



International Development Research Centre
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Date: August 17, 1990

To/À: See Distribution Below

From/De: *Sherley 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.

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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**

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

<u>INSTITUTE</u>	<u>CONTACT</u>	<u>DEPARTMENT</u>
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
Royal Military College of Canada	Dr. R. J. Mitchell	Civil Engineering
	Ms. Jana Kuska	Geological Sciences
	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
AREA CODE: 514
CONTACT: Dr. H. B. Poorooshab

TYPE (U/P): U
PROV.: Que. PC: H4B 1R6
NUMBER: 848-7800 EXTENSION:

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 Ph.D. (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
CONTACT: Dr. Paul Schenk, Professor
DEPARTMENT: Geology
MAJOR RESEARCH INTERESTS: Sedimentology

TYPE (U/P): U

PC: B3H 3J5

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
SAURAIT LE DEP.*

OTHER CONTACTS: N/A

INSTITUTE: Ecole Polytechnique of Montreal
STREET: C. P. 6079, Succ. A.,
CITY: Montreal PROV.: Que. PC: H3C 3A7
AREA CODE: 514 NUMBER: 343-6111 EXTENSION:
CONTACT: Dr. Denis Gill, Professor
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 Ph.D. (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
AREA CODE: 418
CONTACT: Dr. Robert Lagacy, Assoc. Prof.
DEPARTMENT: Agricultural Engineering
MAJOR RESEARCH INTERESTS: Soil and Water Management

TYPE (U/P): U
PROV.: Quebec
NUMBER: 656-2276
PC: G1K 7P4
EXTENSION:

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 Ph.D. (Y/N): N

GRADUATE ENROLLMENT: 20

UNDERGRADUATE ENROLLMENT: 100

SIZE OF FACULTY: 7

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

INSTITUTE: Laval University TYPE (U/P): U
 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 PhD. (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

CRDI
CRDI
Guinée (CRDI)

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 Ph.D. (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
CONTACT: Dr. Pierre Choquette, Professor
DEPARTMENT: Mining
MAJOR RESEARCH INTERESTS: Mine Construction

TYPE (U/P): U
PC: G1K 7P4
EXTENSION:

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 Ph.D. (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 Ph.D. (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,
CITY: Hamilton

TYPE (U/P): U

AREA CODE: 416

PROV.: Ont.
NUMBER: 525-9140

PC: L8S 4L7
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 Ph.D. (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 TYPE (U/P): U
 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

TYPE (U/P): U

CITY: Kingston PROV.: Ont.
AREA CODE: 613 NUMBER: 545-6032

PC: K7L 3NG
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 Ph.D. (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
CONTACT: Ms. Jana Kuska
DEPARTMENT: Geological Sciences
MAJOR RESEARCH INTERESTS: Geochemistry

TYPE (U/P): U

PC: K7L 3N6
EXTENSION:

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 Ph.D. (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 Ph.D. (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
STREET: P. O. Box 1000
CITY: Halifax PROV.: N.S.
AREA CODE: 902 NUMBER: 420-7681
CONTACT: Dr. L. D. Baikie, Professor
DEPARTMENT: Civil Engineering
MAJOR RESEARCH INTERESTS: Water resources

TYPE (U/P): U
PC: B3J 2X4
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): 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 Ph.D. (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
AREA CODE: 902
CONTACT: Dr. Benabdullah, Assoc. Prof.

TYPE (U/P): U
PROV.: N.S.
NUMBER: 420-7727
EXTENSION:
PC: B3J 2X4

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 - fertlizer 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
CONTACT: Dr. Brian Chatterton
DEPARTMENT: Geology
MAJOR RESEARCH INTERESTS: Unknown

TYPE (U/P): U

PC: T6G 2G7

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: 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. Segó
DEPARTMENT: Civil Engineering
MAJOR RESEARCH INTERESTS: Permafrost

TYPE (U/P): U
PC: T6G 2G7
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 TYPE (U/P): U
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.

