AGREEMENT OF LEASE AND OPTION.

THIS AGREEMENT OF LEASE AND OPTION made and entered into this 5th day of August, A. D. 1951, by and between the WALTER L. MINING COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Nevada, party of the first part, hereinafter called the Mining Company, and WOODVILLE J. WALKER, a resident of the City of Leadville, State of Colorado, party of the second part, hereinafter called Walker,

WITNESSETH:

WHEREAS the Mining Company is the sole owner of the mining property, known as the "Ward Mine", situated in the Ward Mining District, White Pine County, State of Nevada, and comprising the following patented mining claims, mill sites and parcels of real estate:

Patented Lode Mining Claims.

U.S.Surv. Number.	Name.	U.S.Surv. Number.	Name
37	Paymaster	3709	Defiance No. 2
38	Young America	"	Denver
39	Defiance	"	Extension
40	Mammoth	"	Hill Top
41	Caroline	"	Independence
42	Mountain Pride	"	Iowa
52	Plieades	"	Iron Clad
61	Merrill	"	Lucky Gus
62	Ward & Henry	"	May Day
63	Juno	"	M. M. & S.
3702	Axtill	"	Napoleon
"	Nevada	"	Plieades Extension
"	Ouray	"	Pueblo
"	Portland	"	Ruth
"	Spring	"	Ruth No. 2
		"	Side Line
		"	Silver King
		"	Smuggler
		"	Syndicate
		"	Welcome Stranger

Patented Millsites.

U.S.Surv. Number.	Name.
47	Paymaster Millsite
48	Young America Millsite
49	Defiance Millsite
50	Caroline Millsite
55	Mountain Pride Millsite
56	Mammoth Millsite

Willow Creek Ranch

T. 14 N., R. 63 E., MDM.
Section 35: NW¼ of NW¼
E½ of NW¼
NE¼
Section 36: NE¼ of NE¼
W½ of NE¼
NW¼

T. 14 N., R. 64 E., MDM.
Section 29: S½ of SW¼
Section 30: S½ of SW¼
S½ of SE¼

Mill Site

(In Steptoe Valley, about one mile east of the Ward Line)

T. 14 N., R. 63 E., MDM.
Section 13: S½ of SW¼
Section 14: SE¼ of SE¼
Section 23: NE¼ of NE¼
Section 24: NW¼ of NW¼

Miscellaneous.

(In Steptoe Valley, about four miles south of the Ward Line)

T. 13 N., R. 63 E., MDM.
Section 10: N½ of NW¼
N½ of NE¼
SW¼ of NW¼
Section 11: NW¼ of NW¼
Section 12: SW¼ of NW¼

AND WHEREAS Walker desires to obtain a lease and option on the above described property.

NOW, THEREFORE, in consideration of the sum of Ten Dollars ($10.00) paid by each party to the other, receipt whereof is hereby acknowledged and of the mutual covenants and agreements hereinafter set forth, by each party to be kept and performed, the two parties hereto do hereby covenant and agree as follows:

1. The Mining Company hereby leases to Walker all of the above described property known as the Ward Mine, from the date of this agreement to and including December 31, 1956, under the following terms and conditions.

2. Walker agrees to enter upon the aforesaid mining property as soon as possible, and in any event not later than May 1, 1952, and thereafter to work said property diligently and continuously, and to expend the following sums beneficially upon the said property:

Not	less	than	$10,000	during	the	calendar	year	A.D.1952.
"	"	"	25,000	"	"	"	"	1953
"	"	"	25,000	"	"	"	"	1954
"	"	"	25,000	"	"	"	"	1955
"	"	"	25,000	"	"	"	"	1956

Any excess of expenditures of this nature over and above the minimum sum stipulated for any calendar year may be applied on any subsequent year, at the option of Walker. By the expression "sums beneficially expended upon the property" is meant and included all costs of road contruction and maintenance serving the property, all costs of permanent buildings erected and permanent equipment installed on the property, all mining costs for exploration, development and ore extraction on the property; and all costs of milling ore on the property.

3. Walker shall have the right to exploit, mine and remove any and all ore encountered in the property, to conduct any development and exploration work that he may desire, and to erect and operate a mill on the property for the treatment of the ore, during the life of this lease. Walker shall furnish, at his own expense, all labor and supplies necessary for the mining, milling and transportation of ore obtained from the property. Walker agrees to perform all mining work of whatever nature upon the property in good and workmanlike manner, conformable with the general custom and practise of the mining industry in the western states of the United States; to make all openings of standard size; to install and maintain timber where necessary; and to keep all workings, which are in use, in safe condition, thoroughly drained, and clear of obstructions.

4. Walker agrees to sell all ore mined or concentrates produced on the property to the custom mill, custom smelter, or other purchaser, paying the highest price therefor.

5. Before commencing operations on the property, Walker agrees to take out a liability and compensation insurance policy, covering all employees, with the State of Nevada, and to maintain such policy in good standing throughout the life of the lease. Walker agrees to conduct all operations in accordance with the laws and regulations of the United States and of the State of Nevada pertaining thereto, to pay promptly all unemployment insurance and old age benefit contributions, and to comply with the provisions of the National Labor Relations Act and regulations thereunder.

6. Walker agrees to post and to keep posted in a conspicuous

place on the property a notice to the effect that the property is under lease to Walker and that the Mining Company will not be responsible for any debts and obligations incurred by Walker.

7. Walker agrees to pay promptly all debts and obligations incurred by him in connection with his lease on the property, and at all times to keep the property free and clear of liens and attachments.

8. Walker shall pay promptly all taxes assessed against the property, or ore production therefrom, during the life of this lease; but where the lease covers only a fraction of a year, Walker shall be liable only for the same fraction of the total taxes assessed for such year.

9. Walker agrees to pay to the Mining Company, as royalty, one half of the net operating profits earned in each calendar year, such royalty to be payable to the Mining Company on or before the last day of January of the next succeeding year. Any net operating loss incurred in any calendar year, instead of a net operating profit, shall be wholly for the account of Walker and no part thereof shall be charged against the Mining Company; except that such net operating loss may be applied against any net operating profit earned in any succeeding year during the life of this lease, at the option of Walker. On or before the last day of January of the next succeeding year, Walker shall supply the Mining Company with a detailed profit and loss statement for the calendar year in question, accompanied by copies of all settlement sheets on ore or concentrates shipped to custom mills or smelters during such calendar year. Qualified agents or representatives of the Mining Company may inspect

the mine workings of the property, and the books, records and accounts of the operation, at any reasonable time.

10. Throughout the term of this lease, Walker shall have the exclusive option to purchase the property for the sum of $250,000. Royalties paid by Walker to the Mining Company during the term of this lease shall apply on the purchase price, and only the difference between the sum of $250,000 and the sum of the royalties previously paid shall be the amount payable on or before the last day of the lease, should Walker choose to exercise this option.

11. Walker may sublease any part of the property, provided the sublessee is obligated to conform with all the provisions of this agreement, applicable to such sublease.

12. This lease may be assigned to any responsible party, who shall agree to comply with its terms and conditions; but in each such assignment, the Mining Company shall be advised promptly of the name and address of such assignee.

13. Walker may surrender this lease at any time, upon having previously given the Mining Company thirty days notice of his intention to surrender the lease.

14. If Walker's operation of the lease should at any time be hampered, interrupted or prevented by fire, flood, strike, riot, act of God or of the public enemy, acts and regulations of the United States or of the State of Nevada, shortage of men and material during any period of national emergency, or unprofitably low metal prices (defined as an average price of less than 11¢ per lb. of lead and zinc), Walker shall be excused from compliance with the provisions of this lease (except as to payment of taxes), during

the term of such emergency, but after such emergency has passed, all the terms and provisions of the lease shall again become applicable.

15. Should Walker fail to comply with any of the provisions of this lease, the Mining Company may notify Walker in writing of such default or failure, and should Walker fail to remedy such default or failure within thirty days after receiving such notice, the Mining Company may declare the lease forfeited, subject to review by a court of competent jurisdiction if Walker so elects.

16. There shall be excluded from the coverage of this lease, during the remainder of the calendar year 1951, the ground previously leased to Christ Orphan, of Ely, Nevada, covering a part of the Pleiades vein; but such lease shall not be renewed to Christ Orphan after its termination on December 31, 1951, and thereafter the ground covered by such lease to Christ Orphan shall revert to and be included in the ground covered by the lease to Walker.

17. If, at or before the termination of the term of this lease, Walker shall have paid to the Mining Company, in royalties or otherwise, the sum of $50,000 or more, to apply against the purchase price of $250,000, then this lease, in all its terms and conditions, except as hereafter stated, shall be extended for a period of five years, to and including December 31, A.D. 1961. The only exceptions shall be that the amount payable on the purchase price shall be the difference between the sum of $250,000, and the sums previously paid up to and including Dec. 31, 1956, and that this difference shall be payable in royalties or otherwise on or before Dec. 31, 1961, should Walker elect to exercise this option. Also the minimum expenditure in beneficial work performed upon the

property shall not be less than $25,000 during each calendar year. In all other respects the terms and provisions of the lease shall remain unchanged.

18. Upon the termination of this lease, by expiration, cancellation or surrender, Walker shall have thirty days thereafter in which to remover any supplies or portable equipment he may have placed upon the property; but any buildings erected, fixed equipment, mine rails, pipe, etc, shall remain upon the property.

19. This lease and agreement, in all its terms and provisions, shall be binding upon and inure to the benefit of the parties hereto, their heirs, successors and assigns.

IN WITNESS WHEREOF, the Mining Company, by its duly authorized officials, has signed this lease and option, and attached its official seal, and Walker has signed this lease and option, the day and year first above written.

WALTER W. MINING COMPANY.

President.

Attest. Secretary.

WOODVILLE J. WALKER.

Woodville J. Walker

GRAY MINING COMPANY INCORPORATED AUGUST 25 1927 SEAL

RECORDED Aug. 20, 51 3:28 P.M. RECORDER OF EMMETT COUNTY, NEVADA. By Jack B. Geraghty Deputy

MSC
PC

AGREEMENT OF LEASE AND OPTION.

THIS AGREEMENT OF LEASE AND OPTION made and entered into this 3rd day of August, A. D. 1951, by and between the WALTER L. MINING COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Nevada, party of the first part, hereinafter called the Mining Company, and WOODVILLE J. WALKER, a resident of the City of Leadville, State of Colorado, party of the second part, hereinafter called Walker,

WITNESSETH:

WHEREAS the Mining Company is the sole owner of the mining property, known as the "Ward Mine", situated in the Ward Mining District, White Pine County, State of Nevada, and comprising the following patented mining claims, mill sites and parcels of real estate:

Patented Lode Mining Claims.

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38	Young America	"	Denver
39	Defiance	"	Extension
40	Mammoth	"	Hill Top
41	Caroline	"	Independence
42	Mountain Pride	"	Iowa
52	Plieades	"	Iron Clad
61	Merrill	"	Lucky Gus
62	Ward & Henry	"	May Day
63	Juno	"	M. M. & S.
3702	Axtill	"	Napoleon
"	Nevada	"	Plieades Extension
"	Ouray	"	Pueblo
"	Portland	"	Ruth
"	Spring	"	Ruth No. 2
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		"	Silver King
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W½ of NE¼
NW¼

T. 14 N., R. 64 E., MDM
Section 29: S½ of SW¼
Section 30: S½ of SW¼
S½ of SE¼

Mill Site

(In Steptoe Valley, about one mile east of the Ward Mine)

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Section 13: S½ of SW¼
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Miscellaneous.

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AND WHEREAS Walker desires to obtain a lease and option on the above described property.

NOW, THEREFORE, in consideration of the sum of Ten Dollars ($10.00) paid by each party to the other, receipt whereof is hereby acknowledged and of the mutual covenants and agreements hereinafter set forth, by each party to be kept and performed, the two parties hereto do hereby covenant and agree as follows:

1. The Mining Company hereby leases to Walker all of the above described property known as the Ward Mine, from the date of this agreement to and including December 31, 1956, under the following terms and conditions.

2. Walker agrees to enter upon the aforesaid mining property as soon as possible, and in any event not later than May 1, 1952, and thereafter to work said property diligently and continuously, and to expend the following sums beneficially upon the said property:

Not	less	than	$10,000	during	the	calendar	year	A.D.1952.
"	"	"	25,000	"	"	"	"	" 1953
"	"	"	25,000	"	"	"	"	" 1954
"	"	"	25,000	"	"	"	"	" 1955
"	"	"	25,000	"	"	"	"	" 1956

Any excess of expenditures of this nature over and above the minimum sum stipulated for any calendar year may be applied on any subsequent year, at the option of Walker. By the expression "sums beneficially expended upon the property" is meant and included all costs of road contruction and maintenance serving the property, all costs of permanent buildings erected and permanent equipment installed on the property, all mining costs for exploration, development and ore extraction on the property; and all costs of milling ore on the property.

3. Walker shall have the right to exploit, mine and remove any and all ore encountered in the property, to conduct any development and exploration work that he may desire, and to erect and operate a mill on the property for the treatment of the ore, during the life of this lease. Walker shall furnish, at his own expense, all labor and supplies necessary for the mining, milling and transportation of ore obtained from the property. Walker agrees to perform all mining work of whatever nature upon the property in good and workmanlike manner, conformable with the general custom and practise of the mining industry in the western states of the United States; to make all openings of standard size; to install and maintain timber where necessary; and to keep all workings, which are in use, in safe condition, thoroughly drained, and clear of obstructions.

4. Walker agrees to sell all ore mined or concentrates produced on the property to the custom mill, custom smelter, or other purchaser, paying the highest price therefor.

5. Before commencing operations on the property, Walker agrees to take out a liability and compensation insurance policy, covering all employees, with the State of Nevada, and to maintain such policy in good standing throughout the life of the lease. Walker agrees to conduct all operations in accordance with the laws and regulations of the United States and of the State of Nevada pertaining thereto, to pay promptly all unemployment insurance and old age benefit contributions, and to comply with the provisions of the National Labor Relations Act and regulations thereunder.

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14. If Walker's operation of the lease should at any time be hampered, interrupted or prevented by fire, flood, strike, riot, act of God or of the public enemy, acts and regulations of the United States or of the State of Nevada, shortage of men and material during any period of national emergency, or unprofitably low metal prices (defined as an average price of less than 11¢ per lb. of lead and zinc), Walker shall be excused from compliance with the provisions of this lease (except as to payment of taxes), during

the term of such emergency, but after such emergency has passed, all the terms and provisions of the lease shall again become applicable.

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property shall not be less than $25,000 during each calendar year. In all other respects the terms and provisions of the lease shall remain unchanged.

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19. This lease and agreement, in all its terms and provisions, shall be binding upon and inure to the benefit of the parties hereto, their heirs, successors and assigns.

IN WITNESS WHEREOF, the Mining Company, by its duly authorized officials, has signed this lease and option, and attached its official seal, and Walker has signed this lease and option, the day and year first above written.

WALTER W. MINING COMPANY.

President.

Attest. Secretary.

WOODVILLE J. WALKER.

Woodville J. Walker

Recorded Aug. 20, 51 3:28 P.M.
D. L. Shaver By Jack B. Geraghty
RECORDER OF WHITE PINE COUNTY, NEVADA. Deputy
MSC
PC

