Field notes of a Survey at Bartibog for John Moody Esqr.

U.N.B. ARCHIVES

Began at the Point made by Bartibog & Miramichi Rivers on the East side of Bartibog — at a large round Rock on the Shore & ran

N 74° E	8 ch^s	the first half of this whole line the Bank Steep 8 or 10 feet high — the latter part rises Gently from the water the whole Skirted with a Strip of meadow ab^t 1 ch wide wood. Oaks beach maple Birch — some fir & Spruce
S 85° E	8	
N 70° E	22,80	
S 68° E	2.70	
N 72° E	13	
	54,50 ch	at the end of this line

marked an Oak No. 71 with red pencil —

H:M

Lewis Florence Chain man Sworn carried the hinder end of the Chain my self —

Some Practical Mathematical matters worth keeping in Remembrance

U.N.B. ARCHIVES

Table of Natural Sines to Every half Point the Compass beginning at One ——

Numbers or Nat: Sines	
1.	195
½	290
1	383
1½	471
2	556
2½	634
3	707
3½	773
4	831
4½	882
5	924
5½	957
6	981
6½	995
7	1000

which are useful to find the diff of Lat. & Departure. thus. viz

For the Departure

Take the number against the Course & multiply it by the distance — cut off the three right hand figures for decimals —

For the Diff: of Latitude

Take the number against the Complement of the Course & do as above —

Example —

a Ship sails 125 miles N N 8 — what is her diff. Lat. & Dep.

125
383
375
1000
375
47875 answ 47 miles 875/1000 Dep.

125
924
500
250
1125
115,500 Diff Lat is 115½ miles