UNDERGRADUATE ENROLLMENT: 25

SIZE OF FACULTY: 16

OTHER CONTACTS: None

INSTITUTE: Technical University of Nova Scotia

TYPE (U/P): U

STREET: P. O. Box 1000,

CITY: Halifax

PROV.: N.S.

PC: B3J 2X4

AREA CODE: 902

NUMBER: 420-7708

EXTENSION:

CONTACT: Dr. Les Adorjan, Department Head,

DEPARTMENT: Mining and Metallurgy

MAJOR RESEARCH INTERESTS: Fine particle separation, gold from local ores

LANGUAGE PROFICIENCIES

#1: Hungarian

#2: English

OTHER: German

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Interested but has very little time.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 8 in Mining, 10 in Metallurgy

UNDERGRADUATE ENROLLMENT: 12 in Mining, 12 in Metallurgy

SIZE OF FACULTY: 5

OTHER CONTACTS: Dr. M. Rockwell, Professor

INSTITUTE: Technical University of Nova Scotia

TYPE (U/P): U

STREET: P. O. Box 1000

CITY: Halifax

PROV.: N.S.

PC: B3J 2X4

AREA CODE: 902

NUMBER: 420-7681

EXTENSION:

CONTACT: Dr. L. D. Baikie, Professor

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Water resources

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Interested if water resources are involved. His department would be interested in doing the work in conjunction with other departments at this University.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 30

UNDERGRADUATE ENROLLMENT: 120

SIZE OF FACULTY: 14

OTHER CONTACTS: Dr. Robert Eagle, International Development Office  
902-420-7794

INSTITUTE: Technical University of Nova Scotia  
STREET: P. O. Box 1000  
CITY: Halifax PROV.: N.S. PC: B3J 2X4  
AREA CODE: 902 NUMBER: 420-7727 EXTENSION:  
CONTACT: Dr. Benabdullah, Assoc. Prof.  
DEPARTMENT: Agriculture  
MAJOR RESEARCH INTERESTS: Solar energy - its agricultural applications

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: Arabic

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Nigeria, Egypt, Guyana - CEDA - fertilizer from animal manure

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 24

UNDERGRADUATE ENROLLMENT: 22

SIZE OF FACULTY: 6

OTHER CONTACTS: Dr. Gaily, Professor

INSTITUTE: University of Alberta  
STREET: 220 Civil/Electrical Engineering Bldg.,  
CITY: Edmonton PROV.: Alberta  
AREA CODE: 403 NUMBER: 492-4235 PC: T6G 2G7  
CONTACT: Dr. Brian Chatterton EXTENSION:  
DEPARTMENT: Geology  
MAJOR RESEARCH INTERESTS: Unknown

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A  
  
PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 75

UNDERGRADUATE ENROLLMENT: 75

SIZE OF FACULTY: 20

OTHER CONTACTS: Dr. Roger Morton, Professor

INSTITUTE: University of Alberta  
STREET: 220 Civil/Electrical Engineering Building  
CITY: Edmonton PROV.: Alberta  
AREA CODE: 403 NUMBER: 492-4235  
CONTACT: Dr. D. C. Sego PC: T6G 2G7  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Permafrost EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N Y

DETAILS

PAST: N/A CIDA - BRAZIL  
IDRC - BRAZIL  
PRESENT: N/A CHINA  
EGYPT

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 75

UNDERGRADUATE ENROLLMENT: 75

SIZE OF FACULTY: 20

OTHER CONTACTS: N/A

INSTITUTE: University of British Columbia

TYPE (U/P): U

STREET: 6339 Stores Rd.,

CITY: Vancouver

PROV.: B.C.

PC: V6T 2B4

AREA CODE: 604

NUMBER: 228-2449

EXTENSION:

CONTACT: Dr. K. W. Savigny, Associate Professor,

DEPARTMENT: Geology

MAJOR RESEARCH INTERESTS: Numerical applications, little field experience

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Malaysia

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Slope stability, seismic hazard planning in China

(IBRC)

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Could possibly do the work in conjunction with Geochemistry Dept.

& MINING

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 60

UNDERGRADUATE ENROLLMENT: 120

SIZE OF FACULTY: 16-18

OTHER CONTACTS: None

✓

INSTITUTE: University of British Columbia  
STREET: Department of Civil Engineering  
CITY: Vancouver PROV.: B.C. PC: V6T 1W5  
AREA CODE: 604 NUMBER: 228-4266 EXTENSION:  
CONTACT: Dr. Y. Vaid  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Geotechnical engineering, problems with dams

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Currently involved in a dam building project in China.

IBRC ?

DAM SAFETY project

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: He was not familiar with the topic at all.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 120

UNDERGRADUATE ENROLLMENT: 90

SIZE OF FACULTY: 27

OTHER CONTACTS: Dr. R. G. Campanella



INSTITUTE: University of Calgary

TYPE (U/P): U

STREET: 2500 University Dr., N.W.

CITY: Calgary

PROV.: Alberta

PC: T2N 1N4

AREA CODE: 403

NUMBER: 220-7177

EXTENSION:

CONTACT: Dr. R. C. Joshi

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Geotechnical, soils, stablization, fly ash

LANGUAGE PROFICIENCIES

#1: Hindu

#2: English

OTHER: Japanese, German, Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Use of blocks for road construction in Guatemala.

PRESENT: N/A

(IDRC)

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: Y

COMMENTS: No ability in agricultural end of it but very interested in any projects that are soil related

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 80

SIZE OF FACULTY: 20

OTHER CONTACTS: N/A

INSTITUTE: University of Calgary  
STREET: 2500 University Dr., N.W.  
CITY: Calgary PROV.: Alberta  
AREA CODE: 403 NUMBER: 220-7177  
CONTACT: Mr. Patrick Hettiaratchi (Student)  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Unknown

TYPE (U/P): U

PC: T2N 1N4

EXTENSION:

LANGUAGE PROFICIENCIES

#1: Sri Lanka  
#2: English  
OTHER: Thai

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 80

SIZE OF FACULTY: 20

OTHER CONTACTS: N/A

INSTITUTE: University of Guelph  
STREET: Department of Soil Science

TYPE (U/P): U

CITY: Guelph

PROV.: Ont.

PC: N1G 2W1

AREA CODE: 519

NUMBER: 824-4120

EXTENSION:

CONTACT: Dr. Ward Chesworth, Professor

DEPARTMENT: ~~Soil Science~~

MAJOR RESEARCH INTERESTS: Making fertilizer from natural rock

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

*Land Resource Science*

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Tanzania and Ethiopia - making fertilizer from natural rock

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: Y

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: Y

: Y

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: They have been working with I.D.R.C. on this project for 6 years.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 60

UNDERGRADUATE ENROLLMENT: 90

SIZE OF FACULTY: 22

OTHER CONTACTS: Dr. Eric Beauchamp, Acting Chairman  
Dr. Peter VanStraaten, Research Assoc.

INSTITUTE: University of Manitoba  
STREET: 342 Engineering Bldg.,  
CITY: Winnipeg PROV.: Man. PC: R3T 2N2  
AREA CODE: 204 NUMBER: 474-8880 EXTENSION:  
CONTACT: Dr. Jim Oswell, Ph.D.,  
DEPARTMENT: Engineering  
MAJOR RESEARCH INTERESTS: Potash as a geological problem.

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Dr. J. Graham has worked in Ghana on CIDA projects.

