



FIGURE 42

# GEOLOGY OF THE CAROLIN MINE AREA, BRITISH COLUMBIA

GEOLOGICAL MAPPING BY G.E. RAY ASSISTED BY P. DESJARDINS



## LEGEND

- UNCERTAIN AGE**  
COCUIHALLA SERPENTINE BELT  
Us - serpentinite; Ug - gabbro and microgabbro
- LOWER TO UPPER JURASSIC**  
LADNER GROUP  
UPPER UNIT  
A - Silty, organo-rich argillite  
MIDDLE UNIT  
MS - Thin-bedded turbiditic siltstone  
MWL - calcic wacke  
LOWER UNIT  
LS - Shale, LSs - siltstone with minor wacke  
LSw - siltstone with minor argillite  
Cm - Conglomerate  
C - Conglomerate  
LW - Limestone  
LWw - wacke with minor siltstone  
LWc - wacke with minor conglomerate
- UNCONFORMITY -----
- LOWER TRIASSIC (?)**  
SPIDER PEAK FORMATION  
TV - bedded greenstone; Vm - massive greenstone; Vb - brecciated greenstone; Vp - greenstone with pillow structures; Vt - foliated greenstone
- SYMBOLS**  
Strike and dip of bedding; top known, top unknown, overturned  
Strike and dip of primary (Tertiary) layering  
Plunge of L, lineation  
Fault with dip of fault plane; observed, assumed  
Geological contact: observed, assumed  
D, fold vergence determined from bedding cleavage intersections or small scale folds  
D, antiform, synform  
Lithochemical gold anomaly - gold assay in ppm Au  
Younging direction  
Area of outcrop  
Sulphide mineralization  
Adit  
Topographic contour (100-foot interval)  
Line of geological cross section  
Fossil location

