Filed for record the 10 day of Dec A. D. 19 63 at 3:45 o'clock P. M.
Reception No. 257298 By Velma V. Crawford RECORDER DEPUTY

Return to Comanche Milling Corp Ohio City Colo

SPECIAL WARRANTY DEED

BOOK 369 PAGE 429

THIS DEED, Made this Sixth day of December in the year of our Lord one thousand nine hundred and Sixty-Three between O. A. SUTTON, of the County of Sedgwick and State of Kansas, of the first part, and COMANCHE MILLING CORP., a Colorado corporation, with headquarters at Grand Junction, State of Colorado, of the second part;

WITNESSETH, That the said party of the first part, for and in consideration of the sum of Ten Dollars and other good and valuable considerations, to the said party of the first part, in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has granted, bargained, sold and conveyed and by these presents does grant, bargain, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, all the following described lots or parcels of land, situate, lying and being in the County of Gunnison and State of Colorado, to-wit:

All of the following mining claims, located in either the Quartz Creek Mining District, or in the Gold Brick Mining District, or in both of said Districts, of Gunnison County, Colorado, and embracing portions of the northeast quarter of Township Fifty North of Range Three East, and of the southeast quarter of Township Fifty-One North of Range Three East, and of the southwest quarter of Township Fifty-One North of Range Four East, and of the northwest quarter of Township Fifty North of Range Four East, and of the south half of Township Fifty-One North of Range Three-and-One-Half East, and of the north half of Township Fifty North of Range Three-and-One-Half East (all of said ranges being east of the New Mexico Meridian):

I. The following 140 PATENTED LODE MINING CLAIMS:

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
Abbie	115-306	12011-A
½ Adda F.	189-161	18731
Alexander	121-201	6506
Alice Bell	189-305	17517
Alice Bell No. 2	189-305	17517
Alice Bell No. 3	189-305	17517
Alta	189-29	15579
½ Anchor	115-306	12011-A
⅞ Arbitrator	322-195	15976
Astra	189-85	17481
Ben Harrison	150-277	13629
⅞ Bernice	115-306	12011-A

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
1/8 Black Jack	189-161	18731
1/2 Blue Bell	189-161	18731
7/8 Carmen	189-161	18731
Chloride	150-277	13629
3/8 Cinderella	115-306	12011-A
Clarkson	115-306	12011-A
5/8 Crown Point	115-306	12011-A
Cyrus	121-201	6506
Dawn of Day	99-113	2577
DeCosta	189-241	9219-A
1/2 Denver No. 1	189-77	17266
5/8 Democrat	322-195	15976
81	322-214	1819
Exchequer No. 1	115-306	12011-A
Ft. Wayne	115-306	12011-A
Genevieve	115-306	12011-A
7/8 Gertie D.	189-29	15579
Gold Bank	189-161	18731
1/8 Gold Bar	189-161	18731
Gold Brick No. 1	322-203	17278
5/8 Gold Brick No. 2	322-203	17278
Gold Brick No. 3	322-203	17278
Gold Brick No. 4	322-203	17278
Gold Brick No. 5	322-203	17278
Gold Brick No. 6	322-203	17278
Gold Brick No. 7	322-203	17278
1/4 Gold Brick No. 8	322-203	17278
1/2 Gold Brick No. 9	322-208	18644
1/2 Gold Coin	189-161	18731
3/4 Gold Dollar	189-161	18731
Gold King	189-161	18731
Gold Label	189-161	18731
Gold Leaf	189-485	5041
Gold Nugget	189-161	18731
Gold Pick	115-306	12011-A
1/2 Gold Point	189-161	18731
Gold Point	322-203	17278
Gold Standard	189-161	18731
5/8 Gold Wedge	189-29	15579
Golden Circle	189-161	18731
Golden Currie	189-481	1621-A
7/8 Golden Gate	189-161	18731
5/8 Golden Islet	189-161	18731
1/2 Golden Top	189-161	18731
3/4 Grand Prize	189-53	17715
3/4 Grand Prize No. 2	189-53	17715
1/16 Grand Prize No. 3	189-53	17715
Grand Prize No. 4	189-53	17715
1/2 Grand Prize No. 5	189-53	17715
Grand View	115-306	12011-A
3/4 Great Bear	115-306	12011-A
3/4 Harvard	115-306	12011-A
7/8 Henrietta	189-233	19431

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
Humbolt	121-197	6505
Ida May	189-133	5834
Inez	189-161	18731
Irene	189-29	15579
Iron Mask	115-306	12011-A
Isadora	189-29	15579
Japan	189-161	18731
Jessie	189-61	17947
Justin	115-306	12011-A
Kansas City	189-185	13488
Kismet	189-161	18731
Lee	189-29	15579
Lee Richard	189-29	15579
Leila	115-306	12011-A
Leona	189-185	13488
Lone Jack	189-161	18731
Lucile Extension	189-161	18731
McDougal	189-161	18731
Maggie Mitchell	269-131	1064
Magnolia	189-161	18731
Manitou (9/10's int.)	322-189	7229
Mascot	189-85	17481
Maud F.	189-161	18731
Mercury	189-85	17481
Midnight	322-211	1184
Minnie E.	189-53	17715
Mono	189-241	9219-A
Monson	115-306	12011-A
Monte Carlo	322-192	11392
Monte Carlo No. 2	189-285	19434
Montezuma	189-161	18731
New Century	189-81	17482
New Century	189-29	15579
Ninety-four	189-285	19434
Ninety-four No. 2	189-285	19434
Ohio	99-141	1474
O. M. C.	115-306	12011-A
Oro Grande	115-306	12011-A
Pactolus	115-306	12011-A
Pitkin	189-477	1588
Protection	189-85	17481
Raymond	99-209	4555
Republic	322-195	15976
Republican	189-253	18373
Santaquin	150-277	13629
Sedalia	115-306	12011-A
Seigniorage	322-200	16891
Settlement	189-161	18731
Sheol (9/10's int.)	322-189	7229
Sheridan	150-277	13629
Stanley	189-245	7808
Statellite	189-85	17481

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
Sun	189-241	9219-A
Tina	189-29	15579
Triangle	189-249	9308
Triumph	189-85	17481
Venus	189-85	17481
Village Belle	322-195	15976
Viola	189-285	19434
Viola No. 2	189-285	19434
Viola No. 3	189-285	19434
Viola No. 4	189-285	19434
Volunteer	90-9	1480
Volunteer Extension	189-129	6202
Whig No. 1	322-195	15976
Whig No. 2	322-195	15976
Whig No. 3	322-195	15976
Whig No. 4	322-195	15976
Whig No. 5	322-195	15976
Whig No. 6	322-195	15976
Williams	189-473	1572
Will o'the Wisp	189-161	18731
Yankee Girl	189-29	15579
Yellow Pine	189-29	15579
Zeni	189-161	18731

II. The following 3 PATENTED MILLSITES:

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
Arthur	115-306	12011-B
Jersey	115-358	8896
Mono	189-241	9219-B

III. The following 2 PATENTED PLACER MINING CLAIMS:

NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U. S. LOT OR SURVEY NUMBER
Carroll	189-217	19524
Reconstruction	189-217	19524

Each of the above described 145 patented mining claims being subject to all of the exceptions and reservations mentioned in the respective patents.

IV. WATER RIGHTS AND IMPROVEMENTS.

Together with the Mono Ditch and Flume, Ditch Statement in Book 48, page 335, and the Carter Mining Company Ditch, Ditch Statement filing 115337, and all other

ditches, ditch rights, and water rights connected with or used in connection with the above described mining claims; and together with all improvements of every kind and nature situate on or appurtenant to any of the above described mining claims, together with the mill machinery or other equipment therein; ~~excepting and~~ excluding, however, the mill building described as a 1-2-3 story metal over frame construction and known as the main mill building of the Raymond Mine.

NOTE: All book and page and filing numbers are references to the Records of the County Clerk and Recorder of Gunnison County, Colorado.

Together with all improvements, fixtures, chattels, equipment and personal property now upon the described real estate; excepting therefrom the personal property, household goods, and tools belonging to Raymond Altberg, the caretaker now living on the property.

SUBJECT, HOWEVER, to the accruing general taxes for the year 1963, and to the assessed general taxes for the year 1962, which are assumed by the party of the second part.

Together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever, of the said party of the first part, either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances; TO HAVE AND TO HOLD the said premises above bargained and described with the appurtenances, unto COMANCHE MILLING CORP., the said party of the second part, its successors and assigns forever.

And the said party of the first part, for himself, his heirs and assigns, covenants and agrees to and with the said party of the second part, its successors and assigns against all and every person or persons lawfully claiming or to claim the whole or any part thereof, by, through or under the said party of the first part, to WARRANT AND FOREVER DEFEND.

It is the intention of the party of the first part to convey to the party of the second part all the rights, title, and interests obtained by the party of the first part through the deed recorded in Book 333, at pages 261-272, of the Records of the Clerk and Recorder of Gunnison County, Colorado, but the above special warranty is subject to the reservations in the said deed and in the contract thereto attached and made a part thereof.

IN WITNESS WHEREOF, the party of the first part has executed this Special Warranty Deed the day and year first above written.

O. A. SUTTON

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me this 6th day of December, 1963, by O. A. SUTTON.

Witness my hand and official seal.

