

ANNUAL REPORT

OF THE

SURVEYOR GENERAL

OF THE

STATE OF NEVADA

FOR THE YEAR A.D. 1866.

CARSON CITY:
JOSEPH E. ECKLEY, STATE PRINTER.
1867.

The above table, says the *Reveille*, embraces forty-seven mines, which have yielded more or less bullion during the quarter, and, with few exceptions, the ore reduced is of a good grade, sufficiently so to admit its being worked here remuneratively. It will be observed, that a number of mines which were included in the previous quarters of the year do not appear in the present list, as well as that several mines appear for the first time. According to the Assessor's returns, there are in Lander County—and mainly in the Reese River District—fully seventy-five mines which have produced bullion during the past year. As we have remarked, the ore worked is very generally of a high grade, as the average yield per ton will show. A considerable number of the mines embraced in the quarterly lists were subjected only to testing operations, and the general results must be deemed very encouraging, and their excellent character argues well for the future of this district. In the case of the Savage Mine, the average yield of the ore is less than in several quarters preceding, but is still high, being \$103.25 per ton. The yield of the Washington, Chase, Buel North Star, Great Eastern, Semanthe, Magnolia, Florida, Timoke, Idora, Metacom, Taylor & Passmore, etc., is grand, and as most of them are pretty well developed, they may be fairly classed henceforth among the producing and paying mines of the Reese River District.

REMARKS ON MILLING AND MINING OPERATIONS AT REESE RIVER.

In the Appendix may be found quite an interesting and elaborate, and, in my opinion, valuable article upon this subject, to which the attention of mining and mill men throughout the State is invited. It has been kindly furnished by Mr. C. A. Luckhart, mining engineer, by special request.

Mr. Luckhart has, at least, endeavored to direct us in the way in which our future prosperity evidently lies, viz: greater economy in our mining and milling operations, and improved processes for saving the precious metals.

THE SUTRO DRAIN TUNNEL.

The absolute necessity of providing drainage for the mines on the Comstock Lode, it is believed, will become more apparent with the development of each succeeding year. As this subject was somewhat extensively treated in my former report, it will now be dismissed with the remark that, as the great mining companies have now become convinced that they must do something to help themselves before others will assist them, and as several of them have already subscribed \$100,000 each towards the project, and as others will probably do equally well, it is not improbable that the great project will be commenced before another year shall have been lost by delay.

THE VIRGINIA AND GOLD HILL WATER COMPANY.

This company was formed by the consolidation of the Virginia and Gold Hill Water Works, on the twelfth of May, 1863, and incorporated under the laws of

the Territory of Nevada. Its capital stock is \$1,000,000, in 10,000 shares of \$100 each.

The following is a statement of the receipts and disbursements of these works from July, 1863, to February, 1866, inclusive:

Receipts in gold	\$336,578 69
Disbursements in gold	163,549 39
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Net profit	\$173,029 30
Dividends paid in gold	166,250 00
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Cash balance	\$ 6,779 30

exhibiting a profit of over \$200 per day.

About one-half was derived from mills and hoisting-works, the other half from Virginia and Gold Hill, for domestic use.

The following table exhibiting the receipts and disbursements may be of interest. It contains the proceeds for the latter half of February, 1866, which is included above. It shows that the mills and mines have paid over \$79,000, and the citizens of Virginia and Gold Hill have paid over \$54,000 during the year for water. Total, over \$133,000; of which more than half, over \$70,000, was profit.

REPORT OF THE RECEIPTS AND DISBURSEMENTS OF THE VIRGINIA AND GOLD HILL WATER COMPANY FOR THE YEAR ENDING JANUARY 8, 1867.

MONTHS.	From Mills and Mines.	F'm Virginia and Gold Hill.	From Sales of Real Estate.	Total.	MONTHS.	Salaries and Wages.	Construction Account.	Sundry Expenses.	Purchases.	Total.	Net Profits.
-1866.					1866.						
February 13....	\$5,746 84	\$5,018 00	.....	\$10,764 84	February 13...	\$1,465 00	\$ 857 62	\$1,750 91	.....	\$4,073 53	\$6,691 31
March 13.....	6,220 18	4,179 95	.....	10,400 13	March 13.....	1,405 00	582 00	1,272 15	.....	3,259 15	7,140 98
April 10.....	6,101 50	4,245 60	.....	10,347 10	April 10.....	1,565 00	490 68	1,468 98	.....	3,524 66	6,822 44
May 8.....	6,731 87	4,132 00	\$2,000 00	12,863 87	May 8.....	1,445 00	2,087 20	2,478 77	.....	6,010 97	6,852 90
June 12.....	6,919 34	4,911 75	.....	11,831 09	June 12.....	1,945 00	2,148 73	1,454 52	.....	5,548 25	6,282 84
July 10.....	6,449 41	4,215 25	.....	10,664 66	July 10.....	1,025 00	1,413 80	2,003 02	\$1,000 00	5,441 82	5,222 84
August 14.....	6,515 29	5,243 50	.....	11,758 79	August 14....	1,525 00	1,200 14	3,082 68	.....	5,807 82	5,950 97
September 11...	6,831 03	4,363 50	.....	11,194 53	September 11..	1,530 00	1,508 63	5,615 19	.....	8,653 82	2,540 71
October 9.....	6,408 00	4,426 00	.....	10,834 00	October 9....	1,115 00	764 42	1,660 69	1,020 00	4,560 11	6,273 89
November 13...	7,217 70	5,037 25	.....	12,254 95	November 13..	1,285 00	2,201 64	2,077 58	.....	5,544 22	6,710 73
December 11...	6,723 09	4,104 25	.....	10,827 34	December 11..	1,315 00	1,044 36	2,528 39	.....	4,887 75	5,939 59
1867.					1867.						
January 8.....	7,155 20	4,436 50	.....	11,591 70	January 8.....	1,015 00	2,238 70	1,640 13	.....	4,893 83	6,697 87
	<u>\$79,019 45</u>	<u>\$54,313 55</u>	<u>\$2,000 00</u>	<u>\$135,333 00</u>		<u>\$16,615 00</u>	<u>\$16,537 92</u>	<u>\$27,033 01</u>	<u>\$2,020 00</u>	<u>\$62,205 93</u>	<u>\$78,127 07</u>
Balance on hand January 9th, 1866.....											6,337 99
											<u>\$79,465 06</u>
Total amount of dividends paid.....											\$72,500 00
Balance on hand January 8th, 1867.....											6,965 06
											<u>\$79,465 06</u>

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VIRGINIA, January 8th, 1867.

C. G. FUNK, Secretary.