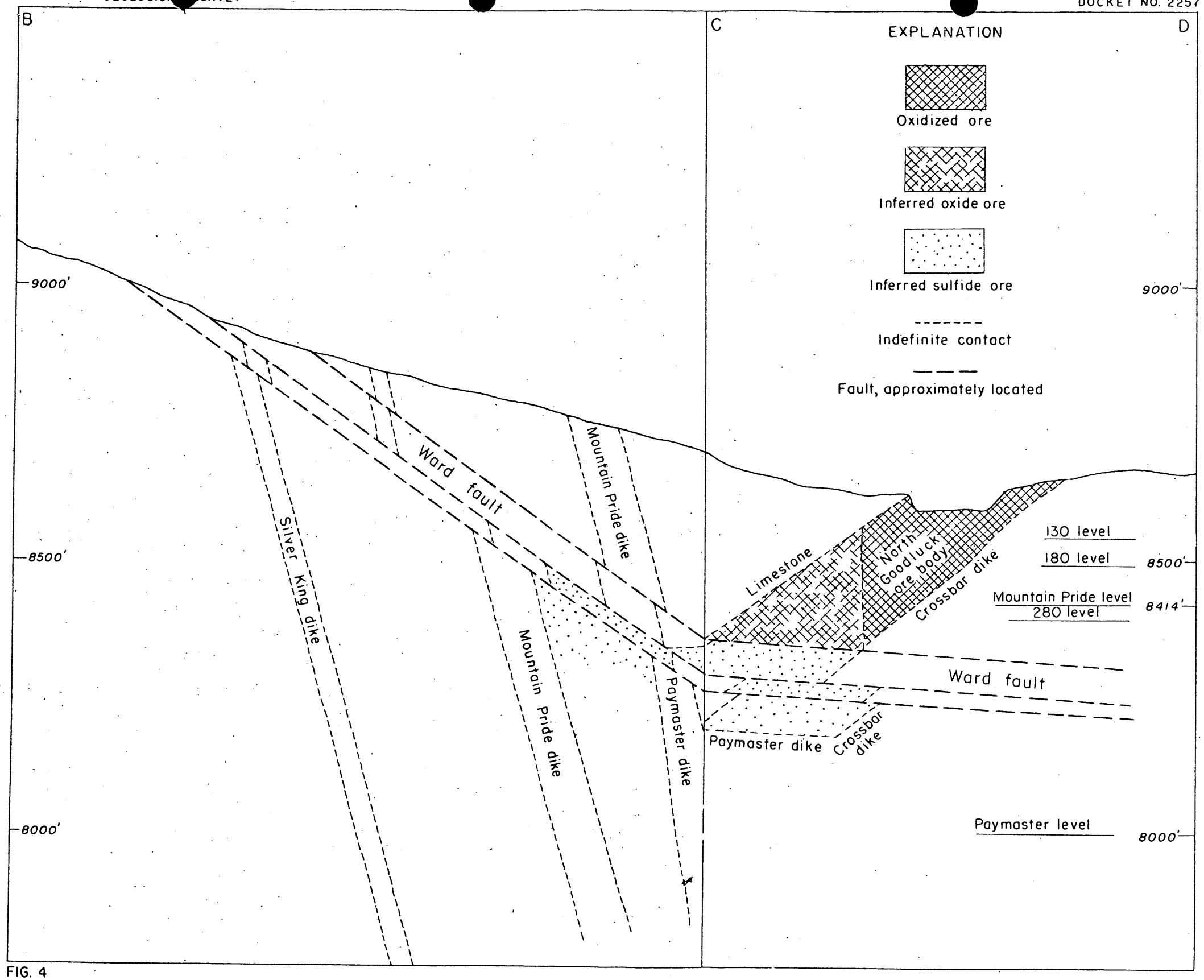


FIG. 4

SECTION ALONG LINE B–C–D

WARD MINE, WHITE PINE COUNTY, NEVADA

200 0 200 400 FEET

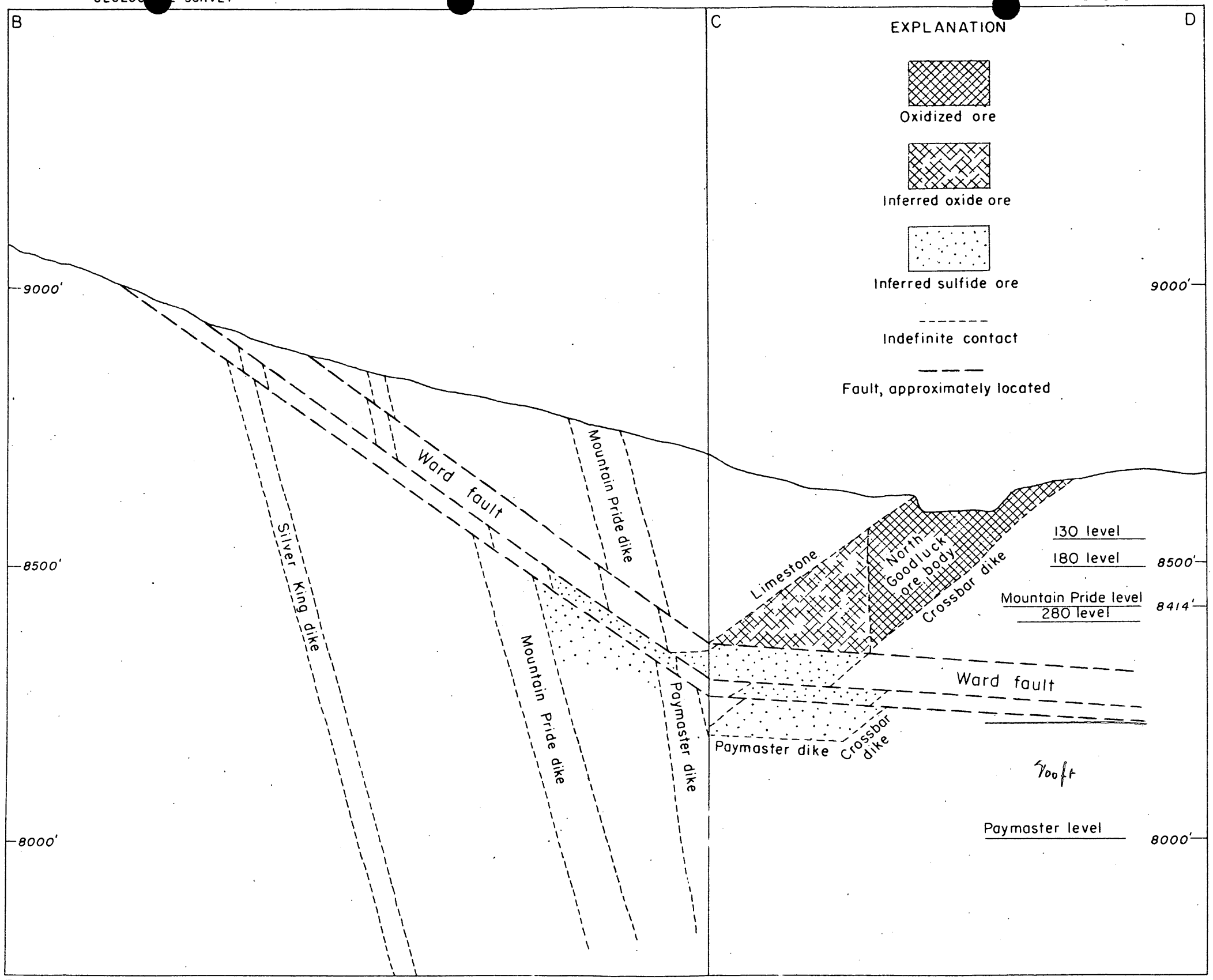
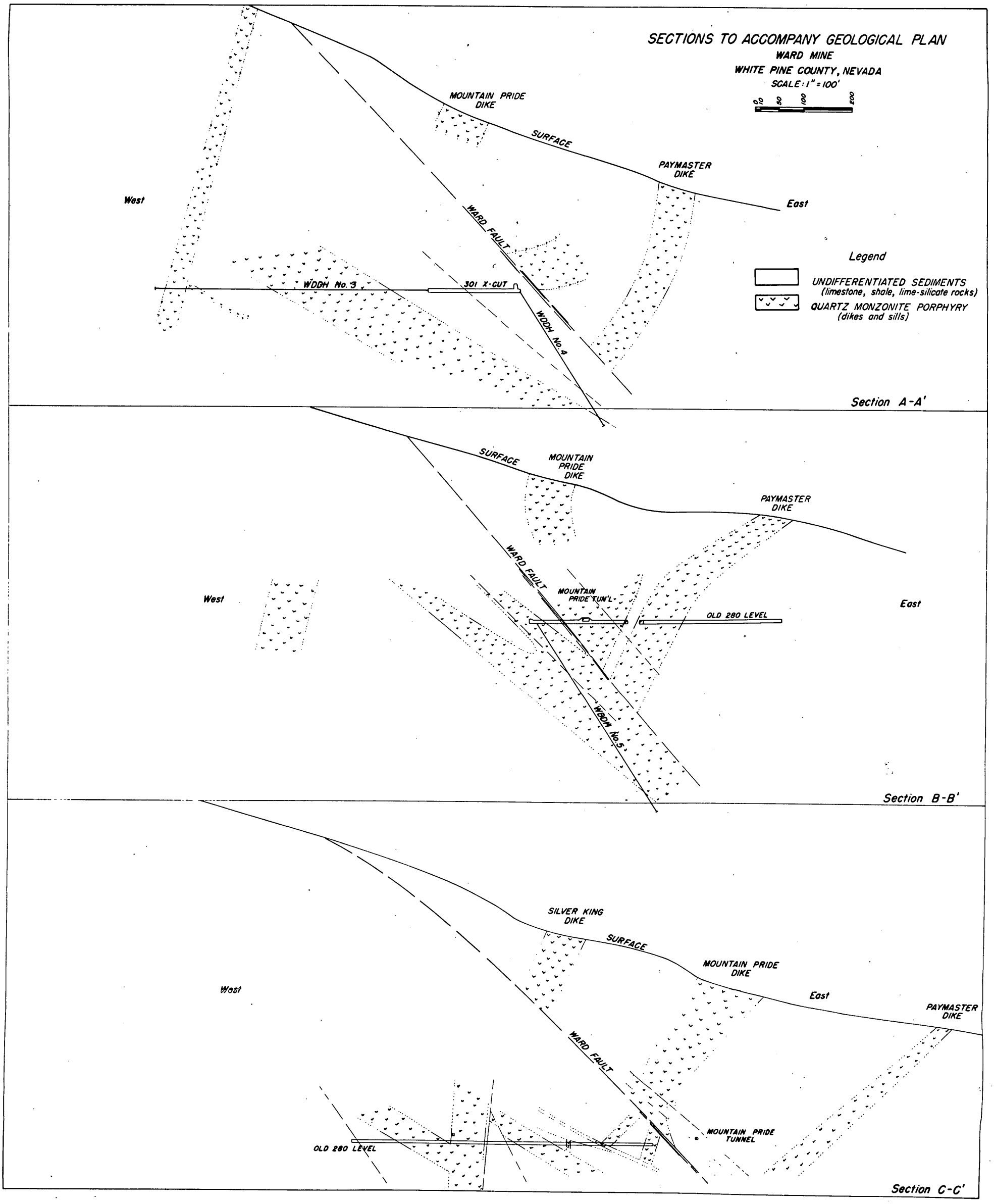


FIG. 4

SECTION ALONG LINE B–C–D

WARD MINE, WHITE PINE COUNTY, NEVADA

200 0 200 400 FEET


SECTIONS TO ACCOMPANY GEOLOGICAL PLAN
WARD MINE
WHITE PINE COUNTY, NEVADA
SCALE: 1" = 100'
0 10 50 100 200
MOUNTAIN PRIDE DIKE
SURFACE
PAYMASTER DIKE
West
East
WARD FAULT
WDDH No. 3
301 X-CUT
WDDH No. 4
Legend
UNDIFFERENTIATED SEDIMENTS (limestone, shale, lime-silicate rocks)
QUARTZ MONZONITE PORPHYRY (dikes and sills)
Section A-A'
SURFACE
MOUNTAIN PRIDE DIKE
PAYMASTER DIKE
WARD FAULT
MOUNTAIN PRIDE TUN'L
OLD 280 LEVEL
West
East
WDDH No. 5
Section B-B'
SILVER KING DIKE
SURFACE
MOUNTAIN PRIDE DIKE
West
East
PAYMASTER DIKE
WARD FAULT
MOUNTAIN PRIDE TUNNEL
OLD 280 LEVEL
Section C-C'

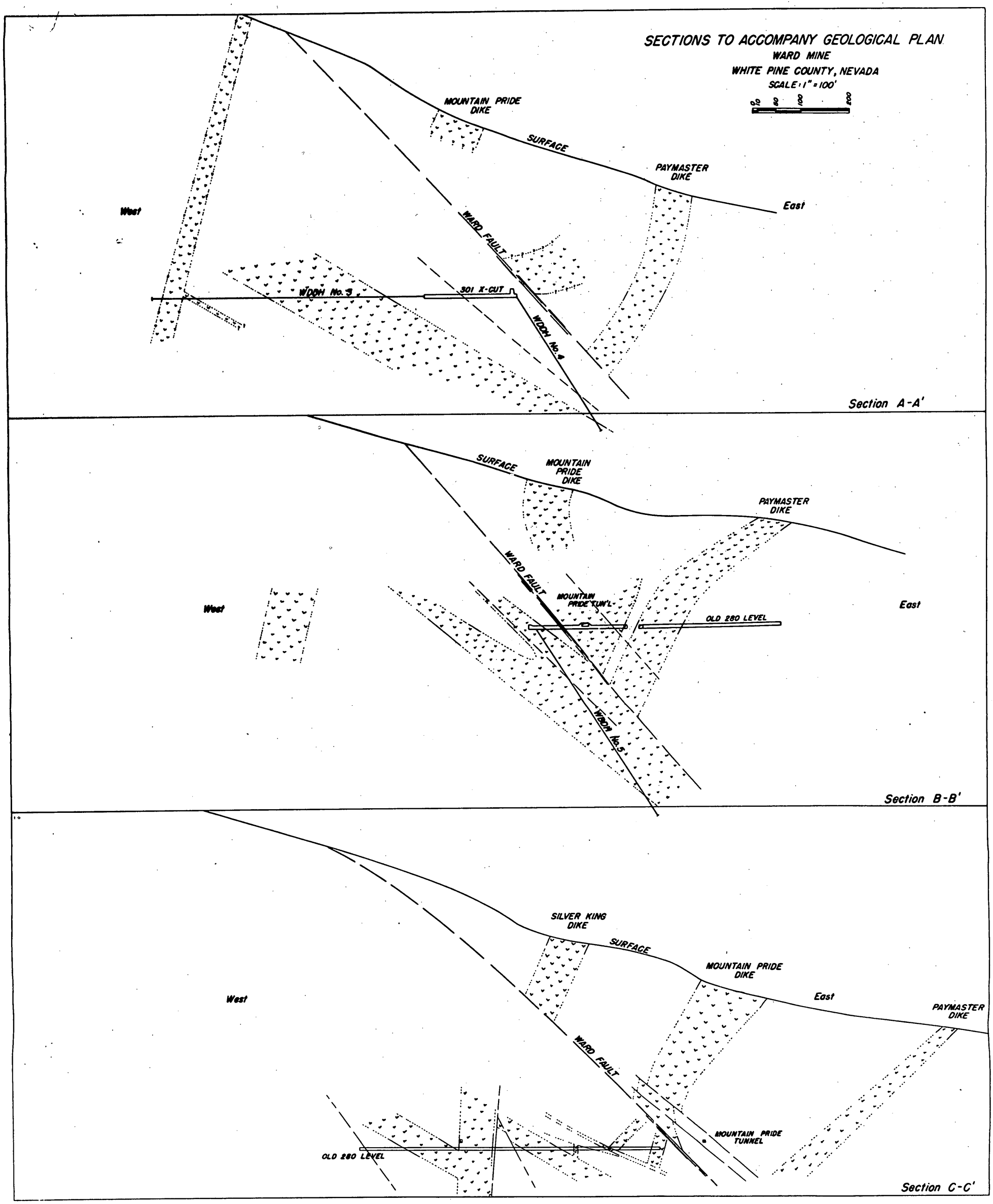
SECTIONS TO ACCOMPANY GEOLOGICAL PLAN

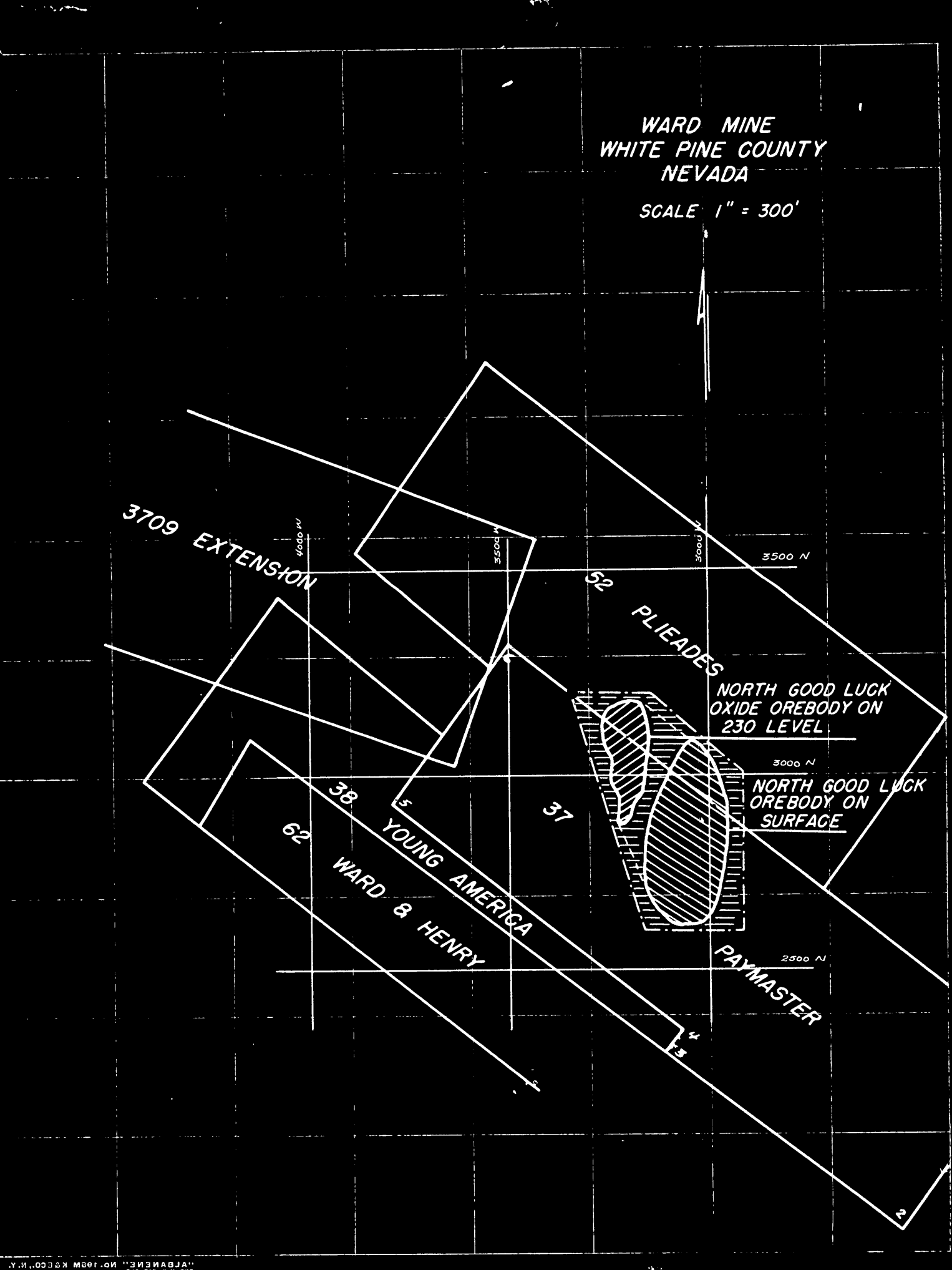
WARD MINE

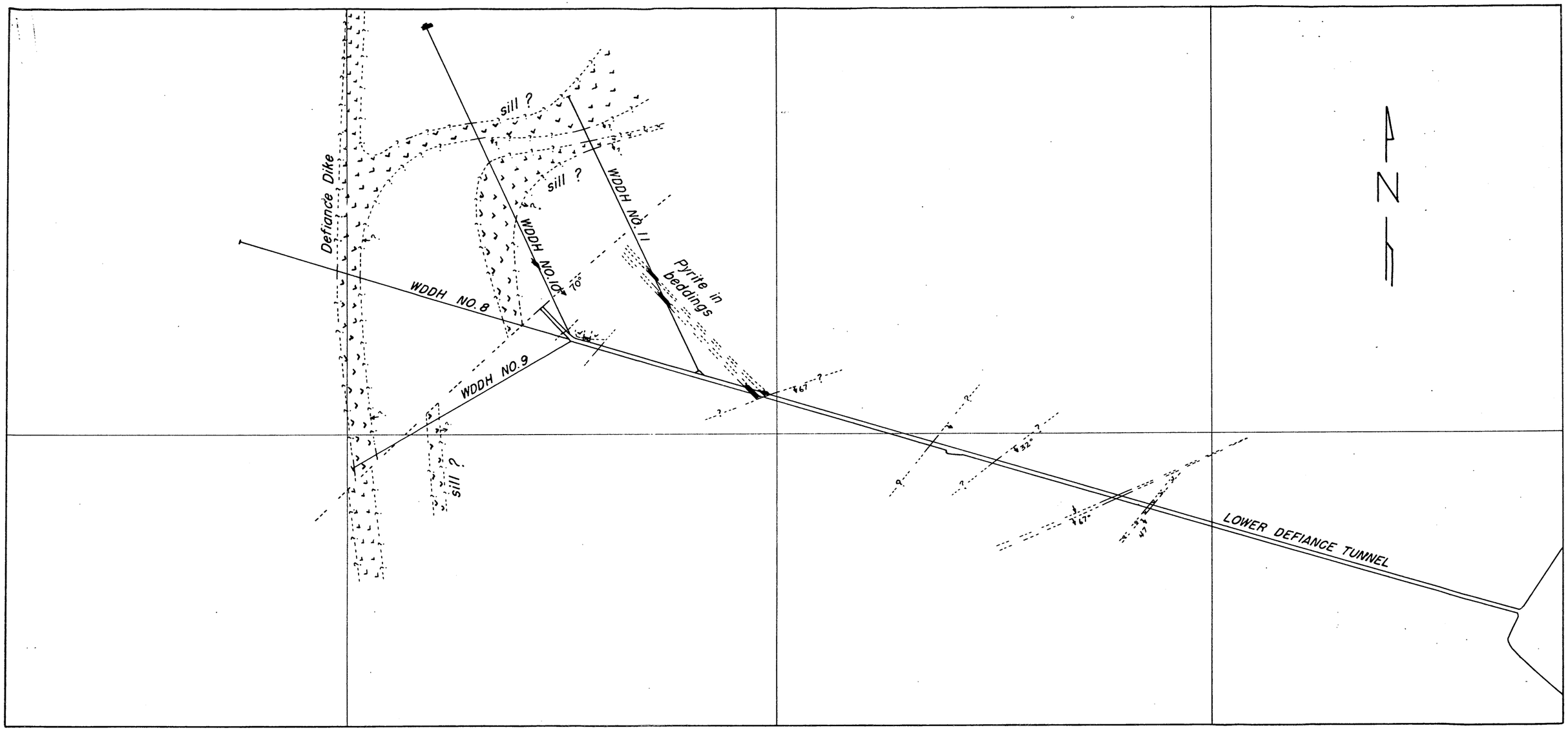
WHITE PINE COUNTY, NEVADA

SCALE: 1" = 100'

