

Leigh and Ericson Mine, Township 158, Range 85, Section 5. —This mine was recently opened. The entry has been driven 100 feet into the bank, showing a seam of good quality and uniform texture from three to four feet thick. A peculiar ridgelike elevation had just been struck at the end of the entry. The following sections, A, taken fifty feet from the entry, and B, taken at the top of the ridge at the point of digging, show how the lenticular shaped layer of clay lies between the sand and the lignite :

	FEET
A	
Sand to top of mine	
Clay	1
Lignite	4
Clay, bottom of mine	
B	
Sand, top of mine	
Lignite	4
C l a y B o t t o m o f m i n e	
	PER CENT
Volatile matter	35.14
Fixed carbon	59.75
Ash	5.11
Total	100.00

The sales from this mine are mostly local.

The analysis of the dried lignite is as follows :

One mile above the Leigh-Ericson mine, on the river, there are a large number of openings in the coulees from which lignite in very considerable quantities is taken during the winter by farmers who resort to these places from many miles for their fuel.

No mines were in operation during the summer between the Leigh-Ericson mine and Kenmare. Mr. Hill of Galva was driving an entry with the intention of mining there during the winter.; but as has been learned later, the opening was not a success.