DAM SAFETY project
IBRC ?

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 TYPE (U/P): U
 STREET: Department of Soil Science
 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 *Land Resource Science*
 #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: 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 TYPE (U/P): U
 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 PhD. (Y/N): Y
 GRADUATE ENROLLMENT: 28
 UNDERGRADUATE ENROLLMENT: 65
 SIZE OF FACULTY: 25-30

OTHER CONTACTS: Dr. J. Graham, Chairman

*with geologist etc.
 , Winnipeg.*

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 Ph.D. (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
STREET: 770 King Edward Ave.,
CITY: Ottawa
AREA CODE: 613

PROV.: Ont.
NUMBER: 564-5750

TYPE (U/P): U
PC: K1N 9B4
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 (CRDi)

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 Ph.D. (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 Ph.D. (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 } IBRC

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
STREET: Department of Geological Sciences,
CITY: Saskatoon PROV.: Man.
AREA CODE: 204 NUMBER: 966-5703
CONTACT: Dr. J. M. Reeves, Professor,
DEPARTMENT: Geological Sciences
MAJOR RESEARCH INTERESTS: Rock Mechanics of Potash Products

TYPE (U/P): U

PC: S7N 0W0

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

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 Ph.D. (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
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 Ph.D. (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 Ph.D. (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-stratigraphy 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 Ph.D. (Y/N): Y

GRADUATE ENROLLMENT: 120

UNDERGRADUATE ENROLLMENT: 400

SIZE OF FACULTY: 37

OTHER CONTACTS: None

INSTITUTE: University of Toronto
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 Ph.D. (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 Ph.D. (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

