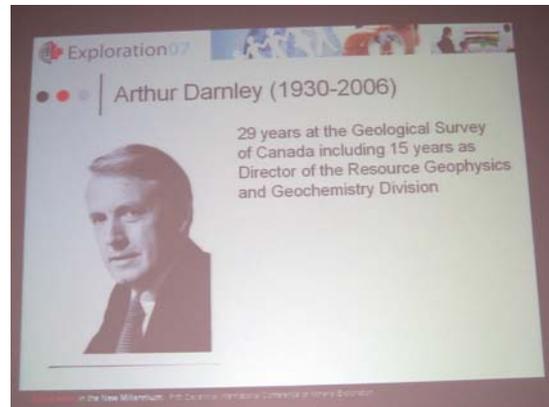


## Exploration 2007 conference honoured the Geological Survey of Canada

By Charlie Jefferson

The GSC was honoured at a major conference held in Toronto, September 9-12, 2007: 'Exploration in the New Millennium: 5<sup>th</sup> Decennial International Conference on Mineral Exploration', dubbed 'Exploration 2007' and spontaneously organized by the grass roots mineral exploration community. The gala dinner on Tuesday night was in recognition of the GSC, particularly the research of its geophysicists and geochemists in the 1950s through 1970s, with specific mention of Quentin Bristow, Leonard Collett, Arthur Darnley, George Hobson, Peter Hood, Larry Morley and George Palacky. They pioneered theoretical and applied exploration technology that has contributed to most significant mineral discoveries in Canada over the past five decades. Keynote speakers during the technical sessions noted many of GSC's contributions over the decades, five in particular on the still-current value of the borehole geophysical group in linking geology to geophysical surveys.



From left to right: Stephen Reford – Exploration 2007 Chair; retired GSC scientists Peter Hood, Quentin Bristow, Len Collett and George Palacky; and Jerry Roth – conference organizer. Absent: Larry Morley and George Hobson. In Memoriam – Arthur Darnley.

More than twenty staff and many retirees from the Geological Survey of Canada (Earth Sciences Sector of NRCan) contributed to the success of this conference attended by 1100 people. The GSC staff delivered ten posters, four workshop presentations and four invited keynote review talks presenting the state of the art and recent advances in mineral deposits geochemistry, geophysics and geology. These and contributions by several ex-GSC scientists featured results of the Targeted Geoscience Initiatives (TGI I, II, III), The Exploration science and TECHNOLOGY initiatives (EXTECH II and IV), and the Secure Canadian Energy Supply Program on exploration models and vectors for base metal, diamond, and uranium deposits. They highlighted advances in exploration technologies such as aeromagnetic mapping, audiomagnetotellurics, borehole geophysics, data integration and data management, exploration geochemistry, gravity, indicator minerals for base metals, remote sensing, and seismic reflection. GSC's world GIS-geology map placed mineral deposits in a global context. The rooms were packed, with standing room only.

Those who attended this prestigious event thank Earth Sciences Sector for the honour of representing the Government of Canada and maintaining the strategic value of government scientists to Canada's sustainable development.