

of this, there is a sump twenty-one feet deep, making in all a depth of six hundred and six feet from the surface. At the ninth level or five hundred and eighty-six feet from the surface, the fissure is twenty-two feet wide, but contains no ore, and is filled with clay and fragments of porphyry; in fact nothing of value has been discovered in this mine in the progress of sinking below the level of the seventh gallery, or for a distance of one hundred and sixty-seven feet. All the ore, which is now being extracted, amounting to from forty to fifty tons a day, is taken from the upper works near and above the seventh level. How long these supplies will last, it is utterly impossible to predict. Two years ago those persons who were most familiar with this mine were unable to see ore for more than eight months' supply; and since that time the production, although greatly diminished, has been maintained so as to pay all ordinary expenses. It is obviously, however, a mere question of time, and a few months more work must exhaust all the ore above the level of the "Latrobe Tunnel," so that the final prospects of this mine are entirely dependent upon what will be met with after sinking still farther to the east.

#### OTHER LEADING MINES.

Like the "Ophir," "Gould & Curry" and "Savage," the "Chollar-Potosi" company have been obliged to commence and sink a new shaft in the Eastern Country, some distance to the east of the vein, in order to avoid the great expense of working in the hard Western Country. It is expected that by means of this shaft, when completed, the vein can be developed to a depth of at least eight hundred feet. The principal exploitations in this mine are in what are known as the old Bajazet workings, about one hundred and forty feet south of the north line of the claim. Here the pay seam varies in width from ten to twenty-five feet, and has been developed on a face of nearly one hundred and thirty-five feet. About forty tons a day are being extracted from this portion of the mine, which is worth forty dollars a ton. About thirty-five tons a day are now being taken from workings at a depth of one hundred and fifty feet from the surface, which are being continued upwards. This body is now eight feet wide and some two hundred and fifty feet in length, and there seems every probability that there is now sufficient ore in sight, of an apparent average value of thirty-five dollars a ton, to last nearly a year. The lowest workings in this mine are at a depth of four hundred and eighty-five feet; and on the lower levels the ore is still of an excellent quality, so that there is a fair prospect of these works continuing to furnish ore to a considerably greater depth than has yet been attained.

The "Hale & Norcross" company, whose claim adjoins on the north, is now down to a depth of seven hundred feet, and in drifting south they discovered an excellent deposit of ore which, however, was found to be upon the ground of the "Chollar-Potosi." This was at a depth of one hundred and sixty-five feet below the lowest workings of this latter company.

The profits of the "Chollar-Potosi" mine for the month of September last, were seventeen thousand two hundred and forty-one