My commission expires:

March 1, 1965

Tommie Chafin
Notary Public - Tommie Chafin

EXHIBIT B

Filed for record this 10 day Dec A. D. 1963 at 3:47 o'clock P. M.
Reception No. 257299
By Celia V. Crooms DEPUTY

Nelson to Comanche Milling Corp Ohio City Colo

QUITCLAIM DEED

BOOK 369 PAGE 435

THIS DEED, Made this Sixth day of December, 1963, between O. A. SUTTON of the County of Sedgwick and State of Kansas, of the first part, and COMANCHE MILLING CORP., a Colorado corporation, with headquarters at Grand Junction, Colorado, of the second part;

WITNESSETH, That the said party of the first part, for and in consideration of the sum of Ten Dollars and other considerations to the said party of the first part in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has granted, quitclaimed, sold and conveyed and by these presents does grant, quitclaim, sell, convey and confirm unto the said party of the second part, its successors and assigns forever, the right, title, interest, claim and demand which the said party of the first part has in the following described lots or parcels of land, situate, lying and being in the County of Gunnison and State of Colorado, to-wit:

All of the following mining claims, located in either the Quartz Creek Mining District, or in the Gold Brick Mining District, or in both of said Districts, of Gunnison County, Colorado, and embracing portions of the northeast quarter of Township Fifty North of Range Three East, and of the southeast quarter of Township Fifty-One North of Range Three East, and of the southwest quarter of Township Fifty-One North of Range Four East, and of the northwest quarter of Township Fifty North of Range Four East, and of the south half of Township Fifty-One North of Range Three-and-One-Half East, and of the north half of Township Fifty North of Range Three-and-One-Half East (all of said ranges being east of the New Mexico Meridian):

I. The following UNPATENTED LODE MINING CLAIMS:

NAME OF CLAIM	BOOK AND PAGE WHERE LOCATION CERTIFICATE IS RECORDED
Cambridge	178-56
Cambridge No. 3	178-55
Cambridge No. 4	178-54
Cambridge No. 5	178-46
Cambridge No. 6	178-47
Cambridge No. 7	178-48
Caribou	161-488
C. L. R.	196-140
C. L. R. No. 2	196-141
C. L. R. No. 3	196-142
C. L. R. No. 4	196-143
C. L. R. No. 5	196-144
C. M. C. No. 1	255-264
C. M. C. No. 2	255-265

NAME OF CLAIM	BOOK AND PAGE WHERE LOCATION CERTIFICATE IS RECORDED
Elizabeth	255-117
Estes	255-151
Forest Queen	161-489
G. M. No. 1	176-477
G. M. No. 2	176-478
G. M. No. 3	176-478
G. M. No. 4	176-479
G. M. No. 5	176-479
G. M. No. 18	176-480
G. M. No. 19	176-480
G. M. No. 20	176-481
Golden Rod	179-564
Gurley	161-333
Hamburg	178-49
Harrison No. 2	57-92
Hilltop	117-306
Jupiter	144-44
Ophir	161-489
Pandora	161-490
Pick Point	161-490
Saturn	144-43
South Side	161-575
St. Luke	109-291
Sulphide	117-34
Tip Top	161-491
Velvet	206-143

II. The following UNPATENTED PLACER MINING CLAIMS:

NAME OF CLAIM	BOOK AND PAGE WHERE LOCATION CERTIFICATE IS RECORDED
Big Bill	339-38
Canon City	162-384
Ohio Creek	160-58
Riverside	162-371
Stanley	160-73

NOTE: All book and page numbers are references to the Records of the County Clerk and Recorder of Gunnison County, Colorado.

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances and privileges thereunto belonging, or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatsoever, of the said party of the first part, either in law or equity, to the only proper use, benefit and behoof of the said party of the second part, its successors and assigns forever.

IN WITNESS WHEREOF, the said party of the first part has executed this quitclaim deed the day and year first above written.

O. A. SUTTON

STATE OF KANSAS)
) ss.
COUNTY OF SEDGWICK)

The foregoing instrument was acknowledged before me this 6th day of December, 1963, by O. A. SUTTON.

Witness my hand and official seal.

My commission expires:

March 1, 1965

Notary Public - Tommie Chafin

Return to Comanche Building Corp
Ohio City Co

Exhibit D
Recorded Book 400
Page 374
Gunnison Co

MINING LEASE

This lease, made the 1st day of August, 1967, between Roy F. Carpenter, lessor, and Glenn Berry, lessee, witnesseth:

That the said lessor, for and in consideration of the rents, royalties, covenants, and agreements hereinafter reserved, and by the said lessee to be paid, kept, and performed, has let, and by these presents does let, unto the said lessee, all the following described mine and mining property, situated in the state of Colorado:

The Way Up Mine, Survey Number 2420, situated in Quartz Creek Mining District of Gunnison County.

To have and to hold unto the said lessee for the term of five years from the date hereof, expiring on the 30th day of July, 1972 unless sooner forfeited as determined. An option to extend for another five years on the same terms and conditions upon 30 days written notice by lessee.

And in consideration of the said lease, the said lessee does covenant and agree with said lessor as follows to wit:

To enter upon said mine or premises and work the same in a manner necessary to good and economical mining, so as to take out the greatest amount of ore possible, with due regard to the safety, development, and preservation of the said premises as a workable mine.

To work and mine said premises as aforesaid steadily and continuously from the date of this lease. Such work shall begin on or before August 20, 1967 and thereafter a minimum of 100 man-shifts per year of labor shall be performed upon this mine. One man-shift is hereby defined as one man working an 8-hour shift at the mine.

To wall and sufficiently timber said mine at all points where proper, and to repair all old timbering wherever it may become necessary.

To allow said lessor and his agents to enter upon, and into all parts of said mine for the purpose of inspection.

To keep books of account showing the amount of ores extracted from said mine, the amount of ore shipped, sold or treated, and the amount of money received from the sale of said ores or the values extracted therefrom; that from and out of the values obtained from the ores so extracted, and which may be found in, upon, or around said mine and reduced, treated, sold or shipped, the said lessee will pay the said lessor 10 per cent of the proceeds therefrom after deducting only the cost of transportation to the smelter, and deliver to said lessor, at the end of the term 10 per cent of all ores extracted from said mine and which have not been shipped, sold, treated or reduced; that a duplicate of all mill, smelter, or retort returns shall be furnished by the mill owner or by the owner of the smelter or retort, to the said lessor and that said books of account shall be open at all reasonable times, to the said lessor and his representatives.

The said lessee assumes full and complete responsibility for any and all accidents that might occur by reason of the operation of the said property and agrees to save and hold first party harmless of and from the accident of any person acting by, through or under him in connection with the operation of said property, and agrees to carry Compensation and Liability Insurance covering all operations in connection with the said property.

Taxes. All Production Taxes shall be paid by lessor and lessee on their prorata basis, i.e. 10-90.

And finally, upon the violation by the said lessee, or any other person under him, of any covenant or covenants hereinbefore reserved, the term of this lease shall, at the option of said lessor, expire and the same and said premises, with the appurtenances, shall thereupon, after demand of possession, enter upon said premises and dispossess all persons occupying the same, with or without force, and with or without process of law, or at the option of said lessor or in any other manner.

If all royalties and taxes that have accrued shall have been fully paid to lessor, and working conditions complied with, lessee shall have the right, within a reasonable time after the termination date, to remove from the demised premises all personal property placed thereon or therein by lessee, but not the right to remove permanent improvements in place in the underground workings therein, or outside track and ore bins, or buildings installed permanently.

Each and every clause and covenant of this lease, where the context requires it, shall extend to and include the heirs and assigns of the lessor, and the executors, administrators, and assigns of the lessee.

Witness our hands this 2 day of Aug, 1967.

Glenn Berry
Lessee

Roy F. Carpenter
Roy F. Carpenter
Lessor

Copy

Return to Comanche Milling Corp Rio City Colorado

EXIBIT E

C O N T R A C T

This agreement made at Montrose, Colorado, this 6th day of June, 1966, by and between COMANCHE MILLING CORP., a Colorado corporation, hereinafter called the Seller, and MICHIANA REALTY INC., of Edwardsburg, Michigan, hereinafter called the Purchaser, WITNESSETH:

If the Purchaser shall first make the payments and perform the covenants herein mentioned to be performed by the Purchaser, the Seller will thereupon convey to the Purchaser the following described property, situated in the County of Gunnison and State of Colorado, to-wit:

	NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U.S. LOT OR SURVEY NUMBER
300	Abbie	115-306	12011-A
300	Adda F.	189-161	18731
300	Alexander	121-201	6506
300	Alice Bell	189-305	17517
300	Alice Bell No. 2	189-305	17517
300	Alice Bell No. 3	189-305	17517
300	Alta	189-29	15579
300	Anchor	115-306	12011-A
150	Arbitrator	322-195	15976
210	Astra	189-85	17481
300	Ben Harrison	150-277	13629
300	Bernice	115-306	12011-A
300	Black Jack	189-161	18731
300	Blue Bell	189-161	18731
300	Carmen	189-161	18731
300	Chloride	150-277	13629
300	Cinderella	115-306	12011-A
300	Crown Point	115-306	12011-A
300	Cyrus	121-201	6506
300	Dawn of Day	99-113	2577
210	DeCosta	189-241	9219-A
150	Denver No. 1	189-77	17266
210	Democrat	322-195	15976
300	81	322-214	1819
300	Exchequer No. 1	115-306	12011-A
300	Ft. Wayne	115-306	12011-A
300	Genevieve	115-306	12011-A
300	Gertie D.	189-29	15579
300	Gold Bank	189-161	18731
300	Gold Bar	189-161	18731
270	Gold Brick No. 1	322-203	17278
270	Gold Brick No. 2	322-203	17278
270	Gold Brick No. 3	322-203	17278
270	Gold Brick No. 4	322-203	17278
270	Gold Brick No. 5	322-203	17278

	NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U.S. LOT OR SURVEY NUMBER
270	Gold Brick No. 6	322-203	17278
270	Gold Brick No. 7	322-203	17278
270	Gold Brick No. 8	322-203	17278
300	Gold Brick No. 9	322-208	18644
300	Gold Coin	189-161	18731
300	Gold Dollar	189-161	18731
300	Gold King	189-161	18731
300	Gold Label	189-161	18731
300	Gold Leaf	189-485	5041
300	Gold Nugget	189-161	18731
300	Gold Pick	115-306	12011-A
300	Gold Point	189-161	18731
300	Gold Standard	189-161	18731
300	Gold Wedge	189-29	15579
300	Golden Circle	189-161	18731
300	Golden Currie	189-481	1621-A
300	Golden Gate	189-161	18731
300	Golden Islet	189-161	18731
300	Golden Top	189-161	18731
300	Grand Prize	189-53	17715
300	Grand Prize No. 2	189-53	17715
300	Grand Prize No. 3	189-53	17715
300	Grand Prize No. 4	189-53	17715
300	Grand Prize No. 5	189-53	17715
300	Grand View	115-306	12011-A
300	Great Bear	115-306	12011-A
300	Harvard	115-306	12011-A
300	Henrietta	189-233	19431
300	Humbolt	121-197	6505
300	Ida May	189-133	5834
300	Inez	189-161	18731
300	Irene	189-29	15579
300	Iron Mask	115-306	12011-A
300	Isadora	189-29	15579
300	Japan	189-161	18731
210	Jessie	189-61	17947
300	Justin	115-306	12011-A
300	Kansas City	189-185	13488
300	Kismet	189-161	18731
300	Lee	189-29	15579
300	Lee Richard	189-29	15579
300	Leila	115-306	12011-A
300	Leona	189-185	13488
300	Lone Jack	189-161	18731
300	Lucile Extension	189-161	18731
300	McDougal	189-161	18731
300	Maggie Mitchell	269-131	1064
300	Magnolia	189-161	18731
270	Manitou (9/10ths int.)	322-189	7229
215	Mascot	189-85	17481
300	Maud F.	189-161	18731
218	Mercury	189-85	17481
300	Midnight	322-211	1184
300	Minnie E.	189-53	17715
300	Mono	189-241	9219-A
300	Monson	115-306	12011-A
300	Monte Carlo	322-192	11392
300	Monte Carlo No. 2	189-285	19434
300	Montezuma	189-161	18731