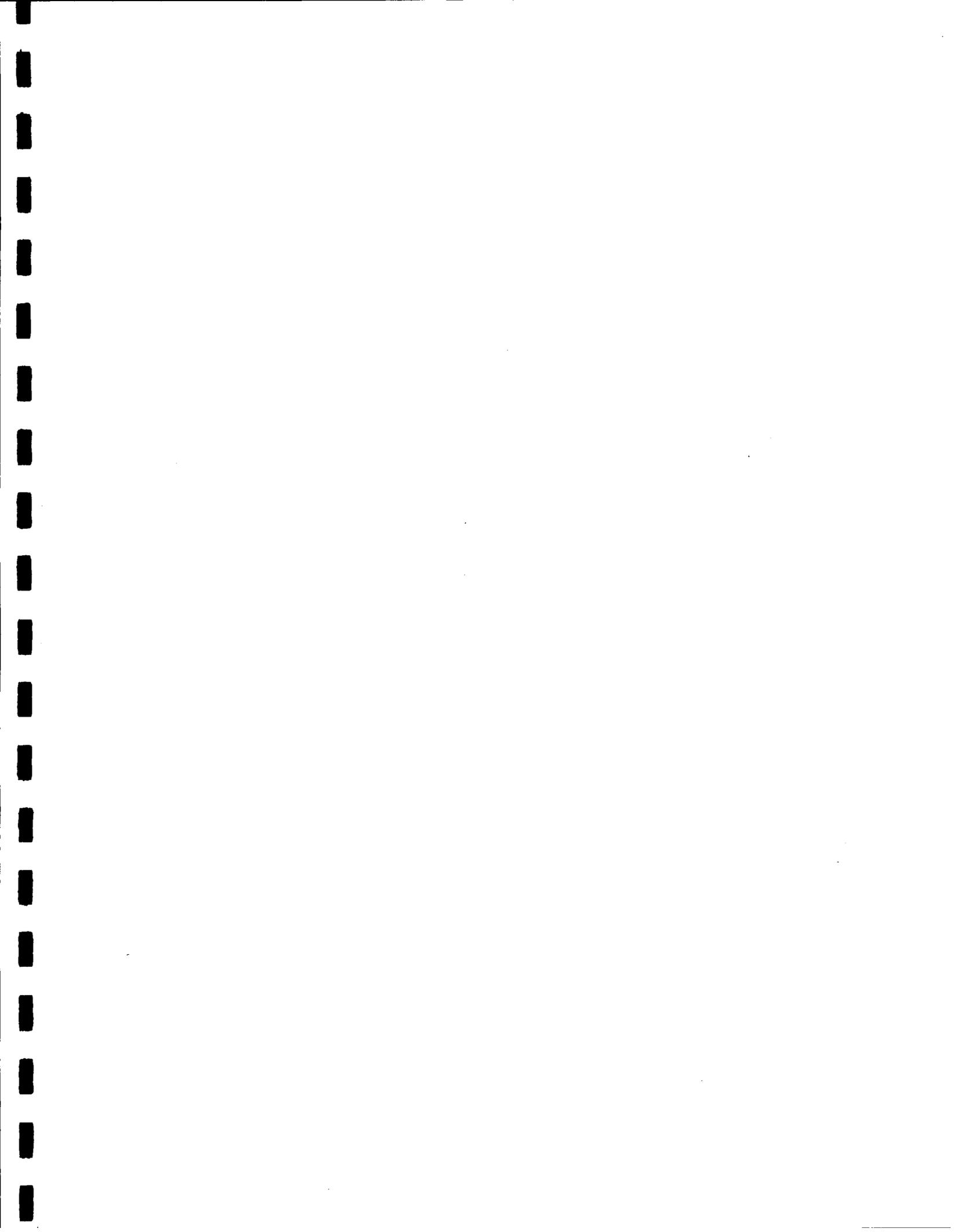
GRADUATE DEGREES OFFERED MSc. (Y/N): Y Ph.D. (Y/N): N

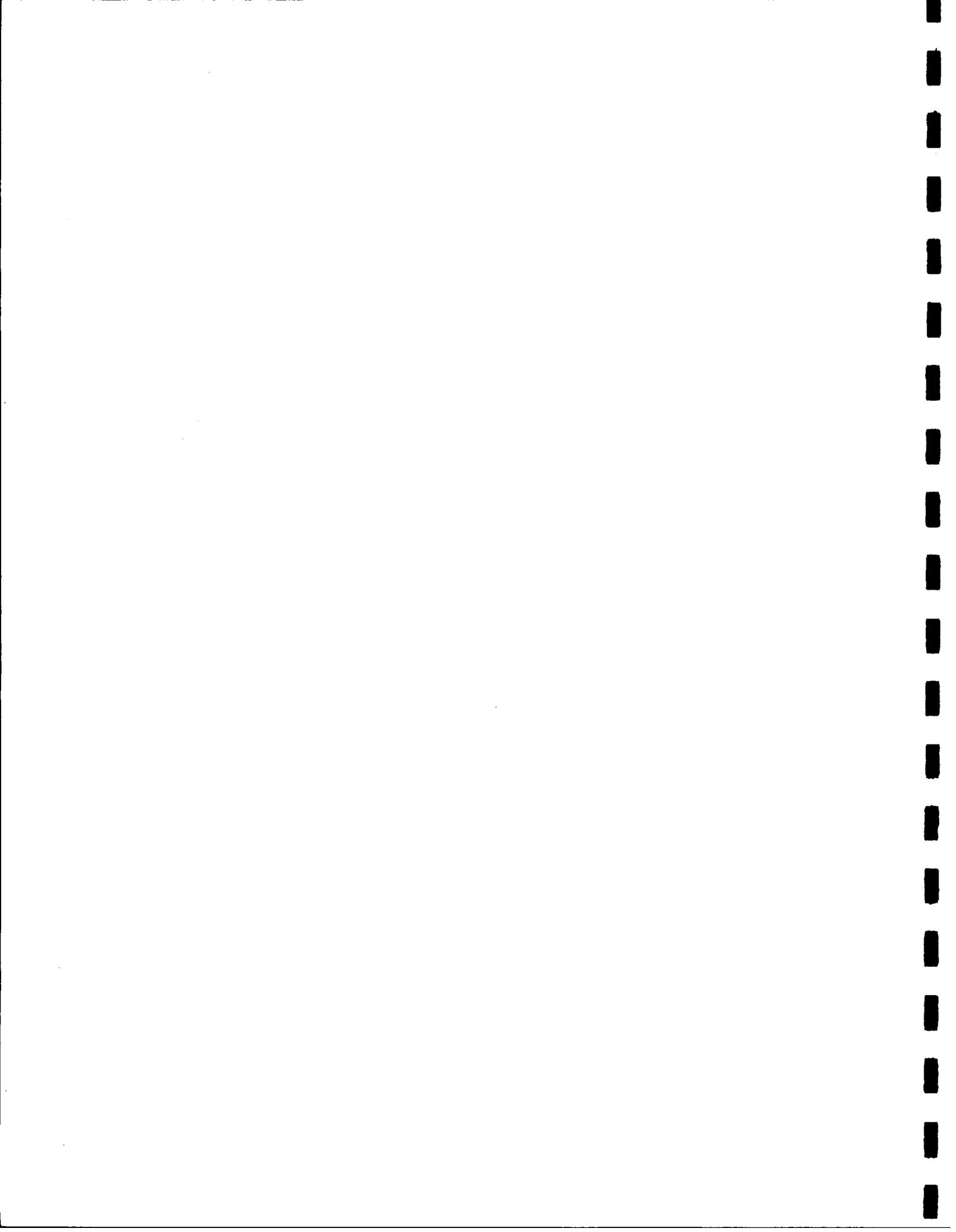
GRADUATE ENROLLMENT: 15-20

UNDERGRADUATE ENROLLMENT: Unknown

SIZE OF FACULTY: 12