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Not sure if there department is capable but would certainly be interested in hearing more about it.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 28

UNDERGRADUATE ENROLLMENT: 65

SIZE OF FACULTY: 25-30

OTHER CONTACTS: Dr. J. Graham, Chairman

*with geologist etc.  
1/2/76*

INSTITUTE: University of Manitoba  
STREET: Department of Geological Engineering  
CITY: Winnipeg PROV.: Man. PC: R3T 2N2  
AREA CODE: 204 NUMBER: 474-8270 EXTENSION:  
CONTACT: Dr. Brian Simpson, Chairman  
DEPARTMENT: Geological Engineering  
MAJOR RESEARCH INTERESTS: Underground mining - potash, rock mechanics

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: Y

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 6

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: 4

OTHER CONTACTS: N/A

INSTITUTE: University of Moncton  
STREET: Department of Civil Engineering  
CITY: Moncton PROV.: N.B.  
AREA CODE: 506 NUMBER: 858-4301  
CONTACT: Dr. M. Massiera, Professor  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Unknown

TYPE (U/P): U

PC: E1A 3E9

EXTENSION:

LANGUAGE PROFICIENCIES

#1: English

#2: N/A *French*

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: *(N/A)* MALI *(Credi)*

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): N

GRADUATE ENROLLMENT: 6

UNDERGRADUATE ENROLLMENT: 22

SIZE OF FACULTY: 9

OTHER CONTACTS: N/A

INSTITUTE: University of New Brunswick

TYPE (U/P): U

STREET: P. O. Box 4400,

CITY: Fredricton

PROV.: N.B.

PC: E3B 5A3

AREA CODE: 506

NUMBER: 453-4521

EXTENSION:

CONTACT: Dr. A. O. Landva, Chairman,

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Soil Mechanics, Foundations, working with land fill sites to find out their geotechnical properties.

LANGUAGE PROFICIENCIES

#1: English

#2: Norwegian

OTHER: German

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: N/A

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 42

UNDERGRADUATE ENROLLMENT: 50

SIZE OF FACULTY: 20

OTHER CONTACTS: N/A

INSTITUTE: University of Ottawa

TYPE (U/P): U

STREET: 770 King Edward Ave.

CITY: Ottawa

PROV.: Ont.

PC: K1N 9B4

AREA CODE: 613

NUMBER: 564-2210

EXTENSION:

CONTACT: Dr. Garga, Associate Professor

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Geotechnical Engineering - rock fill dams, mine waste disposal, landslides in tropical soils

LANGUAGE PROFICIENCIES

#1: English

#2: Spanish

OTHER: Portuguese

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Peru - landslides

PRESENT: Peru and Chile - dam construction

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: None

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 47

UNDERGRADUATE ENROLLMENT: 120

SIZE OF FACULTY: 15

OTHER CONTACTS: Dr. Fellenius, Professor



INSTITUTE: University of Ottawa

TYPE (U/P): U

STREET: 770 King Edward Ave.,

CITY: Ottawa

PROV.: Ont.

PC: K1N 9B4

AREA CODE: 613

NUMBER: 564-5750

EXTENSION:

CONTACT: Dr. Tony Fowler

DEPARTMENT: Department of Geology

MAJOR RESEARCH INTERESTS: Geochemistry

#### LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

#### DETAILS

PAST: Ethiopia - Geotraverse Program (CRG)

PRESENT: Zambia-sedimentary rocks that host ores; Ghana-mine waste products

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: Could work in conjunction with another department

#### GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 50

UNDERGRADUATE ENROLLMENT: 40

SIZE OF FACULTY: 12

OTHER CONTACTS: Dr. Kretz

Dr. Fyson

INSTITUTE: University of P.E.I. TYPE (U/P): U  
STREET: 550 University Ave.,  
CITY: Charlottetown PROV.: P.E.I. PC: C1A 4P3  
AREA CODE: 902 NUMBER: 566-0491 EXTENSION:  
CONTACT: Dr. Don MacEwen, Professor  
DEPARTMENT: Engineering  
MAJOR RESEARCH INTERESTS: Unknown

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: Unknown

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: Unknown

OTHER CONTACTS: N/A

INSTITUTE: University of Saskatchewan  
STREET: Department of Civil Engineering  
CITY: Saskatoon PROV.: Sask. PC: S7N 0W0  
AREA CODE: 306 NUMBER: 966-5355 EXTENSION:

CONTACT: Dr. Haug  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Underground Potash Mines, Grouts to work in salt,

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Worked in India, Pakistan and Egypt with CIDA

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Most interested in working with potash

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 50 (Geotechnical and others)

UNDERGRADUATE ENROLLMENT: 60

SIZE OF FACULTY: 18

OTHER CONTACTS: N/A

INSTITUTE: University of Saskatchewan  
STREET: Department of Civil Engineering  
CITY: Saskatoon PROV.: Sask. PC: S7N 0W0  
AREA CODE: 306 NUMBER: 966-5342 EXTENSION:  
CONTACT: Dr. D. E. Pufahl  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Foundations

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

CHINA }  
KENYA } 1986

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: Y

COMMENTS: Dr. Pufahl has always wanted to do some work in a 3rd World country

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 20

SIZE OF FACULTY: 17

OTHER CONTACTS: N/A

INSTITUTE: University of Saskatchewan

TYPE (U/P): U

STREET: Department of Geological Sciences,

CITY: Saskatoon

PROV.: Man.

PC: S7N 0W0

AREA CODE: 204

NUMBER: 966-5703

EXTENSION:

CONTACT: Dr. J. M. Reeves, Professor,

DEPARTMENT: Geological Sciences

MAJOR RESEARCH INTERESTS: Rock Mechanics of Potash Products

#### LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N (Y)

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

#### DETAILS

PAST: N/A

MALAWI

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

} ???

COMMENTS: Major interest would be in regard to the mechanical properties of Potash

#### GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 40-60

UNDERGRADUATE ENROLLMENT: 40-60

SIZE OF FACULTY: 17

OTHER CONTACTS: Dr. Stead, Assist. Prof.

Dr. Renaut, Assoc. Prof. 306-966-5705

INSTITUTE: University of Sherbrooke TYPE (U/P): U  
STREET: Department of Chemical Engineering  
CITY: Sherbrooke PROV.: Que. PC: J1K 2R1  
AREA CODE: 819 NUMBER: 821-7171 EXTENSION:  
CONTACT: Dr. Norman Therien, Chairman  
DEPARTMENT: Chemical Engineering  
MAJOR RESEARCH INTERESTS: Computer control of biological reactors

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: No expertise in this area

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: Unknown

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: Unknown

OTHER CONTACTS: Dr. Marc Beerli, Professor 819-821-7167

INSTITUTE: University of Toronto

TYPE (U/P): U

STREET: Department of Civil Engineering

CITY: Toronto

PROV.: Ont.

PC: M5S 1A4

AREA CODE: 416

NUMBER: 978-4611

EXTENSION:

CONTACT: Dr. John Curran

DEPARTMENT: Civil Engineering

MAJOR RESEARCH INTERESTS: Rock Engineering, Mining

#### LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

#### DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

#### ASPECTS OF AGROGEOLOGY

#### CURRENTLY INVOLVED

#### FUTURE INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: He would be interested mainly in mining but would like to have more information.