	NAME OF CLAIM	BOOK AND PAGE WHERE PATENT IS RECORDED	U.S. LOT OR SURVEY NUMBER
300	New Century	189-29	15579
270	Ninety-four	189-285	19434
270	Ninety-four No. 2	189-285	19434
300	Ohio	99-141	1474
300	O. M. C.	115-306	12011-A
300	Oro Grande	115-306	12011-A
300	Pactolus	115-306	12011-A
240	Pitkin	189-477	1588
210	Protection	189-85	17481
270	Raymond	99-209	4555
300	Republic	322-195	15976
300	Republican	189-253	18373
300	Santaquin	150-277	13629
300	Sedalia	115-306	12011-A
300	Seigniorage	322-200	16891
300	Settlement	189-161	18731
270	Sheol (9/10ths int.)	322-189	7229
300	Sheridan	150-277	13629
300	Stanley	189-245	7808
300	Statellite	189-85	17481
300	Sun	189-241	9219-A
180	Tina	189-29	15579
210	Triangle	189-249	9308
210	Triumph	189-85	17481
300	Venus	189-85	17481
300	Village Belle	322-195	15976
300	Viola	189-285	19434
300	Viola No. 2	189-285	19434
300	Viola No. 3	189-285	19434
300	Viola No. 4	189-285	19434
300	Volunteer	90-9	1480
300	Volunteer Extension	189-129	6202
300	Whig No. 1	322-195	15976
300	Whig No. 2	322-195	15976
300	Whig No. 3	322-195	15976
300	Whig No. 4	322-195	15976
300	Whig No. 5	322-195	15976
300	Whig No. 6	322-195	15976
210	Williams	189-473	1572
300	Will o' the Wisp	189-161	18731
300	Yankee Girl	189-29	15579
300	Yellow Pine	189-29	15579
300	Zeni	189-161	18731

Plus the following 1 Patented Millsite:

150	Arthur	115-306	12011-B

by good and sufficient special warranty deed.

The Purchaser agrees to pay to the Seller as the purchase price of said property the sum of Fifty Thousand and no/100 Dollars ($50,000.00), payable in the following manner, to-wit: $30,000.00 cash in hand paid, receipt of which the Seller hereby acknowledges, and the balance of $20,000.00 payable $5,000.00 on or before October 1, 1966, and $10,000.00 R.B. P.B.

and $5,000.00 on or before November 10, 1967. L.B. P.B. on or before April 1, 1967,/ Included in the purchase price is all standing timber presently situate on the above described premises.

The Seller expressly reserves the right to all oil, gas and mineral rights of any kind and nature whatsoever, for a period from the signing of these presents until January 1, 1979, together with right of ingress and egress over, above, across, and under the above described premises to mine, develop, process and explore the above described premises, to develop and mine the rights herein reserved. The Seller further reserves the right to all existing buildings, mine dumps, tracks, air, water and power lines, and all other improvements situate on the above described premises for the period of the aforesaid reservation, expiring January 1, 1979, and at the expiration of said reservation on January 1, 1979, for a period of two (2) years thereafter, the Seller reserves the right to go on the above described premises and remove all present buildings, mine dumps, tracks, air, water and power lines, and all other improvements that may be constructed or placed on the premises during the term of this reservation whether the same are affixed to the realty or not. The Seller further reserves the right during the term of the aforesaid reservation and for a term of two (2) years thereafter to go on the premises and remove all mine dumps and mined ore that is presently on the premises or that may be mined and developed by the terms of this agreement.

It is further understood and agreed that the taxes assessed against the above described premises for the year 1965, due in 1966, shall be paid by the Seller. The 1966 taxes, due in 1967, shall be paid three-fourths by Seller, and one-fourth by the Purchaser, before the same shall become delinquent in the year 1967. The taxes assessed against the property thereafter during the term of the aforesaid reservation expiring January 1, 1979, shall be paid one-half by the

Purchaser and one-half by the Seller providing, however, that any additional taxes assessed against the property resulting from improvements either by the Seller or the Purchaser shall be paid by the party making such improvements.

Seller agrees to pay for any fire damage caused by his mining and milling activities.

It is understood and agreed the Purchaser shall receive immediate possession of the above described premises and that concurrent with the execution of this agreement the Seller shall execute a special warranty deed as aforesaid to be placed in escrow with the firm of Petrie, King & Woodrow, Attorneys at Law, Montrose, Colorado, or their successors, to be delivered to the Purchaser upon payment of the purchase price as provided hereunder.

It is further understood and agreed that the Seller shall deliver to the Purchaser upon payment of the purchase price in full, the abstracts of title to the above described property that are presently owned by the Seller.

It is understood and agreed that upon the expiration of the reservation of the mineral rights as aforesaid that the Seller shall have first right of refusal for a period of 2 years thereafter said date of January 1, 1979, to lease the mineral interests described hereinabove on the same terms and conditions as the Purchaser is willing to accept from any other party at a royalty interest not to exceed ten percent (10%).

It is further understood and agreed that during the term of the reservation described hereinabove or any subsequent lease as provided for hereinabove, the Seller agrees to pay any prior reserved mineral royalties, and the Purchaser agrees to pay hereafter the prior reserved timber royalties reserved by Kanarado Development

Corp.

The mineral interest reserved hereinabove includes the right to sufficient surface interest to construct and maintain roads, mine buildings, milling facilities, ore and waste dumps, and otherwise the entire amount of sufficient rights necessary to conduct mining operations. The Seller agrees not to destroy or damage commercial timber on the above described premises without compensating the Purchaser therefor.

COMANCHE MILLING CORP.

By Glenn Berry
President

ATTEST:

Norma L. Berry
Secretary

MICHIANA REALTY INC.

Peter W. Butler
President

ATTEST:

Kathleen A. Butler
Secretary

STATE OF COLORADO)
)ss.
COUNTY OF MONTROSE)

I hereby certify that the foregoing was acknowledged before me this 11th day of July, 1966, by Glenn Berry, President of Comanche Milling Corp., and Peter W. Butler, President of Michiana Realty Inc.

Witness my hand and official seal.

My commission expires October 16, 1966.

Ethel Elizabeth Hoch
Notary Public

One Copy

Return to Sonnenschein Milling Corp Ohio City Colorado

EXHIBIT F

NEW PARK MINING COMPANY
INTER-DEPARTMENTAL [illegible]

See also Report [illegible]

TO: New Park Mining Company

FROM: Walter E. Bauer, Chief Geologist

SUBJECT: Mine Examination

KANARADO MINING AND DEVELOPMENT COMPANY
Ohio City, Gunnison County, Colorado

Examination Dates: January 19 to 26, 1953
Report Date: February 5, 1953

General

This property was examined at the request of Mr. Clark L. Wilson, after the President of the above Company, Mr. Charles T. Vastus, had brought a very impressive set of maps, smelter returns, etc. to our office in Salt Lake City.

The property consists of 195 lode claims, about 2/3 of which are patented. In general, the present Company is made up of a merger of the old Carter and Raymond Mines, their associated holdings, and some independent groups surrounding the Carter - Raymond groups. Of these, the Carter Mine is the most important, since it has the largest ore reserve, a shaft raise to facilitate mining, and a 100 ton flotation mill to treat the ore.

The Carter mill and mine office are located along Gold Creek about three miles north of Ohio City, at an elevation of about 9,200 feet. The highest elevation on their property is almost 11,000 feet. The office and mill are accessible throughout the year as the snowfall is not usually excessive and the County is very helpful in keeping their road plowed out in the winter.

Sufficient water rights are available to run a 320 H.P. hydro-electric plant, the mine, the mill, and for domestic use.

General Geology

In 1916 the Colorado Geological Survey published a bulletin on this area entitled, "Geology and Ore Deposits of the Gold Brick Mining District". This was published as Bulletin 10 and has established the basic geology of the area covered in this report. At least some of the following geology and mine descriptions are taken from this bulletin.

In the immediate area of the Kanarado property the rocks are composed of pre-Cambrian granites and gneiss-schist. The granites and nearly all intrusives in the area are thought to be pre-Cambrian and post schist-gneiss (see Fig. 1). The quartz diorite intrusives in the area are thought to be Tertiary.

Both thrusts and normal faults are present in the region. In the area covered by this report, post ore faulting has not been so large as to cause any serious mining handicap.

The regional metamorphism producing the schist, gneiss, quartzite, and deformed granite as well as one period of extensive folding is dated as pre-Cambrian. A second period of folding occured in early Tertiary which probably resulted in the present fissure pattern and later ore deposits.

General Economic Geology

The ore bodies are fissure veins, not very much different from the vein pattern of the New Park Mayflower vein. There is some metalization of the walls, but at the present time I do not know how extensive this is. Pegmatite dykes, usually less than 3 feet thick, occur near the ore, but the veins, where present, cut the pegmatites.

The vein filling is largely quartz, both massive and vuggy, with galena-pyrite veinlets, or their oxidised equivelents. The area strongly suggests a telescoping of temperature ranges resulting in deposition from the pegmatites to epithermal. In this respect I would place the economic metalization in the leptothermal-epithermal range.

Economically, the major value of the ores is in gold, followed in importance by silver, lead, zinc, and copper, in the order given.

Ore bodies vary in horizontal distance up to at least the 2,600 feet of the Chloride-Volunteer (Carter Mine) vein, have an average width of perhaps three feet, a proven depth of 500 to 600 feet, and an inferred depth of 1,500 to 2,000 feet.

The very rich ores in the area were found at or near the surface in a limonitic quartz so that early mining was confined to this area. In general, the Au-Ag values are less where the gangue is pyrite-quartz, but the galena commonly carries good values in gold. For example a 6" vein of galena-quartz from the lowest level of the [illegible] Mine assayed, 11.76 Au, 15.5[illegible] Ag, and [illegible] (Bulletin [illegible])

Gold occurs free and has been placered from Jones Gulch and Dutch Flat (see Fig. 1). It can be seen in some of the ore and readily panned from the higher grade oxide ores.

Principle ore-bearing areas are near the contact of the granite-metamorphic rocks although the granite seems to be the more favorable for ore.

The authors of Bulletin [illegible] felt that the lack of ore in the limestones (see Fig. [illegible]) indicated Cambrian to pre-Cambrian age for the ores. However, since their report was published, ore has been found in these limestones. This and the fact that this area lies squarely in the northeasterly belt of Tertiary metalization from Ouray - San Juan to Gilpin - Central City (see Lindgren's Mineral Deposits, Fig. 144, Page 500) makes me think that the Gold Creek metalization is also of Tertiary age lying within the major metalliferous belt in Colorado.

Carter Mine

This is the most important mine, or vein, of the Kanarado's holdings. Most of its workings are on the Chloride-Volunteer vein or vein system that has been exposed for 4,000 feet on the Fifth level of the Volunteer (see assay vertical section of Carter Mine enclosed).

