



YUKON
EXPLORATION
& GEOLOGY
2010

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Edited by
K.E. MacFarlane, L.H. Weston and C. Relf

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Front cover photograph: Mike Burke (YGS) and Bill Wengzynowski (ATAC Resources) view drill core at the recently-discovered Osiris showing. Photo by Carolyn Relf.

PREFACE

Yukon Exploration and Geology (YEG) continues to be the main publication of the Yukon Geological Survey (Energy, Mines and Resources, Yukon government). This is the 33rd volume of the series. We have moved to digital only distribution of YEG. Individual YEG papers, with colour images, can be downloaded from our website. The Yukon Exploration and Geology Overview continues to be available in print and digital formats.

YEG 2010 contains up-to-date information on mining and mineral exploration activity, studies by industry, and results of recent geological field studies. Information in this volume comes from prospectors, exploration and government geologists, mining companies and students who are willing to contribute to public geoscience for the benefit of the scientific community, general public, and mineral and petroleum industries of Yukon. Their efforts are appreciated.

YEG co-editors Leyla Weston and Carolyn Relf are thanked for their assistance this year. Appreciation is also extended to Yukon Geological Survey (YGS) staff that helped edit earlier versions of manuscripts, before they even crossed our path; this year we thank Joyia Chakungal, Venessa Bennett, Tammy Allen, Maurice Colpron, Kristen Kennedy and Don Murphy.

Sherry Tyrner of the Queen's Printer ensured that the printing process went smoothly.

This year's Yukon Exploration and Geology is dedicated to the administrative, financial and GIS staff that work in survey, exploration, or mining offices. At one time or another you have made my life easier.

We welcome any input or suggestions that you may have to improve future YEG publications. Please contact me at (867) 667-8519, or by e-mail at karen.macfarlane@gov.yk.ca.

Karen MacFarlane



JIM DODGE IN MEMORIAM

Jim Dodge died in Whitehorse on August 21, 2010, about 3 months shy of his 90th birthday. A familiar face to Yukon explorationists and residents, he is remembered for his easy smile and positive disposition, his genuine interest in others, and a keen sense of individuality and independence. He was known to many as someone with a sharp inquisitive mind, and an appreciation for beauty, kindness and friendship.

Jim had a full and colourful life and loved to tell stories: he would talk about his first job in a mine in Alaska; of landing in Hiroshima as a lieutenant-colonel with the

US military in 1945 to help with reconstruction of the Japanese economy (the silence, he said, was eerie); of evading his military bodyguards in Japan to hop on a train to go skiing in the Japanese Alps; of meeting his future wife Elizabeth and bringing her on these skiing adventures; of he and his pregnant wife hearing the Rhodesian lions roar outside their trailer (he closed the screen window; she, matter-of-factly said: "I don't think this is going to help"); of bear encounters in Yukon... He also loved to hear stories. When I met Jim, he was already an elderly man who had an amazing capacity to be open to the experience of others, and reflect on them with kindness and wisdom.

Returning from Japan, Jim went to Germany to study African ore deposits. He subsequently worked with the Atomic Energy Commission in the US, but eventually formally protested the effects of their testing on humans. With Elizabeth, he operated a uranium mine in Utah, before going with her to Africa to look for emeralds. They had two children, Michael and Sarah, who helped him on the standard drill he was using in the MacPass district. In Yukon, Jim prospected for gold, zinc, jade and emeralds, but will be remembered for the development of the Tea barite deposit and the subsequent lawsuit that cost him all his personal assets. He prospected for rare earth elements before they became a hot commodity. His latest wish was to investigate the occurrence of diamonds in non-craton rocks of Australia. He maintained an interest in current developments in the mining business and the exploration scene in Yukon through the final months of his life.

At 80 years old Jim hiked the Chilkoot trail, and in that same decade also taught himself to use a personal computer and the internet. Jim made friends wherever he went. Following the death of his wife, his annual migration cycle was to arrive in Yukon in the spring, spend the summer engaged in solitary prospecting ventures, then fly to New Zealand for our winter months. He eventually settled in the town of Glenorchy, NZ, where, like in Whitehorse, he made a circle of good friends that welcomed him into their family life. He took an interest in a 2nd World War- era scheelite battery (mill) and single-handedly started a renovation effort that eventually mobilized the community, brought government funding and historical designation to the site, and led to an appearance on NZ TV.

Jim was an educated man with a varied geological career in which he witnessed many significant moments in Canadian mining history. I remember him as a proud, kind, independent man that taught me the grace of acceptance. He initially resisted the loss of independence caused by aging, but he persevered, never showing self-pity and always looking forward. He gracefully accepted help and friendship, and his friendship was the treasure offered in return. We will miss him very much.

Danièle Héon





Yukon Geological Survey staff: (front row, left to right) Laurie Fahr, Olwyn Bruce, Lara Lewis, Tammy Allen, Carolyn Relf, Karen MacFarlane, Tara Genier and Joyia Chakungal; (middle row, left to right) Jeff Bond, Sarah Laxton, Mike Burke, Bailey Staffen, Aubrey Sicotte, Kristen Kennedy, Sue Roy, Danièle Héon, Venessa Bennett, Lee Pigage, Tiffani Fraser; (back row, left to right) Bill LeBarge , Maurice Colpron, Steve Israel, Robert Deklerk, Charlie Roots, Don Murphy, Panya Lipovsky and Ed Long.

Missing from photo: Grant Lowey, Karen Pelletier.



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