quartz, with massive iron pyrite and arsenical iron. The vein matter is quite soft and the width has not been determined; the open cut on the east shows the well-mineralized quartz to be at least 5 feet wide. The open cut on the west is down 18 feet in a soft oxidized iron vein, well filled with kidneys of iron ore, containing some copper.

Mineral Vein No. 4.

This vein is developed by two shafts, 1 open cut and 2 trenches. Shaft No.6 is down 13 feet in a heavy iron-capped vein; this shows the whole mass to be heavily charged with iron pyrites and iron pyrrhotite, with some copper and Molybdenite. The workings show this ore body to be at least 9 feet wide without either wall in sight. The trenches east and west both show the vein. Shaft No. 5 is down 50 feet in an enormous iron capping, with an abundance of iron pyrrhotite, with some iron pyrites. The rock hes softened with depth. This

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