shaft, and a 60 ft.tunnel running S.16° 30'W. from the bottom of shaft the top of which bears N.88° 32'E. 147.1 ft.from Cor.No.1; the shaft being 4 x 8 ft. and the tunnel a 4 x 6 ft., all in solid rock.

Value, ...$1600.00.

OTHER IMPROVEMENTS.

A gallows frame and a 40 H.P.gasoline engine in shaft house; the gallows frame bears N.88° 32'E. 147.1 ft. and the engine bears S.76° 30'E.116 ft.from Cor.No. 1.

INSTRUMENT.

This survey was made with a Buff and Buff light mountain transit. The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with 100 and 650 ft. steel tapes.

R E P O R T.

The corner of secs.22,23,26, and 27, T. 1 N., R. 67 E., Mt.Diablo B. and M., is a pine post 4 ins.square extending 3 ft.above mound of stone firmly set, marked S 23 T 1 N on N.E.; S 26 R 67 E on S.E.; S 27 on S.W., S 22 on N.W.faces, alongside of which I found a small stake, marks nearly obliterated, which is supposed to be the original corner.

Corner No.6, Survey No.3181, Imperial lode and N.W. Cor.Price lode, unsurveyed; and Cor.No.3, Survey No.3096, Scranton Mine lode, is a 4 x 6 ins.sawed post well set and extending 2 ft.above mound of rock.

Corner No.5, Survey No.3181, Imperial Lode; Cor.No.