

- 2006 -

**ADVANCED
PROSPECTING
COURSE**

Presented By

Yukon  **Chamber
of Mines**

- 2006 -

PUBLIC EDUCATION PROGRAM

Start Date: March 13 2006

Yukon



Chamber of Mines

ADVANCED PROSPECTING COURSE

Welcome to the Yukon Chamber of Mines Advanced Prospecting course! Like any other general interest course you will get out of this course what you put into it.

Classes will be held every Monday and Wednesday evening in the conference room of the Chamber of Mines offices which are located at 3151-3rd Avenue (NE corner of Strickland Street). Classes begin at 7:00 PM sharp and end at between 9:00 and 9:30 PM. Instructors for the course are volunteers from the Chamber of Mines and are donating their time.

Each class consists of a short introductory lecture followed by a classroom lab session.

The rock and mineral identification portion of the course will account for 50% of the final examination, and consist of 20-25 rock & mineral samples for you to identify. You will be allowed to make use of the G.S.C. mineral identification chart for this portion of the final exam.

The theory portion of the final exam accounts for the remaining 50% and consists of at least two questions from each of the lectures. Questions will be either multiple choice or will require a very short answer only. Textbooks are not allowed in the exam room.

There is no time limit for the final exam. However, we anticipate everyone will be through before 10:00 PM.

THE COST FOR THE PROSPECTORS COURSE IS \$200.00.

Course Outline

1. Lecture 1	Registration completed Introduction to Course Yukon Geology and Mineral Deposits	Al Doherty, Aurum Geological Consultants Inc Main Instructor and Course Co-ordinator aurum@yknet.ca 867-667-4168
2. Lecture 2	Mineral identification Review: Mineral Properties Rock-forming Minerals Ore Minerals	
3. Lecture 3	Rock Review Sedimentary Igneous Metamorphic	
4. Lecture 4	Structure and Ore Deposits	
5. Lecture 5	Geochemistry and Geophysics Remote sensing satellite imagery	
6. Lecture 6	Mineral Deposit Models	
7. Lecture 7	Stratabound Sedimentary Deposits (Sedimentary Exhalative and Mississippi Valley Type Deposits)	
8. Lecture 8	Porphyry Deposits	
9. Lecture 9	Vein Deposits	
10. Lecture 10	Volcanogenic Massive Sulphides	
11. Lecture 11	IGOC - Iron oxide copper gold	
12. Lecture 12	Skarn Deposits	
13. Lecture 13	Deposits associate with Ultramafic rocks (including Diamonds)	
14. Lecture 14	Placer Prospecting and Exploration	
13. Lecture 15	Sources of data Area Selection and Review	
15. Lecture 16	Sampling, Report Writing	
16. Lecture Final	Exam	

Registration Form

Advanced Prospector's Course

Start Date March 13, 2006

Name: _____

Company: _____

Address: _____

Phone Number: _____ Fax Number: _____

E-Mail Address: _____

Please complete all information and return:

**The Yukon Chamber of Mines
3151B – 3rd Avenue
Whitehorse, Yukon Y1A 1G1
Fax: (867) 668-7127**

**Web Page: <http://www.ycmines.ca>
Email: info@ycmines.ca**

Please make cheques payable to *Yukon Chamber of Mines*

GST Registration #R10822 8917.

Fee: \$200.00 (plus 7% gst \$14.00) Total Cost: \$214.00

Visa & MC #: _____ Expiry Date: _____

Signature: _____

Cardholder: _____