Much of the development necessary to put the mine into operation has already been completed. As shown in the long section, a compartment vertical shaft connects the Volunteer-Chloride workings to the Carter Tunnel so that all ore mined is dropped by gravity down the Carter shaft to the main haulage level. From there it is taken direct to the portal and the mill.

The vein, or vein system, is a system of cymoids that have had the local people quite confused, but will present no problem to us. Of the samples I took on the Five and Six Levels of this mine, I was impressed by the gold values in the granite adjacent to the veins. This combined with the cymoid habits of the ore could lead to the mining by economic limits of areas 20-30 feet wide in places, altho areas of such widths are not known at present.

Ore Reserves

I do not have enough information of my own to place an accurate ore reserve on this property, but the enclosed long section made for the Carter Mine, while it was in operation, indicates 473,045 tons of proven and probable ore of $10.00 ore (this may be at the old gold price). Mr. L. M. Yarberry examined this property for Pueblo Enterprises in 1950 and estimated 487,930 tons of proven and probable ore at $11.[illegible] ore.

It is interesting to note that Mr. Yarberry's reserve is, I believe, based upon the long section enclosed plus 30 check samples that he took (he estimates it would take eight to twelve weeks to sample this mine).

This mine looks very favorable, but many more samples are urgently recommended [illegible] ore reserve can be obtained. As it is there is enough [illegible] and Six levels to run the mill for three years. Yarberry estimates this grade at about $18.00.

The samples that I took in the Chloride indicates:

(a) That a spur drift 200 feet south of the Chloride Shaft on the 500 level has a vein of ore 6.[illegible] feet wide assaying $24.00 per ton at the face.

(b) That a vein just east of the Chloride Shaft on the 500 level had an average 2.6 feet of $95.35 for a distance of 60 feet. At this point the vein assaying $18.14 for a 5 foot width, goes into the south wall of the drift.

(c) That the proposed stoping area on the 500 level has an average of 4.0 feet of $23.00 ore for the 200 feet sampled.

These results have me fairly well convinced that the values of this Assay Long Section are based on the old gold price.

Other Mines of the Kanarado Group

The Grand Prize, Bertha, and Grey Eagle mines are on the same general vein system (see Fig. 2) as the Chloride-Volunteer vein of the Carter Mine. Of these The Grand Prize has been credited with $105,000 of production with an ore reserve of 16,000 tons of $13.00 lying above the bottom level which is the same as the Chloride Adit level. A Cross-cut connects the Chloride with the Grand Prize lower level which is still open but in need of repairs. Samples taken in the Grand Prize during my examination were as follows:

Width	Au	Ag	Pb	Description
1.0	1.79	51.40	None	At south end of stoping on lowest level.
1.2	.28	1.7	----	300' north of shaft on lowest level.
2.2	.23	1.4	----	South end of lowest level.

The Bertha was not accessible due to the snow, however, it will be this spring. The maps indicate about 300 feet of drifting on a one to four foot vein ~~assaying $40 to $100 to the ton (results of milling and shipping)~~. Out samples have not been taken in this mine.

The Grey Eagle was not accessible during my trip, however it is said to have one to six feet of $20.00 ore.

Included in this same vein system are the Teller, Whig, and Buckeye Chief, but I have no information on these mines at this time.

The Maggie Mitchell, Hilltop, Granite Mountain, and Mona (and perhaps the Sacramento workings) are on a second vein system which I will refer to as the Maggie Mitchell Vein. I did not get to these, but Bulletin 1[illegible] reports the following:

Maggie Mitchell: vein in granite [illegible] with a grade of perhaps $20.00 per ton.

Hilltop: Has two veins; the first vein striking N 40° E dipping 80° west, has an 80 foot shaft with some drifting. The vein varies from 1-1/2 to 3 feet wide and had values up to $173.00. The second vein (the east vein) has a 70 foot shaft. No description of the vein was given.

Granite Mountain is identified as being part of the above vein (as well as the Mona) however, I don't have information giving the details on these.

A third vein system is represented by the Golden Islet and the Raymond. Two other mines, the Chicago and Lucille are on this same system, but do not belong to this Company. The Golden Islet is credited with a production of $75,000 with a remaining ore reserve that I would consider feasible at 32,000 tons of $9.50 ore that I think is calculated on the old price of gold.

The Raymond Mine may have been the third largest producer in the area (preceded by the Chloride-Volunteer and Gold Links).

The Raymond tunnel is on the bottom level of the Raymond workings from which seven veins, all a part of this vein system were worked. These veins are numbered by their approximate distance from the portal and are known as the 600, 950, 1,100, 1,200, 1,600, 2,500, and 3,300 veins. Lesser veins within this area are not reported here. Cut sample in this tunnel taken by Harold W. C. Promne during an examination in 1947 indicates the ore will average about 3' wide of $20.00 ore and comprise 1/3 to 1/4 of the strike distance of the veins. The Raymond has upper workings that were commercial, but of which I know very little at this time.

Mr. Promne concluded in his report of January, 1947 that abandonment of the property was unwarranted and premature. Mr. E. P. Chapman in a report in June, 1947, said the mine should be reopened and placed the mining risk at 1 to 1. I see no reason to disagree with either of these gentlemen and in due time would recommend further sampling of the Raymond in order to put it into production.

Mines in This Area Not of the Kanarado Group

These are offered here because there is a chance that they can be added to the present holdings. In general, they may be thought of as the Gold Links and the Sacramento. All belong to Mr. Carry, a mining engineer in Denver, who has reason to believe that the Gold Links property has 1,500,000 tons of $20.00 ore. This could be true enough for the local people have a lot of respect for the Gold Links Mine.

The Carter Mill

General

This is the only mill in the area at the present time. It is a 100 to 120 ton flotation mill converted from a former stamp mill. In its present condition it is usable and a very important part in any proposed operation of the Kanarado Group. With the expenditure of perhaps $50,000 it can be converted to a 200 to 300 ton mill.

Mill Proper

The mill building is 105 x 100 x 46' and in good condition. The general working layout is as follows:

Ore from the Carter Tunnel is dumped by mine cars directly on to two inch grizzlies, the undersize going directly to the storage bin, while the oversize rests on a grizzly platform. The oversize is worked through a 9 x 16 jaw crusher (they have an extra 15 x 9 Blake jaw crusher) by the grizzly man. The ore from the storage bin is fed to the ball mill by means of one or more hoppers from the storage bin that feed the ore to a conveyor belt which in turn feeds the ore directly to the ball mill.

The ball mill is a 6' x 6' Allis Chalmers, powered by a 180 H.P. International Diesel. The ball mill discharge is fed over two 16 x 24 Duplex Denver Equipment mineral jigs. Jig overflow goes directly to a 20 foot Deer Classifier where the sands are returned to the ball mill for further grinding and the fines pass over the classifier weir into the flotation circuit. This circuit consists essentially of a conditioner tank, flotation cells, and a drum filter. At the conditioner tank Z-6 and Aerofloat are added to the mill pulp which is then fed directly to the flotation cells consisting of 1 bank of 6 cells of the Denver Equipment Sub A, Model 18 Special type flotation tanks.

A mixture of creyslic acid and Pine Oil is added to the No. 1 cell as a combination frother - promoter. The result is a high grade float concentrate with the tails from the floats going to the tailing pound.

The jig concentrates go to copper plates where at least a portion of the gold is removed and the overflowing sands are shipped as jig concentrates.

The following are the average assays from recent milling:

Heads	.30 Au	2.13 Ag	1.84 Pb
Jigs	40.00	28.00	15.00
Floats	8.00	44.00	8.00
Tails	.15	0.8	.50

Power

As stated above a 180 H.P. International Diesel runs the ball mill, but another one of the same type runs a/50 KW 2300 volt AC /69 H.P. generator which, by using four transformers supplies the electricity needed in the mill and mine office area. As other power equipment, they have a 17 KW D.C. 100 volt generator not in use at present.

They have three Pelton Wheels installed at present, that can develop up to 330 H.P. They are in [illegible] to get this into operation, but I feel this is a very important factor. This system has a 183 foot head with the water supply good for nine out of twelve months.

Other equipment includes ~~two~~ 1 Ingersoll Rand Imperial type 10, two stage compressors of 1150 cu. feet capacity (about 900 cu. feet estimated for this elevation). This can be powered either from the Pelton Wheel or the Diesel. They have a 300 amp. Schram Welder, cutting tools, blacksmith shop, change room, boarding house and other necessary installations.

They have an assay lab. ~~that can be put into operation without much work. In the main it needs reagents and a furnace.~~ Ready to go now. Operated all summer 1964.

Mine Equipment

Altho somewhat shoddy by our standards, they do have two five ton gasoline driven locomotives at the Carter Tunnel that can be [redacted] / New GMC diesel 5 ton locomotive
1 [illegible] "

used by installing diesel motors and scrubbers in them. They have an unknown footage of mine rail and a compressed air hoist at the bottom of the Carter Shaft which is used to hoist men and equipment to 400 level of the Volunteer level. They have a new "Swede" machine and several old liners that may have to be replaced.

Recommendations

I have suggested to both Mr. Vashus and Mr. Clark Wilson that New Park obtain an interest in this property in a gradual way, but that work be started immediately that will permit sampling of the accessible areas of the Chloride - Volunteer vein. As soon as the information is available for a mining operation, I suggest that a test run be made on both the mine and mill to obtain a cost and percentage of recovery for the mill as well as a cost break-down for the ore on the Volunteer - Chloride Vein.

Present estimates may be of interest here. As nearly as I can determine at present, the following may be expected:

Mine (direct cost)	$ 4.00 per ton
Mill (under present conditions)	2.82 per ton
Underground development	4.00 per ton
Taxes (a gross estimate)	1.50 per ton
Miscellaneous	2.00 per ton
Total	$13.32 per ton

I am quite sure that a $20.00 grade of ore can be supplied to the mill indicating a net profit of $4.68 per ton. On this basis, I feel that 10% of the net profit can be paid the stockholders per annum, the remainder to go to a cash reserve to permit expansion of the mill and mine over a period of perhaps five to ten years.

Other Assets

This Company owns 1,000 acres of very fine pine timber. The Forest Service estimates [illegible] board feet on this patented ground. Of course this means that there is a large quantity of timber available for mining purposes (they have a small saw mill at the Carter Mine Portal). It also implies that a logging operation remains a possibility as a side line. This timber is sold at present at $5.00/M for the sawed stuff and $4.00 a thousand running foot for the poles under 8 inches in diameter.

There are at least 32,500 tons of dumps on the property having an estimated value of $11.30. It is thought that this can be trucked and milled for $5.00 per ton net profit if we take the time to build the proper set up, both at the dump and the mill.

