

## General Description.

The eastern portion of this township is rough and mountainous, while the western portion is level. The soil in the extreme west and south west portion is heavy clay and adobe, containing some alkali. The remainder of the level portion is rich clay and sandy loam, but very dry. The soil over the foot hills is usually coarse, gravelly, and stony, and contains a great deal of lime. The soil on the higher ridges contains quite a bit of decomposed vegetable matter, and is frequently, a rich, black loam. However, there is not much of this soil, and it is all very rocky. There is a great deal of slide rock, and many cliffs and solid outcrops. The level part of the township that is free from alkali, would make fine agricultural land, if water could be had for irrigation.

Practically all of the mountainous part of this township is covered with a dense growth of piñon pine, mountain mahogany, and scrub cedar timber. There are also patches of dense and heavy fir timber, some of the trees being large enough to make good lumber. The other timber is valuable for fence posts, cord wood, and char coal. There is no timber on the level portion of the township.

Most of the rock is lime stone and quartzite. There is also some red volcanic rock. I saw no indications of mineral that would lead me to believe, if developed, would lead to any appreciable values.

There is no water in the township, except during the spring months, when there is some snow water. No water flows out of the mountains, which fact leads me to believe that water might be had by sinking wells.

Over the higher ridges and in the draws, there is a good growth of grass, which furnishes grazing for a limited number of cattle during the spring months. On the level portion, there are large patches of white sage, which furnish winter feed for cattle.

There are no settlers in the township.