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 110

UNDERGRADUATE ENROLLMENT: 400

SIZE OF FACULTY: 35

OTHER CONTACTS: None

INSTITUTE: University of Toronto  
STREET: Department of Chemical Engineering  
CITY: Toronto PROV.: Ont. PC: M5S 1A4  
AREA CODE: 416 NUMBER: 978-4020 EXTENSION:

CONTACT: Dr. Jim W. Smith, Chairman  
DEPARTMENT: Chemical Engineering  
MAJOR RESEARCH INTERESTS: Prevention of environmental emission, processing materials to convert to useful materials.

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: None

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Jamaica - turning mining waste into building materials

IDRC

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Dr. Smith was the director of a fertilizer company for 10 years. He is very well informed. He knows that Jamaica has the right chemicals in the soil to make fertilizer.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 200

UNDERGRADUATE ENROLLMENT: 350

SIZE OF FACULTY: 35

OTHER CONTACTS: None



INSTITUTE: University of Toronto

TYPE (U/P): U

STREET: Department of Geology

CITY: Toronto

PROV.: Ont.

PC: M5S 1A1

AREA CODE: 416

NUMBER: 978-3048

EXTENSION:

CONTACT: Dr. Geoffrey Norris

DEPARTMENT: Geology

MAJOR RESEARCH INTERESTS: Bio-strategy as it applies to the oil industry

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: None

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 50

UNDERGRADUATE ENROLLMENT: 92

SIZE OF FACULTY: 24

OTHER CONTACTS: Dr. Grant Henderson, Professor 416-978-6041

Dr. Ed Spooner, Associate Professor 416-978-3280

INSTITUTE: University of Toronto  
STREET: Department of Civil Engineering  
CITY: Toronto PROV.: Ont.  
AREA CODE: 416 NUMBER: 978-2828  
CONTACT: Dr. T. C. Kenney, Professor  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Geotechnical engineering

TYPE (U/P): U

PC: M5S 1A4  
EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: None  
OTHER: None

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 120

UNDERGRADUATE ENROLLMENT: 400

SIZE OF FACULTY: 37

OTHER CONTACTS: None

INSTITUTE: University of Toronto TYPE (U/P): U  
STREET: Department of Geological and Mineral Engineering  
CITY: Toronto PROV.: Ont. PC: M5S 1A4  
AREA CODE: 416 NUMBER: 978-6554 EXTENSION:  
CONTACT: Dr. Steven Scott, Chairman,  
DEPARTMENT: Geological and Mineral Engineering  
MAJOR RESEARCH INTERESTS: Working with marine environments, ocean floor

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Off-shore Papua New Guinea for 4 years

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 45

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: 37

OTHER CONTACTS: None

INSTITUTE: University of Waterloo  
STREET: Department of Civil Engineering  
CITY: Waterloo PROV.: Ont. PC: N2L 3G1  
AREA CODE: 519 NUMBER: 885-3984 EXTENSION:

CONTACT: Dr. E. L. Matyas  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Geotechnical engineering, Earth dams

LANGUAGE PROFICIENCIES

#1: English  
#2: Hungarian  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Consulting - Dakka, East Pakistan from 1967-1971

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: Y

COMMENTS: Interested in the mining if soil is involved. Not interested in rocks.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 100

UNDERGRADUATE ENROLLMENT: 200

SIZE OF FACULTY: 32

OTHER CONTACTS: N/A

INSTITUTE: University of Waterloo  
STREET: Department of Earth Sciences,  
CITY: Waterloo PROV.: Ont. PC: N2L 3G1  
AREA CODE: 519 NUMBER: 888-4590 EXTENSION:  
CONTACT: Dr. Maurice Dusseault, Professor  
DEPARTMENT: Earth Sciences  
MAJOR RESEARCH INTERESTS: Engineering geology, Mining

LANGUAGE PROFICIENCIES

#1: French  
#2: English  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Dr. Dusseault has worked in Venezuela in the area of oil and mining

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: May have some expertise in potash mining, design and testing

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 135

UNDERGRADUATE ENROLLMENT: 25

SIZE OF FACULTY: 22

OTHER CONTACTS: None

INSTITUTE: University of Waterloo  
STREET: Department of Earth Sciences  
CITY: Waterloo PROV.: Ont.  
AREA CODE: 519 NUMBER: 885-1211  
CONTACT: Dr. John A. Franklin, Research Professor,  
DEPARTMENT: Earth Sciences  
MAJOR RESEARCH INTERESTS: Rock engineering

TYPE (U/P): U

PC: N2L 3G1

EXTENSION: 2624

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: India - rock testing projects

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: Y

COMMENTS:

GRADUATE DEGREES OFFERED

MSc. (Y/N): Y

PhD. (Y/N): Y

GRADUATE ENROLLMENT: 107

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: 25

OTHER CONTACTS:

INSTITUTE: University of Western Ontario  
STREET: Geotechnical Research Centre  
CITY: London PROV.: Ont. PC: N6A 5B9  
AREA CODE: 519 NUMBER: 661-3344 EXTENSION:  
CONTACT: Dr. R. M. Quigley  
DEPARTMENT: Geotechnical Research Centre  
MAJOR RESEARCH INTERESTS: Landfill sites

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Too busy at this time.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 35

SIZE OF FACULTY: 50

OTHER CONTACTS: None

INSTITUTE: University of Windsor  
STREET: Department of Civil Engineering  
CITY: Windsor PROV.: Ont. PC: N9B 3P4  
AREA CODE: 519 NUMBER: 253-4232 EXTENSION: 2558  
CONTACT: Dr. J. T. Laba  
DEPARTMENT: Civil Engineering  
MAJOR RESEARCH INTERESTS: Reinforcement of soil, water resources

LANGUAGE PROFICIENCIES

#1: Polish  
#2: English  
OTHER: Some Eastern languages

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): Y

GRADUATE ENROLLMENT: 35

UNDERGRADUATE ENROLLMENT: 210

SIZE OF FACULTY: 10

OTHER CONTACTS: None



INSTITUTE: University of Windsor

TYPE (U/P): U

STREET: Department of Engineering Geology

CITY: Windsor

PROV.: Ont.

PC: N9B 3P4

AREA CODE: 519

NUMBER: 253-4232

EXTENSION: 2491

CONTACT: Dr. Peter Hudec, Professor

DEPARTMENT: Engineering Geology

MAJOR RESEARCH INTERESTS: Durability of Industrial Minerals

LANGUAGE PROFICIENCIES

#1: English

#2: Polish

OTHER: German, Czechoslovakian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Professor Frank Simpson has worked in Kenya in Oil Exploration

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Isn't sure what would be involved but is interested in receiving more information about it.