Total Assets

This would be very rough at best at this time, but I would estimate the assets of the property as follows:

18 million board ft. timber @ $4.50/M	$ 81,000.00
Mill Complete @ $800.00 x 120 tons	96,000.00
Mining equipment (est.)	20,000.00
Net Profit expected from dumps @ $4/ton	130,000.00
Net Profit expected from ore reserves 600,000 ton @ $15 grade	1,033,000.00
Surface buildings	50,000.00
	$1,410,000.00

The above figure, however, should not be thought of as the present value of the property.

Conclusion

Altho quite lengthy, this is at best a generalized report of the area. There remains much more work to do. I am convinced that this is a property of major possibilities and suggest that New Park Mining Company take steps to obtain a controlling interest in the property as soon as possible.

It is quite possible that the mine and mill can be put into steady operation within six months.

At the present time I would place odds of a successful operation at 4 out of 5.

Respectfully submitted,

Walter E. Bauer

Walter E. Bauer, Chief Geologist
New Park Mining Company

2 copy

EXHIBIT G

Return to Comanche Milling Co
Ohio City Colo

Ohio City, Colorado
December 18, 1960

Pueblo Enterprises, Incorporated
Pueblo, Colorado

Gentlemen:

Pursuant to your request, I have carefully examined the Golden Mines Property, spending 15 days, from December 4 to December 18, on the ground and herewith submit my report thereon.

(Signed) L.M. Yarberry, B.S.M.E., M.E.

Copy

Summary and Conclusion

The Carter Mine and Mill were found to be in good condition. Although there are several caves in the mine which would require a certain amount of work to be caught up, as well as some re-timbering to be done, in general, if this work were done and the afore mentioned improvements were carried out, the property would be in operating condition.

Although there is the possibility of encountering much rich ore it is probable that the general run of ore produced from this mine will not be of high grade. However, due to low cost of operation because of available water power, and because neither rock nor water require hoisting, production expenditures should remain low. Also this ore is not refractory.

In an over-all consideration the writer feels that for a reasonable outlay of capital this property can be made to be a profitable enterprise.

In his brief association with Mr. W.D. Murdie, the writer came to the conclusion that Mr. Murdie's statements represented his sincere convictions.

No indication of misrepresentation was found.

Introduction

A. Location

Carter Mines are located in Gunnison County, Colorado, three and one-half miles above Ohio City on Gold Creek.

B. Mining Claims Included

There are eighty-seven patented claims and eighteen unpatented claims included in this property with a total acreage of 376.

* Above figures reported by County Clerk and Recorder of Gunnison County.

The property is roughly 6,500 by 10,000 feet.

The company also purchased a five acre patented mill site, one and one-half miles down Gold Creek from the mill with the intent to increase operations.

Geography - Topography - Geology

A. Geography

The total Carter Property is bounded roughly by Jones Creek on the North, Gold Creek on the West, Dutch Gulch on the South, and the eastern border lies 10,000 feet from Gold Creek.

The weather is this area, due to the mountain location, varies from a mild temperate summer climate to an extreme winter condition. However, at no time in past operation has work been suspended for more than a period of two days due to weather conditions.

B. Topography

The surface of this property is mountainous, 580 acres are covered with white pine and red spruce timber. The elevation at the mine portal is 9020 feet and the mine workings extend to a height of 1,400 feet above this level.

C. Geology

The country rock consists of metamorphic gneiss and intruded igneous granite. It is cut by numerous small pegmatite and diorite dikes, also by one large porphorytic dike.

All veins under consideration are of the fissure type and are considered to be cognato, that is, all were formed at the same time.

This system is of the parallel class, and would be technically termed dialation veins in schist.

The general strike of these veins is N 20° W and the dip varies from 30 to 80 degrees, averaging about 65 degrees.

Width of veins varies from two inches to fourteen feet, the average being possibly two feet.

History

In 1912 fifteen operating properties were consolidated to form the Carter Mines. The output of these various properties up to the time of consolidation had been approximately 680,000.

From 1912 until October, 1942 when the operation was discontinued by government war order this property was operated by Carroll M. Carter, principal stockholder and president of Carter Mines Company.

No accurate return for this period of operation can be determined because of the accounting system employed. However, available evidence indicates that a reasonable profit was made during this time.

In 1945 outside interests made a substantial down-payment toward purchasing this property and began operations. During a period of eighteen months there was a great deal of activity, but very little was actually accomplished in the way of productive operations. Due to inept management, at the end of this time, operation was discontinued.

The property has been inoperative up to the present time.

Scope of Examination

A. Extent

In the time alloted to this examination a systematic inspection of all accessible mine workings has been made. Conditions of workings and equipment were noted and methods were observed. Samples were taken at strategic points and in as great a quantity as time allowed.

A cursory examination of the mill and all surface installations was undertaken, more particular notice being taken of the mill and the machinery.

B. Limitations

1. Extreme winter weather conditions have limited time which could be alloted to upper mine workings, and it also prevented the examination of the ground surface.

2. Transportation by horseback to the upper workings limited the number of samples which could be brought out of that section.

3. The availability of unbiased personnel somewhat limited the extent of the examination and the thoroughness of sampling.

   * Note: Thorough and reliable sampling of this property would require eight to twelve weeks.

Property Examination

A. Mine Examination

1. General Description of Mine

The main haulage level is termed the 1500 level of the mine and consists of 6600 foot straight adit bearing roughly S 60° E. At the 6300 foot station a drift has been driven about 1000 feet North. At the 700 foot station on this drift a 550 foot crosscut was driven which cuts the Volunteer-Chloride Vein. At 450 feet on this crosscut a vertical four compartment raise, known as the Carter, has been driven.

From the portal of the adit to the 6300 station sixteen veins of possible commercial width have been cut and no appreciable stoping has been done. Drifts have been driven on these veins varying from [illegible] feet to 950 feet in length.

At the fourteen level of the Carter Raise there is no station cut, at the thirteen level a station has been cut, at the twelve level a [illegible]-foot drift on the vein has been driven South, at the eleven level a three hundred foot drift has been driven South, and a small amount of stoping has been done. At the ten and nine levels a station has been cut, at the eight level a drift has been driven 100 feet South and a stope 35 x [illegible] feet yielded 1200 tons of 10.00 ore. To the North on this level a drift was driven 350 feet, and this entire section was stoped out. On the seven level a drift was driven on the vein 160 feet to the South and this section has been stoped out the extent of approximately 60 per cent.

A drift has been driven North on this level 420 feet and this entire block has been stoped. On the six level a 200 foot drift has been driven to the South and this ground has been completely stoped. A drift has also been driven on this level 1400 feet to the North, the first 675 feet has been stoped and the remaineder of the section is completely blocked out and

ready for mining. This drift to the North also connects the bottom of the Chloride shaft at 1400 feet. The five level is driven 500 feet to the South and is stoped for 400 feet. It is also driven 1675 feet to the North, intersecting the Chloride shaft at 1400 feet. One block of ore remains between 1000 feet and 1250 feet, the remainder being stoped. There are also about 4000 tons of broken ore available on this level. The four level is driven 425 feet to the South and is stoped with the exception of [illegible] tons of broken and blocked ore. To the North on this level for 650 feet stoping has been complete to the surface with the exception of [illegible] tons of blocked ore. This four level also cuts the bottom of the Volunteer shaft which is offset from the top of the Carter Raise approximately 40 feet to the North. The Volunteer Shaft was also sunk on the Volunteer-Chloride vein to a depth of 375 feet. There are three drifts off the Volunteer shaft which are approximately 50 feet apart, averaging 150 feet in the [illegible]. The lower two of these drifts extend to the South approximately 300 feet. [illegible] ore block has been stoped out. The upper drift extends [illegible] feet to the South at which point a fault was encountered and the vein lost. From this point the drift was continued for 375 feet at which point it crosses and is driven East for 175 feet. A vein was cut having the same strike as the original Volunteer. The first 250 feet of this drift has been stoped to the surface.

Some 1400 feet to the North of the Carter Raise and also on the Volunteer-Chloride vein the aforementioned Chloride shaft has been sunk [illegible] feet. The bottom of this Chloride shaft is considered to be the fourth Chloride level. The third Chloride level corresponds to the fifth Volunteer (Carter) level. These levels have been heretofore described as the North ends of the Volunteer (Carter) six and five levels. The Chloride second [illegible]

level has been driven 725 feet to the South. This block of ore has been stoped approximately 80 per cent. This level has been drifted 275 feet to the North, stoped 60 per cent, the stopes remaining filled with broken mill ore. Above the southern end of this second level there remains a blocked section extending to the surface and containing approximately 20,000 tons of ore. At the northern extremity of this level there is another blocked section of ore extending to the surface containing approximately 3000 tons. The Chloride first level drift has been driven 325 feet to the South with all ore stoped to the surface. This level has been driven 25 feet to the North into the previously mentioned stope with which is filled with broken ore.

Access to the Grand Prize section of the mine is a 400 foot cross-cut from the Chloride second level, 225 feet North of the Chloride Shaft. This crosscut intersects the bottom of the Grand Prize shaft. On this level the crosscut cuts two veins which are thirty feet apart, the East Vein and the West Vein. From the respective dips of these veins the apparent intersection of the two veins lies 50 feet below this level.

(*Note: from a geological consideration the intersection of the ore-bearing bodies such as these veins shows results in a higher grade ore-body.)

The Grand Prize fourth level corresponds to the Chloride second level. At this level and beginning from the end of the crosscut, the East Vein was drifted thirty feet to the South and fifty feet to the North. Very little stoping has been done. At this same level the West Vein was drifted 260 feet to the South where some stoping has been done. On this vein a drift has been driven 100 feet to the North and is caved at its extremity. The Grand Prize third level has been driven between the East and West Veins for a distance of 175 feet to the South with no stoping done. It has been driven to the North for 75 feet with a small block of ore stoped.

The Grand Prize second level, also between the East and West Veins with a short cross-cut driven to the West Vein, drifts South on this vein for a distance of 425 feet and has been practically stoped out and filled with broken ore. The drift was driven North on the vein 225 feet with approximately 70 per cent stoped. The Grand Prize Shaft is off-set 23 feet to the North from the raise connecting the second and third levels and has a depth of 90 feet. The first level of the Grand Prize is 40 feet below the surface at the collar of the shaft and this level is driven on the vein [illegible] feet to the South and 75 feet to the North, 350 feet of this total distance being stoped to the surface.

The cross-cut to the Grand Prize section cuts an [illegible] vein 20 inches wide at 450 feet. A short drift has been driven [illegible] on this vein.

Recent caving on this cross-cut just off the [illegible] vein has rendered this section almost inaccessible at this time.

Two shafts have been driven on the northern extension of the [illegible] Volunteer vein, one 2000 feet north from the [illegible] deep, the other 2100 feet from the Carter [illegible].

The section of the mine known as the Golden Island [illegible] on the vein cut by the main adit at 3750 feet, 300 feet North of the adit. This section is inaccessible due to caving. [illegible] the third level corresponding to the eighth Carter [illegible] to the seventh Carter, the first to the sixth Carter. [illegible] that the workings consist of 1800 feet of drift and cross-cut with [illegible] raises. The amount of stoping is not known, but a report by [illegible], estimates 20,000 tons of $9.87 ore in sight above the [illegible] level.

