



Mackenzie Valley Environmental Impact Review Board

Box 938 , 5102-50th Avenue, Yellowknife, NT X1A 2N7
www.mveirb.nt.ca

From: Sherry Sian Fax: 867-766-7074
EAO Phone: 867-766-7063
Date: November 18, 2003 Pages: 15 including this page
To: Consolidated Goldwin Ventures Fax:
North American General
Resources Corporation
New Shoshoni Ventures
CC: MVLWB
Subject: Credentials for Joint Public Hearing (EA-03-002, EA-03-003, EA-03-004)

NOTES:

The credentials of Mr. Paul Cowley (North American General Resources Corp.) and Mr. Rick Hoos (consultant to all developers) were distributed previously.

This package contains the CVs for the experts of the YKDFN:

Mr. Luciano Azzolini
Mr. Randy Freeman
Mr. Callum Thompson

CVs are expected for NSMA's expert, Mr. Marc Stevenson shortly.

Sherry Sian

From: Luciano Azzolini [TerraFirma@theedge.ca]
Sent: Saturday, November 01, 2003 11:14 PM
To: Sherry Sian
Cc: Thomsonheritage
Subject: FW: Preparing for public Hearings



JCT CV.doc (51 KB) Oct 1-03 Terra.PDF
(49 KB)

Sherry as per MVEIRB requirements for CV's please find attached mine and Mr. Thomson's. As I receive Mr. Freeman's I will provide it.

Regards,
LA

Louie Azzolini, Dip. Planning, M.A., M.B.A.
Terra Firma Consultants
Yellowknife, NT.
Phone 867-873-9348
Fax 867-873-2629
Cellular 867-444-5469

LUCIANO AZZOLINI, M.C.I.P, Dip. Planning, M.A., M.B.A.

Terra Firma Consultants

Terra Firma also provides private and public sector organizations management advice in the following areas.

- Expert advice on quasi-judicial environmental assessment, licencing, and permitting processes and procedures.
- Management and Facilitation of complex regulatory processes.
- Resolution of complex environmental issues.
- Socio-economic impact assessment.
- Advice in the design and implementation of regulatory policy instruments.
- Research, design and facilitation of Policy development.
- Advice in the planning and development of urban and rural communities.
- Urban management and subdivision planning.
- Preparation of discussion and policy papers.
- General decision-support analyses and recommendations.
- Program and operational evaluations.
- Preparation of private and public sector business and strategic plans.
- Budgeting and financial planning.

Work Chronology

Principal of Terra Firma Consultants. Providing Planning, policy, research and writing services for the private and public sectors, 2003-Present.

Mackenzie Valley Environmental Impact Review Board, 1998 – 2003. Responsible for project screening, environmental assessment and environmental impact reviews. In this

capacity involved with First Nation consultation, mediation, facilitation and community consultation.

UMA™ Group. Senior Planner involved in all aspects of planning, urban design, urban development, and environmental impact assessment, 1993- 1998.

Urban Systems Ltd.™ responsible for urban and rural policy and planning. Richmond, British Columbia, 1990 – 1991.

Planner Government of the Northwest Territories, Department of Municipal and Community Affairs, 1988 – 1990.

Planning Technician Government of the Northwest Territories, 1981-1984.

Academic Credentials

- M.B.A., Athabasca University.
- M.A., Urban and Regional Planning, University of British Columbia.
- Bachelor of Arts, University of Manitoba.
- Diploma in Urban and Regional Planning, Northern Alberta Institute of Technology.

Louie is a member of the Canadian Institute of Planners, the NWT Appeal Tribunal, and the International Association of Impact Assessors.

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Terra Firma Consultants

J. CALLUM THOMSON

EDUCATION Ph.D. candidate (ABD), Anthropology, Bryn Mawr College, Pennsylvania.
M.A., Anthropology, Bryn Mawr College, Pennsylvania, 1988.
B.A. (Honours), Archaeology, University of Calgary, Calgary, Alberta, 1979.