GRADUATE DEGREES OFFERED MSc. (Y/N): Y PhD. (Y/N): N

GRADUATE ENROLLMENT: 15

UNDERGRADUATE ENROLLMENT: 20

SIZE OF FACULTY: 11

OTHER CONTACTS: None

with Geology

INSTITUTE: University of Windsor  
STREET: Department of Geology  
CITY: Windsor  
AREA CODE: 519  
CONTACT: Dr. William Blackburn, Chairman  
DEPARTMENT: Geology  
MAJOR RESEARCH INTERESTS: Various topics within the department

TYPE (U/P): U  
PROV.: Ont.  
NUMBER: 253-4232  
PC: N9B 3P4  
EXTENSION: 2486

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: East Africa, Kenya, Uganda - research oriented

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: None

GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): N

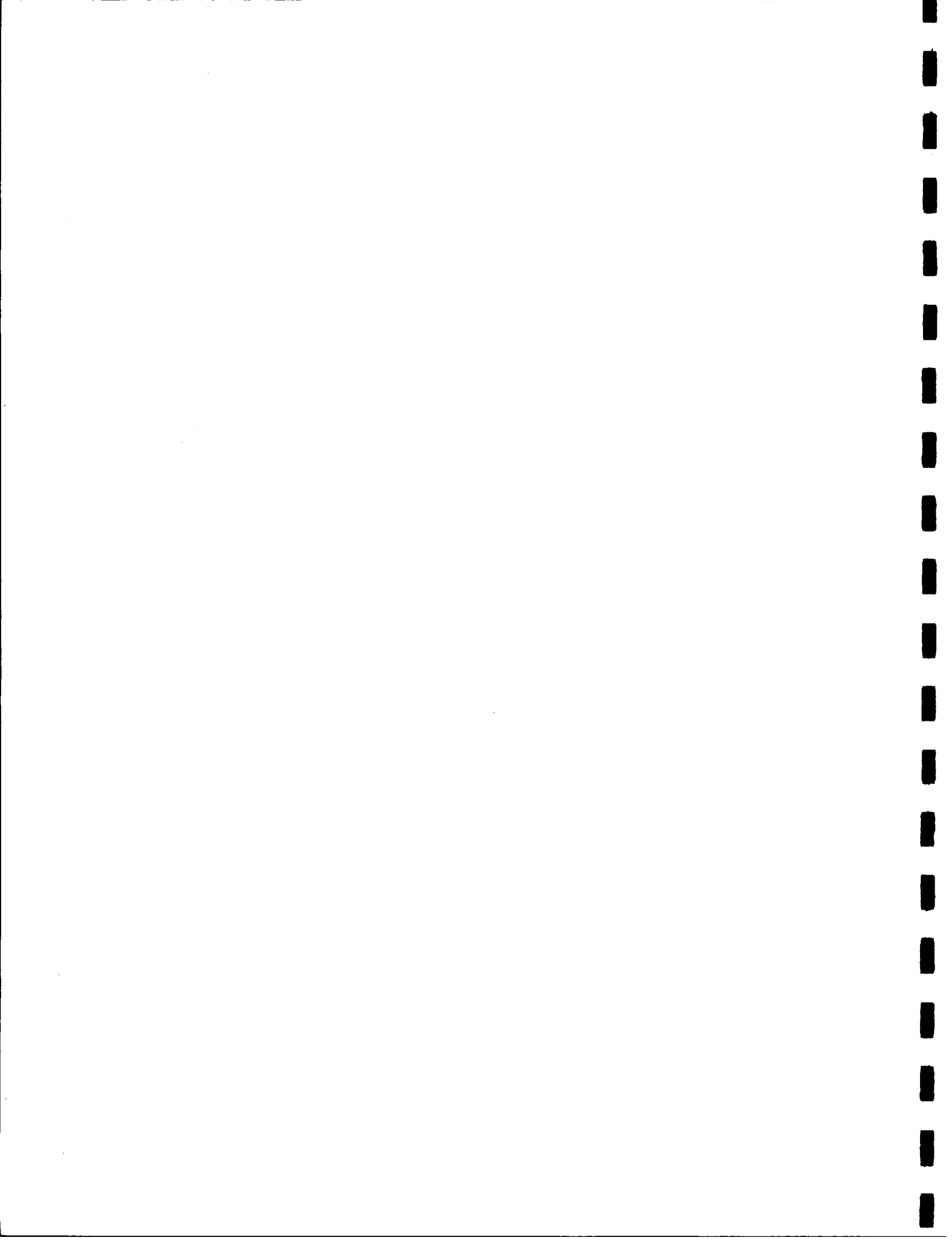
GRADUATE ENROLLMENT: 15-20

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: 12

OTHER CONTACTS: None





INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

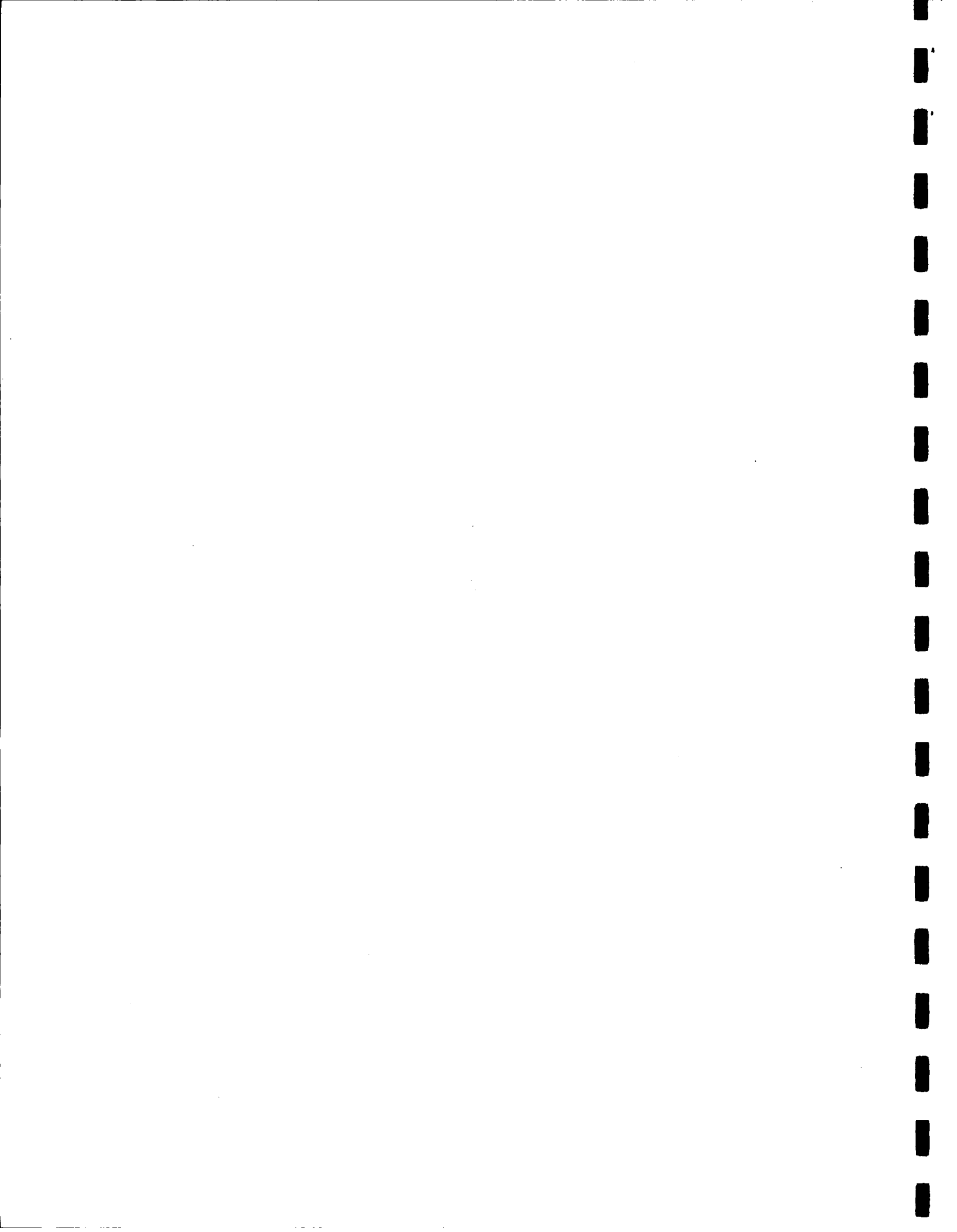
CENTRE FILE #3-A-88-2048

REPERTORY OF AGROGEOLOGY RESEARCH IN CANADA

PART B: PRIVATE COMPANIES

Prepared by:  
Dr. M. A. Powell,  
Department of Geology  
University of Western Ontario  
London, Ontario, Canada