0 50 100 200




WARD MINE
WHITE PINE COUNTY
NEVADA
SCALE 1" = 300'
3709 EXTENSION
4000 W
3500 W
3000 W
3500 N
52
PLIEADES
NORTH GOOD LUCK
OXIDE OREBODY ON
230 LEVEL
3000 N
NORTH GOOD LUCK
OREBODY ON
SURFACE
38
37
62
5
YOUNG AMERICA
WARD & HENRY
2500 N
PAYMASTER
4
3
2



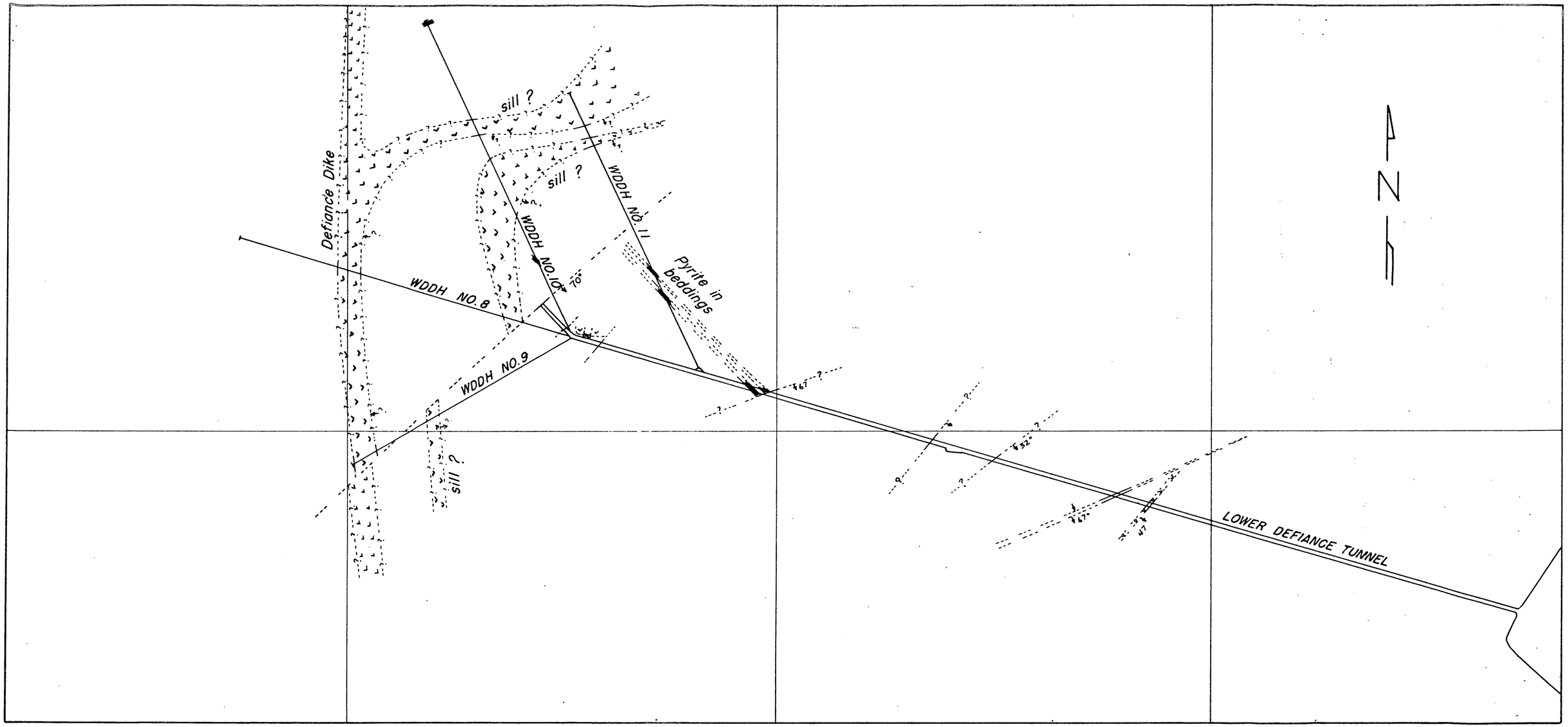
WARD MINE

WHITE PINE COUNTY, NEVADA

GEOLOGICAL PLAN OF DEFIANCE TUNNEL LEVEL

0 50 100 200

SCALE 1" = 100'



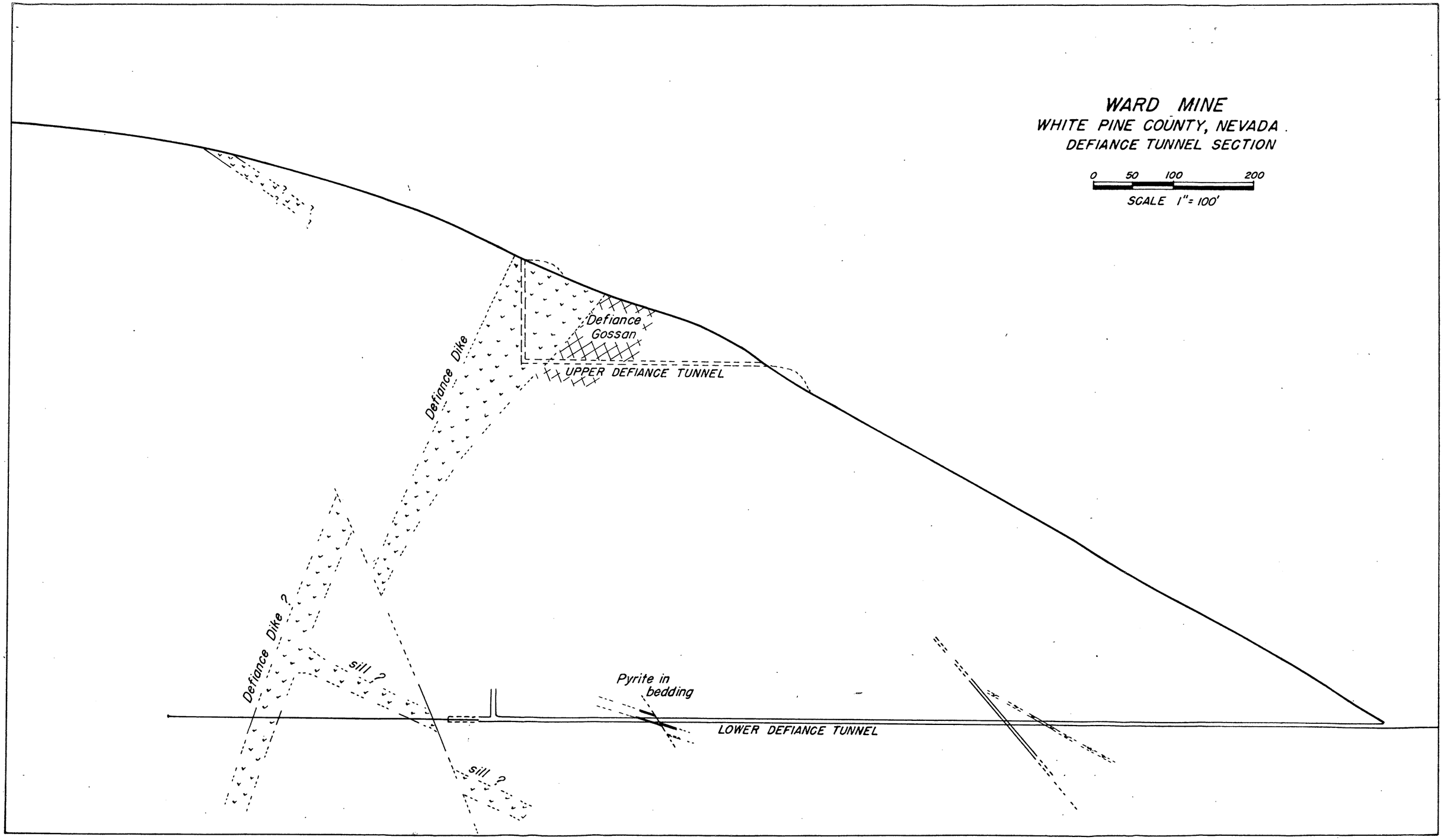
WARD MINE

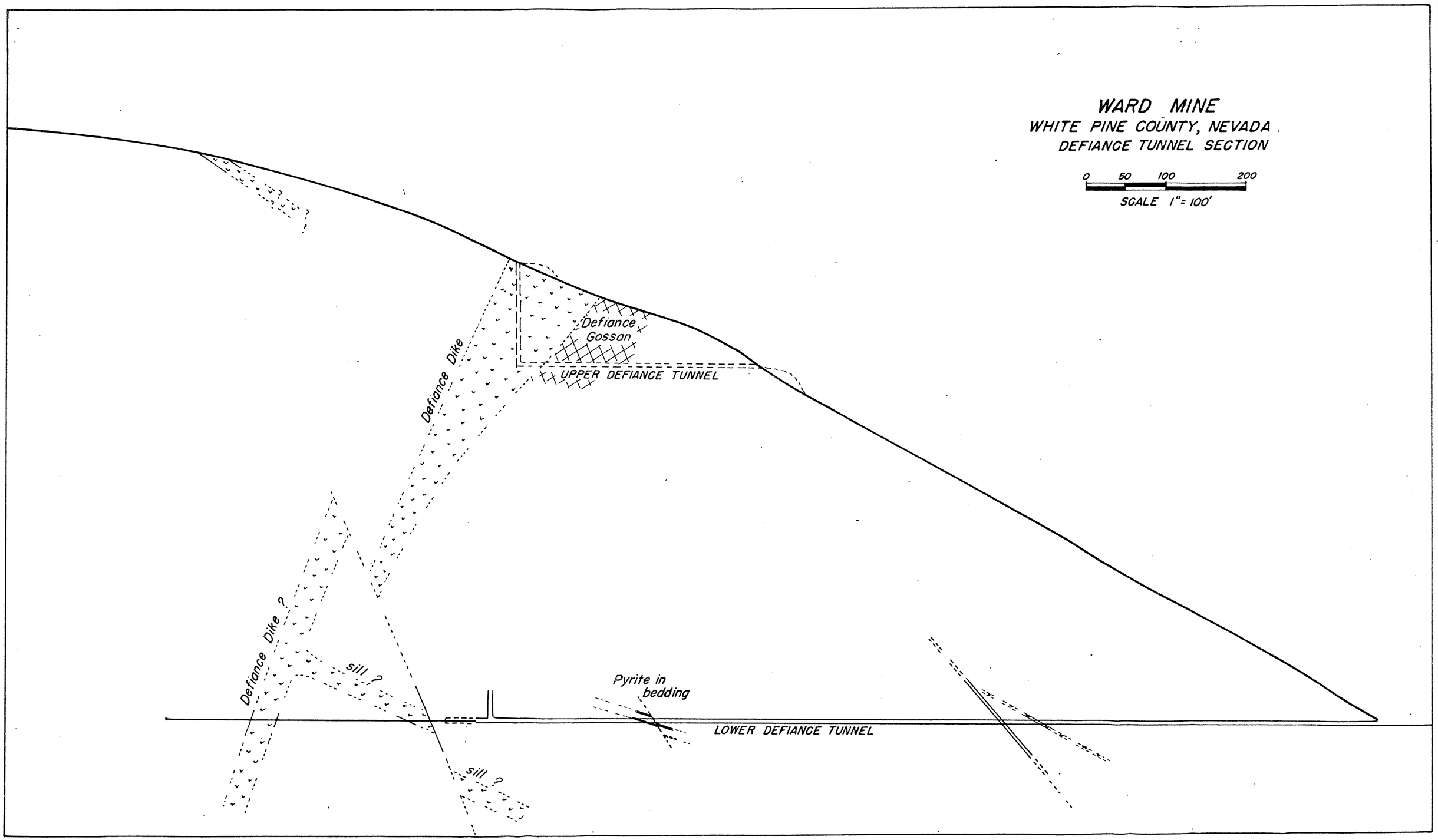
WHITE PINE COUNTY, NEVADA

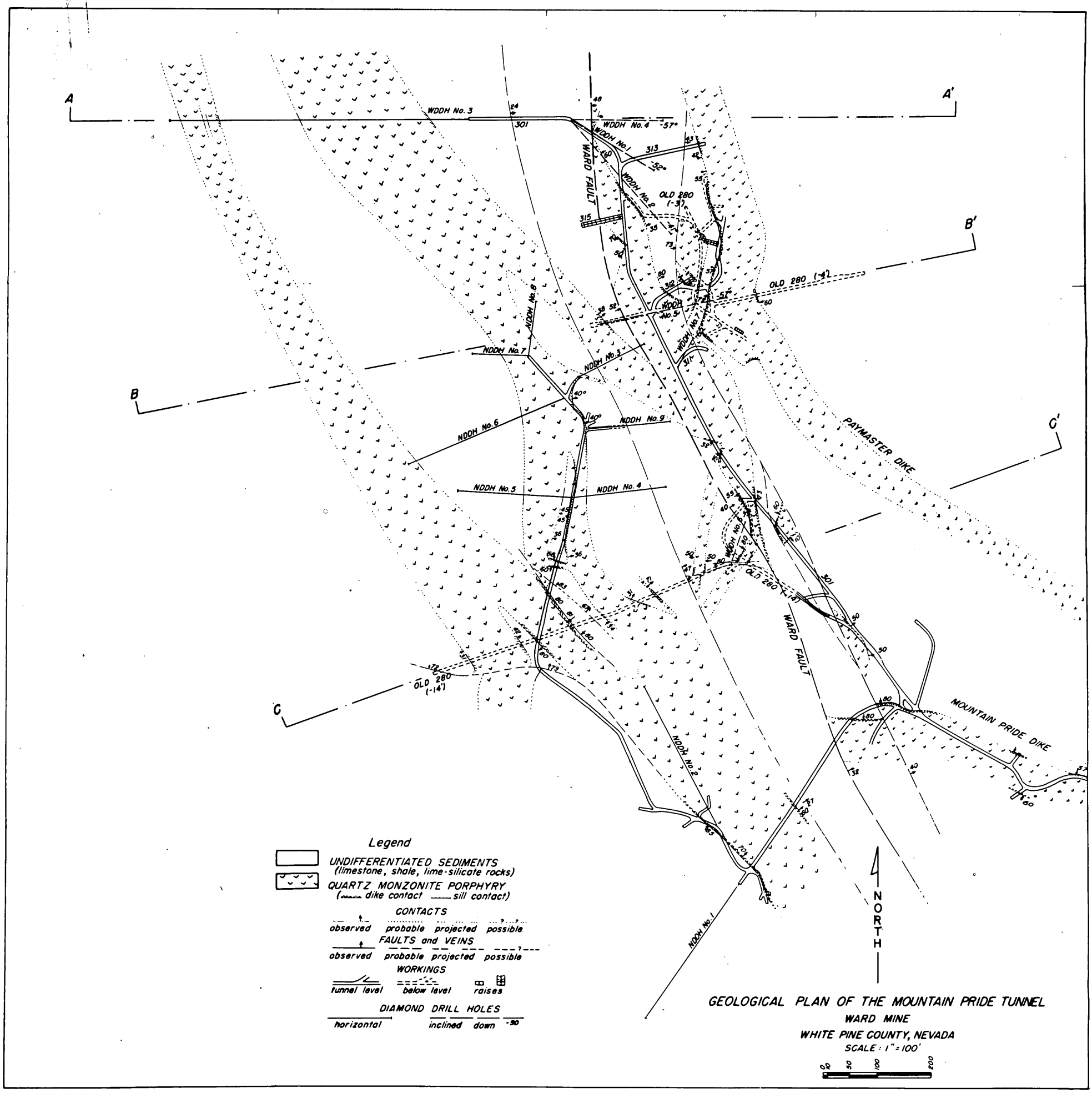
GEOLOGICAL PLAN OF DEFIANCE TUNNEL LEVEL

0 50 100 200

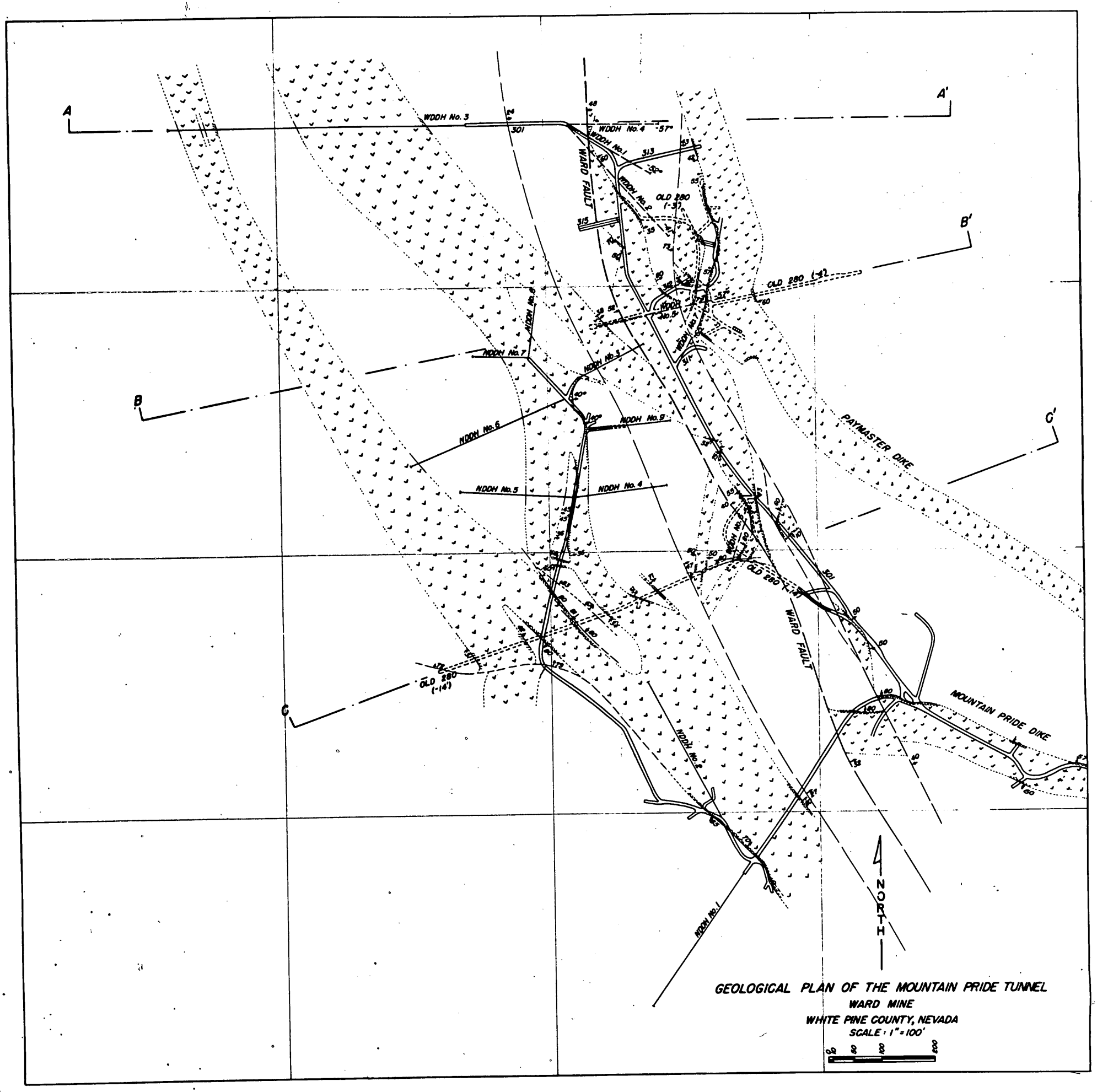
SCALE 1" = 100'


