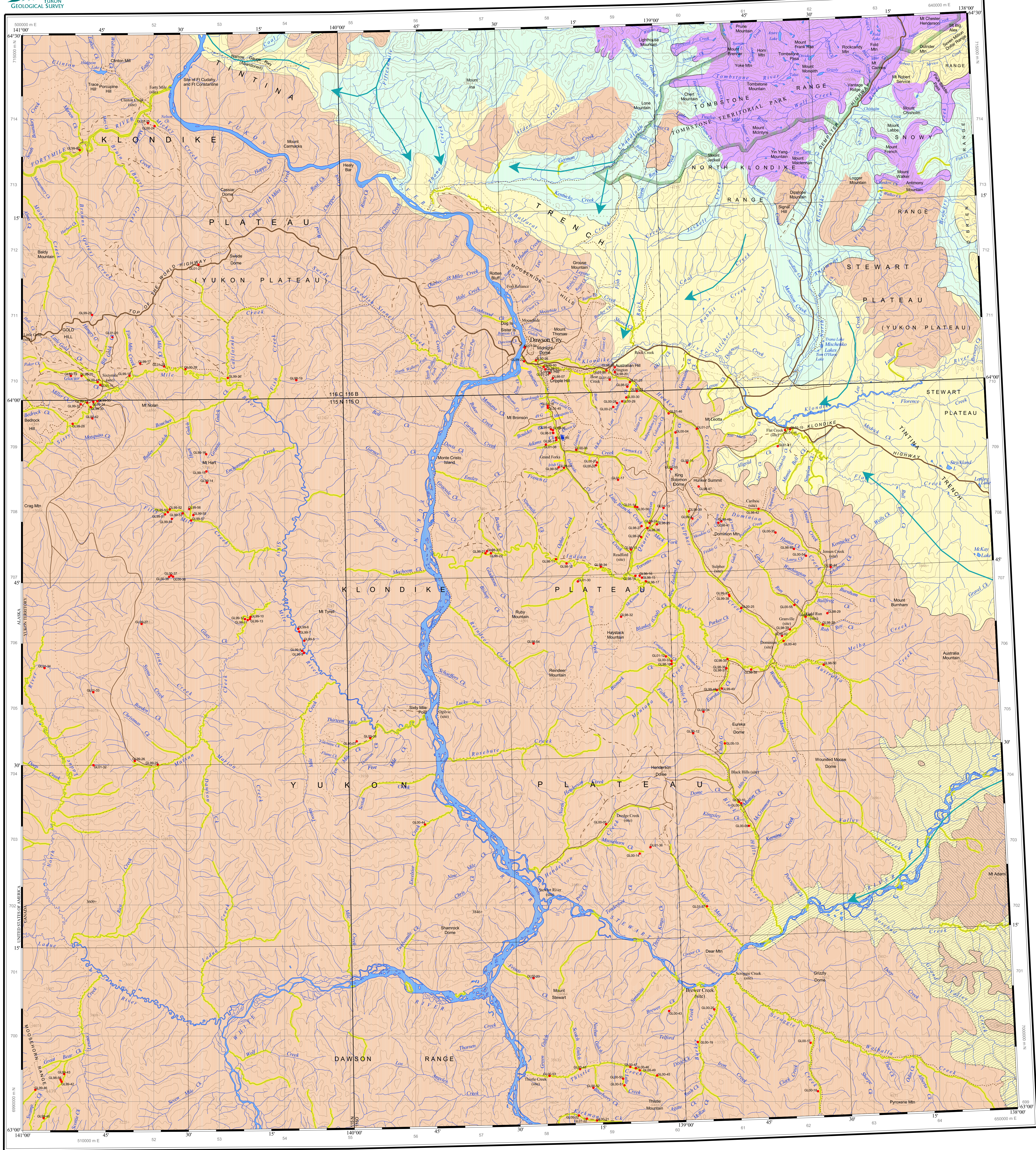




LEGEND

PLACER PROJECT

- stations (first two numbers after GL in station label represent year of investigation)
- proven or potential gold-bearing stream

GLACIAL LIMITS:

- established (Duk-Rodkin, 1999b)
- estimated (Duk-Rodkin, 1999b)
- interpolated (Duk-Rodkin, 1999b)
- alternative limits based on Bostock (Jackson et al., 2001)

GLACIAL DEPOSITS:

- McConnell (ca. 22 Ka) (Duk-Rodkin, 1999b)
- Reid (ca. 200 Ka) (Duk-Rodkin, 1999b)
- Pre-Reid (from ca. 3 Ma) (Duk-Rodkin, 1999b)
- unglaciated (Duk-Rodkin, 1999b)
- alternative Pre-Reid: based on Bostock (Jackson et al., 2001)
- alternative unglaciated: based on Bostock (Jackson et al., 2001)

OTHER GLACIAL FEATURES:

- major ice flow direction (Duk-Rodkin, 1999a)

BASEMAP FEATURES:

- seaplane base
- heritage Sites
- seaplane base
- tower
- building
- built-up area
- campground
- UTM grid lines (10 km spacing)
- highway
- 2 wheel drive road
- 4 wheel drive road
- trail
- winter trail
- other
- Territorial boundary
- Mining District boundary
- Tombstone Territorial Park boundary

