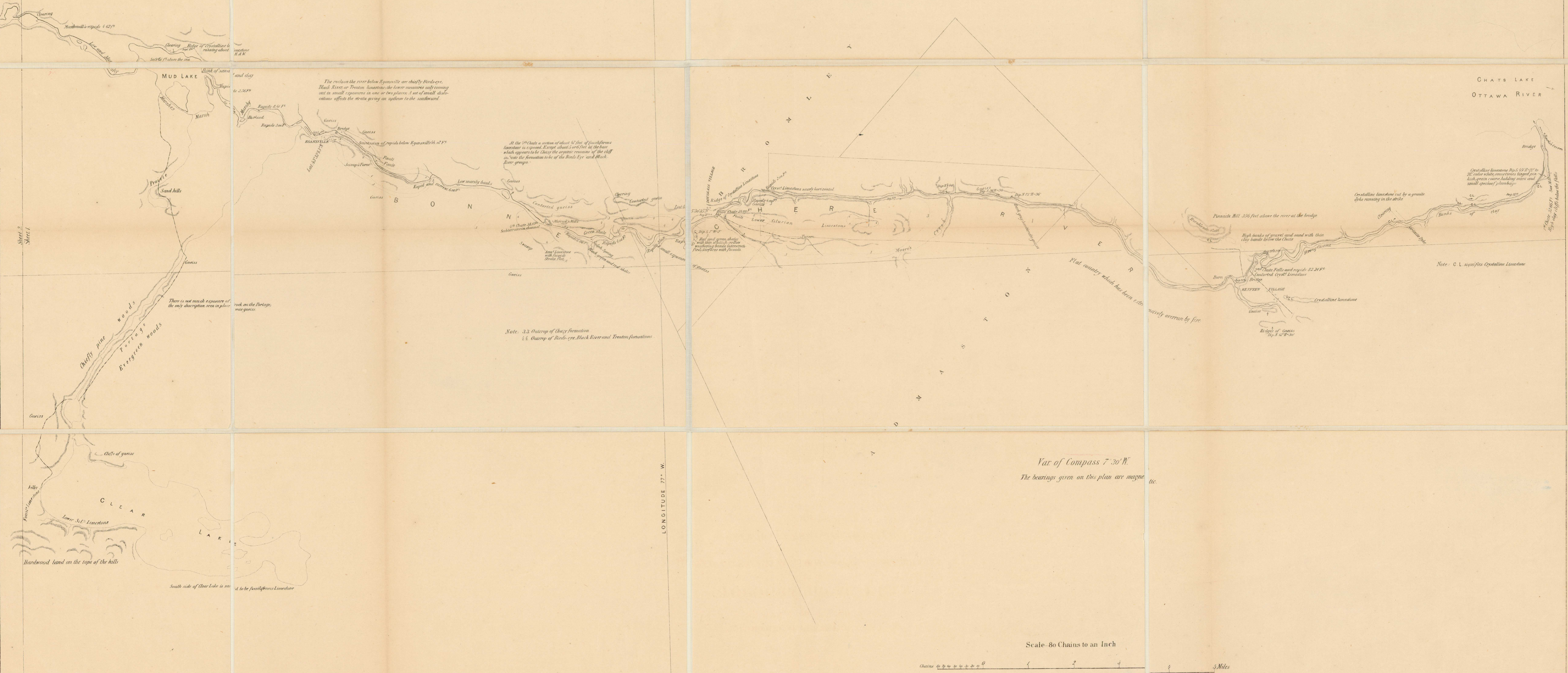


GEOLOGICAL SURVEY OF CANADA
 Sir W^m E. Logan F.R.S. Director.
TOPOGRAPHICAL PLAN
 OF THE
RIVER BONNECHERE & S.W. BRANCH OF THE MADAWASKA
 WITH A SKETCH OF THE
HEADWATERS OF THE OTTONABEE
 by A. Murray Esq.
Ass^t Prof^r Geologist
 1853.
C. Mathew Lith. Montreal.

— Sheet 1 —



The rocks in the river below Egmontville are chiefly Black-cre. Black River and Trenton. Sometimes the lower occurs underlying out in small exposures in one or two places. A set of small strata affects the strata giving an upturn to the southward.

At the 1st Chate a section of about 50 feet of fossiliferous limestone is exposed. Except about 5 or 6 feet at the base which appears to be Chazy the exposed remains of the strata in "note the formation like of the Birds Eye and Black River groups.

At the 2nd Chate a section of about 50 feet of fossiliferous limestone is exposed. Except about 5 or 6 feet at the base which appears to be Chazy the exposed remains of the strata in "note the formation like of the Birds Eye and Black River groups.

Crystalline limestone dips 5-10° E-90° to 20° color white, some strata tinged pink. Both systems coarse bedding, narrow and small species of plants.

Note: C L signifies Crystalline Limestone

Note: 32 Outcrop of Chazy formation.
 33 Outcrop of Black-cre. Black River and Trenton formations.

There is not much exposure of rock on the strata; see gneiss.

Var of Compass 7° 30' W.
 The bearings given on this plan are magnetic.

Scale - 80 Chains to an Inch