Specific sampling and tonnage data by mine sections is contained further in this report.

Samples Taken

Sample Number	Width	Location	Ounces Au	Ounces Ag	Value
1	20"	Grand Prize Inter. Vein, South End, 4th Level	Tr.	0.20	0.18
2	42"	Grand Prize, West Vein, South End, 4th Level	0.24	1.95	10.16
3	60"	Grand Prize, East Vein, North End, 4th level	0.34	1.46	2.71
4	41"	Grand Prize, West Vein, North End, 4th level	0.74	0.98	5.78
5	30"	Chloride-Volunteer Vein, Chloride 2nd, 100 ft. North of shaft	1.67	10.94	68.25
6					
6	42"	Chloride-Volunteer Vein Broken ore between chloride 2nd and 3rd	0.52	[illegible]	22.32
7	30"	Chloride-Volunteer Vein, 5th Volunteer level, 200 ft. Southof Chloride Shaft	0.85	[illegible]	37.93
8	38"	Chloride-Volunteer Vein 5th V9lunteer level, 300 ft. South of Chloride Shaft	[illegible]	[illegible]	14.30
9	37"	Chloride-Volunteer Vein 5th Volunteer level, 400 ft. South of Chloride Shaft	0.55	[illegible]	23.18
10 & 13	30"	Chloride-Volunteer Vein 6th Volunteer level, 300 ft. South of Chloride Shaft	0.18	[illegible]	6.41
11	42"	Chloride-Volunteer Vein, 6th Volunteer level, 300 ft. from Chloride Shaft	0.17	[illegible]	8.05
12	30"	Chloride-Volunteer Vein, 6th Volunteer level, Bottom of Chloride Shaft	0.66	3.74	25.92
14	13"	Chloride-Volunteer Vein 3rd Chloride level, 300 ft.	0.11	2.3	5.92

Sample Number	Width	Location	Ounces Au	Ounces Ag	Value
15	9"	Chloride-Volunteer Vein, 6th Volunteer level, 200 ft. South of Carter Raise	0.06	0.54	2.59
16	4"	Chloride-Volunteer Vein 8th Volunteer level, 150 ft. South of Carter Raise	Tr.	0.49	0.43
17	5"	Chloride-Volunteer Vein 7th Volunteer level, 200 ft. South of Carter Raise	0.01	0.59	0.88
18	39"	Chloride-Volunteer Vein 5th Volunteer level, 420 ft. South of Carter Raise	0.01	0.19	0.52
19	20"	Chloride-Volunteer Vein South End of drift 1500 level	0.01	0.19	0.52
20	62"	6300 Vein, 400 ft. North of Carter Adit, 1500 level	0.01	Tr.	0.35
21	24"	6300 Vein, South end of drift, 1500 level	0.01	Tr.	0.35
22	28"	4778 Vein, North End of drift, 1500 level	Tr.	Tr.	---
23	72"	3750 Vein, 200 ft. North of Carter Adit, 1500 level	Tr.	Tr.	---
24	20"	3131 Vein, South End of drift, 1500 level	0.01	0.28	0.60
25	10"	3040 Vein, in back 30 ft. above Carter Adit	0.16	0.24	5.82
26	36"	2530 Vein, North End of drift, 1500 level	0.03	0.27	1.29
27	12"	2385 Vein, South End of drift, 1500 level	0.06	1.14	3.03
28	20"	1550 Vein, South End of drift, 1500 level	0.03	2.37	3.18
29		Grand Prize, West Vein South End, 4th level	1.04	16.26	51.02
30		Chloride-Volunteer Vein, 5th Volunteer level, North 350 ft.	0.36	11.04	22.54

Tabulation Sheet

Line Level	Tonnages: Positive	Probable	Possible	Average Crude	Value
4th to surface	25,350	34,000	small	11.72	300,200
5th	8,580	17,500	small	18.54	159.072
6th	11,500	6,500	small	17.38	199.870
7th	3,800	11,500	considerable	8.77	33,320
8th	700	21,000	"	8.82	6,170
11th to 8th	none	2,500	261,000		
15th to 11th	none	346,000	very large		
Totals	49,930	438,000	very large	11.05	551,720

2. Mining Method Used - Shrinkage Stoping

This is a method most often applied to thin tubular deposits dipping at angles greater than 50 degrees in which there are few horses of waste. However, the horses encountered are left as pillars. The stopes in this mine vary from three to twelve feet in width.

Development consists of a single drift in ore on each level, with chutes at intervals of 15 to 20 feet for drawing off and loading the broken ore. The development drifts are timbered with regular sets, which are lagged over to hold the broken ore in the stope. The stopes are advanced upward by horizontal or inclined slices the full width of the vein or in the case of a narrow vein, enough wall rock is taken to make a three foot stope. The miners work on top of the ore, and as the stope advances enough of the broken ore is drawn off after each blast to provide working room between the top of the broken ore and the back of the stope. [illegible] have been drawn off when [illegible] the way.

[illegible] most insecure patches [illegible]

[illegible] the hanging [illegible] show only slight evidence of caving.

[illegible]

Development [illegible] in [illegible] chutes [illegible] ion. All [illegible] stopes [illegible] and it also [illegible] stopes can be [illegible] differ [illegible] Long ore passed

are not required as the ore is drawn off at the drift level. There is no handling of ore in the stopes. Also, a considerable reserve of broken ore is held in the stopes which can be drawn upon to maintain an even supply of ore to the mill, even though breaking may be at an irregular rate. All of these points are favorable for this system of mining and result in a lower production cost.

However, some disadvantages to this system should also be considered. Some ore dilution will occur due to wall sloughing. Only about 40 per cent of the ore in each stope is available for removal as it is broken, the balance being tied up until the stope has been completed. Chutes must be spaced closely, as otherwise the ore would be hung up between the chutes, and also it would not be possible to control the working floor above as closely as is nedessary. No opportunity is afforded for selective mining or the sorting of ore from waste. Serious, even fatal accidents often have occured due to broken ore hanging up in the stopes, followed by its sudden collapse under men working in the stopes. Travel and handling of equipment and supplies in the stopes often are difficult and time consuming.

It is my considered opinion that this method, in spite of the disadvantages pointed out and because it has already been instituted, is the most practical method to be used. It should be comparatively cheaper and faster than other methods.

3. Opinion of Exploitation

To a great extent the ore extraction on this property has been in the upper levels of the Volunteer-Chloride Vein. The blocks of ore between the eighth Volunteer (Carter) level and the surface have been largely mined out. However, there remains about 18 months of life at a daily capacity of 100 tons per day in this section. It is the opinion of the writer that the future life lies largely below this eighth level in the Volunteer-Chloride Vein, the Golden Islet Vein, and the 6300 Vei n.

There are three levels on the upper Golden Islet Vein which have been mined to some extent but definitely not mined out. There aloo has been removed a small amount of ore from the three levels of the Grand Prize Vein.

The sixteen veins intersected by the Carter Adit have been drifted on and stoped in varying degree and to a small extent.

Although the exploitation of these various Veins, particularly the Volunteer-Chloride, has been considerable, it is felt that a great deal of potential life lies ahead.

4. Estimation of Ore Reserves

An extimation of ore reserves has been made by levels in the mine. This means that all ore above the given level and below the next level above it is included in the estimate.

When possible the estimates have been made by calculating the size of the ore blocks. However, in cases where huge and apparently extensive blocks of ore are not opened the estimation of possible ore has been based on the fact that this is a cognate and parallel system of fissure veins.

Into all estimations of ore reserves a reasonable safety factor has been incorporated.

*Note: The following table sets forth in tabulated form the reserve estimates by levels, and also the totals.

*Note: Positive ore is ore which has been completely blocked on four sides, and its tonnage can be calculated.
Probable ore is ore which has been opened to some extent but not completely defined.
Possible ore is ore which can be expected due to proven geology and previous development.

Proposed Improvements of Mine

1. Methods and Equipment

It is suggested that the long and time consuming hand-tramming in the upper levels be eliminated by the introduction of a small internal combustion motor equipped with a damper to do away with gases. (Nath type, manufactured in Denver)

A mechanical mucker would facilitate drifting, development, and the removal of numerous caves which must be caught up before mining can be started in the various sections.

Two drifters and three stopers would be needed to carry on mining at the proposed capacity.

A complete supply of drill steel and rock bits would be needed, as well as a small amount of track.

2. Development

It is proposed that the drift on the 1500 level at the 3150 station be continued North to a point directly beneath the winze in the Golden Islet workings and a raise driven to meet this winze. This would block an extremely large section of ore which would meet the production requirements fora considerable period of time.

*Note: The term development as applied to mining means the opening up of new ore far enough in advance of the actual stoping operations to permit continuous production.

Proposed Operation of Mine

1. Capacity pro rata

It is the opinion of the writer that a capacity of 100 tons per day would be profitable as well as practical. Also, the present equipment would handle this tonnage. It should be realized however that any increase over this capacity would reduce the cost of operation proportionally.

At this capacity the life of the mine would be approximately 13½ years as calculated from the tonnages of positive and probable ore.

2. Plan to get operation under way

It is proposed that the cave on the 3750 Vein on the [illegible] level be caught up so that this drift can be extended and stoped [illegible]. At the same time stoping can be begun on the south drift of the 3650 Vein. It is anticipated that ore from these three sources will provide the pro rata capacity.

3. Operational Conditions

It is suggested that the most economical plan for ore production would be by contract mining. Maintenance work would be done by day labor. Right of supervision in contract work would be retained by management.

4. The air-driven hoist

This hoist used for caging in the Carter mine is in operating condition and has 3600 feet of almost new five-eighths inch rope.

5. Track and Air-pipe

Practically all necessary air-pipe and haulage track are in place and with a reasonable amount of repair will be ready for operations.

6. Operational Costs

An estimation of operational costs per ton has been made based on all available figures at hand. This estimate is believed to be conservative.

In the estimate labor costs were based on a total number of twenty employees who could produce the pro rata capacity. The estimate was also based upon costs of air, timber, powder, machine repairs, cost of milling, development, taxes, insurance, depreciation and miscellaneous.

The figure arrived at was 8.11 per ton of ore produced and milled. However, this figure is merely speculatory since air costs, timber requirements, and necessary development work are impossible to foretell accurately.

Surface Buildings, Mill and Equipment

1. Description

The Carter Mill and surface buildings are situated near the portal of The Carter Adit. The bukldings consist of the main mill, mill addition, steam and water plant, two snow sheds, a coal house, a lumber and timber shed, a blacksmith shop, an assay office, three bunk houses, a powder house, a coal and carbide house, three cabins, a boarding house, a sawmill, an office, a meat house, and two storerooms.