CAREER SUMMARY

2003-present **Thomson Heritage Consultants, Calgary, AB**
Principal

1997-2003 **Jacques Whitford Environment Limited, Calgary, AB**
Senior Scientist; National Manager, Archaeology and Heritage Planning

1990-1997 **Jacques Whitford Environment Limited, Dartmouth, NS**
Senior Archaeologist, Heritage Resources Consultant

1989-1990 **LeDrew, Fudge and Associates, St. John's, NF**
Archaeologist, Heritage Resources Consultant

1985-1989 **Newfoundland Museum, St. John's, NF**
Curator of Archaeology and Ethnology, Provincial Archaeologist

RELEVANT EXPERIENCE

Selected Historic Resources Impact Assessments, Mitigation and Monitoring Projects

Selected Mineral Exploration and Development

- Preliminary archaeological inventory and assessment of mineral exploration areas around Drybones Bay, Great Slave Lake, NT, Yellowknives Dene First Nation, Dettah (in progress 2003)
- Archaeological inventory and assessment of proposed winter access route and exploration drilling areas around Kennady Lake, District of Mackenzie, NT, De Beers Canada Exploration Inc., Yellowknife (in progress 2003)
- Archaeological field inventory and assessment of exploration areas in vicinity of Rockinghorse Lake (locations confidential), NU, De Beers Canada Exploration Inc., Yellowknife (in progress 2003)
- Archaeological field inventory and assessment of exploration area in vicinity of Lac de Gras (confidential), NT, De Beers Canada Exploration Inc., Yellowknife (in progress 2003)
- Archaeological overview assessment of mineral exploration activities and road and port development in the vicinity of Izok Lake, Bathurst Inlet and Kugluktuk, Nunavut, Canadian Arctic Resources Committee, Ottawa
- Archaeological assessment of proposed 150 km winter access route from Contwoyto Lake to mineral exploration area south of Coronation Gulf (location confidential), NU, De Beers Canada Exploration Inc., Yellowknife, with assistant from Cambridge Bay, NU
- Archaeological assessment of proposed 100 km winter access route from MacKay Lake to Snap Lake to Munn Lake, NT, to service mineral exploration properties at Snap Lake and Kennady Lake, NT, for Winspear, De Beers, and Monopros, Yellowknife, with Yellowknives Dene

- Planning exercise for archaeological impact assessment of potential mineral development site and access route, Kennady Lake, NT, as part of scoping for Environmental Assessment process, De Beers Canada Exploration Inc., Yellowknife
- Archaeological overview for proposed beryllium mine site, Thor Lake, East Arm Great Slave Lake, and processing site at Hay River, NT, Highwood Resources Inc., Calgary
- Archaeological overview assessments of 15 mineral exploration properties (locations confidential) in the Northwest Territories and Nunavut for Monopros Limited and De Beers Canada Exploration Inc., Yellowknife
- Archaeological inventory and assessment of mineral exploration and development area, Kennady Lake, District of Mackenzie, NT, Monopros Limited, Yellowknife, with Lutsel K'e Dene
- Archaeological inventory and assessment of 120 km winter access route from MacKay Lake to Kennady Lake, District of Mackenzie, NT, Monopros Limited, Yellowknife, with Yellowknives Dene, North Slave Metis Alliance, and Lutsel K'e Dene
- Archaeological reconnaissance and preliminary assessment of two eskers prior to extraction of aggregate, Kennady Lake, District of Mackenzie, NT, Monopros Limited, Yellowknife
- Archaeological reconnaissance of mineral exploration/development area, Kennady Lake, District of Mackenzie, NT, Monopros Limited, Yellowknife, with Lutsel K'e Dene
- Identification of potential sites for nickel smelter and refinery, Newfoundland and Labrador, Bechtel Engineering Inc., North York, Ontario
- Stage 1 assessment of advanced exploration infrastructure (portsite, 12 km access road, exploration camps, runways, borrow pits), Voisey's Bay mineral exploration area; preliminary inventory and assessment of 100 km² baseline study area, Voisey's Bay; Stage 1 field assessment of 15 remote exploration areas between Nain and Kiglapait Mountains, Labrador (NL), Voisey's Bay Nickel Company (Diamond Fields Resources), with Labrador Inuit Association and Innu Nation
- Stage 1 field assessment of proposed drilling areas in three mineral exploration blocks between Okak Bay and Nain Bay, Labrador (NL), Birchwood Ventures Ltd., Vancouver
- Reconnaissance of proposed drilling areas in mineral exploration block at Nain, Labrador (NL), NDT Ventures Inc., St. John's
- Stage 1 field assessment of proposed drilling areas in mineral exploration block southwest of Okak Bay, Labrador (NL), Columbia Yukon Resources, Halifax
- Assessment and mitigation at Tally Pond/Duck Pond mine site, Central Newfoundland (NL), Noranda Minerals Inc., Toronto