OTHER CONTACTS: None





INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

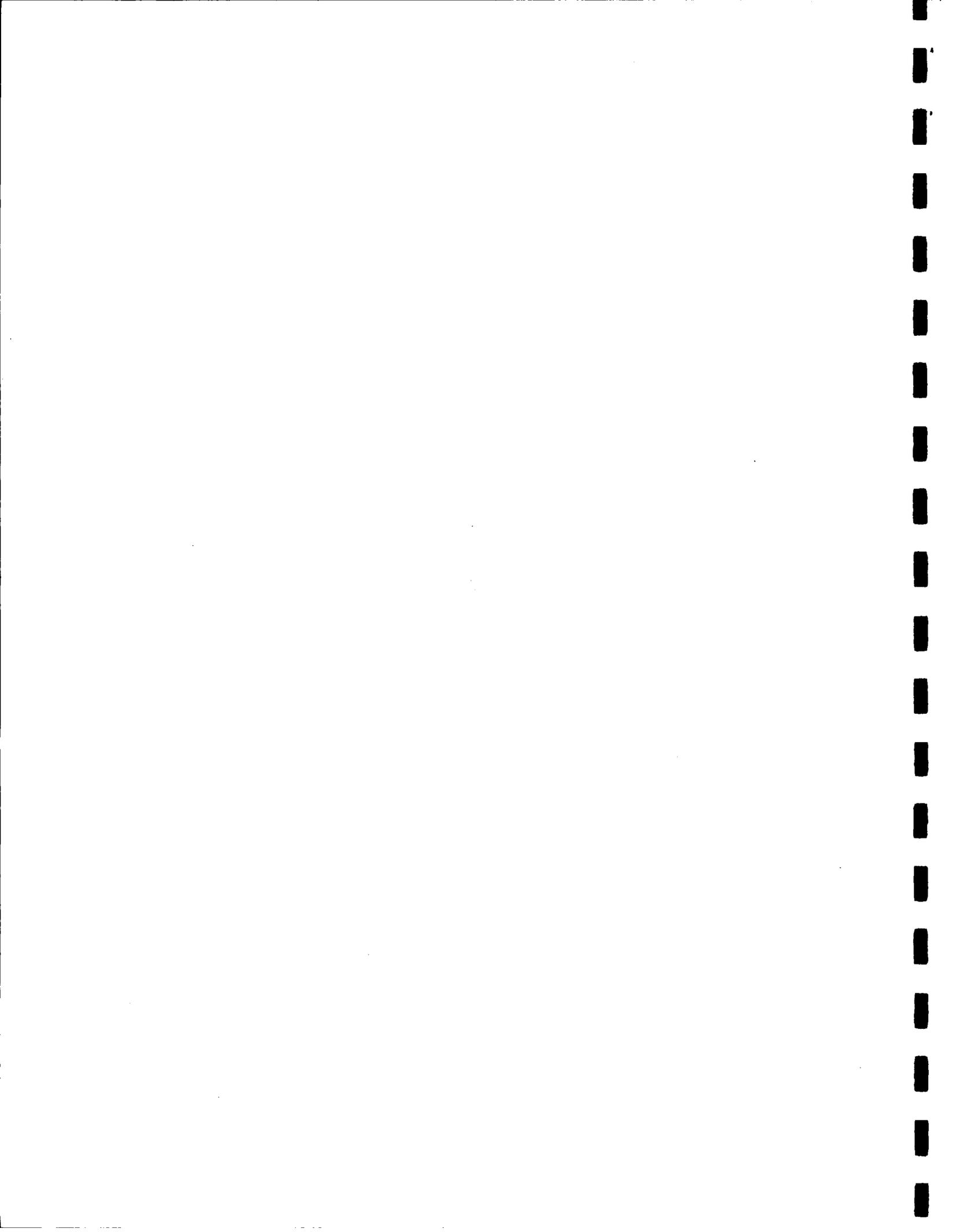
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REPERTORY OF AGROGEOLOGY RESEARCH IN CANADA

