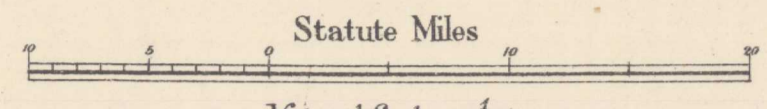


Geological Survey Department,  
Canada.

HONOURABLE EDGAR DEWDNEY, MINISTER.  
ALFRED R. SELWYN, C.M.G., LL.D., F.R.S., & DIRECTOR.  
1891.

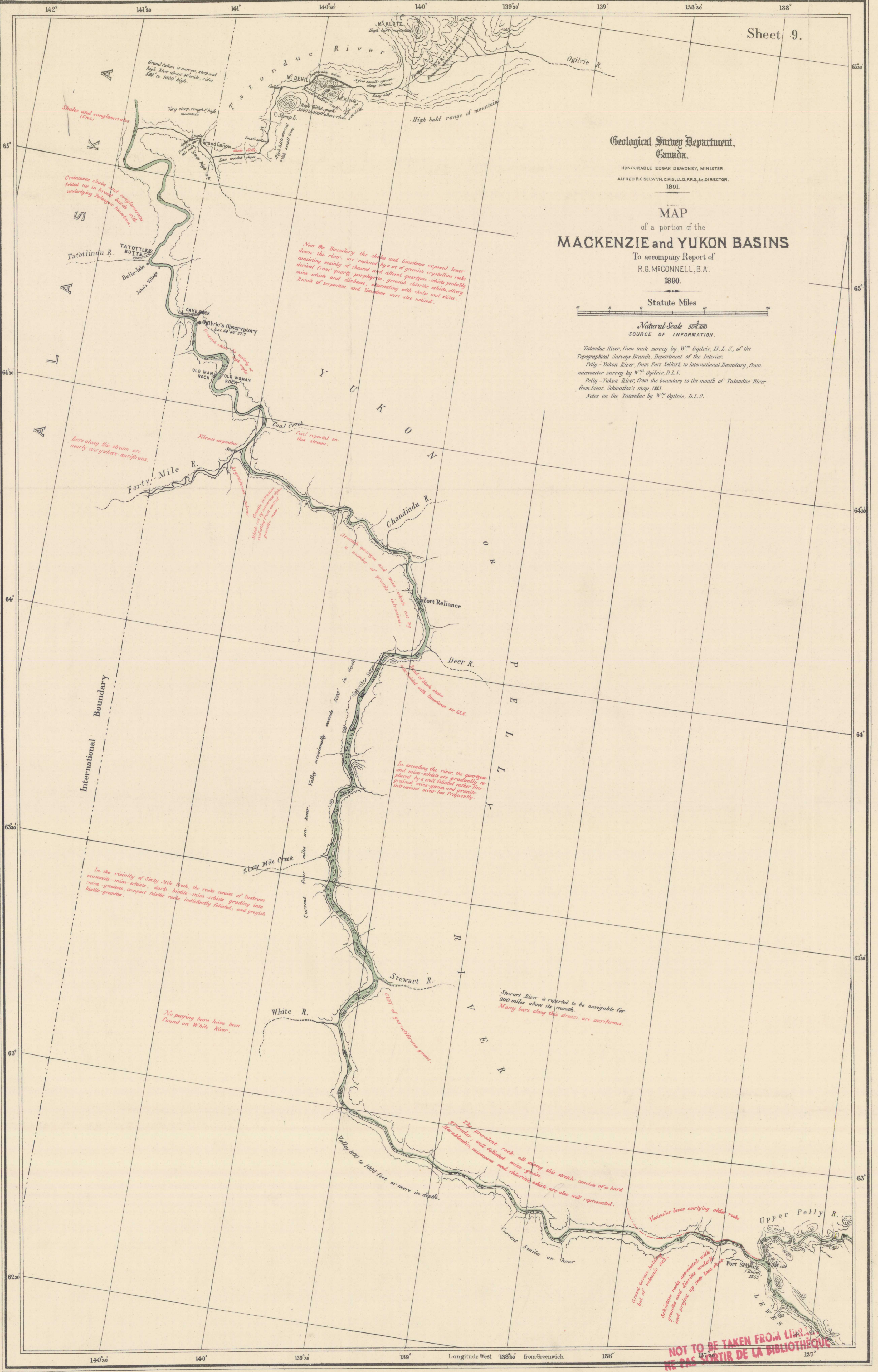
MAP  
of a portion of the  
**MACKENZIE and YUKON BASINS**

To accompany Report of  
R. G. MCCONNELL, B.A.  
1890.



Natural Scale 506,880  
SOURCE OF INFORMATION.

Tatonduc River, from track survey by W<sup>m</sup> Ogilvie, D.L.S., of the  
Topographical Surveys Branch, Department of the Interior.  
Pelly-Yukon River, from Fort Selkirk to International Boundary, from  
micrometer survey by W<sup>m</sup> Ogilvie, D.L.S.  
Pelly-Yukon River, from the boundary to the mouth of Tatonduc River,  
from Lieut. Schuchert's map, 1883.  
Notes on the Tatonduc by W<sup>m</sup> Ogilvie, D.L.S.



Shale and conglomerates (see).

Very steep, rough high mountains.

Grand Cañon is narrow, deep and high. River about 10 miles wide, sides 500 to 1000 high.

Creaceous shale and conglomerates folded up in broad folds with underlying Paleozoic limestone.

Bars along this stream are nearly everywhere auriferous.

Alfons serpentine.

Coal reported on this stream.

Stony quartzite and mica schists, and in part a number of granite intrusions.

In ascending the river, the quartzites and mica schists are gradually replaced by a well foliated rather fine-grained mica-gneiss and granite intrusions occur less frequently.

In the vicinity of Sixty Mile Creek, the rocks consist of lustrous micaceous mica-schists, dark biotite-mica schists grading into mica-gneisses, compact felsitic rocks indistinctly foliated, and greyish shaly granites.

No paying bars have been found on White River.

The present rock all along this stretch consists of a hard granitic, well foliated mica-gneiss. Amphibolitic micaceous and chloritic schists are also well represented.

Vegetable leaves overlying older rocks.

Grand terrace between part of volcanic ash.

Schistose rock associated with granitic and quartzite underlay and projects up into lower part.

Current 5 miles an hour.

Upper Pelly R.

Port Selkirk (Bain) 1855.

Yukon Exp. Sheet 9.

5-1-1  
A, Geol.

Compiled and drawn for Photo-lithography by C. O. SENECAL, C.E. under the direction of Scott Barlow, Chief Draughtsman.

Photo-lithographed by the Sebastian Litho & Pub Co Montreal.

To accompany Part D, Annual Report, Vol. IV, 1890. Map no. 313.