Selected Linear Utility Corridors and Highways

- Overview assessment of proposed community trails in the vicinity of Kugluktuk, Taloyoak and Rankin Inlet, Nunavut
- Preparation of permit application for archaeological assessment of 280 km all-season road in Nunavut (project not awarded)
- Archaeological impact assessment of 2 km new highway, Kamsack, SK, Rural Municipality of Cote, SK

- Archaeological mitigation for toll highway bridge construction at Maritime Woodland site, Grand Meadows, Jemseg, NB, Maritime Road Development Corporation, Fredericton, with Oromocto and Kingsclear Maliseet First Nation
- Archaeological overview of proposed Slave Geological Province transportation corridor from Yellowknife, NT to Bathurst Inlet, NU, Ferguson Simek Clark, Yellowknife
- Stage 1 assessment of Trans-Labrador Highway route from Red Bay to Cartwright, Labrador (NL), Department of Works, Services and Transportation, St. John's (Technical Advisor)
- Archaeological overview assessment of 10 km power transmission line route from Howe Sound to proposed McNab Creek LNG storage facility site, Howe Sound, BC, Westcoast Gas Services Inc., Vancouver
- Archaeological assessment of 120 km natural gas lateral pipeline route from Westville to Dartmouth, NS, Maritimes and Northeast Pipeline Corporation, Halifax
- Overview assessment of proposed new water line pumphouse location, Kalium, SK
- Preliminary work plan for archaeological assessment of Lower Churchill power generation and transmission facilities, Labrador (NL), Newfoundland Hydro, St. John's
- Assessment of 15 km power transmission line route from Spider Lake to Burnside, Halifax County, NS, Nova Scotia Power, Halifax
- Initial environmental evaluation of 5 km pipeline route from Boat Harbour effluent treatment facility to Northumberland Strait, Pictou County, NS, NSDSS, Halifax
- Assessment of 8 km corridor for new Highway 103, Barrington, NS, NSDoTC, Halifax
- Assessment of 16 km corridor for new Highway 104, Salt Springs to Alma, NS, NSDOTC, Halifax
- Assessment of 287 km power transmission line between Point Aconi, Cape Breton County, and Hopewell, Pictou County, NS, Nova Scotia Power, Halifax
- Archaeological testing and mitigation of new Trans Canada Highway route, Doak Settlement, Coytown, Canaan Rapids and Lewiston Road, between Fredericton and Moncton, NB, NBDOT, Fredericton
- Assessment of fabrication yards for Confederation Bridge construction at Bayfield, NB and Borden, PEI, Strait Crossing Inc., Charlottetown
- Assessment of 7 km transmission line route, Clair to St. Francois, NB, NB Power, Fredericton
- Assessment of new 37 km highway route between Petitcodiac and Moncton NB, NBDOT, Fredericton

Selected Municipal Services and Industrial Development

- Historical resources overview of proposed wind farm, Soderglen, AB, GW Power Corp, Calgary (in progress, 2003)
- Historical resources assessments of proposed wind farm, Pincher, AB, Canadian Hydro, Calgary
- Historical resources assessments of proposed wind farm, Cowley Ridge, AB, Canadian Hydro, Calgary
- Historical resources impact assessment of Royal Oak Residential Subdivision, Calgary, AB, Pacific Investments & Development Ltd., Calgary