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**

<u>INSTITUTE</u>	<u>CONTACT</u>
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. Demercent, 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 TYPE (U/P): P
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., TYPE (U/P): P
 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
AREA CODE: 416
CONTACT: Mr. Tom Pugsley, Director
DEPARTMENT: Mining, Engineering and Research
MAJOR RESEARCH INTERESTS: Mining of base metals, precious metals

TYPE (U/P): P
PROV.: Ont.
NUMBER: 863-7000
EXTENSION:
PC: M5L 1D4

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 TYPE (U/P): P
 STREET: 55 Whiting Rd.,
 CITY: Fredricton PROV.: N.B. PC: E3B 5Y5
 AREA CODE: 506 NUMBER: 453-1025 EXTENSION:
 CONTACT: Mr. D. Demercent, 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
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
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.
STREET: 410 Jessop Ave.
CITY: Saskatoon
AREA CODE: 306

PROV.: Sask.
NUMBER: 955-0240

TYPE (U/P): P
PC: S7J OR1
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. PC: H1B 5H6
AREA CODE: 514 NUMBER: 645-2311 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
STREET: 104-110 Research Dr., Innovation Place,
CITY: Saskatoon PROV.: Sask.
AREA CODE: 306 NUMBER: 975-7055
CONTACT: Mr. John Shaw, Vice-President

TYPE (U/P): P

PC: S7N 3R3

EXTENSION:

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
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 1Z3
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
STREET: 1005 - 10104 103rd Ave.
CITY: Edmonton PROV.: Alberta PC: T5J OH8
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
AREA CODE: 604
CONTACT: Mr. Barry Needham, Vice-President
DEPARTMENT: Finance Administration
MAJOR RESEARCH INTERESTS: Mining - design and mineral processing

TYPE (U/P): P
PROV.: B.C.
NUMBER: 684-9371
EXTENSION:
PC:

