

Good water can be obtained in abundance, both by digging and from small creeks. The south-west is low and swampy. Several belts of low lands stretch in different directions through the township.

Township No. 14.—This township is well adapted for settlement. The soil is a rich loam, mostly dry and arable.

The White Mud River flows across the township from west to east. The water is excellent in quality.

Timber is abundant—suitable for building and fencing purposes.

Townships Nos. 15 and 16.—Are generally well adapted for agricultural purposes. In the centre of township number sixteen there is a large belt of heavy poplar timber, and in the south-west corner of township number fifteen there is a considerable quantity of wood land.

THIRTEENTH RANGE WEST OF PRINCIPAL MERIDIAN.

Township No. 2.—Is rolling prairie land with good soil. No water is to be found excepting in swamps and gullies and by digging. Some timber grows in the north and north-east parts of the township.

Township No. 3.—The surface of this township is rough and broken, particularly in the neighborhood of "Rock Lake," which is situated about 300 feet below the level of the surrounding prairie. The ground, for about half a mile on all sides, slopes towards the lake, and is very much broken by knolls and gullies. The soil on the south side of the lake, on the high lands, is sandy and in the valleys is of a loamy nature. The soil to the north of the lake is in most places a sandy loam. The water in the lake is of considerable depth and quite fresh and good.

The Pembina River flows eastward from the lake; it is about 1 chain and 50 links wide, and about four feet deep in summer, very crooked and with a slow current. A large quantity of oak grows along the northern shore of the lake, and on the southern shore a quantity of poplar.

In the northern part of the township oak and poplar is to be found in large quantities.

Township No. 4.—The surface of this township is in most places broken with knolls and ponds.

In the north-eastern part it is very low, and in the spring and fall of the year is generally flooded.

The soil is a dark loam, except on the tops of the knolls, where it is gravelly.

There are no streams in the township, but there are a great number of lakes, most of which are impregnated with salt, so much so that the water cannot be used.

There is not much large timber, though small poplars, stunted oak and willows abound, particularly around the largest lake, which is situated in the south-western part of the township.

There is no stone nor indications of minerals of any kind.

Township No. 5.—The northern part of this township is a series of broken hills, covered chiefly with brush, scrub-oak and poplar. Alkaline lakes are to be found in sections 33, 34, 25, 36, 29 and 31. The southern part is made up of patches of brush and prairie.

Two deep gullies, with standing pools of good spring water, run across the township.

The soil on the hills is rather gravelly, but good black loam may be found in the lowlands.

Township No. 6.—Is rolling land; the southern part very hilly. Cypress River runs through the north-east corner. A large creek runs through the centre of the township and empties into a swamp at the north, which has an area of some 1,200 acres. A very large spring of good water rises near this creek in section 29. There is some good timber along the banks of the Cypress River and the above-mentioned creek, and also in the south-east corner of the township.