- Historical resources impact assessment of Whoop-Up Drive Improvement Project (Oldman River bridge crossing), Lethbridge, AB, City of Lethbridge
- Historical resources impact assessment of proposed Sunterra subdivision at Cochrane, AB, Lamont Realty Corporation and Walker Newby, Calgary
- Historical resources overview assessment of proposed Sunrise Estates subdivision, Lethbridge, AB, City of Lethbridge
- Historical resources overview assessment of proposed expansion of Whoop-Up Drive bridge crossing, Oldman River, Lethbridge, AB, City of Lethbridge
- Historical resources overview assessment of proposed potato processing facility areas, Municipal Districts of Lethbridge and Taber, AB, McCain Foods Limited
- Historical resources overview assessment of Royal Oak Residential Subdivision, Calgary, AB, Brown and Associates Planning Group, Calgary
- Environmental Screening of proposed Discovery Ridge subdivision, Calgary, AB, Discovery Ridge Development Corporation, Calgary (Technical Advisor)
- Historical resources overview assessment of proposed 280 acre residential subdivision on northwest boundary of Calgary, AB, 772143 Alberta Ltd., Calgary
- Preliminary archaeological overview of proposed Glenbourne subdivision, Bedford, NS, Glenbourne Properties
- Assessment of proposed subdivision, Bedford Basin, NS, Bedford Village Properties Ltd.
- Stage 3 mitigative excavations at municipal landfill site, Otter Lake, Halifax County, NS, Porter Dillon Limited, Halifax
- Preliminary assessment of proposed municipal landfill sites in Annapolis County, NS, Vaughan Engineering Ltd., Halifax
- Preliminary assessment of proposed municipal landfill sites in Halifax/Dartmouth Metropolitan Area and Stage 1-2 assessment of selected landfill site at Otter Lake, Halifax County, NS, MIRROR Group
- Assessment of proposed energy from waste facility site, Ship Point, Cape Breton, NS, Provincial Thermal Utilities Inc.
- Coordination of archaeological assessment of potential sewage treatment sites, sewage pipelines and related infrastructure around Halifax Harbour, NS for Environmental Assessment Report on Halifax-Dartmouth Metropolitan Area Sewage Treatment Plan, Halifax Harbour Cleanup Inc.

Selected Oil and Gas

- Strategic advice on integration of Traditional Knowledge in environmental assessment of proposed pipeline route from northern Alberta to potential west coast port sites (routes and client confidential), Calgary (in progress 2003)
- Archaeological component of feasibility study for proposed pipeline route from northern Alberta to potential west coast port sites (routes and client confidential), Calgary (in progress 2003)
- Archaeological overview assessment of proposed oil sands development in northern Alberta, Synenco, Calgary (in progress 2003)

- Historical resources impact assessment of 350 km section from Yukon/NT border to NT/Alberta border, and overview assessment of proposed 1500 km Mackenzie Valley natural gas pipeline route (Alaska Gas Project), AGA Consulting Group, Calgary
- Overview of historical resources requirements for proposed cogeneration plant and power transmission line for Christina Lake oil exploration project, northern Alberta, PanCanadian Petroleum Limited, Calgary
- Archaeological impact assessment of 250 km natural gas pipeline route through New Brunswick from NS border to Maine border, Maritimes and Northeast Pipeline Inc.
- Archaeological monitoring of 2 km looping west of Kenora, ON, TransCanada PipeLines, Calgary
- Archaeological impact assessment of 120 km natural gas lateral pipeline route from Westville to Dartmouth, NS, Maritimes and Northeast Pipeline Inc.
- Stage 1-3 archaeological assessment and mitigation, directional drilling for natural gas pipeline, Welland Canal, ON, TransCanada Pipelines, Calgary
- Archaeological overview assessment report of the Westcoast LNG storage facility, Howe Sound, BC, Westcoast Gas Services Inc.
- Coordination of archaeological impact assessment of Bish Cove Indian Reserve 6, Kitimat Arm, BC, PAC-RIM LNG Inc.
- Coordination of archaeological impact assessment of geotechnical drilling for proposed Liquefied Natural Gas Plant at Bish Cove I.R. 6, Kitimat Arm, BC
- Archaeological overview assessment report, Summit Lake to Bish Cove 500 km Natural Gas pipeline route, BC, PAC-RIM LNG Inc.
- Terrestrial pipeline route feasibility study for 500 km Sable Island Natural Gas from Strait of Canso, NS, to Maine/New Brunswick border, Westcoast Energy Inc.
- Scoping study for marine pipeline route from Sable Island to Strait of Canso area, offshore NS, Mobil Oil Canada
- Assessment of oil drilling site, Long Point, Port au Port Peninsula, NL, Hunt Oil, Houston
- Archaeological assessment and mitigation (Stage 1-4) of land and marine sites at GBS construction site, Bull Arm, Trinity Bay, NL, Mobil Oil Canada Properties and NODECO

