

# *J. Wayne Pickett, M.Sc., P.Geo. (NL,BC)*

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## **Education**

**Master of Science, Earth Science (Geology)**, Memorial University of Newfoundland (1989)

**Thesis topic:**

- A Geological and Geochemical Study of the Skidder Basalt and Skidder Trondhjemites: The Geology, Ore Petrology and Geochemistry of the Skidder Prospect and its Accompanying Alteration Zone; Buchans Area, Central Newfoundland

**Bachelor of Science, Geology**, Memorial University of Newfoundland (1974)

## **Professional Affiliations**

**Registered Professional Geoscientist:**

**Professional Engineers & Geoscientists**, Province of Newfoundland and Labrador

**Association of Professional Engineers and Geoscientists**, Province of British Columbia

## **Technical and Management Skills**

- Exploration program management including project generation and implementation – identifying new projects of merit, budgeting, hiring of personnel, acquisition of supplies, logistics and performance of field work
- Strong data analysis skills including statistical analysis to determine trends and anomalies in data sets
- Ability to absorb large amounts of information quickly and to make appropriate and timely decisions based on that information
- Strong technical-report-writing and editing skills – comprehensive internal company reports, qualifying reports (**including National Instrument 43-101 compliant reports**) for stock exchanges and government agencies, technical papers for scientific journals
- People management skills – competent leadership, ability to motivate and encourage others to work as a team and be a willing member of the team; managed an exploration team of 45 people including 20 geologists
- Ability to negotiate and interpret agreements and contracts
- Computer literacy:  
strong familiarity with MapInfo(GIS Software), Encom Discover and Discover 3D, CorelDRAW, Golden Software Surfer, extensive knowledge of MS Office and Microsoft Windows operating systems

## **Professional Experience Summary**

*Supervised, helped conduct and reported upon exploration programs searching for:*

- volcanogenic massive sulphide deposits in the Yukon Territory, Ontario, Quebec, New Brunswick and Newfoundland
- copper-nickel PGE deposits in Labrador, northern Quebec and southwestern Yukon Territory
- unconformity-type uranium deposits in northern Saskatchewan and breccia-hosted uranium deposits in Labrador
- mesothermal and epithermal gold deposits in British Columbia and Newfoundland
- low sulphidation epithermal silver/gold deposits in Mexico
- Mississippi-Valley type zinc deposits in Newfoundland

*Evaluated mineral exploration properties having potential for:*

- mesothermal gold deposits in Ghana, epithermal and mesothermal gold deposits Colombia
- vein-hosted mesothermal silver/gold deposits in Peru
- gold/copper deposits in Jamaica

## **Journal Publications and Reviews**

- published three papers in technical journals of the Geological Survey of Canada and one in a technical journal of the Geological Survey of Newfoundland
- peer-reviewed papers for publication in Exploration and Mining Geology and for publication by the Geological Survey of Canada, Newfoundland Geological Survey and the Alberta Research Council

## **Professional Experience**

**November, 2008 – December, 2009**

### **Consulting Geologist – Various Companies**

- Work has included evaluation of mineral deposits and potential for their expansion as well as writing a 43-101 compliant report.

**October, 2005 – October, 2008**

### **Exploration Manager and Subsequently Vice President Exploration for Crosshair Exploration & Mining Corp., Suite 202, 66 Kenmount Road, Kenmount Business Centre, St. John's, NL A1B 3V7**

- Provided overall administration of Crosshair's St. John's office as well as lead a team of 20 geologists that managed and carried out exploration programs on Crosshair's Labrador Central Mineral Belt uranium property and its Newfoundland gold and VMS properties
- Work resulted in enhancements of existing uranium and gold deposits, target definition and resultant deposit discovery as well as improvements in exploration methodology
- In Labrador, Crosshair's breccia-hosted C Zone uranium deposit was expanded significantly and its Area 1 and Armstrong deposits were discovered; a NI 43-101 compliant uranium and vanadium resource on all three deposits has been established

**April, 2005 – September, 2005**

### **Geological Consulting for Endeavour Silver Corp., Suite 800-850 West Hastings Street, Vancouver, BC V6C 1E1**

- Examined low sulphidation epithermal Ag mineralization in the Guanacevi area, Durango, Mexico; carried out a preliminary structural study of the area; conducted geological mapping and prospecting along strike of favourable structures; evaluated other mineral exploration properties in Mexico

**May, 2003 – February, 2005**

### **Geological Consulting for Cornerstone Resources Inc., 109 Clyde Avenue, Mount Pearl, NL, A1N 4R9**

- Supervised and helped carry out an exploration program on Cornerstone's extensive Cape Ray Gold Property targeting vein-hosted orogenic gold deposits along the Cape Ray Fault in southwestern Newfoundland
- Data compilation and three-dimensional modelling helped in the understanding of the geology and structure of the Windowglass Hill and 51-Zone deposits, two significant gold prospects previously identified on the property
- Prospecting, geological mapping and diamond drilling carried out in the Windowglass Hill area identified new high-grade gold showings and expanded the mineralized zone
- Field work elsewhere on the property identified areas for follow up
- Report writing included detailed reports for assessment purposes and required reports for the Newfoundland Junior Company Exploration Assistance Program.

