

CLYDE L. SMITH, Ph.D., P.Eng.

Consulting Geologist
British Columbia, Canada

CURRICULUM VITAE

(Current to September 1, 2011)

- Current positions** President, C.L. Smith Consultants, Vancouver, B.C., Canada
Co-founder, Highlands Geoscience LLC
Professional Engineer, Association of Professional Engineers and Geoscientists of British Columbia, Vancouver, B.C., Canada
- Academic** B.A., 1959, Carleton College, Northfield, MN, U.S.
M.Sc., 1962, University of British Columbia, Vancouver, B.C., Canada
Ph.D., 1966, University of Idaho, Moscow, ID, U.S.
Additional year graduate study, University of California, Berkeley, CA, U.S.
Served several years as Industrial Associate, School of Earth Sciences (includes departments of Geology, Geophysics, Applied Earth Sciences), Stanford University, Stanford, CA, U.S.
Principal publication: "Sediment-Hosted Stratiform Lead-Zinc-Silver Deposits", 1983, in *Revolution in the Earth Sciences*, Kendall Hunt Publishing Co.
- Listings** Who's Who in British Columbia, 1981
Who's Who in the Commonwealth, 1984
- Professional, Business** Founded Ogilvie Joint Venture, 1974; partners Brinco Ltd. (Canadian subsidiary of Rio Tinto Ltd., London), Mitsubishi Metals, Inc., Tokyo, and Ventures West Capital Ltd., Vancouver. Discovered the Jason lead-zinc-silver deposit, eastern Yukon Territory, Canada. Jason was the first discovery of a major stratiform lead-zinc-silver deposit made by a geologist using geological methods; all previously discovered major stratiform deposits occurred exposed on surface and were found by prospectors. The Jason deposit contains more than 2.0 billion pounds lead, 1.8 billion pounds zinc, 35 million ounces silver and exhibits potential for more reserves.
- Co-founded Ventures West Minerals, 1979, and purchased control of Westley Mines Ltd., a Toronto Stock Exchange listed public company. Discovered the Santa Fe gold deposit, western Nevada, U.S.A. Santa Fe was the first discovery of a significant sediment-hosted (Carlin-Type) gold deposit in western Nevada. Santa Fe was sold to Corona Corp., Toronto, which initiated production in 1988 at 65,000 ounces gold per year. The Santa Fe deposit contained more than 400,000 ounces gold.
- Co-founded Radcliffe Resources Ltd., 1984, a Vancouver Stock Exchange listed public company. Discovered the North Lake gold deposit, northern Saskatchewan, Canada. The North Lake deposit contains more than 180,000 ounces gold and exhibits potential for more reserves.
- Co-founded La Esperanza Gold Explorations Ltd., 1993, a private British Columbia corporation, and entered into a U.S. \$3.0 million joint venture funded by Mount Isa Mines Ltd., Brisbane, Australia. Discovered the Solidaridad gold-silver-copper deposit, Michoacan state, Mexico. Exploration drilling indicated that Solidaridad has the potential to be one of the principal new ore deposits in Mexico with an estimated 750,000 ounces gold, 2.3 million ounces silver and 44 million pounds copper. Project now under development/pre-production by U.S. Precious Metals, Inc.
- Co-founded Kcrok, Inc., 2003, and Muddy Creek Gold Inc., 2007, following five years of geologic investigations in the Lake Mead Domain, southern Nevada. Companies hold large claim positions covering extensive outcrops of a flat-lying unconsolidated sediment formation that is basin-fill for large structural basins. Bulk samples from widely scattered outcrops of 16-70 m thicknesses of the sediment have returned potentially economic grade gold assay and hydrometallurgical leach results. Evaluation currently in progress.