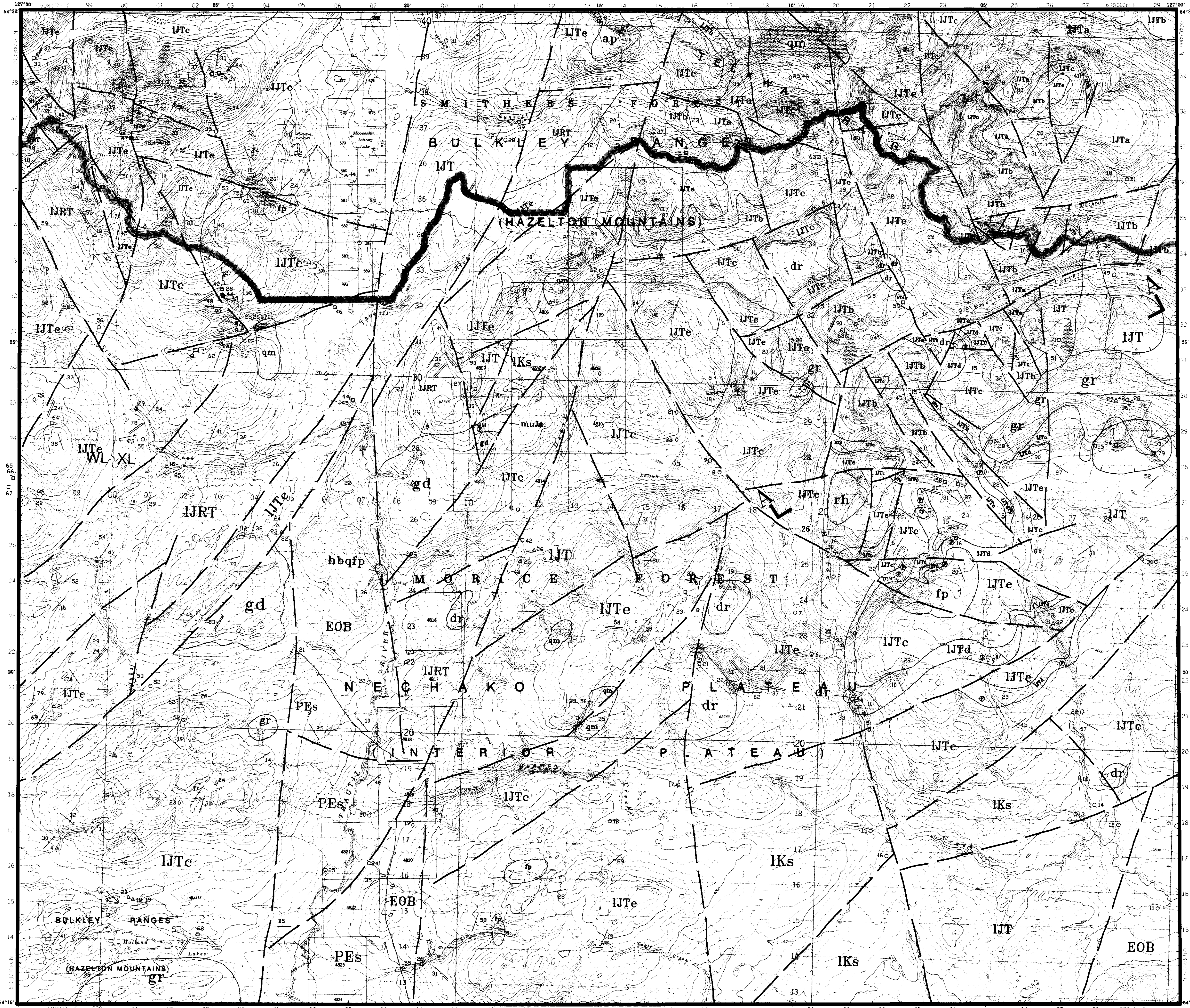


1986 Regional Geological Survey - Thautli River Area - 93L/6

Map Lab Easting Northing Cu Pb Zn Au Ag Ni Co Mn Mo W Ba As Sb Hg Cd V Fe L.O.I. Pb  
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BC Ministry of Energy, Mines and Petroleum Resources  
Geological Survey Branch

