



Province of British Columbia
Ministry of Mines and Petroleum Resources

PRELIMINARY MAP NO. 28 GEOLOGY OF THE ESTELLA-KOOTENAY KING AREA SOUTHEASTERN BRITISH COLUMBIA

Geology by Tryggv Høy, 1978, 1977

<p>CRETACEOUS (?)</p> <p>Q QUARTZ MONZONITE, SYENITE</p> <p>C CAMBRIAN</p> <p>E EDOLOMITE, CALCITE MARBLE</p> <p>HELKIAN (PROTEROZOIC)</p> <p>P PURCELL SILLS AND DYKES</p> <p>M MASSIVE TO AMPHIBOLITIC ANDESTIC LAVA</p> <p>G GATEWAY FORMATION: QUARTZITE, SILTSTONE, MINOR DOLOMITE</p> <p>KITCHENER-SVEN FORMATION</p> <p>S GREEN SILTSTONE-ARGILLITE COUPLES; MINOR SILTY DOLOMITE, QUARTZITE</p> <p>K2 DOLOMITE, SILTY DOLOMITE, LIGHT GREEN SILTSTONE; MINOR Limestone, K1 - GRADATIONAL CONTACT</p> <p>CRESTON FORMATION (UNDIFFERENTIATED)</p> <p>F THICK-BEDED, WHITE QUARTZITE, GREEN ARGILLITE + THIN-BEDED, WHITE AND GREEN QUARTZITE, GREEN AND PURPLE ARGILLITE, ABUNDANT MUD CRACKS, CROSSBEDDING, AND GRADED BEDS + THIN TO MEDIUM-BEDED, PURPLE AND GREEN SILTSTONE-ARGILLITE COUPLES + MEDIUM-BEDED, GREEN TO GREY SILTSTONE, DARK GREY ARGILLITE</p>	<p>ALDRIDGE FORMATION</p> <p>A3 ARGILLITE, MINOR SILTSTONE + DARK GREY ARGILLITE WITH LENTICULAR BEDDING + DARK GREY FINELY LAMINATED ARGILLITE</p> <p>A2 QUARTZITE, SILTSTONE; INTERLAYERED WITH DARK ARGILLITE</p> <p>A1 FINELY LAMINATED ARGILLITE, SILTSTONE; MINOR DOLOMITE, QUARTZITE</p> <p>F MEDIUM TO DARK GREY SILTSTONE, ARGILLITE + THIN-BEDED QUARTZITE + MEDIUM-BEDED SILTSTONE, ARGILLITE; ABUNDANT LENTICULAR AND RIPPLE CROSSBEDDING BY - TRANSITION ZONE + RUSTY WEATHERING, DARK GREY ARGILLITE + LIGHT GREY, GREEN, TAN SILTSTONE, ARGILLITE + BLACK GRAPHITIC ARGILLITE + SILTY DOLOMITE, DOLOMITIC SILTSTONE; MINOR LIMESTONE + GREY TO BLACK SILTSTONE AND ARGILLITE</p> <p>F FORT STEELE FORMATION (UNDIFFERENTIATED)</p> <p>F LAMINATED, MID-CRACKED SILTSTONE, THIN-BEDED, SPARSE QUARTZITE + THICK-BEDED, WHITE QUARTZITE; ABUNDANT CROSS-BEDDING</p>	<p>SYMBOLS</p> <p>GEOLOGICAL CONTACT: DEFINED, APPROXIMATE, ASSUMED</p> <p>FAULT: DEFINED, APPROXIMATE, ASSUMED</p> <p>ANTICLINE - AXIAL SURFACE</p> <p>BEDDING (S₁): INCLINED, OVERTURNED</p> <p>FOLIATION, CLEAVAGE (S₂)</p> <p>LINERATION (S₀ - S₁): INTERSECTION</p> <p>FOLD AXIS</p> <p>MINERAL DEPOSIT</p> <p>LIMITS OF OUTCROP (OR MAPPING)</p> <p>ROAD: HARD SURFACE, LOOSE SURFACE</p> <p>CART TRACK</p> <p>RAIL</p> <p>RAILROAD</p>
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CONTOUR INTERVAL: 500 FEET

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