

In the valley south of White Earth, from an opening on the school section in Township 156, Range 94, Section 16, some loads of lignite have been removed. Further down, on Sections 21 and 22, Mr. E. T. Williams has opened a seam that shows a thickness of from four to five feet. A large stream of water, which must occasion some difficulty, flows away from the mine. Otherwise mining here would be easy, since the seam is overlain with but a few feet of Clay and is easy of access. The same vein outcrops at several places within a half mile of this opening.

Analysis of dried lignite from the seam opened by E. T. Williams :

	PER CENT
Volatile matter .....	31.59
Fixed carbon .....	44.49
Ash .....	23.92
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Total .....	100.00

Two miles farther down the stream, Mr. M. S. Williams has several places from which he may take his fuel, one seam having a thickness of eight feet. A three-foot seam was discovered in digging a root cellar about sixty feet from his woodpile, by the house. Four miles below this point, in the vicinity of Mr. Boyd's ranch, several openings occur where the seam is five or six feet thick.

The outcrop from which Mr. Boyd gets his fuel shows the

following analysis. Lignite dried before analyzing

	PER CENT
Volatile matter .....	37.85
Fixed carbon .....	55.18
Ash .....	6.97
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Total .....	100.00