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COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

MAGENTA MINE AND EQUIPMENT

Magenta Mine & Equip.
Chaffee Co., Colo

This is patent No. 100.

Has double compartment incline shaft 387 feet deep, well timbered.

EQUIPMENT

One Hundred horse power boiler, air compressor, hoist, cables, pump, drills, buckets, cars, blacksmith outfit, etc., etc., all well housed; ore bins and powder house.

This property has been a producer since in the seventies, having patent issued by The United States Government, under President Hayes. Owing to the fact that it has been worked by several parties, both as owners and under lease, it is impossible to state the exact amount produced, but it is variously estimated from Two Hundred Thousand to Five Hundred Thousand Dollars. The present owners have personal knowledge of near \$100,000.00 from this ore shaft; the smelting ore running from \$40.00 to \$185.00 per ton net, and mill dirt running from \$8. to \$40. per ton milled. The last car taken from the third level (387-ft deep) netted \$1271.80, or \$65.05 per ton net. There was taken from this mine a large number of specimens of free gold of fine character.

Although this shaft was sunk one hundred feet below the third level, station opened and drift open on vein, it was never stoped. Consequently there is one hundred feet of ground open ready for stoping, with ore in vein. Owing to litigation the property was closed down.

Large dump can be worked at a profit under modern mills and process.

The property is one and one-half miles from Granite, with two railroads and good wagon road.

Smelters at Leadville, 19 miles; Salida, Colorado City, Denver and others.

Values, principally gold and silver.

Treatment charges, minimum, as there are no penalized minerals.

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DEVELOPMENTS.

Report of W. B. Andrew, Mining Engineer, who had charge
June 1900.

The developments of The Magenta Mine consist of an inclined working shaft 4 & 1/2 feet by 7 feet in the clear, sunk to the depth of about 381 feet, with a 15-ft sump. The shaft is well timbered with square setts from the collar of the shaft to the bottom of the mine. Levels from this shaft have been run at given intervals east and west, at a length of 77-ft. Level No. 1 was driven on the vein to the east 212-ft at a depth of 146-ft. Level No. 2 has been driven to the east 247-feet and to the west 200-ft. This west drift diverges from the vein and has been run into the hanging wall side 30-ft. at its face. At this point a north and south vein was encountered, the same being about 35-ft wide. A drift was run along on this vein to the south 30-ft where the Magenta ore chute was found, showing the entire breast in ore. At a depth of 259-ft level No. 3 was driven to the east 222-ft. This level was run through an ore chute for a distance of 165-ft. and from this good ore was obtained. The shaft was sunk on the vein when a fault occurred and the vein was lost. From her to the bottom of the mine, the shaft was sunk in the hanging wall side about 30-ft north of the vein, the main vein having dropped back into the footwall.

At a depth of about 380-ft., or level No. 4, circular cross-cuts east and west were driven back towards the footwall a distance of 69-feet. each to cut the vein. After cutting the vein, drifts were driven east and west to the east 156-ft., and to the west 186-ft. These drifts were afterwards connected back of the shaft, by drifting on the vein, a distance of 130-ft. The east drift was driven along the hanging wall but near the face, its course was changed to the south or footwall.

There is no doubt whatever in my mind that the rich chute of ore that was cut in the floor of the drift, in level No. 3 east, comes down on No. 4 level east somewhere near this point, and a very little more work will demonstrate it by extending this level further to the east on

the footwall. The drift to the west was also driven along its entire length in the hanging wall side. An upraise was made here and the edge of an ore chute was encountered. This ore chute has been opened 137-ft in length by an average of 7-feet in width. Loading stations at proper intervals have been put in, in good condition. The ground has been well timbered along the entire length of the slope. The ore bodies are strong, well defined, and show a good reserve, the same being from 5 to 9 ft wide. The walls at this point are unbroken and well in place.