Date Submitted: August 1, 1990



**PRIVATE COMPANIES INTERESTED IN AGROGEOLOGY PROJECTS  
IN THIRD WORLD COUNTRIES**

INSTITUTE	CONTACT
3-D Geo Consultants	Mr. Dwight Ball, President, Senior Geologist,
A.D.I. Limited	Mr. Andrew Steves, Marketing Co-Ordinator
Acres International Ltd.,	Mr. Zak Erzinclioglu, Head
Bio Genie, SRDC Inc.,	Mr. Jean Sansregret, Vice-President,
Cominco	Mr. Larry Collins, Manager
Dolmage	Mr. Joe Rotzien, Vice-President
Franklin Geotechnical Ltd.	Dr. John Franklin, President
Gemtec Limited	Mr. D. Demerchent, President
Geo Engineering	Mr. I. Jones, Senior Engineering Geologist
Hardy B.B.T. Ltd.	Mr. Igor Holubec, Principle Engineer
I.C.I. Inc.	Mr. Peter Staadecker, Product Manager
International Mineral and Chemical Corp.	Mr. Tom Davies, Manager
Jacques Whitford and Associates,	Mr. Steve Fudge, Environmental Engineer
John P. Anderly Ltd.	John P. Anderly, President
Kilborne Engineering	Mr. Ivan Eljarbo, Chief Metallurgical Engineer
Lockhart Explorations	Mr. Wayne Lockhart, President
M.P.C.	Mr. Sandy McVey, Senior Engineer
Mr. Merv Upham	Mr. Mervyn Upham
Neill and Gunter,	Mr. Steve Landry, President,
Philom Bios	Mr. John Shaw, Vice-President
Potash Company of America	Mr. B. Hamilton
Potash Company of America (Algoma)	Mr. Michael Parrott, Vice-President
Potash Corporation of Saskatchewan	Mr. Graham Strathbee, Director
Rayrock Yellowknife,	Ms. Jane Wilson, Manager
Rio Algon	Mr. Tom John
S. N. C. Inc.	Dr. R. Minto, Vice-President
Steffen, Robertson and Kirsten	Mr. John Barton-Bridges, Senior Geotechnical Engineer
Wright Engineering	Mr. Barry Needham, Vice-President

PRIVATE COMPANIES CONTACTED BUT NOT INTERESTED  
IN AGROGEOLOGY PROJECTS IN THIRD WORLD COUNTRIES

<u>INSTITUTE</u>	<u>CONTACT</u>
Canadian Salt Company	Mr. John Gillman, Vice President of Operations
Denison Mines	Mr. John Britt, Vice-President
Falconbridge	Mr. Tom Pugsley, Director
Lac Minerals,	Mr. Jerry Dallaire, Controller,
Noranda Minerals	Mr. Neil McLean, Vice President of Sales
Potash Company of Canada	Mr. David Hicks, Manager
Potash Phosphate Institute	Mr. Jim Beaton, President
Sherritt Gordon	Mr. Brian McLennan
Trigg, Woollatt and Olson	Mr. Barry Trigg



ALPHABETICAL LISTING OF  
DATA SHEETS FOR  
PRIVATE COMPANIES

INSTITUTE: 3-D Geo Consultants TYPE (U/P): P  
STREET: P. O. Box 3133, Stn. B.,  
CITY: Fredricton PROV.: N.B. PC: E3A 5G9  
AREA CODE: 506 NUMBER: 453-7700 EXTENSION:  
CONTACT: Mr. Dwight Ball, President, Senior Geologist,  
DEPARTMENT:  
MAJOR RESEARCH INTERESTS: Geological consulting

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: Y

COMMENTS: 3-D has worked for Potash companies in New Brunswick with respect to mine planning and process engineering.

OTHER CONTACTS: N/A

INSTITUTE: A.D.I. Limited  
STREET: P. O. Box 44, Stn. A.,  
CITY: Fredricton PROV.: N.B. PC: E3B 4Y2  
AREA CODE: 506 NUMBER: 452-9000 EXTENSION:  
CONTACT: Mr. Andrew Steves, Marketing Co-Ordinator

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Mechanical and electrical engineering, finding markets for industrial minerals.

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Ethiopian, Ghana, Hong Kong, Bangladesh, Czechoslovakian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: India - Industrial waste water treatment from distilleries to make fertilizers

PRESENT: CEDA - Bridge building in Jamaica

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: N

COMMENTS: Expertise in transporting, planning and marketing

OTHER CONTACTS: N/A

INSTITUTE: Acres International Ltd.,  
STREET: 5259 Dorchester Rd., P. O. Box 1001,  
CITY: Niagara Falls PROV.: Ont. PC: L2E 6W1  
AREA CODE: 416 NUMBER: 683-9141 EXTENSION:  
CONTACT: Mr. Zak Erzinclioglu, Head  
DEPARTMENT: Geotechnical Division  
MAJOR RESEARCH INTERESTS: Consulting engineers, environment division

LANGUAGE PROFICIENCIES

#1: English  
#2: Several within the company  
OTHER:

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: This international company works in several countries of the world on  
on several different projects

>PRESENT: Ongoing

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: They have soil physicists and agronomists on staff.

OTHER CONTACTS: Ms. Leslie Smyth, Environment Dept.  
Mr. T. Wardle, Vice President of Vancouver office >

INSTITUTE: Bio Genie, SRDC Inc.,

TYPE (U/P): P

STREET: 840 Ste. Therese,

CITY: Quebec City

PROV.: Que.

PC:

AREA CODE: 418

NUMBER: 681-9220

EXTENSION:

CONTACT: Mr. Jean Sansregret, Vice-President,

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Working with mining residue, work in environmental and agricultural related to soils (erosion and conservation)

LANGUAGE PROFICIENCIES

#1: French

#2: English

OTHER: Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: They have agricultural engineers there also.

OTHER CONTACTS: N/A

INSTITUTE: Canadian Salt Company  
STREET: 755 St. Jean Blvd., Suite 700,  
CITY: Pt. Pierre PROV.: Que. PC: H9R 5M9  
AREA CODE: 514 NUMBER: 630-0900 EXTENSION:  
CONTACT: Mr. John Gillman, Vice President of Operations  
DEPARTMENT:  
MAJOR RESEARCH INTERESTS: Salt

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Presently going through some growing problems. Not interested in taking on any new projects at this time.

OTHER CONTACTS: Jennifer Hannah, Marketing

Attachment:

INSTITUTE: Cominco *Engineering Consultants Ltd*

TYPE (U/P): P

STREET: 426 - 10333 Southport Road

CITY: Calgary

PROV.: Alta.