STATIONS

Station locations mainly represent visits to active and abandoned placer mines, although several stations are established at natural gravel exposures. Information collected at stations utilized a three-page field report form that includes:

- 1) Station location data (i.e., name and number of topographic map, name of creek or river, latitude and longitude of station, owner-operator, stratigraphy or age of exposure, inferred glacial limits, landforms present, type of bedrock exposed, type of bedrock alteration, other comments such as gold fineness and size, and a sketch map of the exposure or mining operation);
- 2) A stratigraphic section (i.e., thickness of gravel, texture and type of contacts, sorting, grading, clast fabric, other sedimentary structures, paleoflow direction, colour of gravel, lithology of gravel, alteration of gravel, clast shape and roughness, other remarks such as sample number, lithoclast type, sedimentological architectural element type and inferred environment of deposition); and
- 3) A panel diagram (i.e., essentially a vertical geologic map showing the lateral and vertical distribution of lithofacies).

Note: Depending on the quality of exposure, not all stations have a stratigraphic section or panel diagram (i.e., only station location data may have been collected).

DATA SOURCES AND ACKNOWLEDGEMENTS:

Proven or potential gold-bearing stream locations from Lipovsky et al. (2001), 1:250 000 scale Yukon MINFILE 2001 maps; gold bearing streams reported on Gilbert's (1979) "Treasure map"; and Yukon Placer Database (LeBarge, 2002).

Glacial limits and deposits are from Duk-Rodkin's 1:250 000 scale compilation (1999b). Alternative Pre-Reid limits based on Bostock's work are also shown in the Stewart River area, as proposed by Jackson et al. (2001).

Topographic base provided by Natural Resources Canada in conjunction with Yukon Land Information Management System (LIMS). Roads and trails were modified by Department of Renewable Resources, Yukon Government.

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Duk-Rodkin, A., 1999a. Glacial limits map of Yukon Territory. Geological Survey of Canada, Open File 3694. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Geoscience Map 1999-2, 1:1 000 000 scale.

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Yukon MINFILE - Mineral Occurrence Maps (1:250 000 scale), 2001; Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

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This map accompanies bulletin:

Lowey, G.W., 2004. Placer geology of the Stewart River (115N & O) and part of the Dawson (116B & C) map areas, west-central Yukon, Canada. Yukon Geological Survey, Bulletin 14.

Compilation, digital cartography and drafting by P.S. Lipovsky and S. Deforest, Yukon Geological Survey.

Any revisions or additional information known to the user would be welcome by the Yukon Geological Survey.

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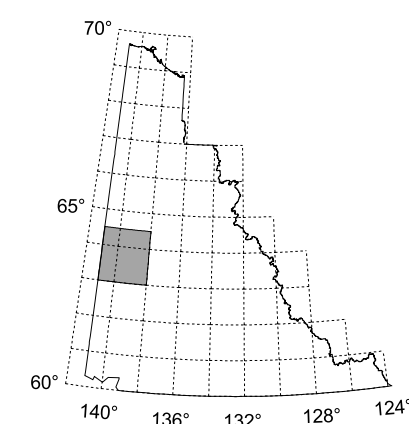
Keep this map in a dark area to keep colours from fading.

Yukon Geological Survey
Energy, Mines and Resources
Yukon Government
Bulletin 14, Map 1
Open File 2004-12

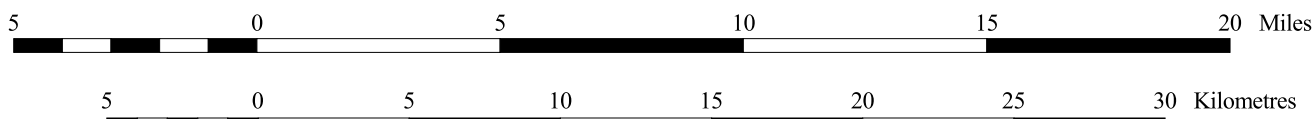
Stewart River Placer Project Station Location Map, Portions of NTS Sheets 116B & C and 115N & O, west-central Yukon (1:250 000 scale)

by G.W. Lowey, S. Deforest and P.S. Lipovsky

NOTE: This map is issued as a preliminary guide only and is not intended to be used for navigation or to define legal boundaries. The map was produced by compiling data from various sources, and no responsibility will be taken by the Yukon Geological Survey for any errors, inaccuracies or omissions whatsoever.



STEWART RIVER PLACER PROJECT Station Location Map Portions of NTS Sheets 116B & C and 115N & O, west-central Yukon Scale 1: 250 000



CONTOUR INTERVAL 200 METRES
Elevations in Feet above Mean Sea Level
North American Datum 1983
Transverse Mercator Projection
Ten Thousand Metre Universal Transverse Mercator Grid
ZONE 7

Magnetic declination 1985 for 1150&N varies from 20°45' easterly at centre of west edge to 30°38' easterly at centre of east edge. Mean annual change decreasing 14.7'.
Magnetic declination 1990 for 116&C varies from 30°17' easterly at centre of west edge to 31°15' easterly at centre of east edge. Mean annual change decreasing 11.3'.