

William Neil (Bill) Howell, M.A.Sc., P.Eng. Alberta

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P.O. Box 299, Hussar, Alberta, T0J1S0

Natural Resources Canada (NRCan), Ottawa

Feb11-Apr12

R&D Program Manager - Recycling Technologies Initiative
Managed 2 staff in brand new R&D program being built along with policy efforts. This was terminated with the 2012 budget cuts.

Nov04-Feb11

Project Manager – Special Apparatus and Facilities for underground mining R&D initiatives
Build R&D initiatives and external funding in the mining industry, eg for 2.4 M\$ testing facility

Dec01-Oct04

R&D Program Manager – Mineralogy and Metallurgical Processing
Managed 24 research staff, also involving realignment/ restructuring

May00-Nov01

Climate Change - Minerals and Metals Action Plan 2000, plus Minerals and Metals Strategy for Regions
Assistant to Sector lead with Branch input to sectoral strategy - develop and compose action plan.

Apr98-Mar01

Mining Automation Program (MAP) – INCO, Dyno Nobel, Sandvik Tamrock, and NRCan-CANMET
Secretary, Management and Technical Committees

Apr97-Jan00

Diesel Emissions Evaluation Program (www.deep.org)
Secretary, Management Board and Technical Committee

Jul96-Apr97

Transportation Energy Technology Program, Ottawa
Research Officer, electric and hybrid vehicles

Mining & Mineral Sciences Laboratories (MMSL), Ottawa

Business Development Coordinator, mineral sciences

ICI & CIL Employment

Nov88-Feb93

ICI Forest Products, Montreal
Market Res. Manager, chloralkali

Jan87-Oct88

ICI Sulfur Products, Mississauga
Research Engineer

Other Organisations earlier in my career

Apr86-Dec86

Canadian Fracmaster, Calgary
Research Engineer, Rheology

?Sep83 - Mar86?

Energy, Mines & Resources, Ottawa
Physical Scientist, hydrometallurgy

?Dec79-Aug81

Alcan, Jonquiere QC
Process Engineer, ALF3 plant

Extra-Job Mega-Activities

In addition to the descriptions of my past jobs above it is also worthwhile to consider my efforts related to my hobbies:

- neural networks;
- biotech/genetics;
- math, statistics and physics for climate change science and modelling - I have been very active in helping solar physicists (in danger of extinction in Canada!!) get their message across, and to fight for reasonable funding.
- computer languages
- failures of mainstream consensus science : physics, astronomy, climate change, medical, etc

Other

- B.A.Sc.Chemical Engineering - U of Calgary 1978, MASC Chemical Engineering - U of Ottawa 1986
- Used to be : Professional Engineer, Ordre des Ingénieurs de Québec ~1980-2010. APEGGA of Alberta ~20087 or 2008 only
- Member: Alberta APEGGA (2007, 2013-), Order of Engineers of Québec (OIQ, ~1980-2010?); Institute of Electronics and Electrical Engineers (IEEE), International Neural Network Society (INNS), Canadian Institute of Mining, Metallurgy and Petroleum (CIM, ~1995-2010?)
- Bilingual (federal government levels EX, EX, EX in French reading, writing, oral)

NOTE: Other versions of my résumé are posted on my website www.BillHowell.ca, including a combination functional/chronological résumé and a résumé with long detailed descriptions of each responsibility (2 to 23pages).