WARD MINE
WHITE PINE COUNTY, NEVADA.
DEFIANCE TUNNEL SECTION
0 50 100 200
SCALE 1" = 100'
Defiance Gossan
UPPER DEFIANCE TUNNEL
Defiance Dike
Defiance Dike ?
sill ?
sill ?
Pyrite in bedding
LOWER DEFIANCE TUNNEL


WARD MINE
WHITE PINE COUNTY, NEVADA
DEFIANCE TUNNEL SECTION
0 50 100 200
SCALE 1" = 100'
Defiance Gossan
UPPER DEFIANCE TUNNEL
Defiance Dike
Defiance Dike ?
sill ?
sill ?
Pyrite in bedding
LOWER DEFIANCE TUNNEL



GEOLOGICAL PLAN OF THE MOUNTAIN PRIDE TUNNEL
WARD MINE
WHITE PINE COUNTY, NEVADA
SCALE: 1" = 100'


A
A'
B
B'
C
C'
WDDH No. 3
WDDH No. 4
WDDH No. 1
WDDH No. 2
WDDH No. 5
WDDH No. 7
WARD FAULT
OLD 280 (-37)
OLD 280 (-42)
OLD 280 (-14')
NDDH No. 8
NDDH No. 7
NDDH No. 3
NDDH No. 6
NDDH No. 9
NDDH No. 5
NDDH No. 4
NDDH No. 2
NDDH No. 1
PAYMASTER DIKE
MOUNTAIN PRIDE DIKE
NORTH
GEOLOGICAL PLAN OF THE MOUNTAIN PRIDE TUNNEL
WARD MINE
WHITE PINE COUNTY, NEVADA
SCALE: 1" = 100'
0 50 100 200

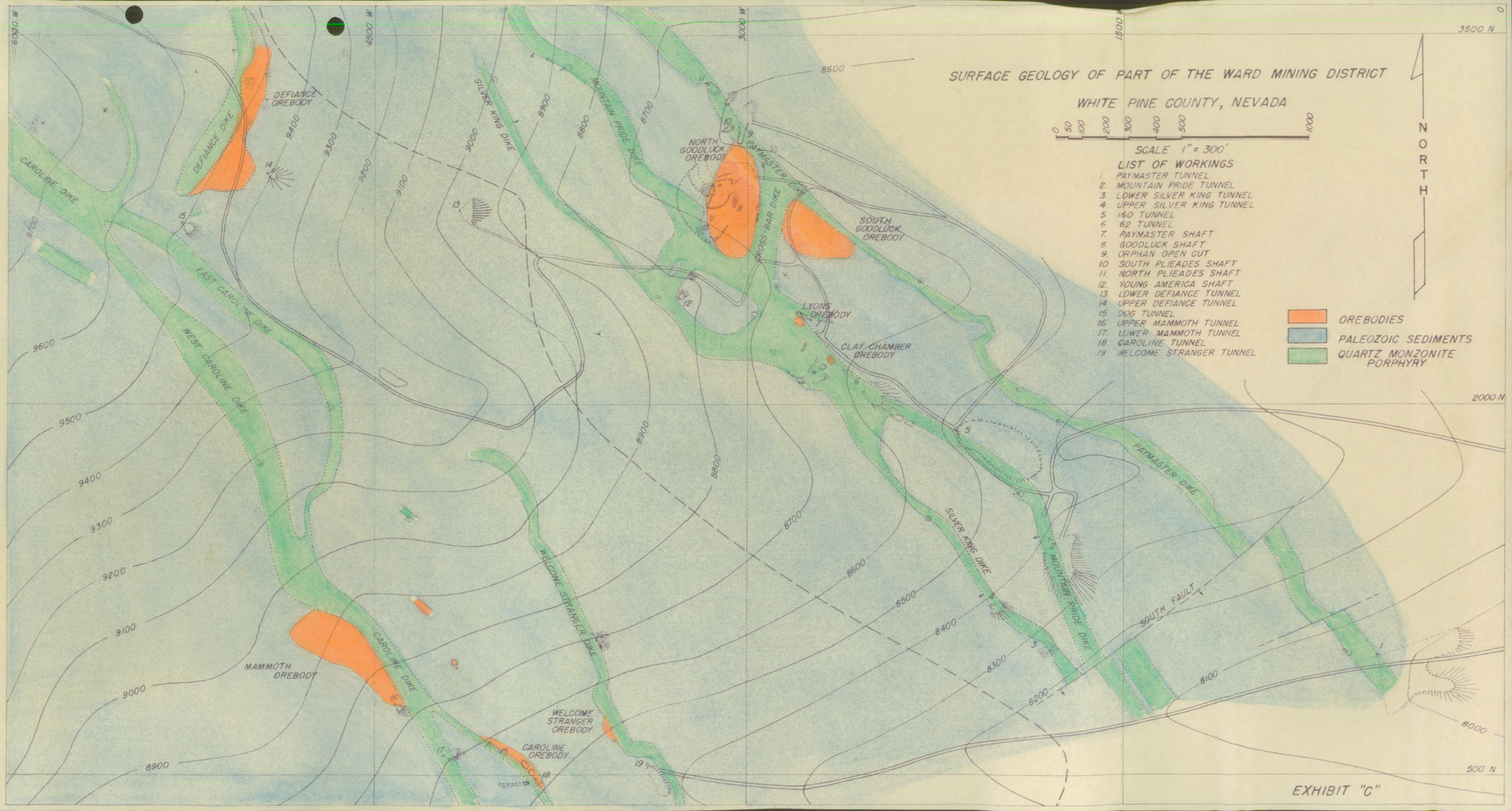
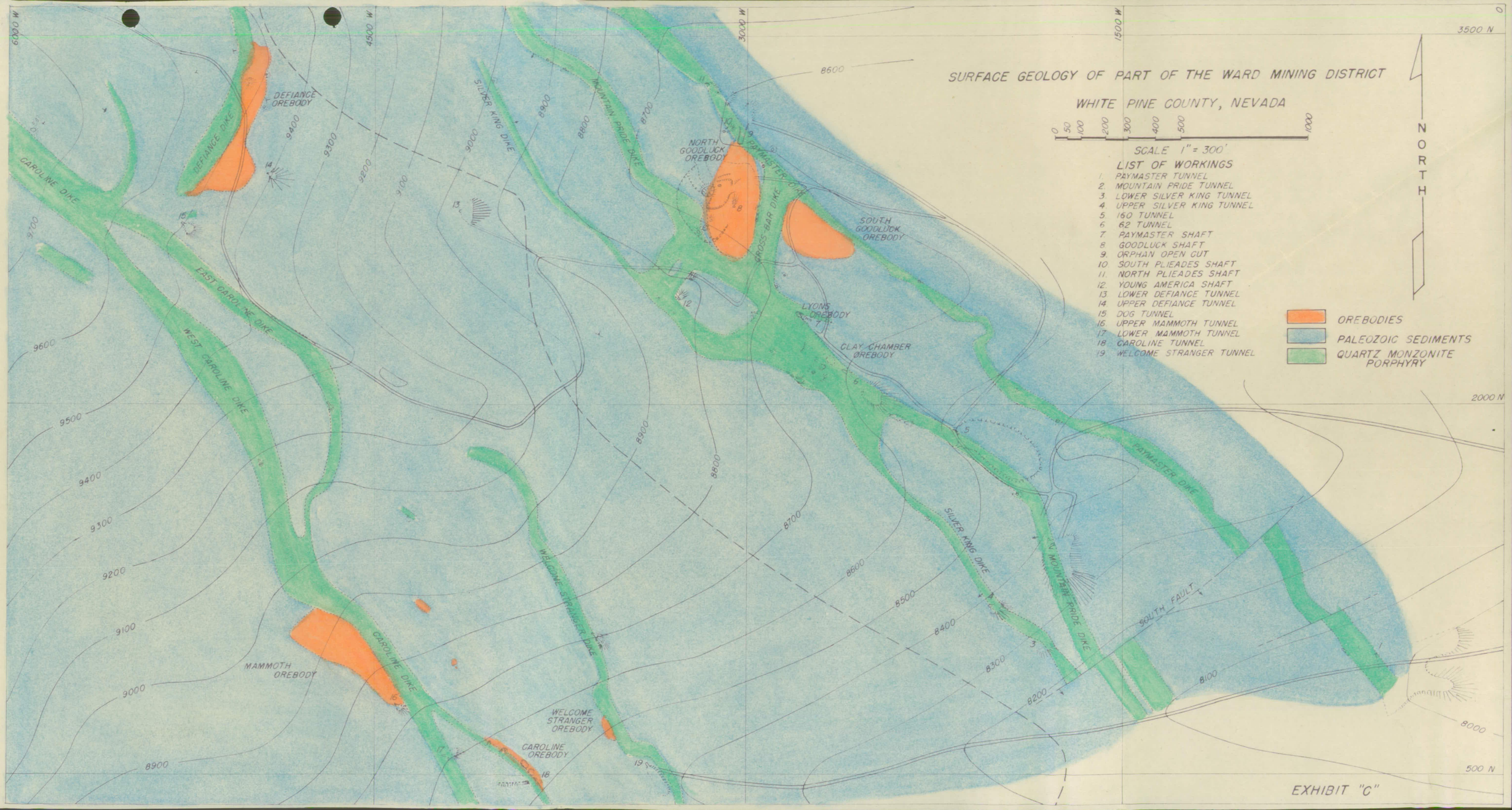

SURFACE GEOLOGY OF PART OF THE WARD MINING DISTRICT
WHITE PINE COUNTY, NEVADA
0 50 100 200 300 400 500 1000
SCALE 1" = 300'
LIST OF WORKINGS
1. PAYMASTER TUNNEL
2. MOUNTAIN PRIDE TUNNEL
3. LOWER SILVER KING TUNNEL
4. UPPER SILVER KING TUNNEL
5. 160 TUNNEL
6. 62 TUNNEL
7. PAYMASTER SHAFT
8. GOODLUCK SHAFT
9. ORPHAN OPEN CUT
10. SOUTH PLIEADES SHAFT
11. NORTH PLIEADES SHAFT
12. YOUNG AMERICA SHAFT
13. LOWER DEFIANCE TUNNEL
14. UPPER DEFIANCE TUNNEL
15. DOG TUNNEL
16. UPPER MAMMOTH TUNNEL
17. LOWER MAMMOTH TUNNEL
18. CAROLINE TUNNEL
19. WELCOME STRANGER TUNNEL
OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
NORTH
6000 W
4500 W
3000 W
1500 W
0
3500 N
2000 N
500 N
DEFIANCE OREBODY
DEFIANCE DIKE
CAROLINE DIKE
EAST CAROLINE DIKE
WEST CAROLINE DIKE
SILVER KING DIKE
MOUNTAIN PRIDE DIKE
NORTH GOODLUCK OREBODY
PAYMASTER DIKE
CROSS BAR DIKE
SOUTH GOODLUCK OREBODY
LYONS OREBODY
CLAY CHAMBER OREBODY
WELCOME STRANGER DIKE
MAMMOTH OREBODY
WELCOME STRANGER OREBODY
CAROLINE OREBODY
SOUTH FAULT
9700
9600
9500
9400
9300
9200
9100
9000
8900
8800
8700
8600
8500
8400
8300
8200
8100
8000

EXHIBIT "C"


SURFACE GEOLOGY OF PART OF THE WARD MINING DISTRICT
WHITE PINE COUNTY, NEVADA
SCALE 1" = 300'
0 50 100 200 300 400 500 1000
NORTH
LIST OF WORKINGS
1. PAYMASTER TUNNEL
2. MOUNTAIN PRIDE TUNNEL
3. LOWER SILVER KING TUNNEL
4. UPPER SILVER KING TUNNEL
5. 160 TUNNEL
6. 62 TUNNEL
7. PAYMASTER SHAFT
8. GOODLUCK SHAFT
9. ORPHAN OPEN CUT
10. SOUTH PLIEADES SHAFT
11. NORTH PLIEADES SHAFT
12. YOUNG AMERICA SHAFT
13. LOWER DEFIANCE TUNNEL
14. UPPER DEFIANCE TUNNEL
15. DOG TUNNEL
16. UPPER MAMMOTH TUNNEL
17. LOWER MAMMOTH TUNNEL
18. CAROLINE TUNNEL
19. WELCOME STRANGER TUNNEL
OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
DEFIANCE OREBODY
DEFIANCE DIKE
CAROLINE DIKE
EAST CAROLINE DIKE
WEST CAROLINE DIKE
SILVER KING DIKE
MOUNTAIN PRIDE DIKE
NORTH GOODLUCK OREBODY
PAYMASTER DIKE
CROSS BAR DIKE
SOUTH GOODLUCK OREBODY
LYONS OREBODY
CLAY CHAMBER OREBODY
WELCOME STRANGER DIKE
MAMMOTH OREBODY
WELCOME STRANGER OREBODY
CAROLINE OREBODY
SOUTH FAULT
6000 W
4500 W
3000 W
1500 W
0
3500 N
2000 N
500 N
8600
8900
9000
9100
9200
9300
9400
9500
9600
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8500
8400
8300
8200
8100
8000

EXHIBIT "C"

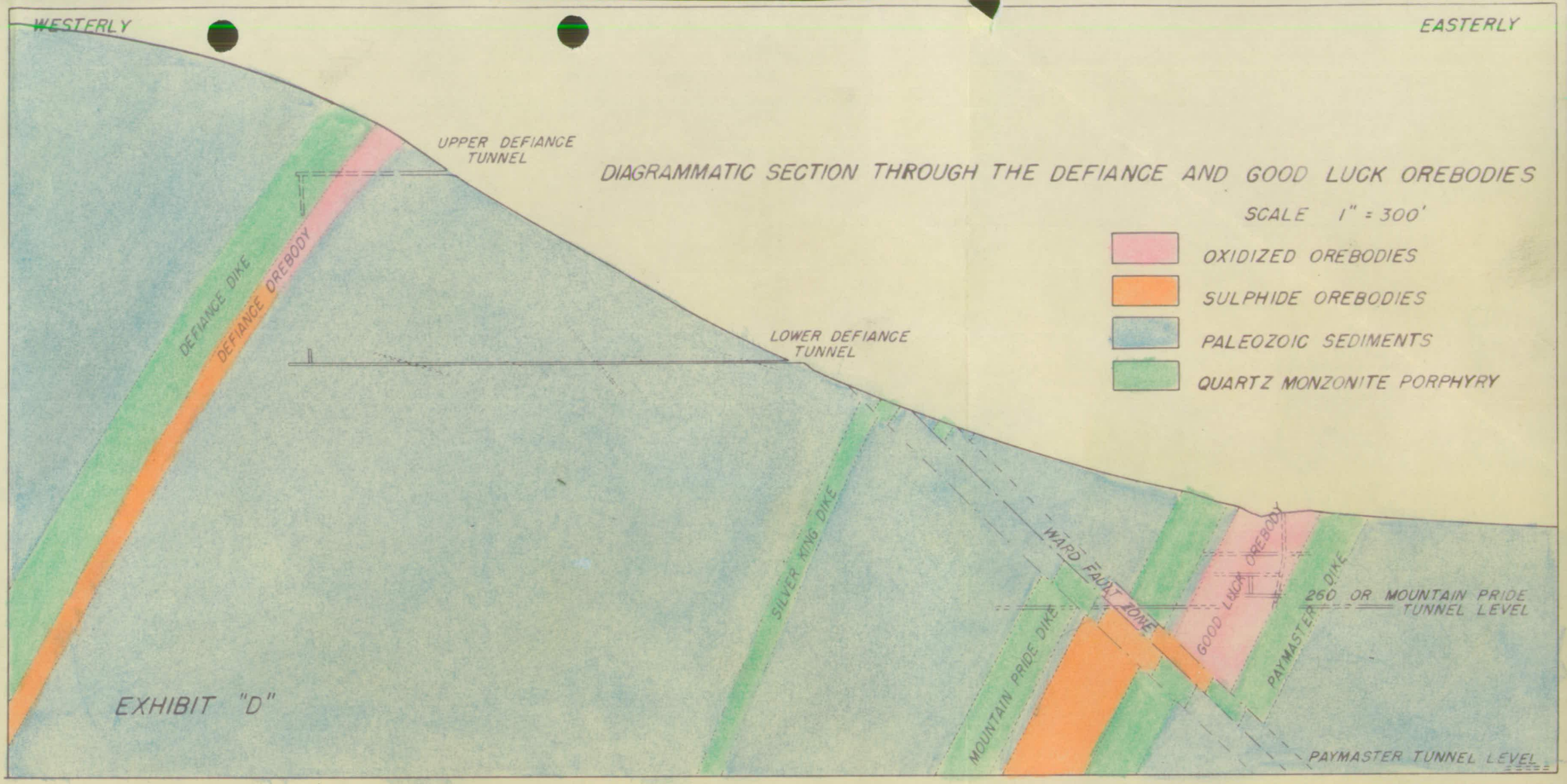
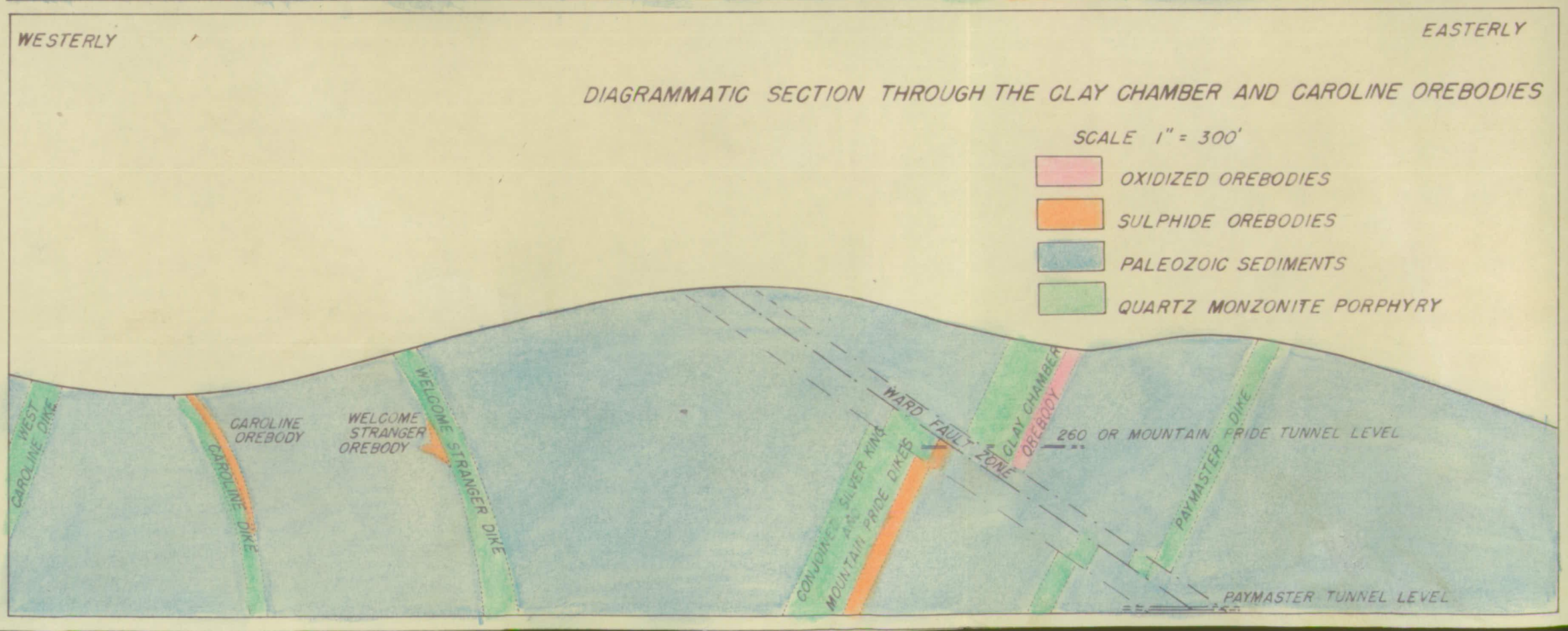