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

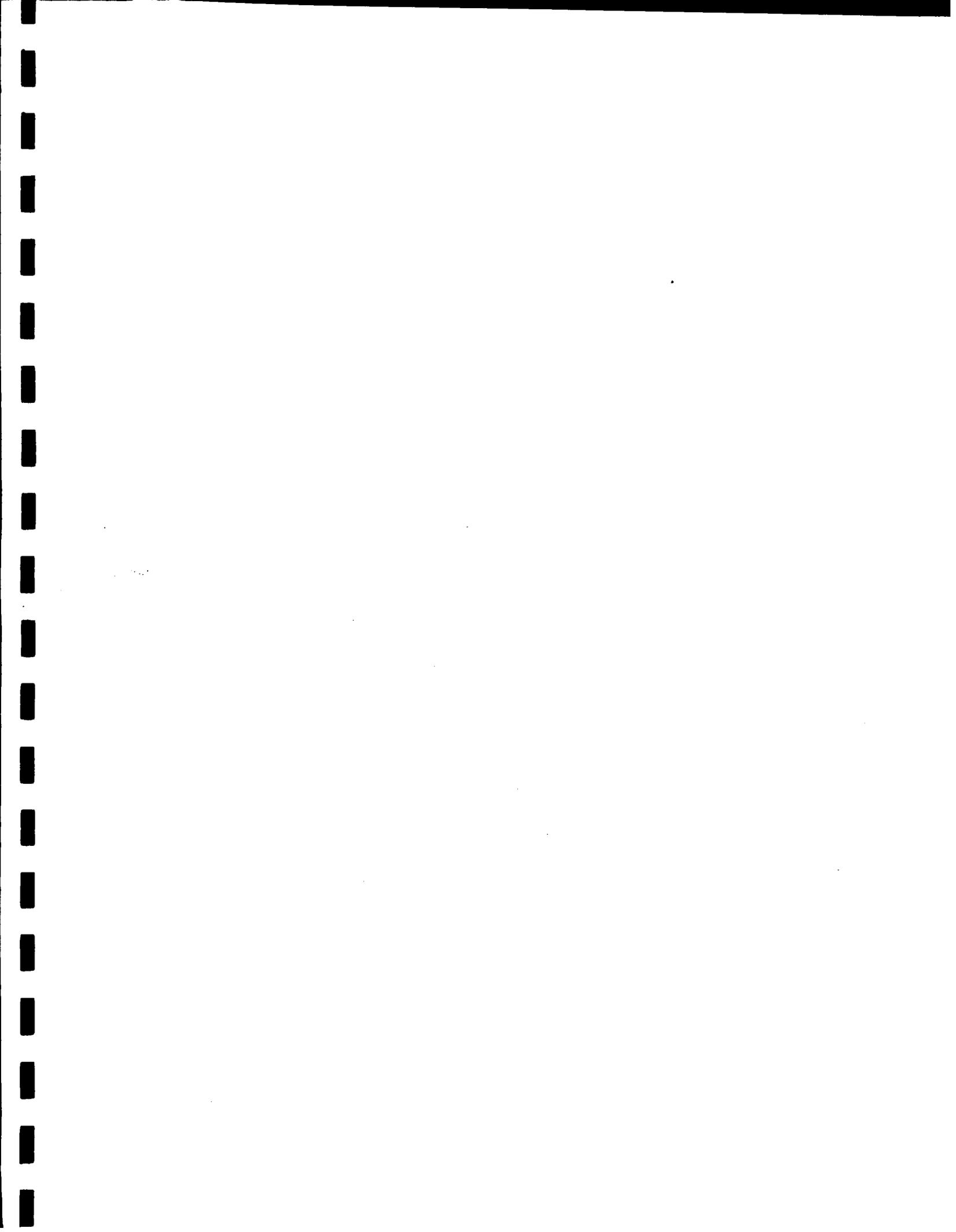
IS THE INSTITUTE CAPABLE OF DOING AGROGEOLOGY (Y/N): Y

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



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