

## INSTRUMENT.

This survey was made with a Lietz Mining Transit, No. 5262. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 660-ft. steel tape.

## REPORT.

The bearing object referred to on the west side of Sec. 33, T 8 N., R 35 E., M.D.M. is a monzonite porphyry rock 9x9x12 ins. chiseled  $1/4$  on W. face, surrounded by a few smaller rocks. Due to the fact that the chisel marks seem to be rather fresh and the further fact that Sur.No.3447 was tied to the N.E.Cor.Sec.33 although the ground embraced in Sur.3447 is very close to the west  $1/4$  corner, I have also given ties to the N.E.Cor. which is

N.E.Cor.Sec.33, T 8 N., R 35 E., M.D.M. is a monzonite porphyry rock 13x11x9 ins. with one notch on the south and three notches on the east sides.

Goodenough lode, unsurveyed.

Cors.No.3,4,5 and 6 are pine posts 4 ins. square, properly set and marked. I find courses of lines 3-4 and 5-6 to be S.  $7^{\circ}19'W$  and N  $7^{\circ}19'E$  respectively, and course and distance of line 4-5 to be S  $50^{\circ}01'W$  884.8 ft.

Butte Ex. lode, unsurveyed.

Cors.No.1, 2 and 3 are pine posts 4 ins. square, properly set and scribed. I find course of lines 1-2 and 2-3 to be S  $7^{\circ}19'W$  and S  $58^{\circ}18'W$  respectively.

Intersections of Saddle lode with section line were calculated from field notes of public land survey on file in U.S.Surveyor General's Office.