WESTERLY
EASTERLY
UPPER DEFIANCE TUNNEL
DIAGRAMMATIC SECTION THROUGH THE DEFIANCE AND GOOD LUCK OREBODIES
SCALE 1" = 300'
OXIDIZED OREBODIES
SULPHIDE OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
DEFIANCE DIKE
DEFIANCE OREBODY
LOWER DEFIANCE TUNNEL
SILVER KING DIKE
WARD FAULT ZONE
GOOD LUCK OREBODY
260 OR MOUNTAIN PRIDE TUNNEL LEVEL
MOUNTAIN PRIDE DIKE
PAYMASTER DIKE
PAYMASTER TUNNEL LEVEL

EXHIBIT "D"


WESTERLY
EASTERLY
DIAGRAMMATIC SECTION THROUGH THE CLAY CHAMBER AND CAROLINE OREBODIES
SCALE 1" = 300'
OXIDIZED OREBODIES
SULPHIDE OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
WEST CAROLINE DIKE
CAROLINE OREBODY
CAROLINE DIKE
WELCOME STRANGER OREBODY
WELCOME STRANGER DIKE
CONJOINED SILVER KING AND MOUNTAIN PRIDE DIKES
WARD FAULT ZONE
CLAY CHAMBER OREBODY
260 OR MOUNTAIN PRIDE TUNNEL LEVEL
PAYMASTER DIKE
PAYMASTER TUNNEL LEVEL

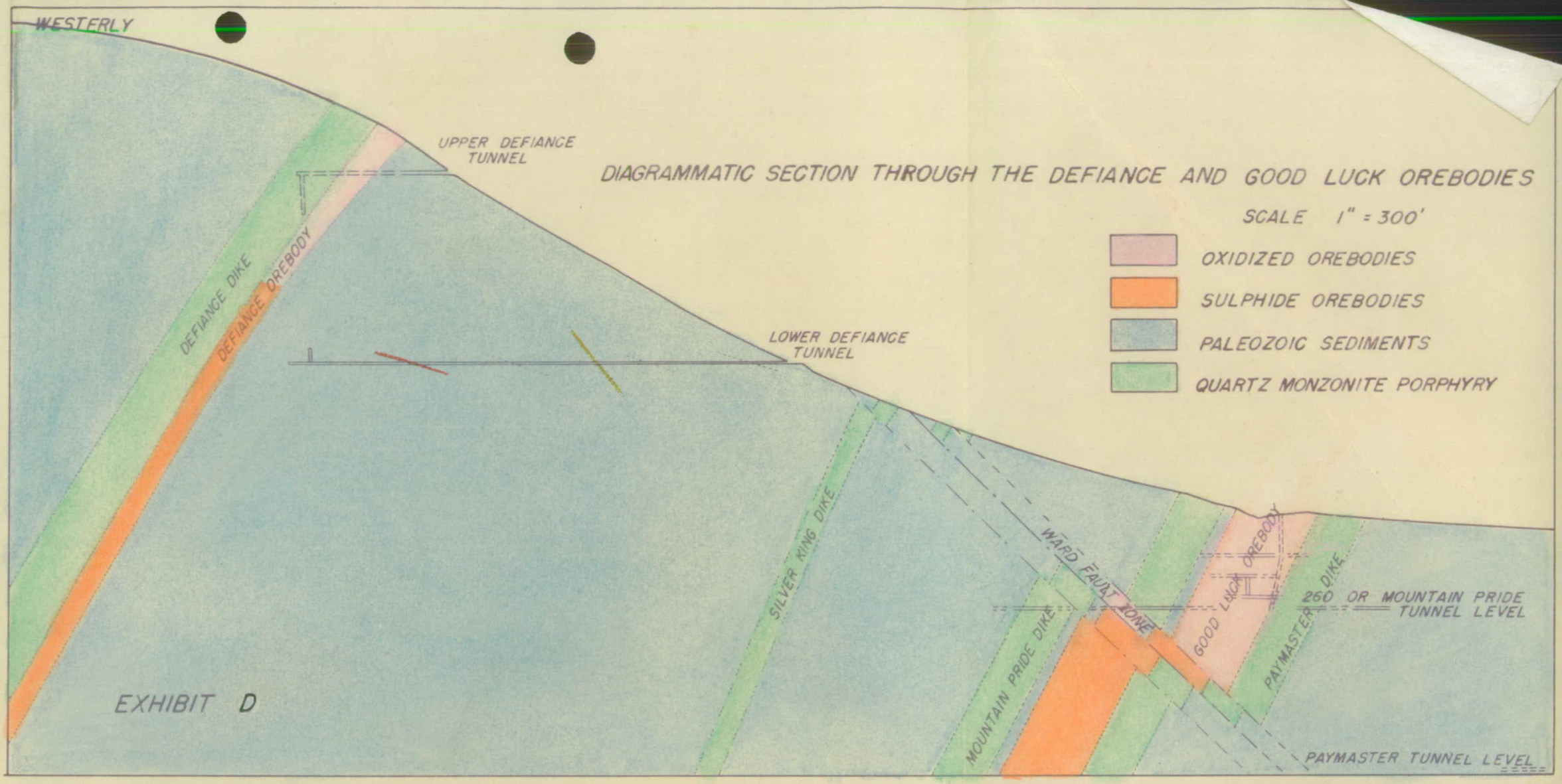
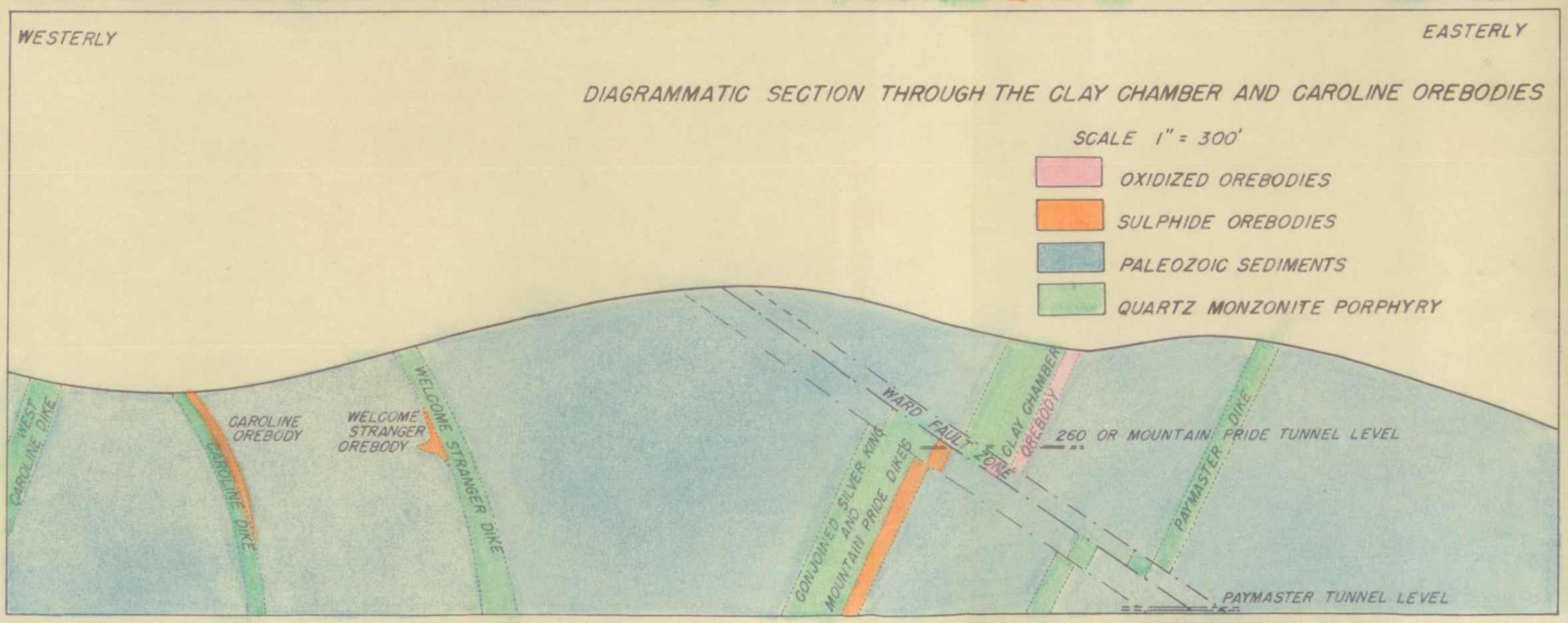

WESTERLY
UPPER DEFIANCE TUNNEL
DIAGRAMMATIC SECTION THROUGH THE DEFIANCE AND GOOD LUCK OREBODIES
SCALE 1" = 300'
OXIDIZED OREBODIES
SULPHIDE OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
DEFIANCE DIKE
DEFIANCE OREBODY
LOWER DEFIANCE TUNNEL
SILVER KING DIKE
WARD FAULT ZONE
GOOD LUCK OREBODY
260 OR MOUNTAIN PRIDE TUNNEL LEVEL
MOUNTAIN PRIDE DIKE
PAYMASTER DIKE
PAYMASTER TUNNEL LEVEL

EXHIBIT D


WESTERLY
EASTERLY
DIAGRAMMATIC SECTION THROUGH THE CLAY CHAMBER AND CAROLINE OREBODIES
SCALE 1" = 300'
OXIDIZED OREBODIES
SULPHIDE OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
WEST CAROLINE DIKE
CAROLINE OREBODY
CAROLINE DIKE
WELCOME STRANGER OREBODY
WELCOME STRANGER DIKE
WARD FAULT ZONE
CLAY CHAMBER OREBODY
260 OR MOUNTAIN PRIDE TUNNEL LEVEL
CONJOINED SILVER KING AND MOUNTAIN PRIDE DIKES
PAYMASTER DIKE
PAYMASTER TUNNEL LEVEL

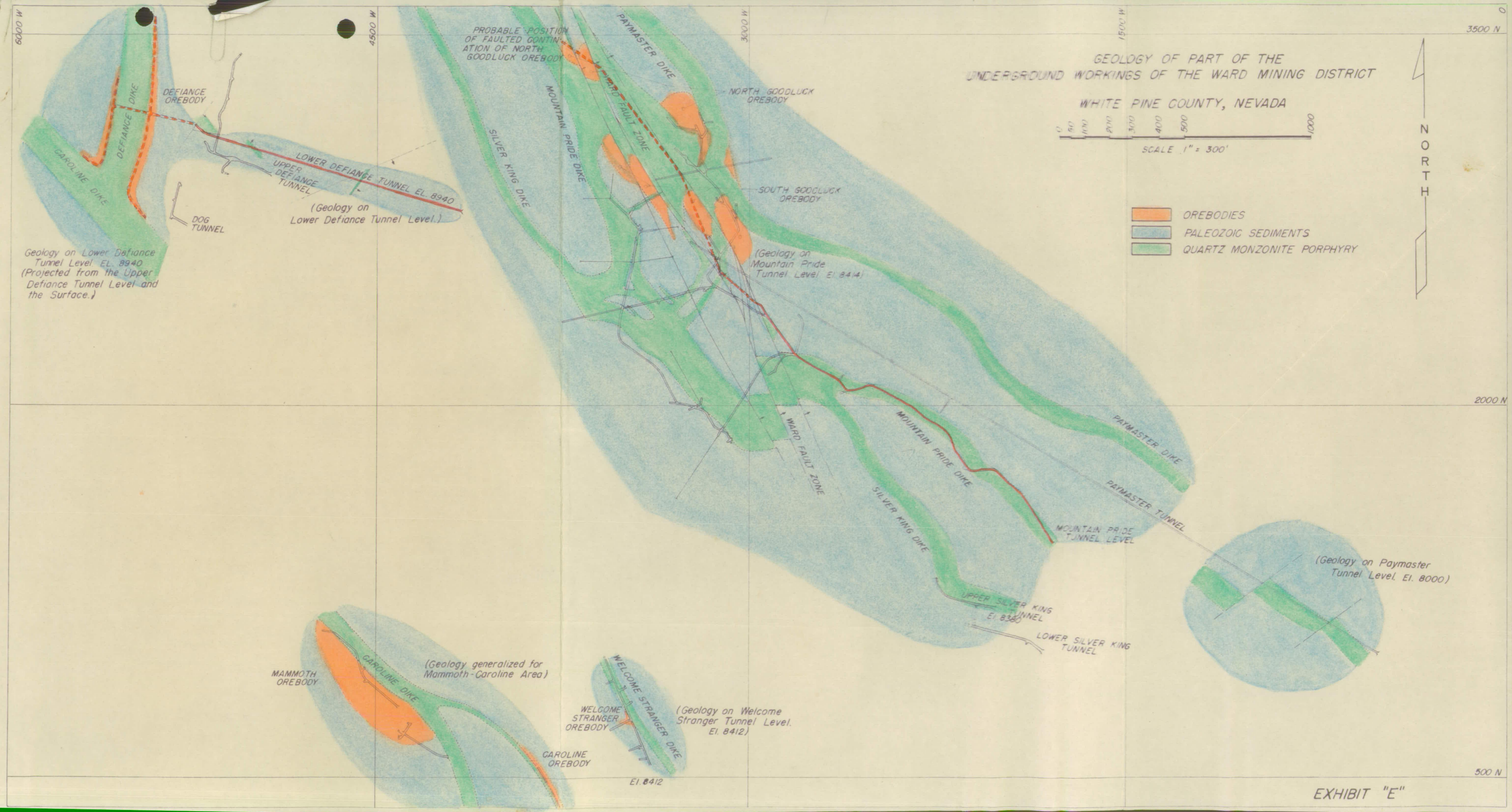

GEOLOGY OF PART OF THE
UNDERGROUND WORKINGS OF THE WARD MINING DISTRICT
WHITE PINE COUNTY, NEVADA
SCALE 1" = 300'
0 50 100 200 300 400 500 1000
NORTH
OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
6000 W
4500 W
3000 W
1500 W
0
3500 N
2000 N
500 N
DEFIANCE OREBODY
DEFIANCE DIKE
CAROLINE DIKE
LOWER DEFIANCE TUNNEL EL. 8940
UPPER DEFIANCE TUNNEL
DOG TUNNEL
(Geology on Lower Defiance Tunnel Level.)
Geology on Lower Defiance Tunnel Level EL. 8940 (Projected from the Upper Defiance Tunnel Level and the Surface.)
PROBABLE POSITION OF FAULTED CONTINUATION OF NORTH GOODLUCK OREBODY
PAYMASTER DIKE
WARD FAULT ZONE
MOUNTAIN PRIDE DIKE
SILVER KING DIKE
NORTH GOODLUCK OREBODY
SOUTH GOODLUCK OREBODY
(Geology on Mountain Pride Tunnel Level El. 8414)
WARD FAULT ZONE
MOUNTAIN PRIDE DIKE
SILVER KING DIKE
PAYMASTER DIKE
PAYMASTER TUNNEL
MOUNTAIN PRIDE TUNNEL LEVEL
UPPER SILVER KING TUNNEL El. 8387
LOWER SILVER KING TUNNEL
(Geology on Paymaster Tunnel Level El. 8000)
MAMMOTH OREBODY
CAROLINE DIKE
(Geology generalized for Mammoth-Caroline Area)
CAROLINE OREBODY
WELCOME STRANGER DIKE
WELCOME STRANGER OREBODY
(Geology on Welcome Stranger Tunnel Level. El. 8412)
El. 8412

EXHIBIT "E"

