



**Canada**  
Yukon

**QUATERNARY**  
Alluvium, colluvium, and glacial deposits. Shaded areas indicate approximate extent of historical and current placer gold workings.

**EARLY CRETACEOUS**  
Selwyn and/or Tombstone plutonic suite(s)  
Medium- to coarse-grained, locally porphyritic granite  
Medium-grained, locally porphyritic quartz monzonite  
Medium- to coarse-grained potassium feldspar-dioryne-biotite-hornblende quartz syenite  
Medium- to coarse-grained potassium feldspar-dioryne-biotite-hornblende syenite  
Fine- to medium-grained diorite  
Fine-grained, locally porphyritic, primarily granitic gneiss

**DEVONIAN AND MISSISSIPPIAN**  
Earm Group  
Grey to black shale/phyllite, siltstone, sandstone, and chert-pebble conglomerate

**ORDOVICIAN, SILURIAN, and DEVONIAN**  
Roar River Group  
Beige-orange, massive to well laminated, locally ripple cross-laminated dolomitic siltstone  
Grey to black slate and thin-bedded chert

**UPPER PROTEROZOIC(?), LOWER PALEOZOIC(?)**  
Locally recrystallized calcareous phyllite, silt- to medium-bedded metabasaltic marble, and rare limestone-pebble conglomerate; cherty calcareous rock near intrusions

**Hyland Group**  
Prominently foliated and linearized muscovite-chlorite phyllite, quartzofeldspathic and micaceous psammite, gneiss, gabbro, rare calcareous and mafic

**MINERAL OCCURRENCES\***  
Intermediate and Felsic Intrusion Associated  
11 JOSEPHINE W-Au  
12 PUKISSAN W-Au  
13 PUKISSAN W-Au  
34 BARNEY W-Sn  
Sawtooth  
47 ZETA Sn-Ag greisen  
Sisalabound  
45 OMEGA bedded Ba  
Vain  
23 LEWIS Au in quartz vein  
Work Tenants  
29 Unnamed  
35 Unnamed  
45 Unnamed  
60 Unnamed

**SYMBOLS**  
Geological contact (defined, approximate, assumed)  
Fault (defined, approximate, assumed, assumed under cover)  
Limit of outcrop  
Actual surface trace (defined, approximate, assumed)  
Overturned anticline, upright syncline, overturned syncline  
Bedding (upright, overturned, facing unknown)  
Foliation, mineral or chlorite schistosity (assumed) and direction of plunge indicated, one tick mark indicates earliest phase of deformation, two tick marks indicate subsequent phases of deformation  
Mineral occurrence as enumerated in Yukon file  
Line of cross-section  
Breccia zones  
Summer road

**LEGEND**

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**Indian and Northern Affairs Canada**  
Exploration and Geological Services Division  
Yukon Region

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**GEOLOGICAL MAP OF CLEAR CREEK MAP AREA, WESTERN SELWYN BASIN, YUKON (115P/14)**

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116A3	116A2	116A1
115P/14 This study	115P/15 1993 (proposed)	115P/16 1994 (proposed)
115P/11	115P/10	115P/9

**CLEAR CREEK**  
YUKON TERRITORY  
SCALE 1:50 000 ÉCHELLE  
CONVERSION SCALE FOR ELEVATIONS  
Meters  
Feet

CONTOUR INTERVAL 100 FEET  
Elevation based on Canadian National Height Datum  
North American Datum  
Transverse Mercator Projection  
MAGNETIC DECLINATION 37° 55' EAST  
Annual change (century) 4

The information on this map has been submitted to the Canadian Geographical Names and may be used by the Survey and Mapping Branch.  
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1993

ONE THOUSAND METRE  
UNIVERSAL TRANSVERSE MERCATOR GRID  
ZONE 8

APPROXIMATE MAP RESOLUTION 1941  
POLE CENTER OF MAP

2° 41'  
2° 40'

1:50 000

1:50 000

1:50 000

1:50 000

1:50 000

1:50 000