OPEN FILE MAP 1990-5  
**GEOLOGY OF THE THAUTLI RIVER AREA**  
NTS 93L/6  
P. DESJARDINS, L. LYONS, S. PATTENDEN,  
D. MACINTYRE and J. HUNT  
SCALE 1:50 000

LAYERED ROCKS  
PALEOCENE TO MIOCENE  
EOB basal flow, breccia  
PEs Thautli River Sediments: heterolithic, poorly sorted conglomerate, sandstone, siltstone, minor coal  
LOWER CRETACEOUS (ALBIAN)  
SKEENA GROUP  
IKS sandstone, siltstone, shaly, micaceous, graywacke, coal bearing  
JURASSIC  
BOWSER LAKE GROUP  
MIDDLE TO UPPER JURASSIC (CALLOVIAN TO OXFORDIAN)  
mJA Ashman Formation: massive black shale, siltstone, graywacke, fossiliferous  
HAZELTON GROUP  
MIDDLE JURASSIC (BAJOCIAN TO CALLOVIAN)  
mJS Siltstone Formation: micaceous sandstone, graywacke, siltstone, shale, minor pebble conglomerate, very fossiliferous  
LOWER JURASSIC (PLENSBACHIAN TO TOARCIAN)  
IJRT Nikkias Formation, Red Tuff Member: red, well-bedded air fall tuff, minor ash flow tuff  
LOWER JURASSIC (SINEMURIAN TO LOWER PLENSBACHIAN)  
IJT Tallowa Formation: undivided andesite, diorite, rhyolite, basalt, flow and pyroclastic  
IJTe Basalt flow tuff: well bedded, reworked, block red air fall tuff and related epiclastics with sparse amphibolitic basalt flow, minor grey welded tuff  
IJTc Shallow Marine Sedimentary Unit: well bedded limestone, calcareous sandstone, siltstone, interbedded with epiclastics and air fall tuff, fossiliferous  
IJTd Siltstone Pyroclastic Unit: well bedded quartz-feldspar phytic ash flows, ignimbrite, basalt flow, minor maroon tuff between flows, low top breccia common, locally argillaceous  
IJTb Basalt flow tuff: massive maroon to green argillaceous phytic to achitic basalt flow, minor maroon tuff between flows, low top breccia common, locally argillaceous  
IJTa Andesite Pyroclastic Unit: andesitic air fall tuff, breccia, feldspathic epiclastics, minor welded air fall tuff

INTRUSIVE ROCKS  
LATE CRETACEOUS TO EOCENE  
gd undivided granitic intrusions  
gr granodiorite  
qd quartz diorite  
dr diorite  
rh rhyolite  
fp felspar porphyry  
hbqfp hornblende-biotite-quartz-feldspar porphyry  
sp augite felspar porphyry  
qm quartz monzonite

LEGEND  
area of outcrop (defined, assumed) .....  
geologic contact (defined, assumed) .....  
fault (defined, assumed) .....  
bedding (inclined, vertical) .....  
dyke (inclined, vertical) .....  
vein (inclined, vertical) .....  
fossil locality .....  
mineral occurrence (see table) .....  
assay sample locality (see table) .....  
RGS silt sample locality (see table) .....  
BCGS silt sample locality (see table) .....  
gossan .....  
zone of silicification .....

1989 B.C.G.S. Silt Geochemistry - Thautli River Area - 93L/6

Map Lab Easting Northing Cu Pb Zn Au Ag Ni Co Mn Mo W Ba As Sb Hg Cd V Fe L.O.I. Pb  
1 93L001 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
2 93L002 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
3 93L003 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
4 93L004 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
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6 93L006 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
7 93L007 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
8 93L008 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
9 93L009 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
10 93L010 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
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12 93L012 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
13 93L013 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
14 93L014 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
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20 93L020 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
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24 93L024 60230 60230 39 18 178 15 0.2 13 1301 1 2 312 9.0 2.0 20 10 75 408  
25 93L025 60230 6