Selected Military

- Standing offer (2-3 years) for archaeological services to Defence Construction Canada during clean up and remediation at 21 DEW Line sites in Arctic Canada. Initial project involved field inventory and assessment at PIN-3, Lady Franklin Point, Victoria Island, NU (in progress 2003)
- Archaeological overview of practice target area at Minipi Lake, Labrador (NF)
- Archaeological evaluation of slope stability associated with road and construction camp, LAB-3 short range radar site, Capé Kiglapait, Labrador (NL), Frontec Corporation, Ottawa
- Archaeological inventory and mitigation recommendations for assessment of military training activities at the Canadian Forces Maritime Ranges in the Halifax area, NS
- Stage 1 assessment and monitoring of construction at HMCS Brunswicker militia training facility, Saint John Harbour, NB
- Assessment of three Low Level Air Defence ranges on Tracadie, Cains and Dungarvon rivers, NB, DND, Ottawa

- Inventory, assessment, mitigation, and monitoring at four Short Range Radar base sites in coastal Labrador (NL), North American Air Defence Modernization (NAADM), Ottawa
- Assessment of militia training area, Sheffield Lake, central NL
- Site inventory and mitigation at Long Range Radar site and White Point, Saglek, Labrador (NL), NAADM, Ottawa
- Site inventory and development of archaeological mitigation requirements for remediation and cleanup of seven DEW Line stations, Melville Peninsula and Baffin Island, NU, DND, Ottawa

Selected National Parks

- Archaeological assessment of proposed winter road diversion around Mikisew Cree Reserve, Peace Point, Wood Buffalo National Park, AB, Westworth Associates Environmental Ltd. and Thebacha Road Society, Town of Fort Smith
- Archaeological reconnaissance of proposed winter road from Garden Creek to Peace Point, Wood Buffalo National Park, AB, Parks Canada and Town of Fort Smith
- Archaeological overview, environmental screening assessment of proposed winter road, Garden Creek-Peace Point, Wood Buffalo National Park, AB, Parks Canada and Town of Fort Smith
- Cultural resource inventory and assessment of Federal Crown Lands adjacent to the Prince Edward Island National Park, Canadian Parks Service, Halifax
- Cultural resource inventory and assessment North Rustico, PEI, Canadian Parks Service, Halifax

Selected Screening Documents, Protection Plans and Master Plans

- Environmental screening documents (10), and environmental protection plans (21), DEW Line site decommissioning, Northwest Territories, Nunavut and Yukon, DND, Ottawa
- Heritage resources protection plan, four Short Range Radar Sites in coastal Labrador (NL), DND
- Archaeological Master Plan, Prince Edward Island, Dept of Community and Cultural Affairs

Selected Cultural Resource Inventories and Expedition Cruises

- History/archaeology lecturer, shore guide, zodiac driver, 13 expedition cruises between Siberia, Canada, Greenland, Iceland, Faroe Isles and the British Isles, Adventure Canada, Marine Expeditions, Quark Expeditions, Clipper Cruise Line and Zegrahm Expeditions (1995-present)
- Archaeological and historical inventory and assessment for Initial Environmental Assessment of Roosevelt-Campobello International Park Draft Management Plan, Parks Canada, Halifax
- Resource Inventory and Analysis of PEI National Park, Parks Canada, Halifax
- Cultural themes section of Regional Analysis of South Labrador Shelf Marine Region, Parks Canada, Ottawa
- Canadian Heritage Rivers System Management Plan, Nomination Document and Background Study for Main River, Newfoundland, Parks Canada, Ottawa
- Cultural resource inventory and assessment of Lots 45-47, northeastern Kings County, PEI, Department of Community and Cultural Affairs, Charlottetown
- Archaeological surveys and excavation of Thule/Late Dorset site at Brooman Point, Bathurst Island, High Arctic, NU, with Robert McGhee, Canadian Museum of Civilization, Hull
- Archaeological surveys and excavation of KeNi-4 stratified caribou hunting site, Whitefish Lake, District of Mackenzie, NT, with Bryan Gordon, Canadian Museum of Civilization, Hull