PC: P2W 3X6

AREA CODE: 403

NUMBER: 258-4600

EXTENSION:

CONTACT: Mr. Larry Collins, Manager

DEPARTMENT: Planning and Development

MAJOR RESEARCH INTERESTS: Phosphate rock mine in Montana

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Several within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Ecuador-confidential; Chile - fertilizer

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: Y

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: Y

: Y

BENEFICIATION OF RF (Y/N)

: Y

: Y

MINING RF (Y/N)

: Y

: Y

COMMENTS: Always interested in projects of this type

OTHER CONTACTS: Mr. George DeCannon, President, Vancouver, 604-682-0611



INSTITUTE: Denison Mines  
STREET: Royal Bank Plaza, P. O. Box 40, Suite 3900,  
CITY: Toronto PROV.: Ont. PC: M5J 2K2  
AREA CODE: 416 NUMBER: 865-1991 EXTENSION:  
CONTACT: Mr. John Britt, Vice-President  
DEPARTMENT: Marketing  
MAJOR RESEARCH INTERESTS: Mining

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: The company does own and operate a Potash mine in New Brunswick but are not interested in the third world.

OTHER CONTACTS: N/A



EBA (9)

INSTITUTE: Dolmage  
STREET: 1970-1055 West Hastings,  
CITY: Vancouver PROV.: B.C. PC: V6E 2E9  
AREA CODE: 604 NUMBER: 681-2345 EXTENSION:  
CONTACT: Mr. Joe Rotzien, Vice-President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Consulting Geological Engineers, have worked with industrial minerals, coal

LANGUAGE PROFICIENCIES

#1: English

#2: Several spoken within the company

OTHER:

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Indonesia, Africa, South America, Phillipines - Mining, dam site investigation and construction

PRESENT: Several projects, ongoing. Has worked with CEDA and The World Bank

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: N/A

OTHER CONTACTS: N/A

INSTITUTE: Falconbridge  
STREET: Commercial Court West, 40th Floor  
CITY: Toronto PROV.: Ont. PC: M5L 1D4  
AREA CODE: 416 NUMBER: 863-7000 EXTENSION:  
CONTACT: Mr. Tom Pugsley, Director  
DEPARTMENT: Mining, Engineering and Research  
MAJOR RESEARCH INTERESTS: Mining of base metals, precious metals

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Zimbabwe, Botswana, Dominican Republic and Chile - mining exploration

PRESENT: Ongoing

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: No interest in fertilizer

OTHER CONTACTS: N/A

Attachment:

INSTITUTE: Franklin Geotechnical Ltd.

TYPE (U/P): P

STREET: The Stream, R. R. #1,

CITY: Orangeville

PROV.: Ont.

PC: N9W 2Y8

AREA CODE: 519

NUMBER: 941-3392

EXTENSION:

CONTACT: Dr. John Franklin, President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: N/A

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER:

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Rock testing in India

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: N/A

OTHER CONTACTS: N/A

INSTITUTE: Gemtec Limited  
STREET: 55 Whiting Rd.,

TYPE (U/P): P

CITY: Fredricton

PROV.: N.B.

PC: E3B 5Y5

AREA CODE: 506

NUMBER: 453-1025

EXTENSION:

CONTACT: Mr. D. Demerchent, President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Geotechnical engineering, consulting in the areas of ground water and soils.

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: India - looking at pollution control facilities for distilleries

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Capable of feasibility studies, studies of aggregate materials, have done work with limestone.

OTHER CONTACTS: Jeff Dickinson

INSTITUTE: Geo Engineering

TYPE (U/P): P

STREET: 9 - 1915 32nd, N.E.,

CITY: Calgary

PROV.: Alta.

PC:

AREA CODE: 403

NUMBER: 250-8850

EXTENSION:

CONTACT: Mr. I. Jones, Senior Engineering Geologist

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Geo-technical engineering and consulting

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Spanish and Russian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Engineering studies in South America

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: Y

COMMENTS: Specialize in mine design

OTHER CONTACTS: N/A

INSTITUTE: Hardy B.B.T. Ltd.

TYPE (U/P): P

STREET: P. O. Box 746, 4810 - 93rd Street,

CITY: Edmonton

PROV.: Alberta

PC: P5J 2L4

AREA CODE: 403

NUMBER: 248-4331

EXTENSION:

CONTACT: Mr. Igor Holubec, Principle Engineer

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Engineering, geo-technical division, very diversified,  
(water resources, mining, geophysics, road building, pipe lines, etc.)

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Several spoken with in the company (400 employees)

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Thailand, Peru, Ethiopia, Indonesia, Iran - several projects

PRESENT: Tanzania - clay mine

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Certainly interested in hearing more about it.

OTHER CONTACTS: N/A

INSTITUTE: I.C.I. Inc.

TYPE (U/P): P

STREET: P. O. Box 5201, 252 Pall Mall Street

CITY: London

PROV.: Ont.

PC: N6A 4L6

AREA CODE: 519

NUMBER: 672-9220

EXTENSION:

CONTACT: Mr. Peter Staadecker, Product Manager

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Making and marketing fertilizer

LANGUAGE PROFICIENCIES

#1: English

#2: German

OTHER: Afrikanis

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Sout East Asia - Drilling operations

PRESENT: Liberia - production of mining explosives (on-going)

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: Y

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Interested but needs more information. They have a sister division that does the mining for them. They buy natural gas and turn it into ammonia.

OTHER CONTACTS: Unknown

INSTITUTE: International Mineral and Chemical Corp. TYPE (U/P): P  
STREET: P. O. Box 36  
CITY: Esterhazy PROV.: Sask. PC: SOA OXO  
AREA CODE: 306 NUMBER: 745-3931 EXTENSION:  
CONTACT: Mr. Tom Davies, Manager  
DEPARTMENT: Industrial Relations  
MAJOR RESEARCH INTERESTS: Potash producers, underground mining

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Several within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Hosts yearly World Food Conferences, environmental issues

PRESENT: Educational - 47 countries

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: N/A

OTHER CONTACTS: Mr. Tom Unzicker, Director, Public Affairs in Chicago  
708-272-9200

Attachment:



INSTITUTE: Jacques Whitford and Associates, TYPE (U/P): P  
STREET: 3 Spectacle Drive,  
CITY: Dartmouth PROV.: N.S. PC: B3B 1W4  
AREA CODE: 902 NUMBER: 468-7777 EXTENSION:  
CONTACT: Mr. Steve Fudge, Environmental Engineer  
DEPARTMENT:  
MAJOR RESEARCH INTERESTS: Consulting in all areas of engineering.

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Dutch, Spanish, Chinese

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Water Supply - W. Africa and in the Caribbean

PRESENT: Water and Sewer Development - Belize (CEDA)

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Have been working in Canada with limestone and gypsum  
The company has much expertise in looking at properties of materials.

OTHER CONTACTS: John Amirault, Head of Mining  
Wib Langley, Materials Specialist

INSTITUTE: John P. Anderly Ltd.

TYPE (U/P): P

STREET: P. O. Box 575

CITY: Fredricton

PROV.: N. B.

PC: E3B 5A6

AREA CODE: 506

NUMBER: 458-9070

EXTENSION:

CONTACT: John P. Anderly, President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Has just discovered and developed the largest Potash mine in New Brunswick

LANGUAGE PROFICIENCIES

#1: English

#2: Portuguese

OTHER: French

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Silvite and Carnilite in Thailand and Saudi Arabia (check spelling)

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: Y	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: Y	: Y
BENEFICIATION OF RF (Y/N)	: Y	: Y
MINING RF (Y/N)	: Y	: Y

COMMENTS: Expertise in exploration mainly, feasibility programs, underground work. Has been involved in several World Bank projects.

OTHER CONTACTS: N/A

INSTITUTE: Kilborne Engineering

TYPE (U/P): P

STREET: 357 - 3rd Ave. S.,

CITY: Saskatoon

PROV.: Sask.