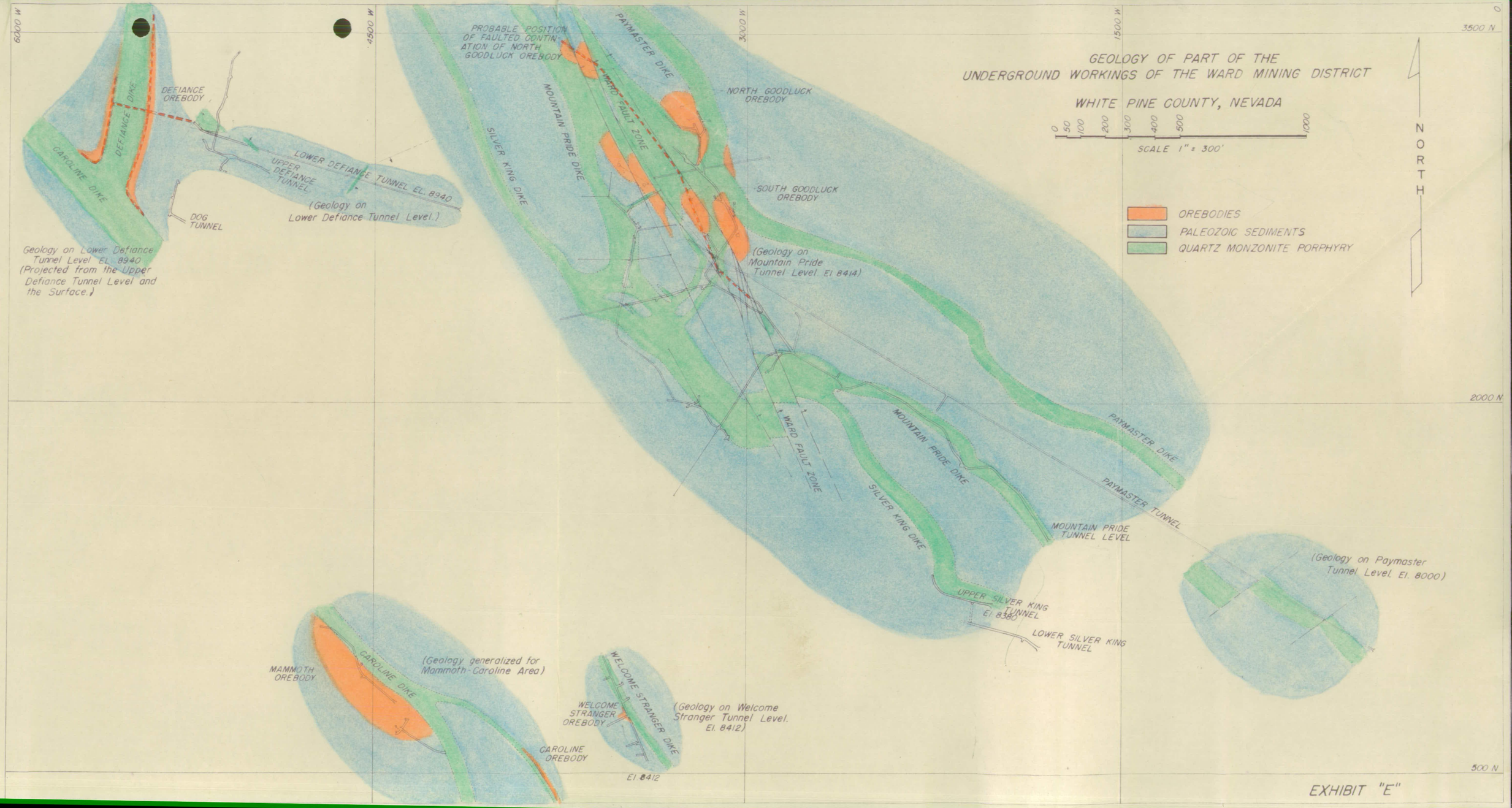
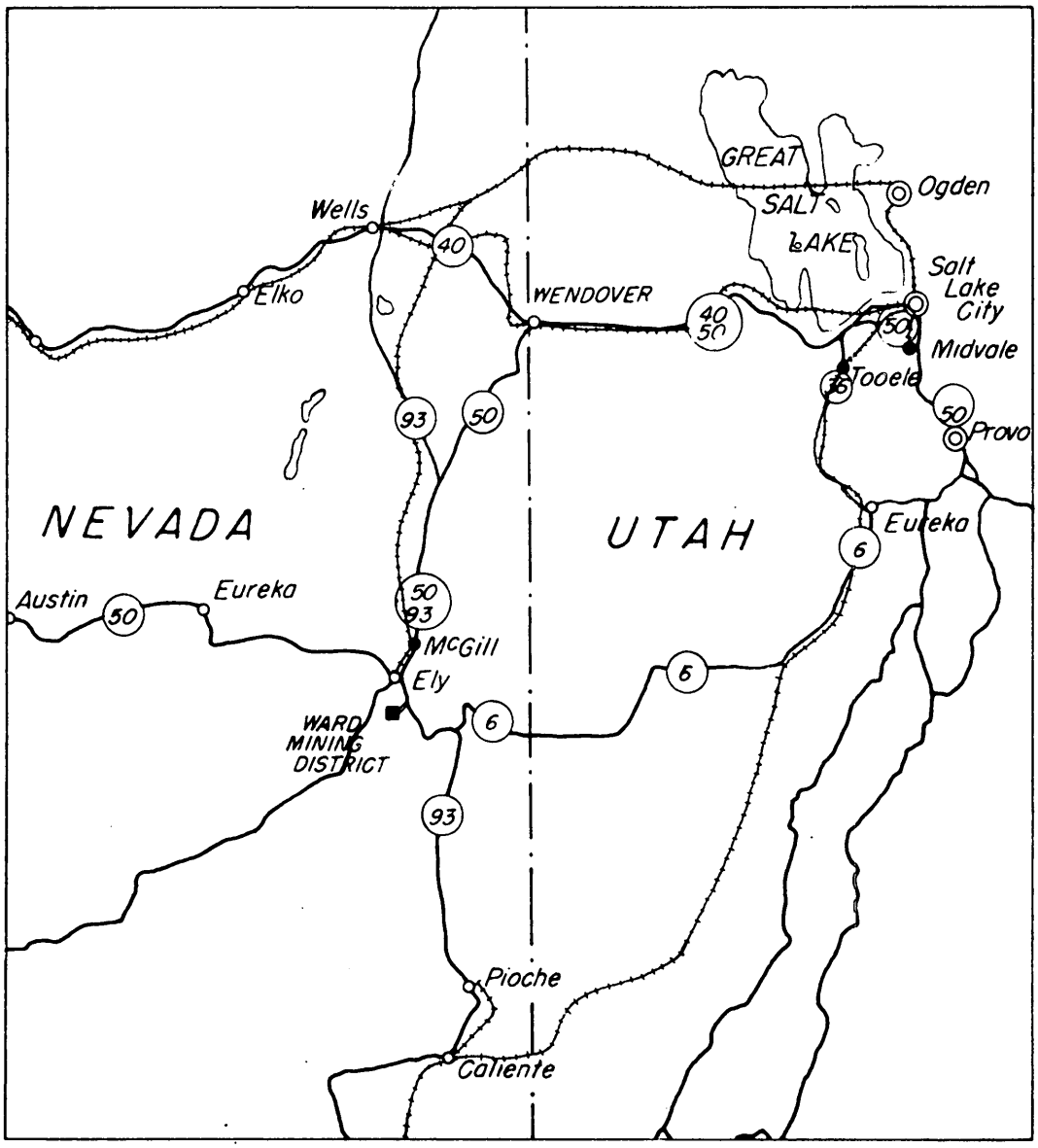

GEOLOGY OF PART OF THE
UNDERGROUND WORKINGS OF THE WARD MINING DISTRICT
WHITE PINE COUNTY, NEVADA
0 50 100 200 300 400 500 1000
SCALE 1" = 300'
NORTH
OREBODIES
PALEOZOIC SEDIMENTS
QUARTZ MONZONITE PORPHYRY
6000 W
4500 W
3000 W
1500 W
0
3500 N
2000 N
500 N
DEFIANCE OREBODY
DEFIANCE DIKE
CAROLINE DIKE
DOG TUNNEL
UPPER DEFIANCE TUNNEL
LOWER DEFIANCE TUNNEL EL. 8940
(Geology on Lower Defiance Tunnel Level.)
Geology on Lower Defiance Tunnel Level EL. 8940 (Projected from the Upper Defiance Tunnel Level and the Surface.)
PROBABLE POSITION OF FAULTED CONTINATION OF NORTH GOODLUCK OREBODY
PAYMASTER DIKE
MOUNTAIN PRIDE DIKE
SILVER KING DIKE
WARD FAULT ZONE
NORTH GOODLUCK OREBODY
SOUTH GOODLUCK OREBODY
(Geology on Mountain Pride Tunnel Level El. 8414)
MOUNTAIN PRIDE TUNNEL LEVEL
PAYMASTER TUNNEL
UPPER SILVER KING TUNNEL El. 8380
LOWER SILVER KING TUNNEL
(Geology on Paymaster Tunnel Level. El. 8000)
MAMMOTH OREBODY
(Geology generalized for Mammoth-Caroline Area)
WELCOME STRANGER OREBODY
WELCOME STRANGER DIKE
(Geology on Welcome Stranger Tunnel Level. El. 8412)
CAROLINE OREBODY
El. 8412

EXHIBIT "E"



INDEX MAP OF NORTHEASTERN NEVADA AND NORTH-WESTERN UTAH, SHOWING THE LOCATION OF THE WARD MINING DISTRICT, IT'S PROXIMITY TO THE SHIPPING POINT AT ELY, AND IT'S RELATIVE POSITION TO CUSTOM MILLS AT PIOCHE, NEVADA, MIDVALE AND TOOELE, UTAH AND TO CUSTOM SMELTERS AT McGILL, NEVADA, AND MIDVALE AND TOOELE, UTAH.

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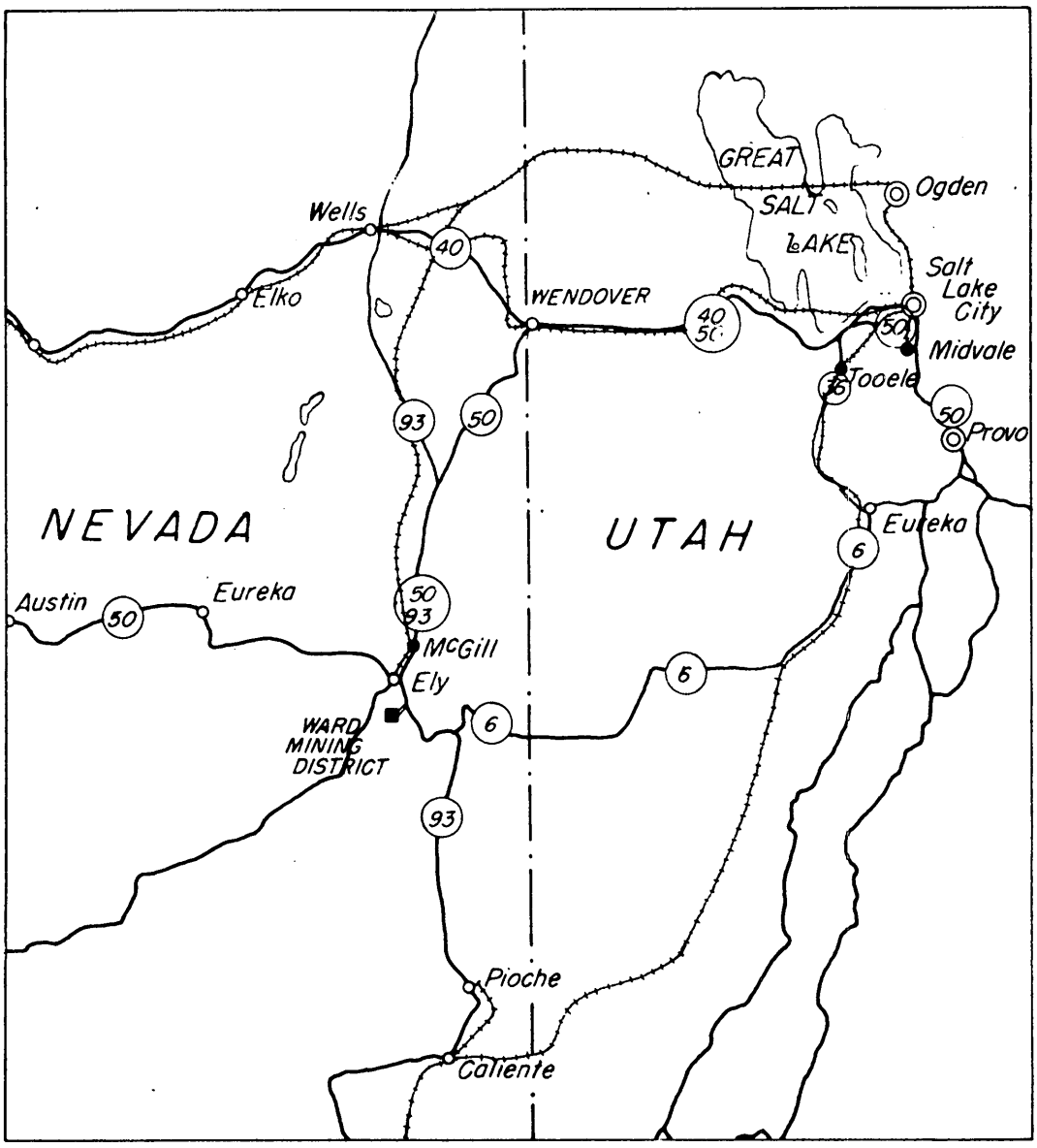

INDEX MAP OF NORTHEASTERN NEVADA AND NORTH-WESTERN UTAH, SHOWING THE LOCATION OF THE WARD MINING DISTRICT, IT'S PROXIMITY TO THE SHIPPING POINT AT ELY, AND IT'S RELATIVE POSITION TO CUSTOM MILLS AT PIOCHE, NEVADA, MIDVALE AND TOOELE, UTAH AND TO CUSTOM SMELTERS AT McGILL, NEVADA, AND MIDVALE AND TOOELE, UTAH.

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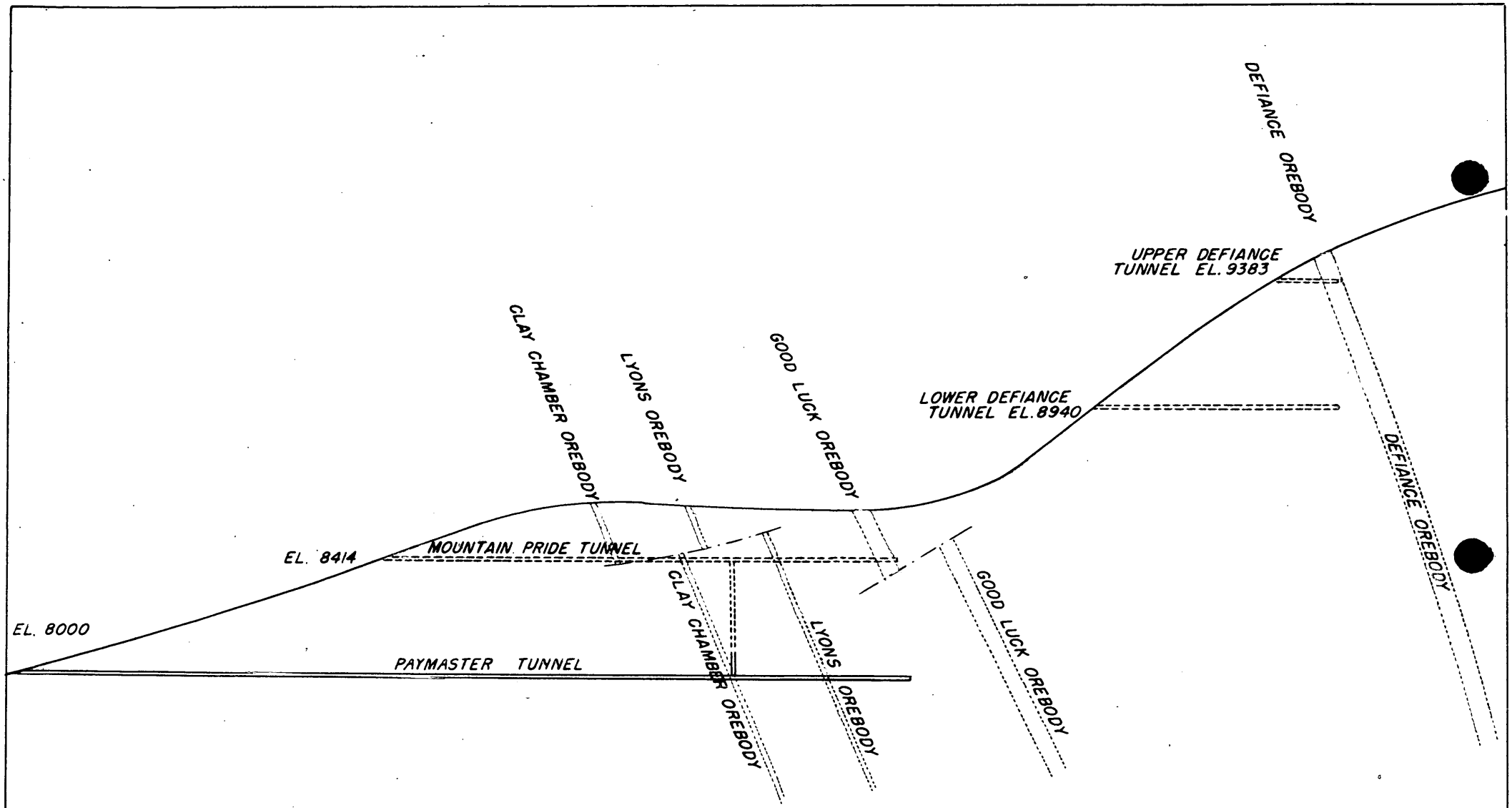
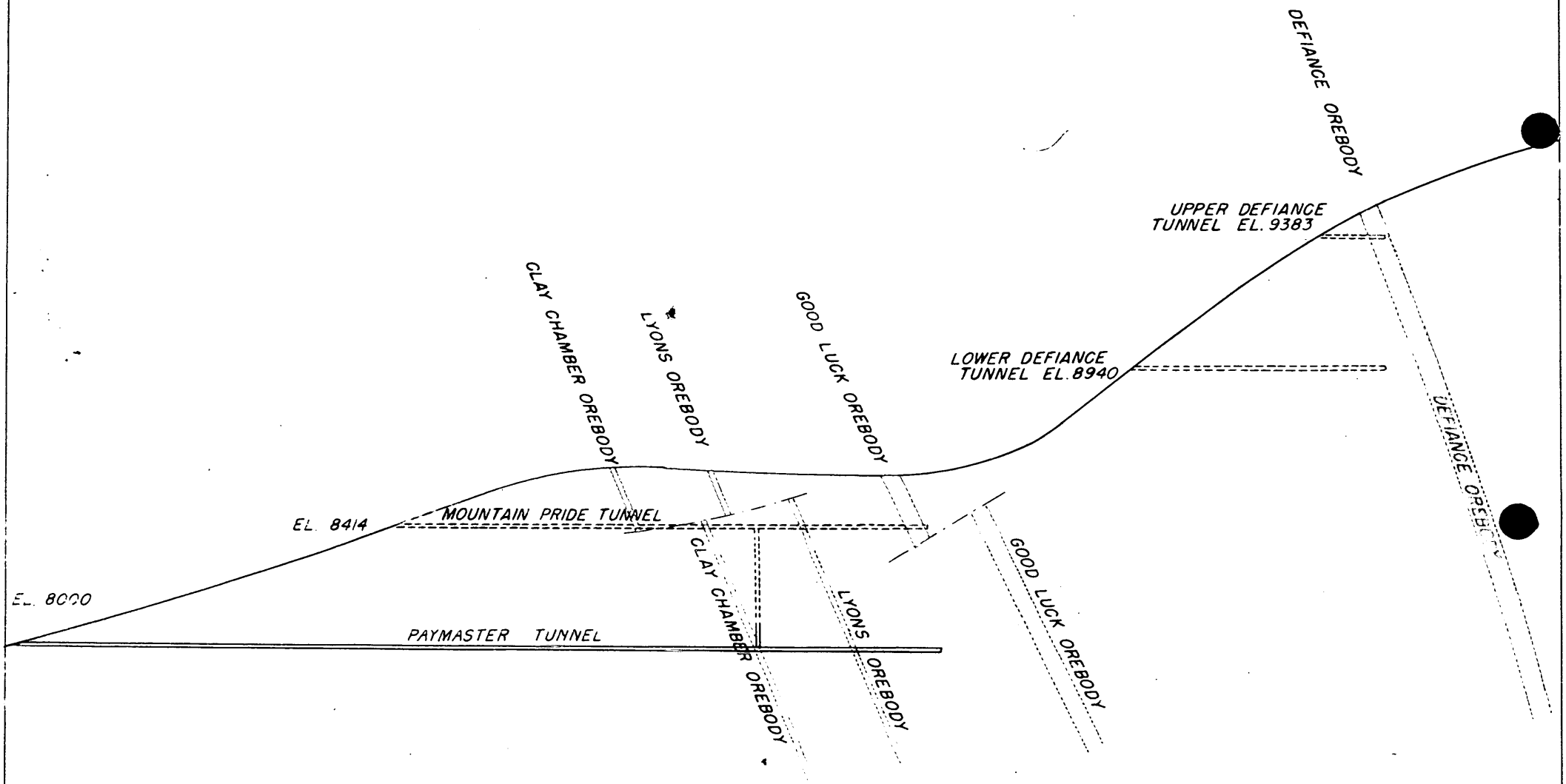


Diagrammatic Section Through Ward Mine Showing Development System With Relationship To Ore-bodies

SCALE 1 IN. = 500 FT.