It is my opinion that if The Megenta shaft is sunk 100-ft deeper in the vein the values will be found to be regular, and will prove to be very large quantities. By extending No. 4 level further to the east the same ore chutes that produced the ore above No. 3 level will be encountered in about 25-ft. Also by extending No. 2 level west, will develop same chute of ore that is found in No. 4 west.

THE ROBERT GEORGE LODE.

Development as reported to me.

Has shaft about 225-ft deep, fair condition, several drifts opened both east and west, has produced very good ore and reported in ore at the bottom of shaft. Since this shaft was closed the property was leased to The Granite Tunnel Company, who drove a tunnel from Lopass Creek on the North, 2100-ft. to this vein, striking it 200-ft east of The Robert George shaft and 300-ft below the collar of the shaft.

Then they made an upraise of 67-ft., starting near the tunnel, intending to raise to the level of the bottom of the shaft and drive on the vein to the shaft. This was not done, however, but they reported ore in the upraise all the way. Assays running from a few cents to \$27.00 averaging across the vein \$15.56. Other assays, said to have come out of the drift, as high as \$84. Owing to lack of money they lost the lease on my property. Afterward I understood they drove on The D. C. C. Lode, adjoining Robert George, to about where Robert George shaft was, upraised to its bottom level, and cross-out to the bottom of the Robert George shaft. Do not know the results.

ROBERT GEORGE MINE AND EQUIPMENT

PATENT NO. 99--A.

The vein upon which this mine is located is a western continuation of The Magenta vein, referred to above.

Has shaft 227-ft deep, well timbered, with several drifts.

EQUIPMENT.

One 40 horse power boiler, hoist, cables, drills, buckets, cars, blacksmith outfit, etc. etc., all enclosed by buildings.

This like The Magenta was patented at the same time, in the seventies, and has produced very rich ore under indifferent management. Amount estimated from \$100,000.00 to \$300,000. This is the same class and grade of ore as The Magenta, being a continuation thereof. When work was stopped by the excess of water, the shaft was in good ore at the bottom, and drifts were looking good. This shaft was drained by The Granite Tunnel Company, with their tunnel, at a depth of 302-feet, when it cut this vein, showing good values. An upraise was made from the tunnel 67-feet. This upraise was in ore from the mudsill, and is still in ore vein four feet six inches, and as this upraise is 201-ft from the shaft, the ore chute is no doubt the same as in the bottom of the George shaft. Consequently, the ore chute will be continuous to the shaft, both to the west and upwards.

Transportation, smelting, etc. etc., applies to this property as to The Magenta.

In addition to The Magenta and Robert George, which are developed, we have the following:

EMMA

KATIE ROSS

STARTER

all patented and clear title.

THE EMMA in a 30-ft shaft cut a vein that has ore identical with The Washington that has been a good producer.

THE STARTER in a 40-ft shaft a vein showed good and assayed \$17.

THE KATIE ROSS showed ore in the development shaft at 31-ft and undoubtedly is on a good vein.

These five patented claims with a mill site on the river at Granite, with water rights of 1868, compose the property.

Memorandum of a part only of the gold and silver taken out of the Magenta and Robert George mines at Granite, Chaffee County, Colorado, within less than one year while under the management of the Barrick Mining Company.

Gold & Silver from our mill	\$29,203.45
Shipper to smelters,	6,177.16
Total receipts,	<u>\$35,380.61</u>
Total expenses including new machinery	\$14,781.00
Net for less than one year,	<u>\$20,599.61</u>

This, regardless of mismanagement, high-grading, stealing and extravagance on account of which the mines were shut down and finally acquiring of the property (after long litigation) by present owners.

With the modern way to extract the mineral from the ore and proper management this mine can pay enormous dividends. The owner does not want to sell but wants to interest sufficient capital to open it up, develop it properly and build a modern mill on the site where the old one stood. It will stand thorough investigation. Will be glad to give further information to interested parties.

Very respectfully,

THE ANTELOPE MINING & MILLING CO.,

Chas. D. Griffith, Pres.

316 Symes Bldg. 'Phone Main 1870.