PC: S7K 1M6

AREA CODE: 306

NUMBER: 664-2226

EXTENSION:

CONTACT: Mr. Ivan Eljarbo, Chief Metallurgical Engineer

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Engineering firm specializing in design and construction.

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Several others in the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Building, designing and appraising mines in Chile, Peru and Kenya

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Expertise in working with Potash

OTHER CONTACTS: N/A

Attachment:

INSTITUTE: Lac Minerals, TYPE (U/P): P  
STREET: Royal Bank Plaze, North Tower, 21st Floor,  
CITY: Toronto PROV.: Ont. PC: M5J 2J4  
AREA CODE: 416 NUMBER: 865-0722 EXTENSION:  
CONTACT: Mr. Jerry Dallaire, Controller,  
DEPARTMENT: Mining and Administration  
MAJOR RESEARCH INTERESTS: Mining

LANGUAGE PROFICIENCIES

#1: English  
#2: N/A  
OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

OTHER CONTACTS: N/A

INSTITUTE: Lockhart Explorations

TYPE (U/P): P

STREET: P. O. Box 515

CITY: Fredricton

PROV.: N.B.

PC: E3B 5A6

AREA CODE: 506

NUMBER: 454-3508

EXTENSION:

CONTACT: Mr. Wayne Lockhart, President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Industrial minerals, limestone

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Phillipines, South Africa, China, South America-exploration and consulting. Prospecting schools through the United Nations in the Phillipines

>PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Has most expertise in Exploration and Field Studies. He has not done a Third World study in 10 years and is presently looking for a project of this type. Very interested. Doesn't have the machinery but can get it. Also part owner of Sussex Silica, producers of high quality silica.

OTHER CONTACTS: N/A



INSTITUTE: M.P.C.

TYPE (U/P): P

STREET: 410 Jessop Ave.

CITY: Saskatoon

PROV.: Sask.

PC: S7J OR1

AREA CODE: 306

NUMBER: 955-0240

EXTENSION:

CONTACT: Mr. Sandy McVey, Senior Engineer

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Advanced contract mining, multi-skilled

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Zulu, Afrikaanis, Russian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Zambia - coal/iron ore mining

Korea, India - setting up distributors of mining equipment

PRESENT: Russia-trading commodities for western technology (Potash mining)

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: Y

: Y

BENEFICIATION OF RF (Y/N)

: Y

: Y

MINING RF (Y/N)

: Y

: Y

COMMENTS: This multi-disciplined company has been in the potash/fertilizer industry for years. They have strong capabilities in marketing and economic analysis.

OTHER CONTACTS: Mr. Dennis Mraz, President

Attachment:

INSTITUTE: Mr. Merv Upham

TYPE (U/P): P

STREET: 2900 Yonge Street, Apt. 606,

CITY: Toronto

PROV.: Ont.

PC: M4N 3N8

AREA CODE: 416

NUMBER: 482-1078

EXTENSION:

CONTACT: Mr. Mervyn Upham

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Consultant re underground mines when problems with unstable materials occur

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: Chile, Peru, Kenya - building, designing, appraising mines

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: Y

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: Y

COMMENTS: Mr. Upham is retired but still very involved in his work, particularly as a consultant in the mining industry

OTHER CONTACTS: N/A

INSTITUTE: Neill and Gunter,

TYPE (U/P): P

STREET: P.O. 713

CITY: Fredricton

PROV.: N.B.

PC: E3B 5B4

AREA CODE: 506

NUMBER: 452-7000

EXTENSION:

CONTACT: Mr. Steve Landry, President,

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Pulp and paper plants, power generation projects

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: N	: N

COMMENTS: Consulting only

OTHER CONTACTS: Mr. Paul Brooks, Mechanical Engineer



INSTITUTE: Noranda Minerals  
STREET: 220 Durocher St.,  
CITY: Montreal

PROV.: Que.

TYPE (U/P): P

AREA CODE: 514

NUMBER: 645-2311

PC: H1B 5H6

EXTENSION:

CONTACT: Mr. Neil McLean, Vice President of Sales

DEPARTMENT: Toronto Office

MAJOR RESEARCH INTERESTS: Potash mining

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: Y

: N

MINING RF (Y/N)

: N

: N

COMMENTS: They use phosphate rock at their plant but are not interested in agrogeology.

OTHER CONTACTS: Steve Heddle, Administrative Manager  
George Jones, Sales

INSTITUTE: Philom Bios

TYPE (U/P): P

STREET: 104-110 Research Dr., Innovation Place,

CITY: Saskatoon PROV.: Sask.

PC: S7N 3R3

AREA CODE: 306

NUMBER: 975-7055

EXTENSION:

CONTACT: Mr. John Shaw, Vice-President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Biological alternatives to using chemicals as  
fertilizer. PB50 - fungus that takes in soluble phosphate from the soil.

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Russian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: Y

MINING RF (Y/N)

: N

: N

COMMENTS: N/A

OTHER CONTACTS: Mr. John Cross, President

INSTITUTE: Potash Company of America (Algoma) TYPE (U/P): P  
STREET: 405 The West Mall, Suite 700  
CITY: Etobicoke PROV.: Ont. PC: M9C 5J1  
AREA CODE: 416 NUMBER: 620-7784 EXTENSION:  
CONTACT: Mr. Michael Parrott, Vice-President  
DEPARTMENT: Corporate Development  
MAJOR RESEARCH INTERESTS: Multi-national mining company, Potash

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: Several others within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: Y	: Y

COMMENTS: N/A

OTHER CONTACTS: Mr. J. Hamilton, Mining Department

INSTITUTE: Potash Company of America

TYPE (U/P): P

STREET: 405 The West Mall, Ssuite 700,

CITY: Etobicoke

PROV.: Ont.

PC: M9C 5J1

AREA CODE: 416

NUMBER: 620-7784

EXTENSION:

CONTACT: Mr. B. Hamilton

DEPARTMENT: Mining

MAJOR RESEARCH INTERESTS: Multi-national mining company, has a potash mine.

LANGUAGE PROFICIENCIES

#1: English

#2: Several in the company

OTHER:

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: Y

: Y

COMMENTS: May have the equipment

OTHER CONTACTS: Mr. Michael Parrott, Vice-President  
Corporate Development 416-367-4000

~~Attachment:~~

INSTITUTE: Potash Company of Canada  
STREET: 200 King Street West,  
CITY: Toronto PROV.: Ont.  
AREA CODE: 416 NUMBER: 598-5543  
CONTACT: Mr. David Hicks, Manager  
DEPARTMENT: Marketing  
MAJOR RESEARCH INTERESTS: Marketing Potash

TYPE (U/P): P

PC:  
EXTENSION:

LANGUAGE PROFICIENCIES

#1: English  
#2: Spanish  
OTHER: Several others within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS  
PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: N/A

OTHER CONTACTS: Mr. Louis Mendoza, Manager

INSTITUTE: Potash Corporation of Saskatchewan  
STREET: 122 - 1st Ave. South  
CITY: Saskatoon PROV.: Sask. PC: S7K 7G3  
AREA CODE: 306 NUMBER: 933-8500 EXTENSION:  
CONTACT: Mr. Graham Strathbee, Director  
DEPARTMENT: Research and Development  
MAJOR RESEARCH INTERESTS: Potash

LANGUAGE PROFICIENCIES

#1: English  
#2: Chinese  
OTHER: Iranian

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N  
DETAILS

PAST: British - Robinson Research in Saudi - evaporites

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: Y	: Y
MINING RF (Y/N)	: Y	: Y

COMMENTS: Mainly experienced in natural brines, nutrient rich, mainly potassium, Cl-fill fertilizers

OTHER CONTACTS: N/A

INSTITUTE: Potash Phosphate Institute

TYPE (U/P): P

STREET: 704 CN Towers,

CITY: Saskatoon

PROV.: Sask.