MINED OR DEVELOPED ORE TINTED RED: UNDEVELOPED ORE TINTED ORANGE

EXHIBIT "F"

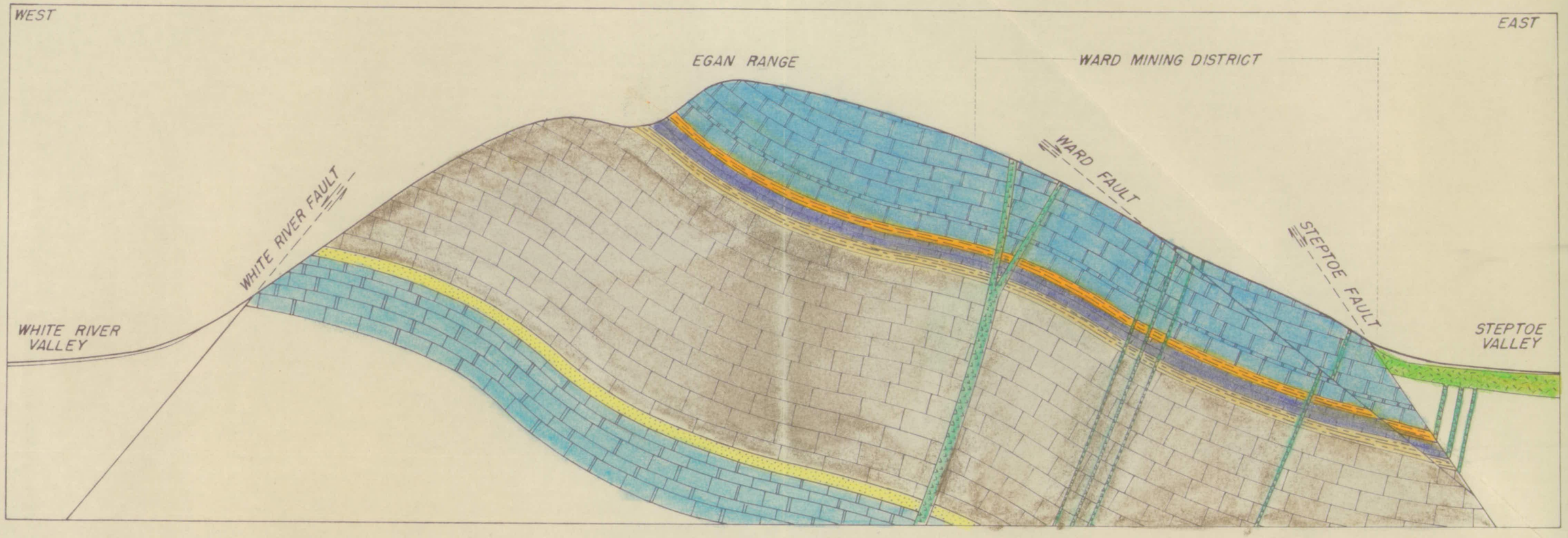


Diagrammatic Section Through Ward Mine Showing Development System With Relationship To Ore-bodies

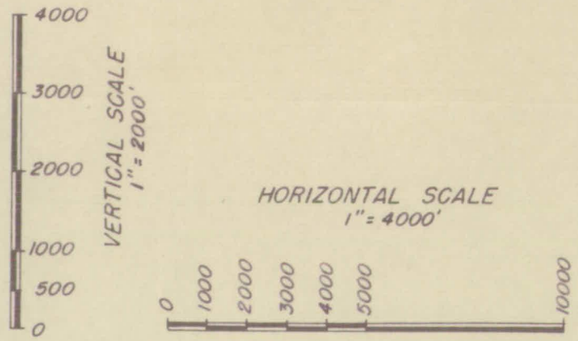
SCALE 1 IN. = 500 FT

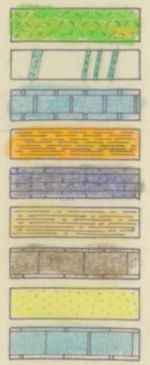
MINED OR DEVELOPED ORE TINTED RED: UNDEVELOPED ORE TINTED ORANGE

EXHIBIT "F"



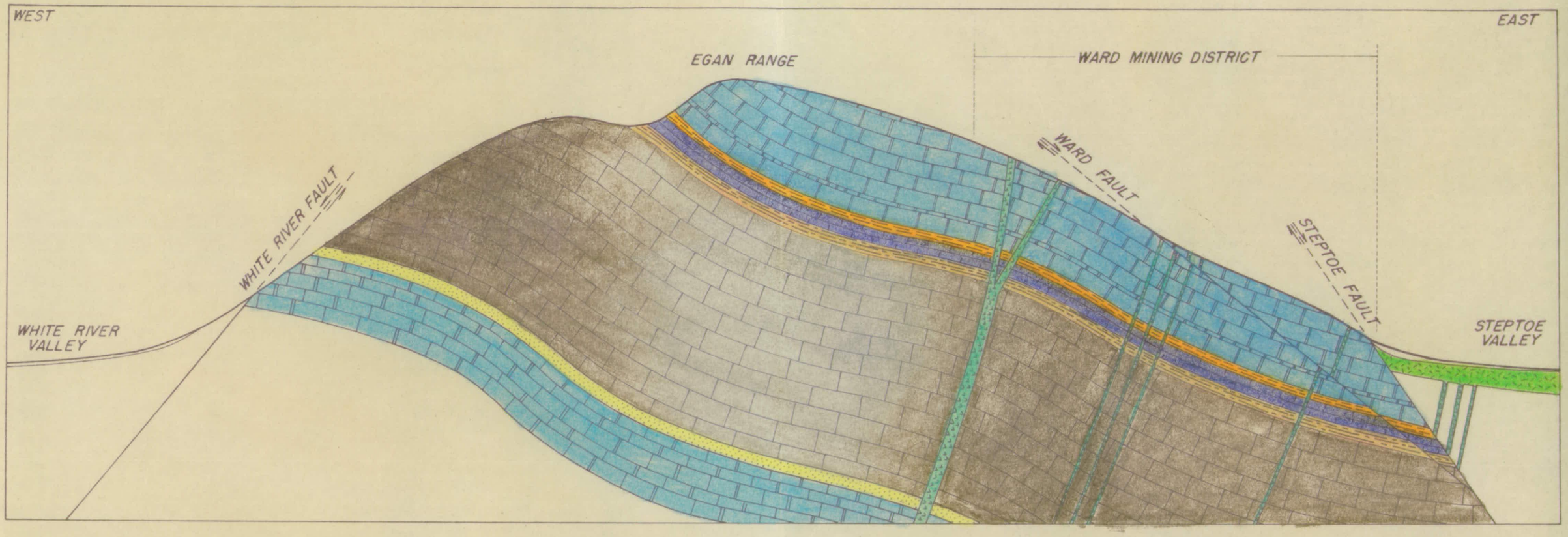
DIAGRAMMATIC EAST-WEST CROSS SECTION OF THE EGAN RANGE, WHITE PINE COUNTY, NEVADA



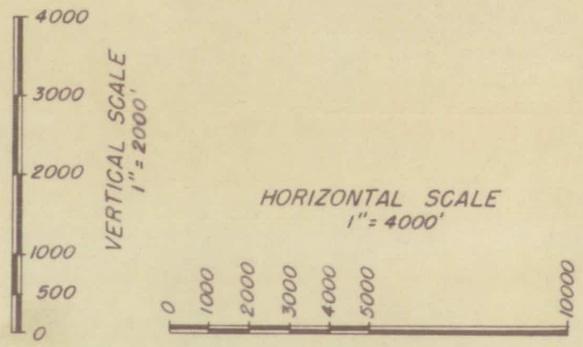


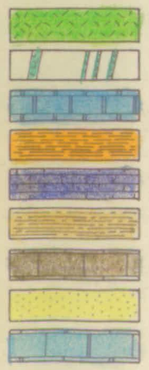
QUARTZ LATITE LAVAS AND TUFFS (TERTIARY)
QUARTZ MONZONITE PORPHYRY DIKES (TERTIARY)
ELY LIMESTONE (PENNSYLVANIAN)
CHAINMAN SHALE (MISSISSIPPIAN)
JOANA LIMESTONE (MISSISSIPPIAN)
PILOT SHALE (MISSISSIPPIAN)
NEVADA LIMESTONE (DEVONIAN)
EUREKA QUARTZITE (ORDOVICIAN)
POGONIP LIMESTONE (ORDOVICIAN)

EXHIBIT "B"



DIAGRAMMATIC EAST-WEST CROSS SECTION OF THE EGAN RANGE, WHITE PINE COUNTY, NEVADA





QUARTZ LATITE LAVAS AND TUFFS (TERTIARY)
QUARTZ MONZONITE PORPHYRY DIKES (TERTIARY)
ELY LIMESTONE (PENNSYLVANIAN)
CHAINMAN SHALE (MISSISSIPPIAN)
JOANA LIMESTONE (MISSISSIPPIAN)
PILOT SHALE (MISSISSIPPIAN)
NEVADA LIMESTONE (DEVONIAN)
EUREKA QUARTZITE (ORDOVICIAN)
POGONIP LIMESTONE (ORDOVICIAN)

EXHIBIT "B"