- Boat survey and excavation of Palaeo-Eskimo and Neo-Eskimo sites on north coast of Labrador, NL, with William Fitzhugh, Smithsonian Institution, Washington D.C.
- Survey, excavation, Inuit field training program: historic Inuit, Thule, prehistoric Indian, Palaeo-Eskimo, and 19th C. Hudson's Bay Company sites, Saglek, northern Labrador, NL (graduate research, 1980-1988)

Museum, Heritage and Interpretation Planning; Publications

List of projects and published articles, reviews, reports and edited volumes available on request

Selected Workshop, Lecture and Conference Presentations

- Arctic prehistory and history as seen from an expedition cruise ship, Terrific Tuesday Lecture Series, Glenbow Museum, Calgary, AB, September, 2003
- Arctic prehistory and history as seen from an expedition cruise ship, Arctic Institute of North America Lunchtime Lecture Series, University of Calgary, Calgary, AB, March, 2002
- Archaeological assessment and mitigation for winter road construction in NT, Session Chair and paper at Canadian Archaeological Association Annual Meeting, Ottawa, ON, May, 2000
- Workshop on aboriginal involvement in archaeological assessment and mitigation for winter road construction, Canadian Aboriginal Minerals Association, Sudbury ON, November 2000
- Archaeological assessment and mitigation for winter road construction, Yellowknife Geoscience Forum, Yellowknife NT, November 2000

Sherry Sian

From: Luciano Azzolini [TerraFirma@theedge.ca]
Sent: Sunday, November 02, 2003 7:37 PM
To: Sherry Sian
Cc: Rachel Ann Crapeau
Subject: FW: Preparing for public Hearings

Sherry, please find attached Mr. Freeman's CV. Please file the CV's on the registry.

Regards,
Louie Azzolini

Louie Azzolini, Dip. Planning, M.A., M.B.A.
Terra Firma Consultants
Yellowknife, NT.
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-----Original Message-----

From: Randy Freeman [mailto:randy_freeman@borealis-coop.nt.ca]
Sent: November 2, 2003 11:32 AM
To: Luciano Azzolini
Subject: RE: Preparing for public Hearings

Hi Louie - I've completed updating my resume and have attached a copy to this email.
Randy

-----Original Message-----

From: Luciano Azzolini [mailto:TerraFirma@theedge.ca]
Sent: Friday, October 31, 2003 4:27 AM
To: Rachel Ann Crapeau
Cc: randy_freeman@borealis-coop.nt.ca; Thomsonheritage
Subject: Preparing for public Hearings

Rachel Ann, in anticipation of the upcoming public hearings I recommend notifying the Review Board that Mr. Freeman and Mr. Thomson are available to provide expert evidence regarding their work this summer. This requires the YKDFN to submit their resumes onto the public registry. By copy of this email to them I am asking for your and their permission to 1) obtain their CV's and 2) put them on the public record.

Thanks everyone.
LA

Louie Azzolini, Dip. Planning, M.A., M.B.A.
Terra Firma Consultants
Yellowknife, NT.

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Randolph Freeman

2040 Finlayson Drive

Yellowknife, NWT

X1A 3C7

Phone: (867) 920-2863

Fax: (867) 873-4179

Email: randy_freeman@borealis-coop.nt.ca

Education

MA (Historical Geography) (1985)

University of Alberta, Edmonton, Alberta

BA (Anthropology) (1975)

University of Alberta, Edmonton, Alberta

Microsoft Access Database programming training (1997)

Internet (1993 and 1997)

SQL*Plus (1991) [relational database course]

Private Pilots License – Ground school (1991)

Amateur Radio (1991)

Geographic Information Systems (1991)

Training for Trainers (1990)

Oracle Database programming (1989)

Policy Development Workshop (1988)

Cross-Cultural Workshop (1987)