2. Condition

It was found in the examinations of the afore mentioned buildings that all were generally in a state of good repair. The dwellings are in condition for immediate occupation. The shops and mill need to be organized and this will be treated subsequently in the paper.

3. Recommended Improvements

(a) Mill. It is recommended that secondary crushing be introduced in order to reduce the work required of the ball mill. It is also felt that the introduction of a cyanidation process be introduced to treat the

float-cell concentrates. This would eliminate the necessity of dealing with a smelter, which in this area has always proved unsatisfactory. Smelter costs plus freight costs should within a reasonable time pay for this installation. It is also necessary to provide a power unit for the ball mill since the previous power unit has been removed. Thorough mill examination and recommendations are not included in this report because a further study by a manufacturer's representative must be made in order to put the mill in working order.

(b) Shops

In the blacksmith shop two major additions are needed. These are a welding outfit and a Toledo threading machine. This would eliminate the need for outside help to recondition drill steel. A general clean-up and tool supplement would be necessary to put this shop in working order. There must be made available a small electrical shop with necessary facilities.

(c) Assay Office

This is in very good condition and requires only a supply of reagents in order to begin operations

(d) General

The 4700 foot water line and its flume are not in working order, due to a break in the flume. It is suggested that this flume be replaced by an inverted siphon. Also the line from this break is in poor condition and will require repair.

It is recommended that a high line be brought in to furnish a reliable source of power when adequate water power is not available.

The inventory sheets show 40 haulage cars of 21 cubic feet and 15 level cars of 16 cubic feet. However, an actual count was not made by the

writer and several cars were seen to be in bad repair. It is expected that enough cars could be put into operating condition to carry on at pro rata capacity.

Two haulage motors equipped with ~~gasoline motors~~ electric, one in ~~good~~ new condition and the other in operating condition are included.

4. Tailings, Disposal of

The disposal of mill tailings consists of an enclosed pond of 400,000 cubic feet capacity. This lies above the mill. There is also a settling pond below the mill. This adequately clears the water before its introduction into Gold Creek.

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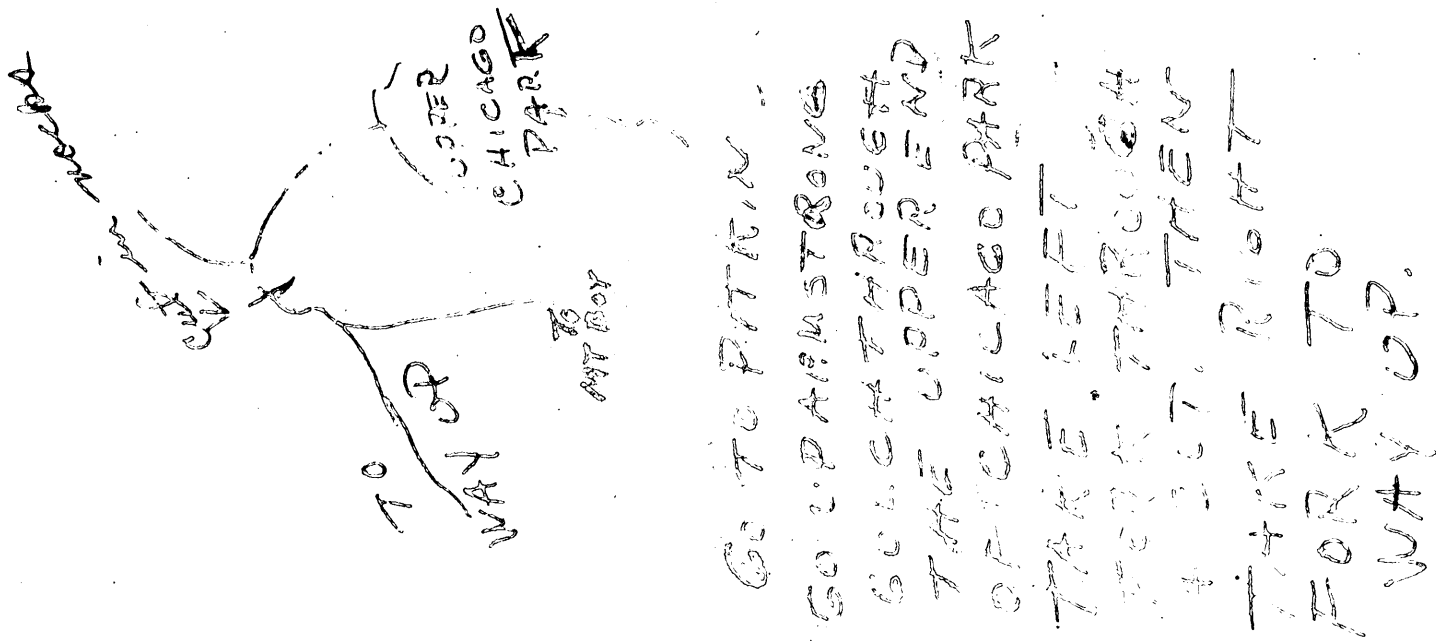
5. THE WAY [illegible]

Exhibit I

This mine is located [illegible] Quartz Creek Mining District, [illegible] County [illegible] It with a [illegible] vehicle of present. The following [illegible] Report [illegible] the Director of the Mint, 1881, page 469:

> "On Contact Ridge the Way [illegible] shaft [illegible] the bottom of the shaft [illegible] between [illegible] wide, [illegible] in big [illegible] mineral, lead [illegible] tion; [illegible] men are [illegible] work taking out ore and developing the claims; [illegible] work in February."

This is a steep incline [illegible] a very striking [illegible]. We [illegible] to do some hand work [illegible] get lower. We [illegible] that this [illegible] difficulty.



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Ohio City Colo

Exhibit C 1

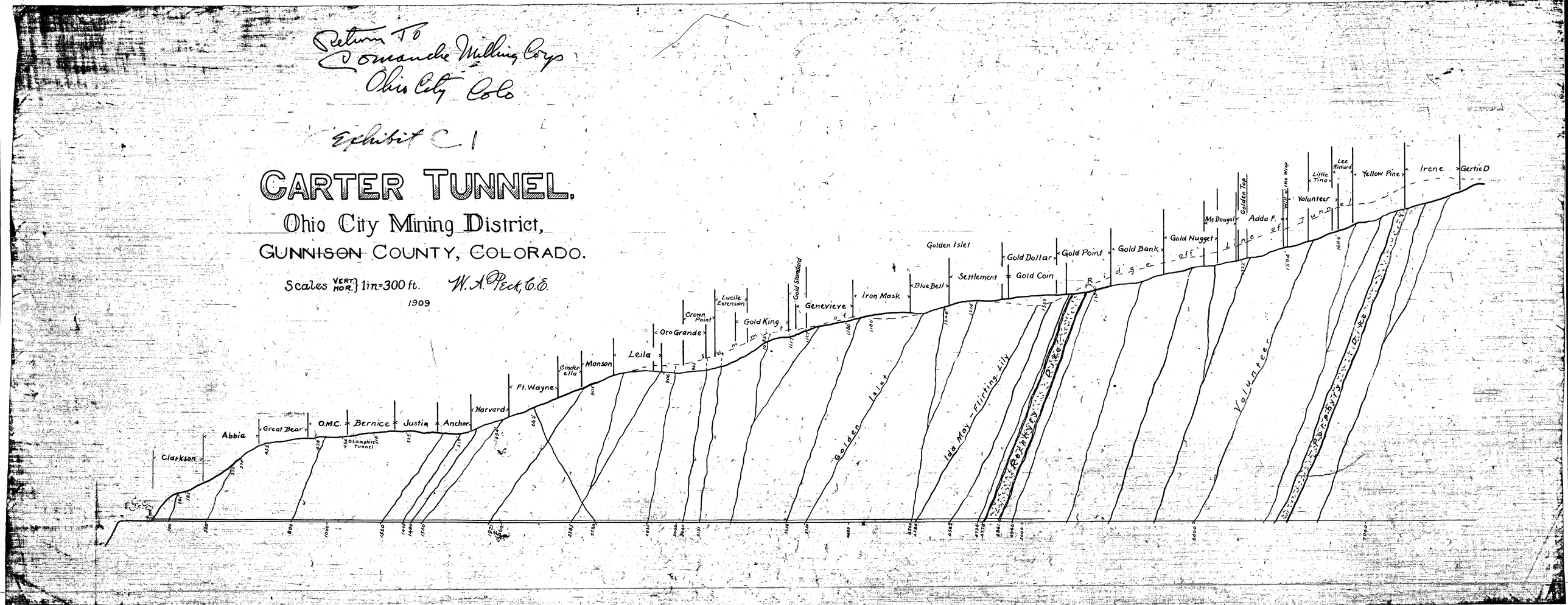
CARTER TUNNEL.

Ohio City Mining District,

GUNNISON COUNTY, COLORADO.

Scales VERT. HOR. } 1in.=300 ft. W. A. Peck, C.E.

