

## Mineral Segregation Survey in T. 25 N., R. 25 E.

properly reduced to the true horizontal distances. The clinometers used were of the improved large size. Plummets were used at both ends of the tape.

## Chains

Subdivisions, Sec. 31, T. 25 N., R. 25 E.

From the  $\frac{1}{4}$  sec. cor. bet. secs. 30 and 31, which is a 1 in. iron post, firmly set in the ground, properly mkd and witnessed

South, along meridional  $\frac{1}{4}$  sec. line through sec. 31

79.97 Fall 19 lks. W. of the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, on S. bdy. of tp., which is a 1 in. iron post, firmly set in the ground, properly mkd and witnessed

The bearing of the meridional  $\frac{1}{4}$  sec. line therefore is, S.  $0^{\circ} 08'$  E., and the dist., 79.97 chs.

From the  $\frac{1}{4}$  sec. cor. of secs. 31 and 32, which is a 1 in. iron post, firmly set in the ground, properly mkd and witnessed

West, along latitudinal  $\frac{1}{4}$  sec. line through sec. 31

69.13 Fall 22 lks. S. of the  $\frac{1}{4}$  sec. cor. of secs. 31 and 36, on W. bdy. of tp., which is a 1 in. iron post, firmly set in the ground, properly mkd and witnessed

The bearing of the latitudinal  $\frac{1}{4}$  sec. line therefore is, N.  $89^{\circ} 49'$  W., and the dist. 69.13 chs.

At the intersection of the meridional and latitudinal  $\frac{1}{4}$  sec. lines:

Set an iron post, 3 ft. long, 1 in. dia., 3 ins. in the ground, to solid rock, in a mound of stone, for the center  $\frac{1}{4}$  sec. cor. of sec. 31, with brass cap mkd

C $\frac{1}{4}$ S31

1931

At base of post deposit a mkd(X) granite stone, 6X4X3 ins.

$\frac{1}{4}$  sec. cor. of secs. 30 and 31, bears N.  $0^{\circ} 08'$  W., 39.80 chs.  
 $\frac{1}{4}$  sec. cor. of secs. 31 and 32, bears S.  $89^{\circ} 49'$  E., 39.94 chs.  
 $\frac{1}{4}$  sec. cor. of secs. 6 and 31, bears S.  $0^{\circ} 08'$  E., 40.17 chs.  
 $\frac{1}{4}$  sec. cor. of secs. 31 and 36, bears N.  $89^{\circ} 49'$  W., 29.19 chs.