

THE UNIVERSITY OF BRITISH COLUMBIA
6359 STORES ROAD
VANCOUVER, B.C. CANADA
V6T 2B4

DEPARTMENT OF
GEOLOGICAL SCIENCES

Revised

CORDILLERAN WORKSHOP
February 4-6, 1983

P R O G R A M

Friday, February 4, 1983

7:00 p.m. Social Gathering/Get-Acquainted Session
Geological Sciences Centre Museum

Saturday, February 5, 1983

9:00 a.m. NEW DATA ON THE "BRAZEAU 'TEAR' FAULT"
P.L. Gordy* and Felix Frey
Shell Canada Resources Limited

9:25 RECONNAISSANCE AND STRUCTURE, GROUNDHOG COALFIELD,
BONSER BASIN
Ian W. Moffat*
Geological Sciences, University of British Columbia

9:50 STRUCTURAL HISTORY OF THE GRAND CANYON OF THE STIKINE
Peter B. Read*
Geotex Consultants, Vancouver

10:15 C O F F E E

10:30 STRUCTURE AND STRATIGRAPHY OF THE AKLAVIK RANGE,
N.W.T.: AN UPDATE AND REVIEW
Marc Bardoux*
Geological Sciences, Queen's University

10:55 STRUCTURES ON THE EASTERN MARGIN OF THE COAST
PLUTONIC COMPLEX NEAR LILLOOET
J.W.H. Monger*
Geological Survey of Canada, Vancouver
and John Mustard*
Geological Sciences, University of British Columbia

Saturday, February 5, 1983 (continued)

- 11:20 a.m. LITHOLOGIES, DEPOSITIONAL SETTINGS, AND POSSIBLE CORRELATIONS IN THE BRIDGE RIVER AND HOZAMEEN GROUPS
Chris Potter*
Geological Sciences, University of Washington
- 11:45—1:30 p.m. L U N C H and
P O S T E R S
- 1:30 p.m. STRUCTURAL GEOLOGY OF THE MT. SHUKSAN—YELLOW ASTER MEADOWS REGION, NORTH CASCADES, WASHINGTON
James Sevigny*
Geology Department, Western Washington University
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- 1:55 GEOLOGY AND GEOCHRONOLOGY IN THE COGBURN CREEK AREA, HARRISON LAKE, B.C.
Janet E. Gabites*
Geological Sciences, University of British Columbia
- Ch* → 2:20 THE NEWPORT FAULT: LOW-ANGLE NORMAL FAULTING AND EOCENE EXTENSION IN NORTHEAST WASHINGTON AND NORTHWEST IDAHO
Tekla A. Harms*
Geosciences, University of Arizona
- 2:45 STRUCTURAL HISTORY OF KETTLE DOME, NORTHEAST WASHINGTON
Kristin E. Orr*
Geological Sciences, University of Washington
- 3:10 TECTONIC IMPLICATIONS OF JURA-CRETACEOUS ROCKS ALONG THE WESTERN AND SOUTHERN EDGE OF WRANGELLIA, VANCOUVER ISLAND
Margi Rusmore*
Geological Sciences, University of Washington
- 3:35 P O S T E R S

Sunday, February 6, 1983

- 9:00 a.m. DEFORMATION AND METAMORPHISM OF THE SOUTHERN
OMINECA CRYSTALLINE BELT
Richard L. Brown*
Geotex Consultants, Vancouver
- 9:25 A KINEMATIC STUDY OF THE OMINACA-INTERMONTANE BELT
TECTONIC BOUNDARY, EAST-CENTRAL BRITISH COLUMBIA
Chris Rees*
Geology, Carleton University
- 9:50 SUPRA-STRUCTURE/INFRASTRUCTURE TRANSITION IN THE
CARIBOO MOUNTAINS: KINEMATIC MODELS AND REGIONAL
IMPLICATIONS
Donald C. Murphy*
Geological Sciences, University of British Columbia
(Ph.D. student at Carleton University)
- 10:15 C O F F E E
- 10:30 STRUCTURAL AND METAMORPHIC HISTORY OF THREE LADIES
MT. AREA, QUESNEL HIGHLAND, BRITISH COLUMBIA
Janet J.S. Gotsinger*
Geological Sciences, University of British Columbia
- 10:55 PRELIMINARY RESULTS ON THE STRUCTURE AND METAMORPHISM
OF THE CROOKED LAKE AREA, CARIBOO MOUNTAINS, CENTRAL
BRITISH COLUMBIA
Paul D.C. Elsby* and J.A. Carye
Geological Sciences, University of British Columbia
- 11:20 PALEOMAGNETIC RESULTS FROM THE SPUZZUM AND PORTEAU
BATHOLITHS INDICATING NORTHWARD TRANSPORT AND
CLOCKWISE ROTATION SINCE MID-CRETACEOUS TIME
E. Irving, P.J. Wynne*, *A. ...*
Geological Survey of Canada, Sidney
and G.J. Woodsworth
Geological Survey of Canada, Vancouver
- 11:45-1:30 p.m. L U N C H and