**January, 2002 – April, 2003**

### **Geological Consulting for International Wayside Gold Mines Ltd. (IWA), Island Mountain Gold Mines Ltd. (IGM), Northern Continental Resources Inc. (NCR), 1500 - 675 West Hastings Street, Vancouver, BC V6B 1N2**

- Supervised drilling on the Cariboo Gold Project near Wells, BC for IWA and IGM; on behalf of IGM, compiled previous geological, geochemical and geophysical information and recommended work program including additional drill targets; wrote summary report for TSX Venture Exchange, and an assessment report on 2001 exploration activities; on behalf of NCR, supervised a drilling program on the ABO intrusive-hosted gold project near Harrison Lake BC.

**June 2001 – October 2001**

### **Geological Consulting for Northern Platinum Limited, 206-837 West Hastings Street, Vancouver, BC, V6C 3N6**

- Supervised and helped conduct an exploration program, including drilling, to further enhance the Wellgreen Cu, Ni, Pt, Pd, Rh Deposit, southwestern Yukon Territory.

**September 2000 – February 2001**

### **Geological Consulting for Island Mountain Gold Mines Ltd., 305 - 455 Granville Street, Vancouver, BC, V6C 1T1**

- Supervised drilling on the Cariboo Gold Project near Wells, BC; compiled previous geological, geochemical and geophysical information and recommended work program including additional drill targets; wrote summary report for Canadian Venture Exchange, and an assessment report on Year 2000 exploration activities.

## **January 1998 – February 2000**

### **Geological Consulting for Gold-Ore Resources Ltd., 900-999 West Hastings Street, Vancouver, BC, V6C 2W2**

- Searched for and evaluated mineral exploration properties in Canada that would satisfy the major transaction requirements for listing of Gold-Ore Resources Ltd. on the Alberta Stock Exchange.
- Wrote a qualifying report for the Alberta Stock Exchange on the property selected, i.e. the Ample/Goldmax gold property near Lillooet BC.
- Supervised and helped carry out a geological, prospecting and geochemical exploration program on the Ample/Goldmax property as well as a follow-up drilling program.
- Wrote a summary report on the programs as well as required assessment reports for the British Columbia Ministry of Energy and Mines

## **May 1993 – December 1997**

### **Geological Consulting for Various Companies**

Evaluated gold properties in Ghana, Colombia and Jamaica, and gold-silver properties in Peru for junior mining companies

- field visits to the properties were followed by reports with recommendations for or against acquisition
- wrote qualifying technical reports on the Colombian and Peruvian properties for the Vancouver Stock Exchange
- Proposed, managed, helped carry out and reported upon exploration programs for base metals in Newfoundland and Yukon Territory, for gold in Newfoundland and for Ni-Cu-Co base metal deposits in Labrador
- field work included geological mapping litho-geochemical sampling and drill core logging

## **May, 1989 - December, 1992**

### **Geological Consulting for Teck Exploration Ltd.**

- Planned, supervised and helped conduct field exploration programs to search for gold and Mississippi Valley type zinc deposits in Newfoundland and for volcanogenic massive sulphide (VMS) deposits in central Newfoundland and northern New Brunswick.
- Following completion of fieldwork, interpreted the data obtained, wrote comprehensive company and government assessment reports on the various properties and proposed follow-up exploration programs

## **1982-1989**

### **Geological Consulting for Various Companies in Newfoundland, Completed Master of Science Program**

- researched potential properties for gold exploration, recommended exploration program
- geological mapping, litho-geochemical sampling for volcanogenic massive sulphides, reported on findings, suggested targets for diamond drilling
- supervised and helped conduct exploration program for epithermal gold deposits, helped interpret data obtained and reported on work carried out
- fulfilled graduate course requirements, conducted field research and completed M.Sc. thesis

## **1976-1982**

### **Staff Geologist for Gulf Minerals Canada Limited**

- supervised and helped carry out geological mapping and litho-geochemical sampling program for volcanogenic massive sulphide deposits in northern Ontario, Nova Scotia and Newfoundland
- One of three geologists who planned and carried out reverse circulation drill programs in search of "unconformity type" uranium deposits in northern Saskatchewan. The Gulf Minerals Collins Bay "B" Zone Deposit was discovered by one of the drilling programs.
- Acted as a liaison between Gulf Minerals Canada Ltd. (operator) and its joint venture partners, Noranda Exploration Ltd. and Saskatchewan Mining and Development Corporation

## **1972-1976**

### **Noranda Exploration Company Limited, Cominco Limited, Geological Survey of Canada**

- geological mapping and sampling exploring for volcanogenic massive sulphide deposits in Newfoundland and Quebec
- geological mapping of part of the Foxe Fold Belt central-western Baffin Island for the Geological Survey of Canada
- 1972 - field school instructor for Memorial University of Newfoundland