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET NO. 2257

FIG. 2

GEOLOGIC MAP OF THE MOUNTAIN PRIDE TUNNEL LEVEL, WARD MINE

WHITE PINE COUNTY, NEVADA

0 200 400 600 FEET
Scale

From Company Maps

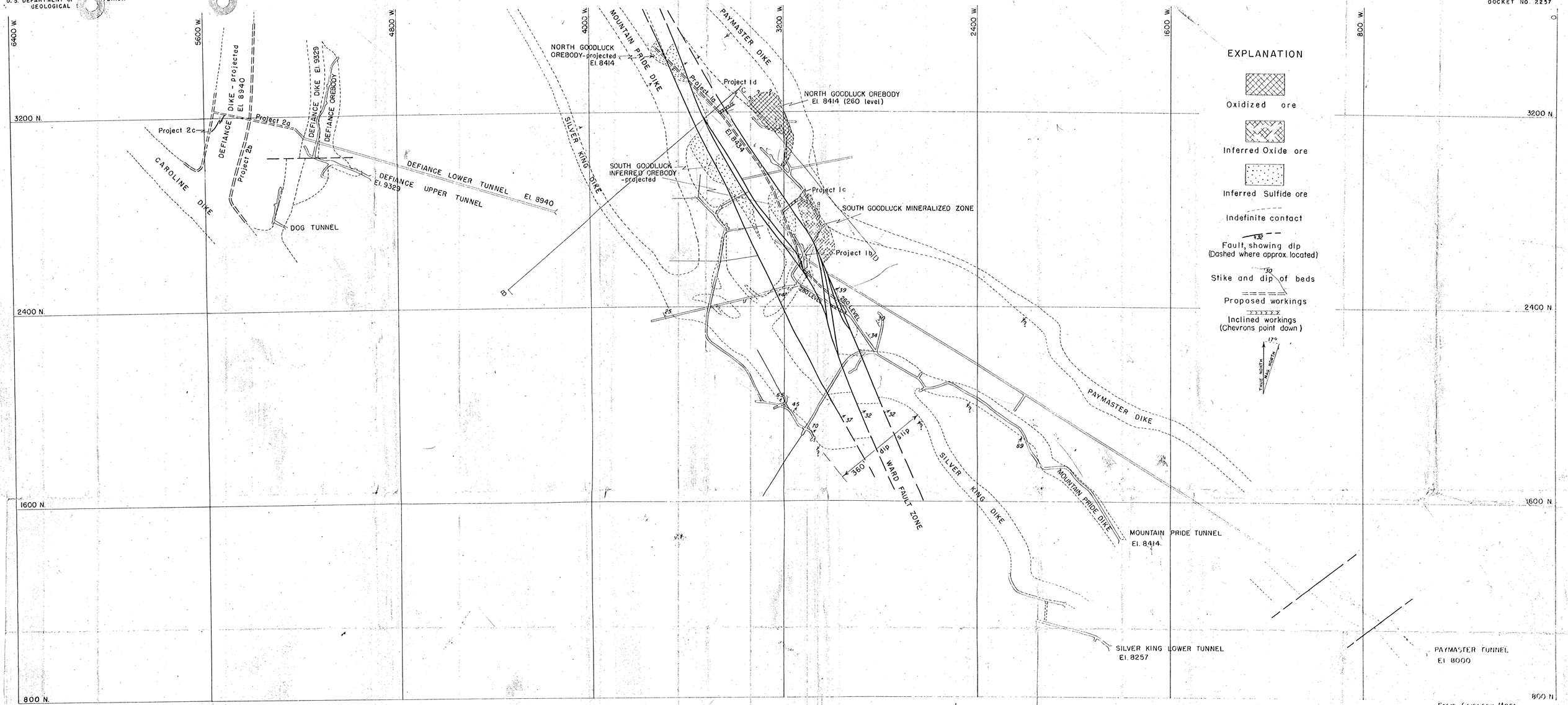


FIG. 2

GEOLOGIC MAP OF THE MOUNTAIN PRIDE TUNNEL LEVEL, WARD MINE
WHITE PINE COUNTY, NEVADA

0 200 400 600 FEET
Scale

From Company Maps

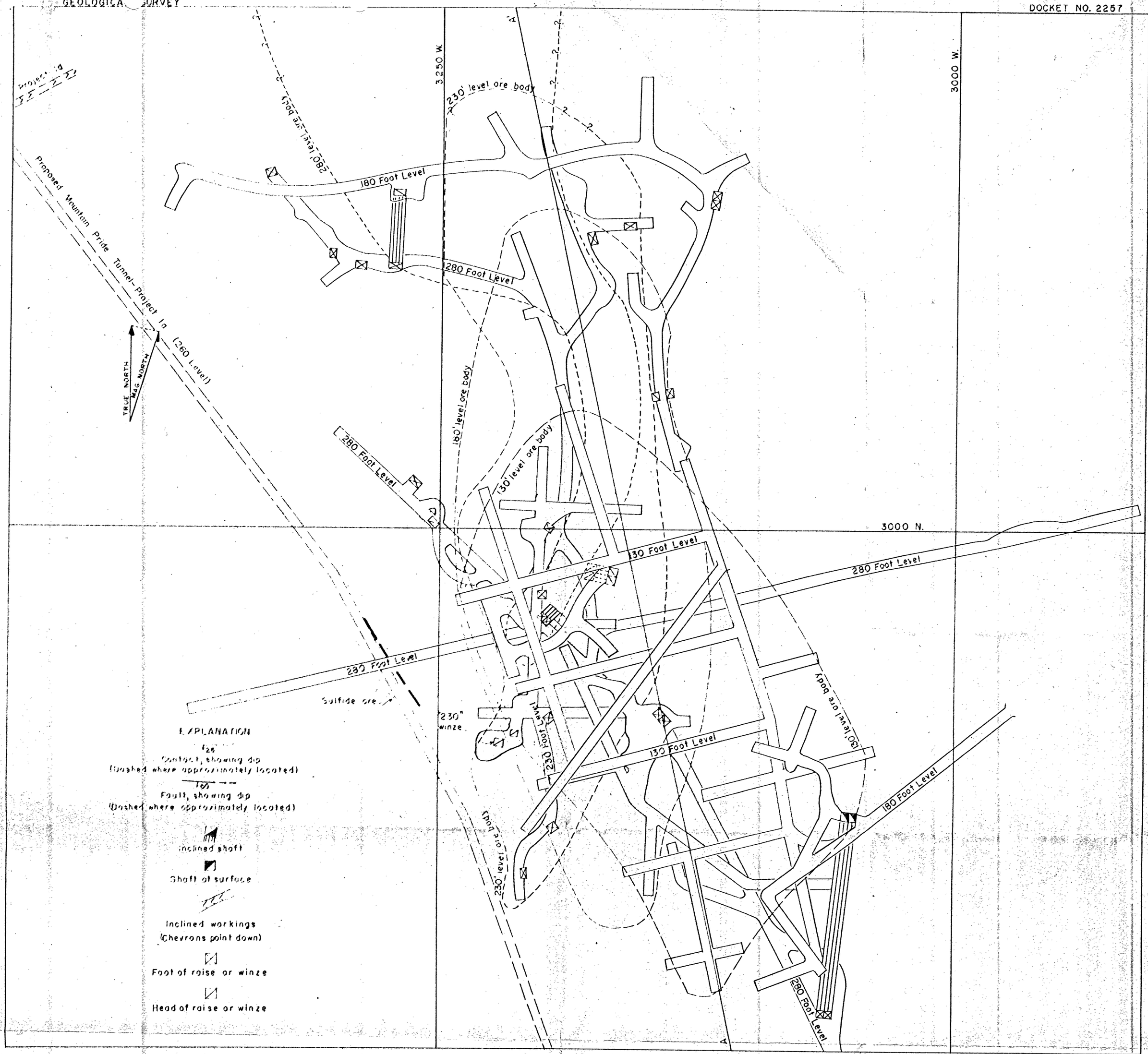


FIG. 3

COMPOSITE PLAN MAP OF WARD MINE

WARD MINING DISTRICT

WHITE PINE COUNTY, NEVADA

0 40 80 FEET
Scale

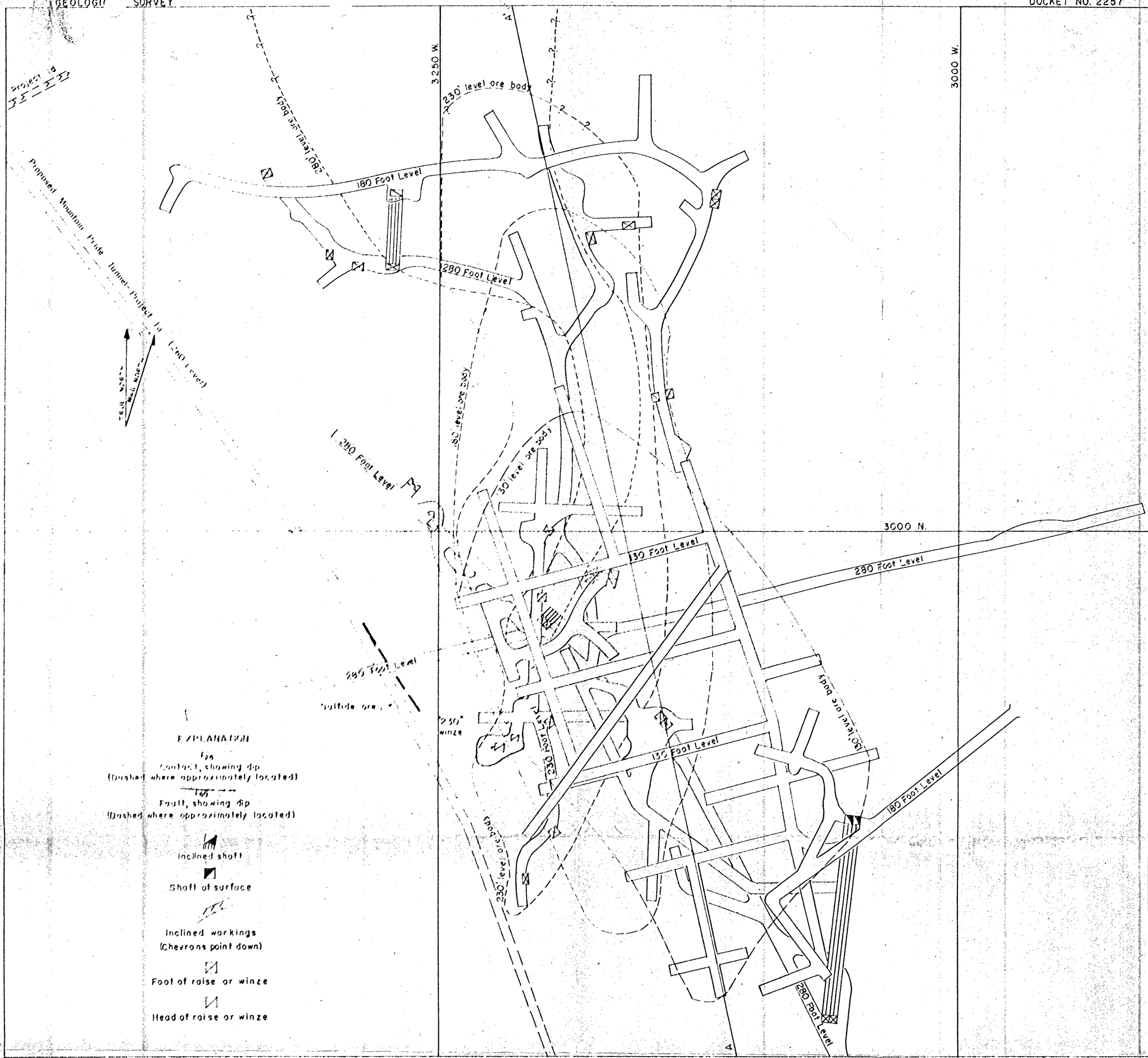


FIG. 3

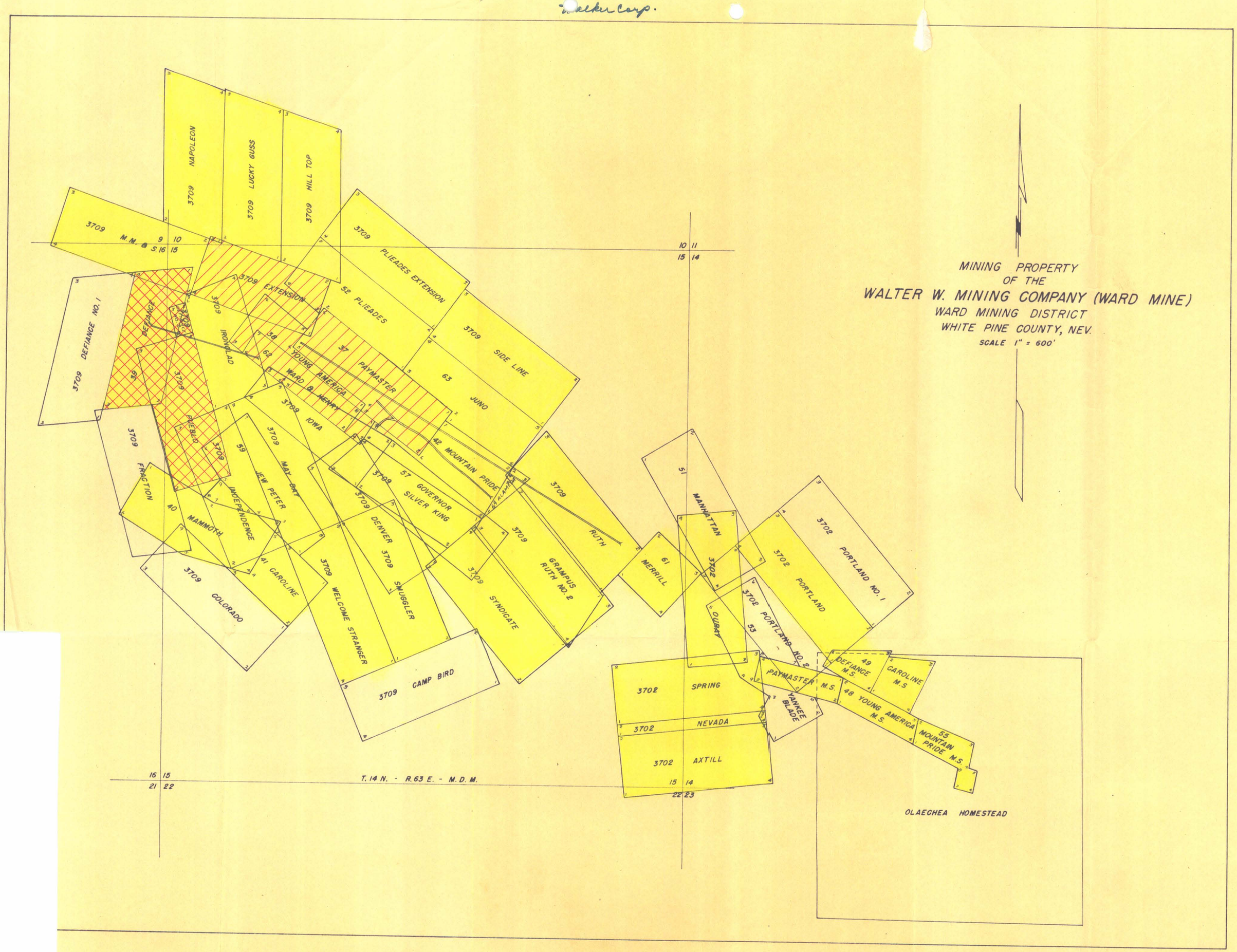
COMPOSITE PLAN MAP OF WARD MINE

WARD MINING DISTRICT

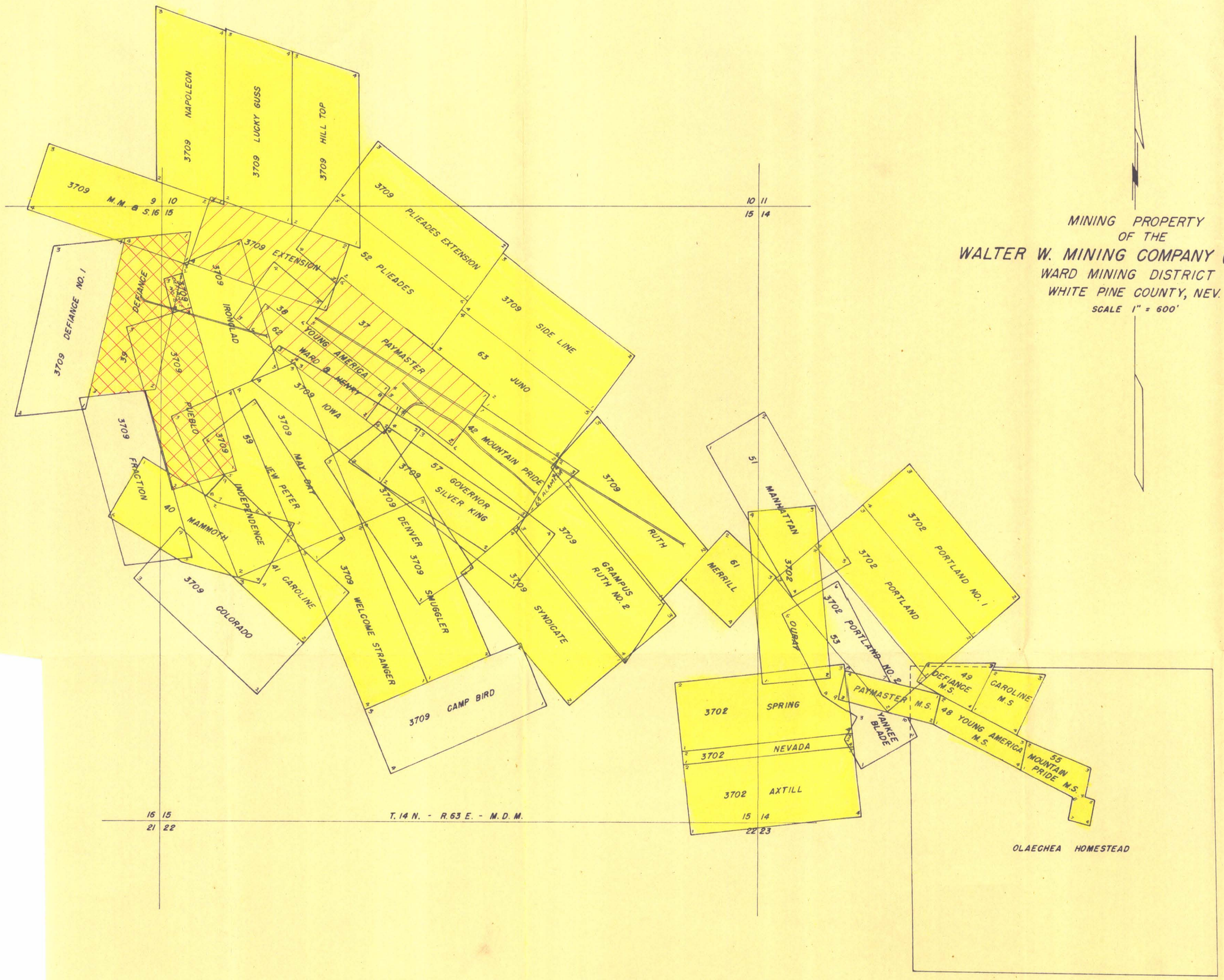
WHITE PINE COUNTY, NEVADA

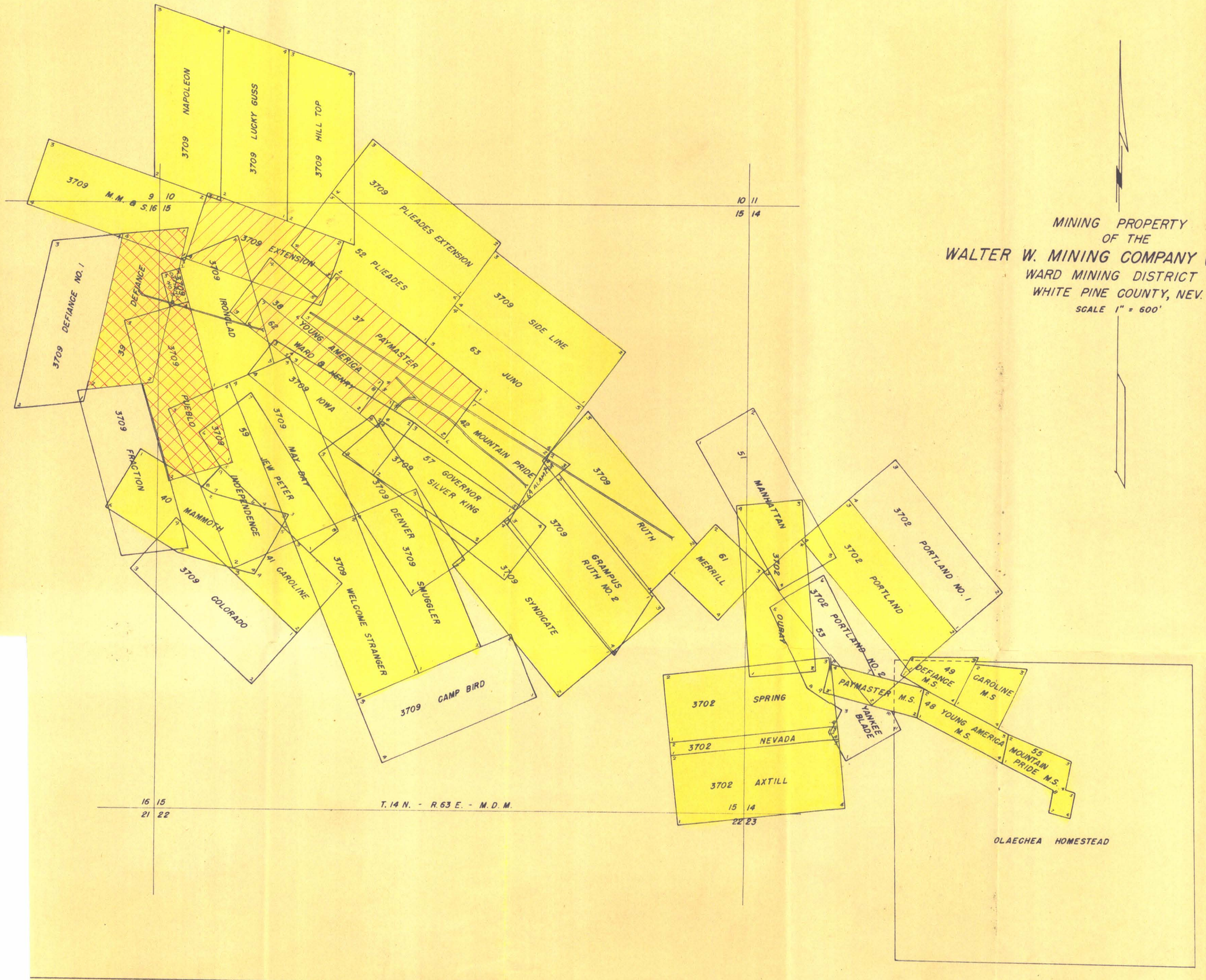
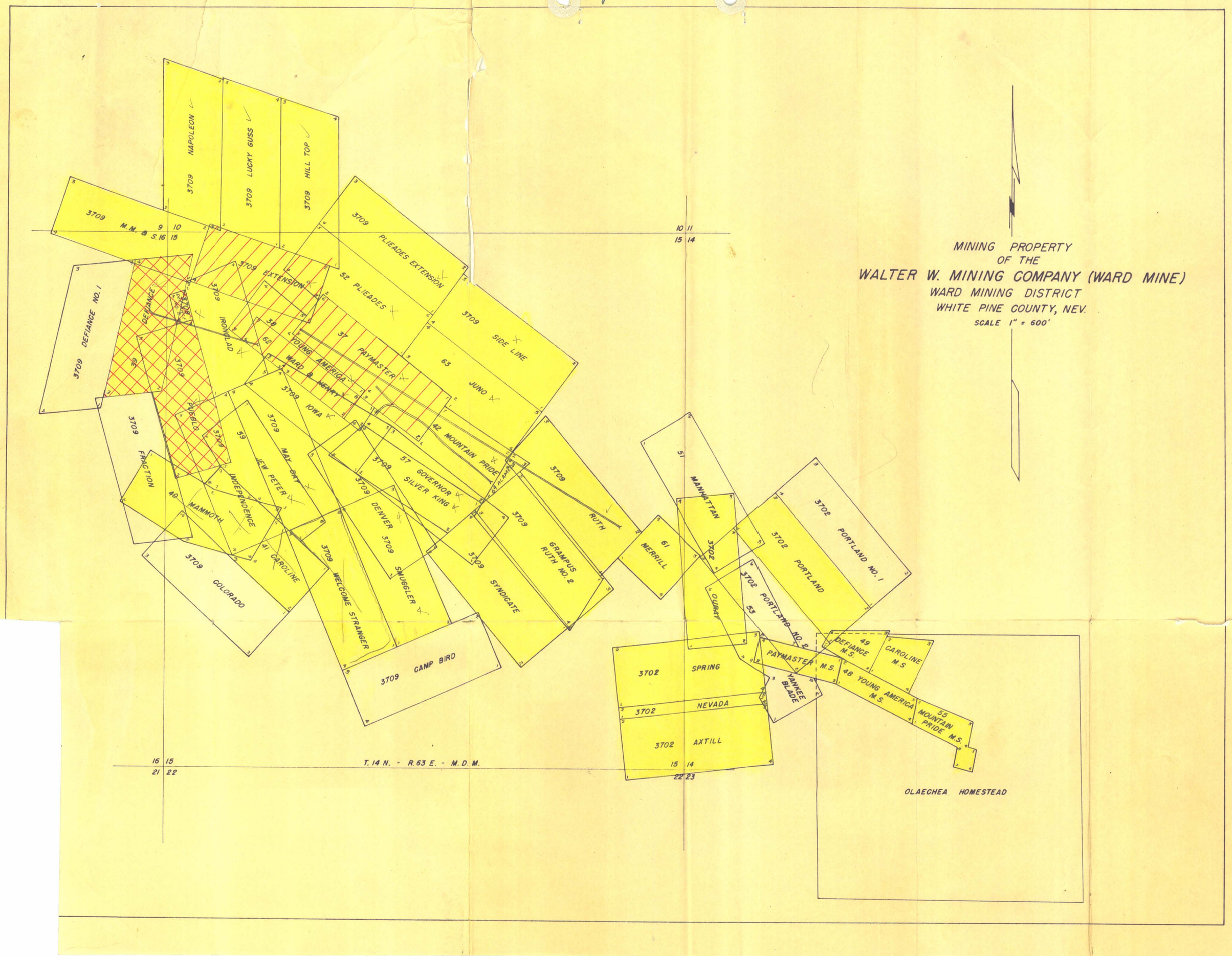
0 40 80 FEET
Scale

D.M.E.A.-2257
Walker Corp.



D.M.E.A. 2257
Walker Map.




MINING PROPERTY
OF THE
WALTER W. MINING COMPANY (WARD MINE)
WARD MINING DISTRICT
WHITE PINE COUNTY, NEV.
SCALE 1" = 600'
3709 NAPOLEON
3709 LUCKY GUSS
3709 HILL TOP
3709 M.M. & S.
3709 PLIEADES EXTENSION
52 PLIEADES
3709 SIDE LINE
63 JUNO
37 PAYMASTER
38
62
YOUNG AMERIGA
WARD & NEWT
3709 IOWA
42 MOUNTAIN PRIDE
3709 EXTENSION
3709 IRONCLAD
3709 DEFIANCE NO. 1
DEFIANCE
39
3709
PUEBLO
3709
59
3709 MAY DAY
JEW PETER
INDEPENDENCE
FRACTION
40
MAMMOTH
3709 COLORADO
41 CAROLINE
3709 WELCOME STRANGER
3709 DENVER
3709 SMUGGLER
3709 CAMP BIRD
3709 GOVERNOR
SILVER KING
3709 SYNDICATE
3709 GRAMPUS
RUTH NO. 2
3709 RUTH
61 MERRILL
51 MANHATTAN
3702
3702 PORTLAND
3702 PORTLAND NO. 1
3702 PORTLAND NO. 2
53
"OURAY"
3702 SPRING
3702 NEVADA
3702 AXTILL
PAYMASTER M.S.
YANKEE BLADE
49 DEFIANCE M.S.
CAROLINE M.S
48 YOUNG AMERICA M.S.
55 MOUNTAIN PRIDE M.S.
OLAECHEA HOMESTEAD
T. 14 N. - R. 63 E. - M. D. M.
10 11
15 14
16 15
21 22
22 23

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