

as ranges of hills are in reality the enclosing walls of this great valley (Figure 3).

There are a number of other linear valleys in the Quebec portion of the Timiskaming region which, although not so deep or long as the Timiskaming gorge, are nevertheless notable depressions. About 10 miles east of lake Timiskaming, a parallel northwest-southeast trend trench extends from Campbell bay on lake Kipawa to Otter lake in Laverlochere township; this is directly in line with another depression farther to the northwest occupied by Long lake and the north

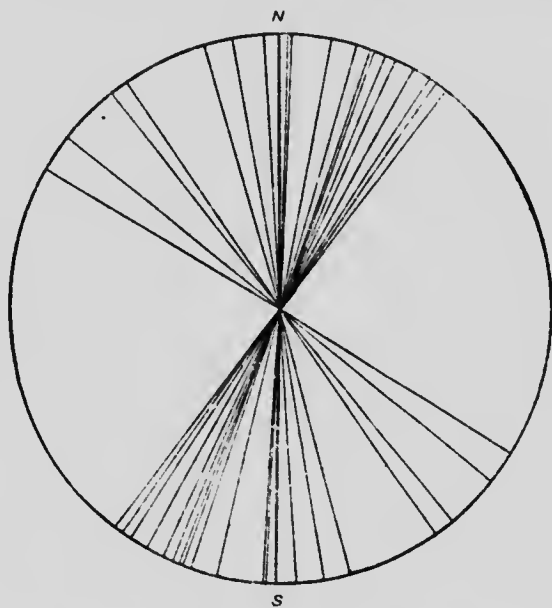


Figure 4. Directions of linear valleys.

trending portion of Rivière des Quinze; and it is probable that these valleys are parts of the same gorge. So much glacial drift has been deposited in the trench that it is not possible to determine its depth. In the district between Otter and St. Amant lakes, however, it is hemmed in the east by a cliff between 200 and 300 feet high over which the creek from Silver lake descends precipitously to the valley beneath, forming a very picturesque waterfall.

In the northern and central parts of Timiskaming county there is a series of linear depressions extending in a north-south direction from Robertson lake in Privat township to Vaudray (Long) lake in Vaudray township—a distance of 50 miles—which are probably parts of a series