P O S T E R S
- 1:30 p.m. U-Pb ZIRCON DATES FROM BASEMENT ROCKS AND PLUTONS
OF THE OMINACA CRYSTALLINE BELT, BRITISH COLUMBIA
Randall R. Parrish* *& A. ...*
Geological Sciences, University of British Columbia
and Geological Survey of Canada, Ottawa
- 1:55 STRUCTURE AND STRATIGRAPHY OF THE SIFTON RANGES,
CASSIER MOUNTAINS, BRITISH COLUMBIA
Carol Evenchick*
Geological Sciences, Queen's University

Sunday, February 6, 1983 (continued)

- 2:20 p.m. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE IN
SOUTHEASTERN YUKON TERRITORY
J.K. Mortensen*
Geological Sciences, University of California,
Santa Barbara, and University of British Columbia
- 2:45 FOLDING, FAULTING AND METAMORPHISM IN THE CENTRAL
KOOTENAY ARC, SOUTHEASTERN BRITISH COLUMBIA
Alain Leclair*
Geological Sciences, Queen's University
- 3:10 THE BOUNDARY OF AN ACCRETED TERRANE: INVESTIGATION
OF THE SLOCAN-KASLO-MILFORD GROUPS, SOUTHEASTERN
BRITISH COLUMBIA
David W. Klepacki^A
Geosciences, Massachusetts Inst. Technology and
Geological Sciences, University of British Columbia
- 3:35 P O S T E R S

SATURDAY POSTERS

- NEW TECTONIC MAP OF THE CANADIAN CORDILLERA. J.O. Wheeler, Geological Survey of Canada, Vancouver
- REGIONAL TRANSCURRENT FAULTS IN NORTH-CENTRAL CORDILLERA. H. Gabrielse, Geological Survey of Canada, Vancouver
- STRUCTURE OF NORTH-CENTRAL ROCKIES NEAR GRANDE CACHE. M.E. McMechan, Geological Survey of Canada, Calgary
- STRAIN ABOVE THRUST RAMPS. Don Medwedeff, Geological Sciences, Queen's University
- STRUCTURAL GEOLOGY IN THE TWIN SISTERS MOUNTAIN REGION, NORTH CASCADES, WASHINGTON. David L. Blackwell, Geology, Western Washington University.
- GEOCHRONOLOGY AND GEOCHEMISTRY OF THE WESTCOAST CRYSTALLINE COMPLEX, VANCOUVER ISLAND, BRITISH COLUMBIA. Clark Isachsen, Geological Sciences, University of British Columbia.

SUNDAY POSTERS

- NEW TECTONIC MAP OF THE CANADIAN CORDILLERA. J.O. Wheeler, Geological Survey of Canada, Vancouver
- MESOSCOPIC FAULT AND FOLD PATTERNS, CIRQUE CLAIM, NORTHEAST BRITISH COLUMBIA. Lee C. Pigage, Cyprus-Anvil Mining Corp., Vancouver
- THE CRATONIC MARGIN OF THE SOUTHERN CANADIAN ROCKY MOUNTAINS DURING THE DEVONIAN. Helmut H.J. Geldsetzer, Geological Survey of Canada, Calgary.
- SHUSWAP METAMORPHIC COMPLEX: ITS ROLE IN CORDILLERAN TECTONISM. Andrew V. Okulitch, Geological Survey of Canada, Calgary
- THE LOWER CAMBRIAN MURAL IS ALLOCTHONOUS ON THE SNOWSHOE, BLACK STUART SYNCLINORIUM. H.J. Greenwood, Geological Sciences, University of B.C
- COMPARATIVE ANALYSIS OF DEFORMATION AND METAMORPHISM ACROSS THE MONASHEE DECOLLEMENT. J. Murray Journey, Geological Sciences, Queen's University
- * THE WINDERMERE HIGH: HADRYNIAN AND EARLY PALEOZOIC TECTONICS IN THE PURCELL ANTICLINORIUM. Kevin Root, Geology, University of Calgary