1909



COPY
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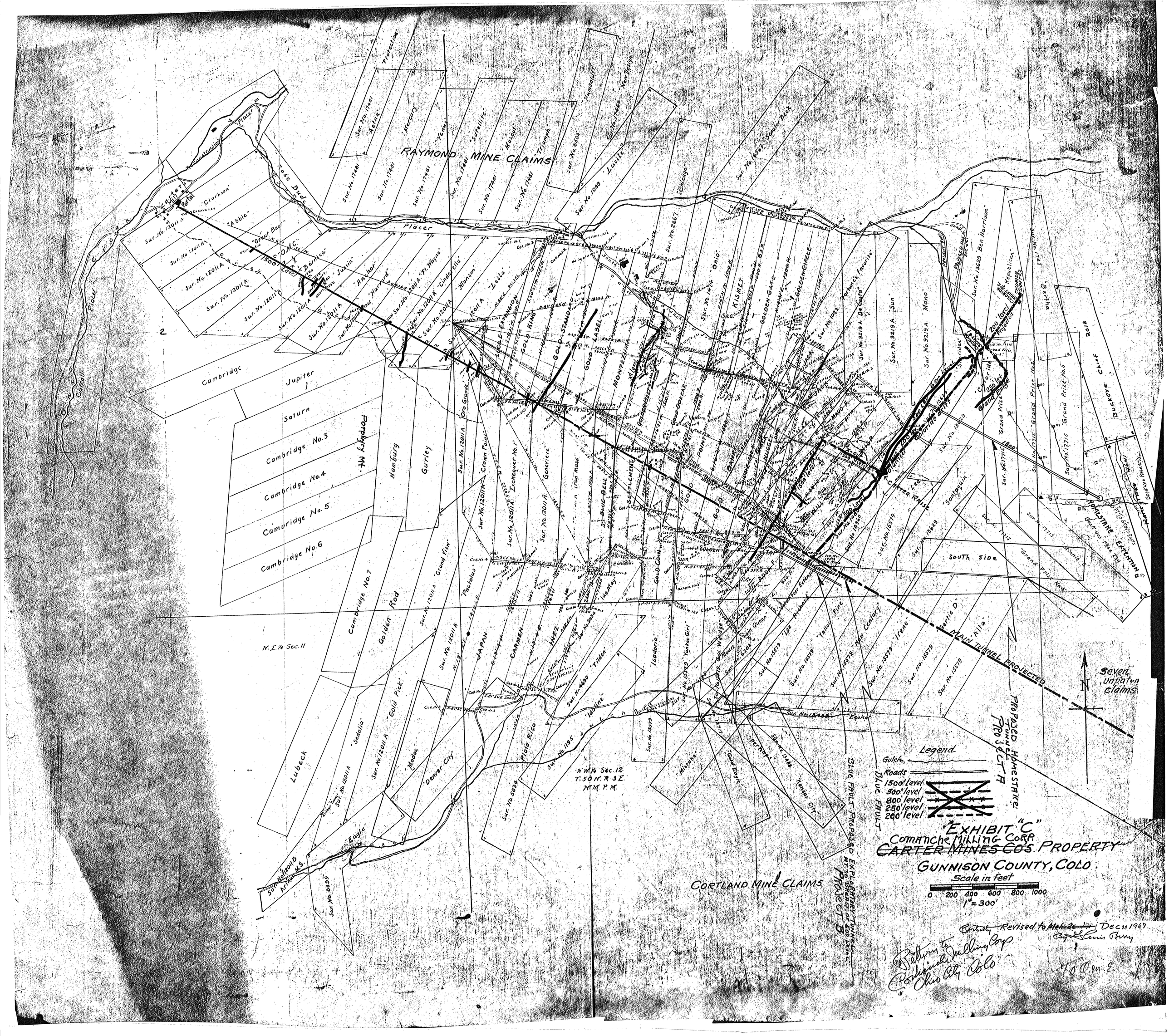
RAYMOND MINE CLAIMS
CORTLAND MINE CLAIMS
Carter Portal
Rose Bud
Placer
Cattail
Cambridge
Jupiter
Saturn
Cambridge No. 3
Cambridge No. 4
Cambridge No. 5
Cambridge No. 6
Cambridge No. 7
Porphyry Mt.
Hamburg
Gurley
Golden Rod
Lubeck
N. E. 1/4 Sec. 11
N.W. 1/4 Sec. 12 T. 50 N. R. 3 E. N.M.P.M.
GOLD KING
GOLD STANDARD
GOLD LABEL
MONTEZUMA
KISMET
GOLDEN CIRCLE
GOLDEN GATE
JACK POT
MAUD-S
GOLD COIN
JAPAN
CARMEN
INEZ
Plata Rico
Denver City
Eagle
Arthur M.S.
Chicago
Lucile
Lucky Queen
Yellow Pine
New Century
Irene
Perth
Kansas City
Mistake
Gold Eagle
Peona
Blue Fault
Blue Fault Projected Exploratory Tunnel at 500 Level
Proposed Homestake Tunnel Project A
Main Tunnel Projected
Chloride Cliff
Chloride Cliff Grand Prize
Grand Prize No. 5
Grand Prize No. 4
Homestake Extension
South Side
Chief
Seven unpatented claims
N
Legend
Gulch
Roads
1500' level
500' level
800' level
250' level
200' level
"EXHIBIT "C"
Comanche Milling Corp.
~~CARTER MINES CO'S~~ PROPERTY
GUNNISON COUNTY, COLO.
Scale in feet
0 200 400 600 800 1000
1" = 300'
~~Revised to Mar. 26 1967~~ Revised Dec. 10 1967
By Louis Berry
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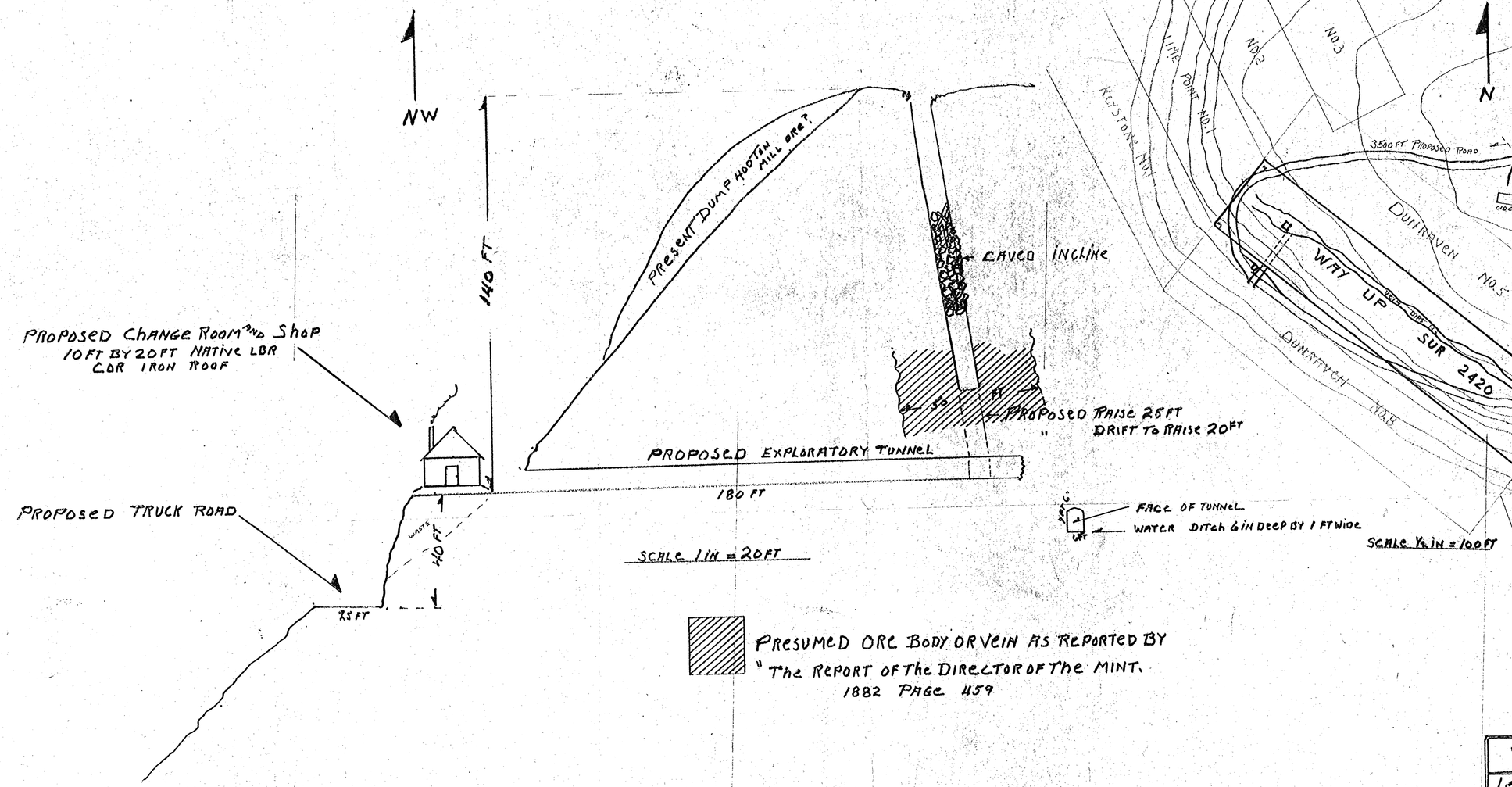
Ohio City Colo
1/8 O.M.E.



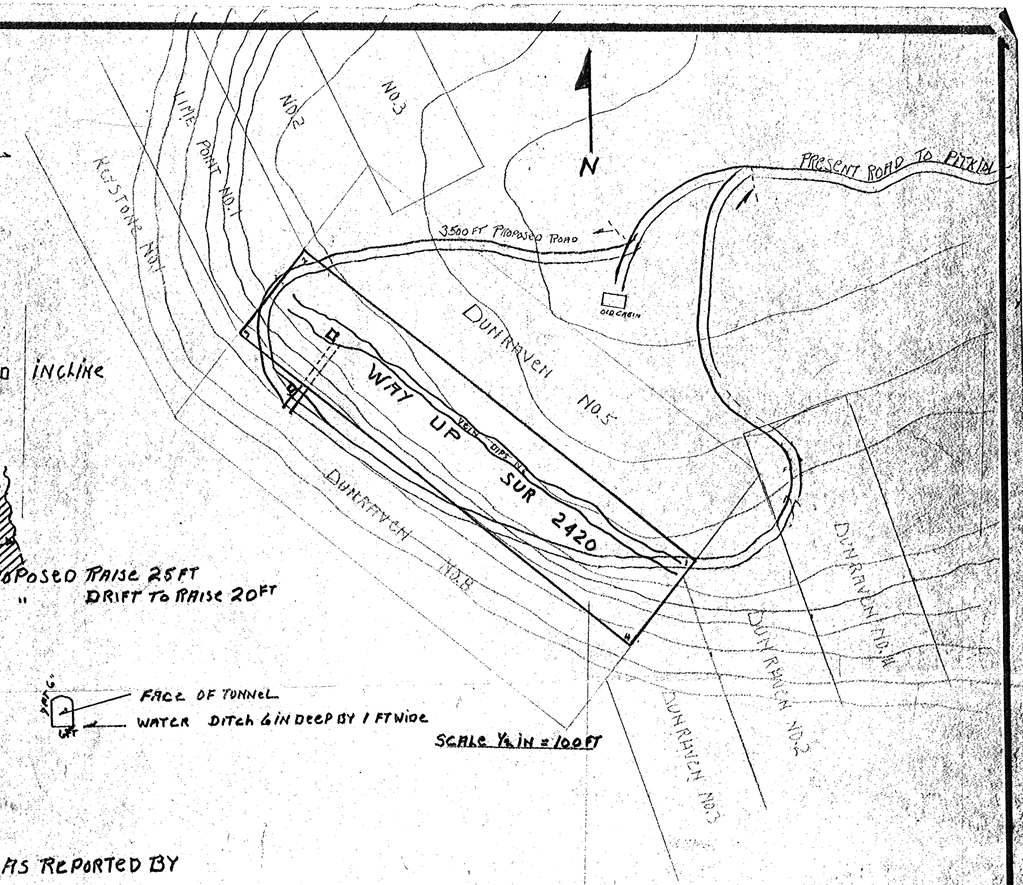


EXHIBIT J

"WAY UP" LODE SUR 2420	
LEASED BY Comanche MILLING CORP	
DRAWN BY	DATE 12-15-1967
SECTIONAL SCALE 1" = 20FT	PLAT SCALE 1/8 IN = 100FT
CONTOUR INTERVALS 50 FT	NO. 303

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