

**DIRECTOR OR PROSPECTORS' ASSISTANCE
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
200 - 756 FORT ST.,
VICTORIA, BRITISH COLUMBIA
V8W 3A3**

COURSE CONTENT

GEOLOGY

Mineral identification
Rock classification and identification
Topographic maps/aerial photographs
Structural geology
Geological maps and cross-sections
Compass, pacing and structural measurements
Control grids
Mapping a showing
Mineral deposits
Industrial minerals
Prospecting procedures
Report writing
Geological mapping
Blasting
Sampling

GEOCHEMISTRY

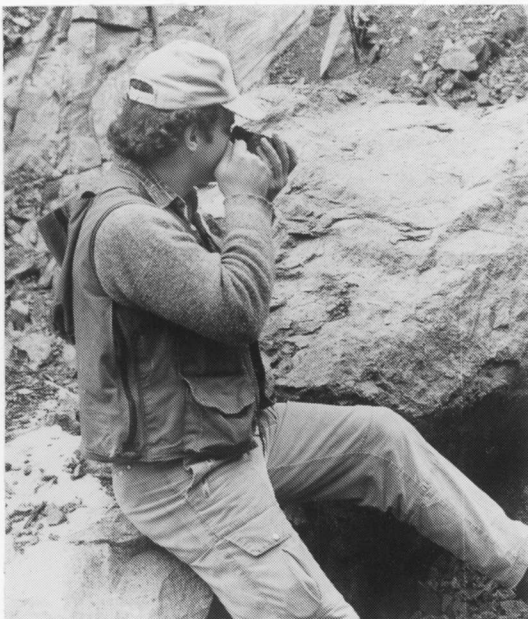
Geochemical field tests
Geochemical analysis and assaying
Stream sediment sampling
Soil sampling
Exploration case histories

GEOPHYSICS

Theory and practice
Magnetometer
VLF-EM
Self-potential
Scintillometer
Sintrex IGS

GENERAL

Prospecting agreements
Smelter services
Mineral Tenure Act
Mines Act



13th ANNUAL ADVANCED PROSPECTING COURSE

**COWICHAN LAKE RESEARCH STATION
MESACHIE LAKE, B.C.**

APRIL 24 to MAY 11, 1989.



**Ministry of
Energy, Mines and
Petroleum Resources**

An 18 day live-in Advanced Prospecting Course comprising practical instruction in geological, geochemical and geophysical prospecting methods will be held in the Cowichan Lake area on Vancouver Island.

The course is jointly sponsored by the Ministry of Energy, Mines and Petroleum Resources and the Ministry of Education, with the assistance of Malaspina College, Nanaimo. Instruction and accommodation facilities (room and board) are provided at the Ministry of Forests and Lands' Cowichan Lake Research station at Mesachie Lake.



FEE: \$425.00 - TO BE SUBMITTED WITH APPLICATION



The course is open to anyone holding a valid British Columbia Free Miner Certificate. Applicants must demonstrate basic skills in rock and mineral identification and should have some prospecting experience. Registration is limited to a maximum of 32 students.

Students completing the course have the necessary skills to effectively carry out prospecting programs, either on their own, or while employed by mining or mineral exploration service companies. The course is field oriented and the curriculum is divided into two segments of roughly equal duration; the first deals with geology and prospecting principles while the second focuses on geochemical and geophysical techniques that can be carried out by individual prospectors. Each student leaves the course with working experience on an economic mineral prospect. Instruction is provided by experienced professionals in the fields of geology, geochemistry and geophysics.

CLOSING DATE FOR APPLICATIONS IS FEBRUARY 28, 1989. Late applications will be accepted only if space available.

Information Circular 1989-8

CLIP ALONG LINE

Please send an application form for the 1989 Advanced Prospecting Course, to:

Name: _____

Address: _____

City: _____

Postal Code: _____ Telephone: (home) _____ (work) _____