Wilderness Survival (1986)

Employment History

December 2000 to present

DownNorth Consulting

Yellowknife, Northwest Territories

- established a consulting business specializing in: First Nation's land-based traditional knowledge research projects and training; in toponymic (place names) research projects; and, in historical research, writing and broadcasting

November 1985 to December 2000

Territorial Toponymist

Culture, Heritage and Languages Division

Department of Education, Culture and Employment

Government of the Northwest Territories

Yellowknife, NWT

- developed, and subsequently administered, the NWT Geographic Names Program including the preparation of policies, drafting of legislation, preparation of position papers, development and testing of research methodologies, and the preparation of plans for the systematic toponymic research coverage of the NWT
- administration of this geographical/cultural/historical program included hiring, training, supervising and evaluating staff, and, preparing annual budgets and work plans
- worked extensively with NWT First Nations organizations assisting them in recording and preserving traditional land based knowledge

- developed and administered the Geographic Names Research Contribution Program which provided funding, training and technical support to community-based traditional knowledge research projects
- represented the Northwest Territories on the Geographical Names Board of Canada [board was created by Order-in-Council in 1897] and on its various sub-committees on Toponymy Research; Nomenclature and Delineation; Names for Maritime and Undersea Features; and on Canadian Digital Toponymic Services
- Canadian delegate to the United Nations Group of Experts on Geographical Names

January 1998 to present

Columnist, Up Here Magazine

- northern history columnist responsible for researching and writing, for each edition of the magazine, an article detailing a Northwest Territories, Nunavut or Yukon historic event

April 1996 to present

Columnist, CBC North Radio

- researched, wrote and presented more than 250 weekly northern history programs

1995

Manager, Cultural Affairs

Department of Education, Culture and Employment

- developed plans for the devolution of cultural grants and contributions programs to the regional level
- administered the NWT Arts Council grants program

Winter 1991

Instructor

Athabasca University/Arctic College, Yellowknife

- taught evening geography/geomorphology courses

1988-1995

Instructor

Cultural Affairs, GNWT, Yellowknife

- developed and presented workshops on how to conduct traditional knowledge research projects

January 1981 to November 1985

Head, Geographical Names Programme

Historic Sites Service, Alberta Culture

Government of Alberta, Edmonton, Alberta

- responsible for the complete re-organization of the Geographical Names Programme including the creation of the Alberta Inventory of Geographical Names; the establishment of research procedures for use by all contract, wage and permanent staff assigned to the programme; and the development of policy and standards of research for submission to Alberta's Geographical Names Committee

- conducted extensive field research projects throughout Alberta recording information on local and traditional geographic names
- responsible for the administration of procedures required for the approval of geographical names under the terms of Alberta's Historic Resources Act
- Secretary, Alberta Geographical Names Committee (a sub-committee of the Alberta Historic Sites Board) and Special Advisor, Alberta Historic Sites Board

July 1977 to December 1980

Geographical Names Research Assistant

Historic Sites Service, Edmonton, Alberta

- conducted field and archival research required for the official approval of local and traditional geographic names
- trained and supervised STEP and PEP employees

May 1977 to July 1977

Archaeologist

ARESCO Ltd,
Calgary, Alberta

- conducted archaeological re-excavation of Fort Calgary
- conducted archaeological surveys of the proposed Genesee power plant strip mine

May 1975 to April 1977

Archaeological Assistant

Archaeological Survey of Alberta
Alberta Culture
Government of Alberta
Edmonton, Alberta

- participated in various archaeological projects throughout Alberta
- responsible for producing an archaeological base map series for all archaeological sites in Alberta

Summer 1974

Archaeological Crew Chief

Mackenzie Valley Pipeline Project

- supervised a team of archaeologists conducting archaeological surveys of the proposed pipeline route from Ft. Norman to Mountain River

Summer 1973

Archaeological Crew Chief

Suffield Military Range

- supervised a team of archaeologists conducting archaeological surveys and excavations on the Suffield Military Range in southern Alberta

Summers 1971-1972

Archaeological Assistant

Suffield Military Range

- received training in archaeological field techniques and assisted in archaeological surveys and excavations on the Suffield Military Range in southern Alberta