PC:

AREA CODE: 306

NUMBER: 652-3535

EXTENSION:

CONTACT: Mr. Jim Beaton, President

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Research and education on plant nutrients

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Several within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: China, Indonesia, Malaysia-research/education about plant nutrients

PRESENT: As above, ongoing.

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: N

: N

MINERALOGIC/FIELD STUDIES (Y/N)

: N

: N

BENEFICIATION OF RF (Y/N)

: N

: N

MINING RF (Y/N)

: N

: N

COMMENTS: N/A

OTHER CONTACTS: N/A

INSTITUTE: Rayrock Yellowknife,

TYPE (U/P): P

STREET: 30 Soudan St.,

CITY: Toronto

PROV.: Ont.

PC: M4S 1V6

AREA CODE: 416

NUMBER: 489-0022

EXTENSION:

CONTACT: Ms. Jane Wilson, Manager

DEPARTMENT: Investor Relations

MAJOR RESEARCH INTERESTS: Gold mining and Chloride free fertilizer, oil and gas

LANGUAGE PROFICIENCIES

#1: English

#2: French

OTHER: Several within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: N/A

PRESENT: Feasibility studies in Costa Rica, Ecuador, Chile

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY

CURRENTLY  
INVOLVED

FUTURE  
INTEREST

EXPLORATION (Y/N)

: Y

: Y

MINERALOGIC/FIELD STUDIES (Y/N)

: Y

: Y

BENEFICIATION OF RF (Y/N)

: Y

: Y

MINING RF (Y/N)

: Y

: Y

COMMENTS: Presently working with Langbeinite

OTHER CONTACTS: Mr. David Crombie, President



INSTITUTE: Rio Algon  
STREET: 120 Adelaide Street, West  
CITY: Toronto PROV.: Ont. PC: M5H 1W5  
AREA CODE: 416 NUMBER: 367-4000 EXTENSION:  
CONTACT: Mr. Tom John  
DEPARTMENT: Engineering  
MAJOR RESEARCH INTERESTS: Potash, leaching copper ores

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y  
DETAILS  
PAST: N/A

PRESENT: Chile - recovering copper from ore

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: Y
MINING RF (Y/N)	: Y	: Y

COMMENTS: Already mining Potash in Canada

OTHER CONTACTS: N/A

INSTITUTE: S. N. C. Inc. TYPE (U/P): P  
STREET: #2 Place Felix-Martin  
CITY: Montreal PROV.: Que. PC: H2Z 123  
AREA CODE: 514 NUMBER: 866 EXTENSION: 1000  
CONTACT: Dr. R. Minto, Vice-President  
DEPARTMENT: Mining and Metalurgy  
MAJOR RESEARCH INTERESTS: Engineering firm

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Spanish, Arabic

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y  
DETAILS

PAST: Feasibility study in Columbia through Inter-American Development Bank,  
trial mining project, beneficiation of phosphate fertilizers  
>PRESENT: Petro-chemical plant in China

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: Y	: Y
MINING RF (Y/N)	: N	: Y

COMMENTS: Well equipped, well experienced and very interested!

OTHER CONTACTS: Mr. Piers Ebsworth, Manager of Columbia Phosphate Project

INSTITUTE: Sherritt Gordon

TYPE (U/P): P

STREET: 1005 - 10104 103rd Ave.

CITY: Edmonton

PROV.: Alberta

PC: T5J 0H8

AREA CODE: 403

NUMBER: 426-3550

EXTENSION:

CONTACT: Mr. Brian McLennan

DEPARTMENT: Production

MAJOR RESEARCH INTERESTS: They buy potash and make it into fertilizer

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: Y	: N
MINING RF (Y/N)	: N	: N

COMMENTS: Not interested

OTHER CONTACTS: Mr. Reg Tolliver, Manager of Fertilizer Production  
403-998-6903

INSTITUTE: Steffen, Robertson and Kirsten TYPE (U/P): P  
STREET: 801-1030 W. Georgia  
CITY: Vancouver PROV.: B.C. PC: V6C 3B6  
AREA CODE: 604 NUMBER: 681-4196 EXTENSION:  
CONTACT: Mr. John Barton-Bridges, Senior Geotechnical Engineer  
DEPARTMENT:  
MAJOR RESEARCH INTERESTS: Consulting Engineering, Geology

LANGUAGE PROFICIENCIES

#1: English  
#2: French  
OTHER: Spanish

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: Africa - Mining

PRESENT: Their British office does a lot of work in the 3rd world

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: Y
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: Y

COMMENTS: They would also be able to provide a database for handling the geological applications

OTHER CONTACTS: Mr. Chris Page, Head of Mining

INSTITUTE: Trigg, Woollatt and Olson

TYPE (U/P): P

STREET:

CITY: Calgary

PROV.: Alberta

PC:

AREA CODE: 403

NUMBER: 525-8905

EXTENSION:

CONTACT: Mr. Barry Trigg

DEPARTMENT:

MAJOR RESEARCH INTERESTS: Consulting Company - Mineral composition, mining

LANGUAGE PROFICIENCIES

#1: English

#2: N/A

OTHER: N/A

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): N

IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): N

DETAILS

PAST: N/A

PRESENT: N/A

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): N

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): N

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): N

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: N	: N
MINERALOGIC/FIELD STUDIES (Y/N)	: N	: N
BENEFICIATION OF RF (Y/N)	: N	: N
MINING RF (Y/N)	: N	: N

COMMENTS: No expertise or interest in this project

OTHER CONTACTS: N/A

Attachment:

INSTITUTE: Wright Engineering  
STREET: 1444 Alberni  
CITY: Vancouver PROV.: B.C. PC:  
AREA CODE: 604 NUMBER: 684-9371 EXTENSION:  
CONTACT: Mr. Barry Needham, Vice-President  
DEPARTMENT: Finance Administration  
MAJOR RESEARCH INTERESTS: Mining - design and mineral processing

LANGUAGE PROFICIENCIES

#1: English  
#2: Spanish  
OTHER: Several others within the company

HAS THE INSTITUTE BEEN INVOLVED IN A THIRD WORLD STUDY IN THE PAST (Y/N): Y  
IS THE INSTITUTE CURRENTLY INVOLVED IN A THIRD WORLD STUDY (Y/N): Y

DETAILS

PAST: South America, Spain, Portugal-mine design; Iran-exploration in

>PRESENT: Mauritania - mining

IS THE INSTITUTE INTERESTED IN A PROJECT OF THIS TYPE (Y/N): Y

IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

DOES THE INSTITUTE HAVE THE NECESSARY EQUIPMENT (Y/N): Y

ASPECTS OF AGROGEOLOGY	CURRENTLY INVOLVED	FUTURE INTEREST
EXPLORATION (Y/N)	: Y	: Y
MINERALOGIC/FIELD STUDIES (Y/N)	: Y	: Y
BENEFICIATION OF RF (Y/N)	: Y	: Y
MINING RF (Y/N)	: Y	: Y

COMMENTS:

OTHER CONTACTS: Mr. Terry O'Kane, Vice-President of Development  
Mr. Robert Pendrigh, Vice-President of Process Mining



