

Hofflund, Nesson, Beaver Creek.—On Beaver creek, three miles above Hofflund, there is an opening from which a local supply of coal is drawn.

The analysis of the Beaver creek sample shows it to be of very fair quality and low in ash. Dried before analysis ^{PER CENT}

Volatile matter	38.34
Fixed carbon	57.97
Ash	3.69
Total	<u>100.00</u>

This mine is situated in the north bluff of the old valley previously mentioned in the text, extending between White Earth creek and Hofflund. The entry has been carried in thirty-five feet, showing a seam of lignite ten feet thick, lying between a light gray clay above and a darker clay below. The entry is so low that about four feet of the seam is covered with water while the creek is at its highest level. The mine is opened only to supply a local demand, and situated as it is, thirteen miles from the nearest railroad station, the output will be small for some time to come.

On the opposite side of the valley, Mr. Hanson has an opening located at the top of the bluff overlooking the Missouri. Here the seam, four or five feet thick, lies but a few feet below the drift covering the hill. From Hofflund to Nesson postoffice an accumulation of gravel and alluvium along the river terrace obscures all outcrops, except one in the bank at Mr. Wescott's-

farm. This opening lies at the base of the gravel terrace which rises 100 feet above it. The seam is small and but little lignite has been removed.