

0260 0071  
142  
Jungo Nevada.

May 18 /16

Mr E. A. Haggott.

Insurance Exchange Bldg.

San Francisco. Cala.

Dear Sir, The Following is a report on the Antelope Springs Mining Co. property, owned by Mr Jno W. Geiger & CO. The mine is situated twenty three <sup>miles</sup> south west of Jungo, and the Antelope range, . The property consists of eighteen unpatented claims, at an elevation of six thousand five hundred thirty five ft., . The property is opened up with three tunnels, and two raises, connecting two three and four, levels. The deepest workings is about three hundred and sixty ft. . The vein is of a true fissure, and cuts the formation at a right angle, The trend of the vein is north forty five west, with an average dip of eighty five, south west.

The vein filling is made up of a shast, with a low percentage of quartz and a high percentage of iron, .

The formation of the Antelope range is made up entirely of lime and lime shale, shast, and small amt of quartzite, An altered granite was noted in the excavation of the assay office, . With the present development they have encountered two distinct ore shutes, there length has not been proven, .

In number two tunnel the ores are of a carbonet, and about an average of two feet wide, In number three and four, they are of a sulphide, and increases in width, varying from two to fifteen feet in width, between walls, . In number three tunnel I sampled forty feet of Number one ore shute, and eighty seven feet of number two ore shute, The north west drift was not accessible, on acct of cave. Two feet of ore was said to continue in the breast of the tunnel. The north west drift in number four tunnel has not been extended far enough to encounter number two ore shute, Raise number two from number four tunnel seventy feet, encounters seven feet of good grade of ore, as the mine has not been blocked out, it is difficult to estimate the amt of ore between the two levels, . Two Three, And Four.

The ores on th lower level is of a better grade and more presistent.

There is a mill in connection with this propertythat was not operating at the time of my being there . This property is well worth their a attention.,

My time being limited I did not sample the adjoining property known as the Superior, This property could be worked in connection with the Antelope to an advantage, The vein in this property, is larger and of a lower grade ,less in zinc and higher in lead, the deepest workings is three hundred and sixty feet. The mine is equipped with an eighty horse power boiler and hoist, one eight machine compressor. and the concentratoris of a sixty ton capacity, equippedwith rolls, jiggs, and tables,

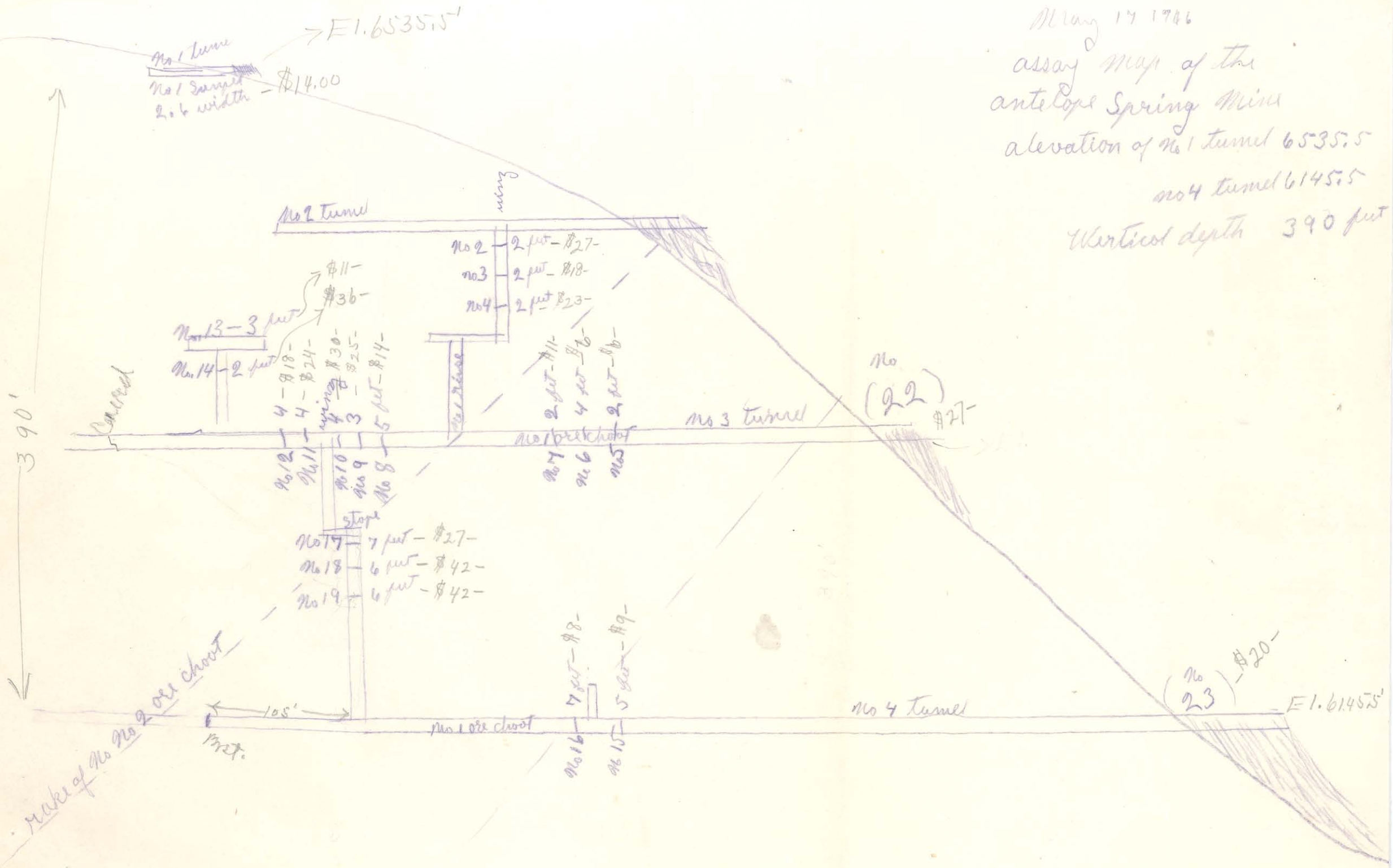
I will visit Mr Austins copper in a few das. hoping to hear from you soon, I am,

Very Respectfully.

G A Johnson

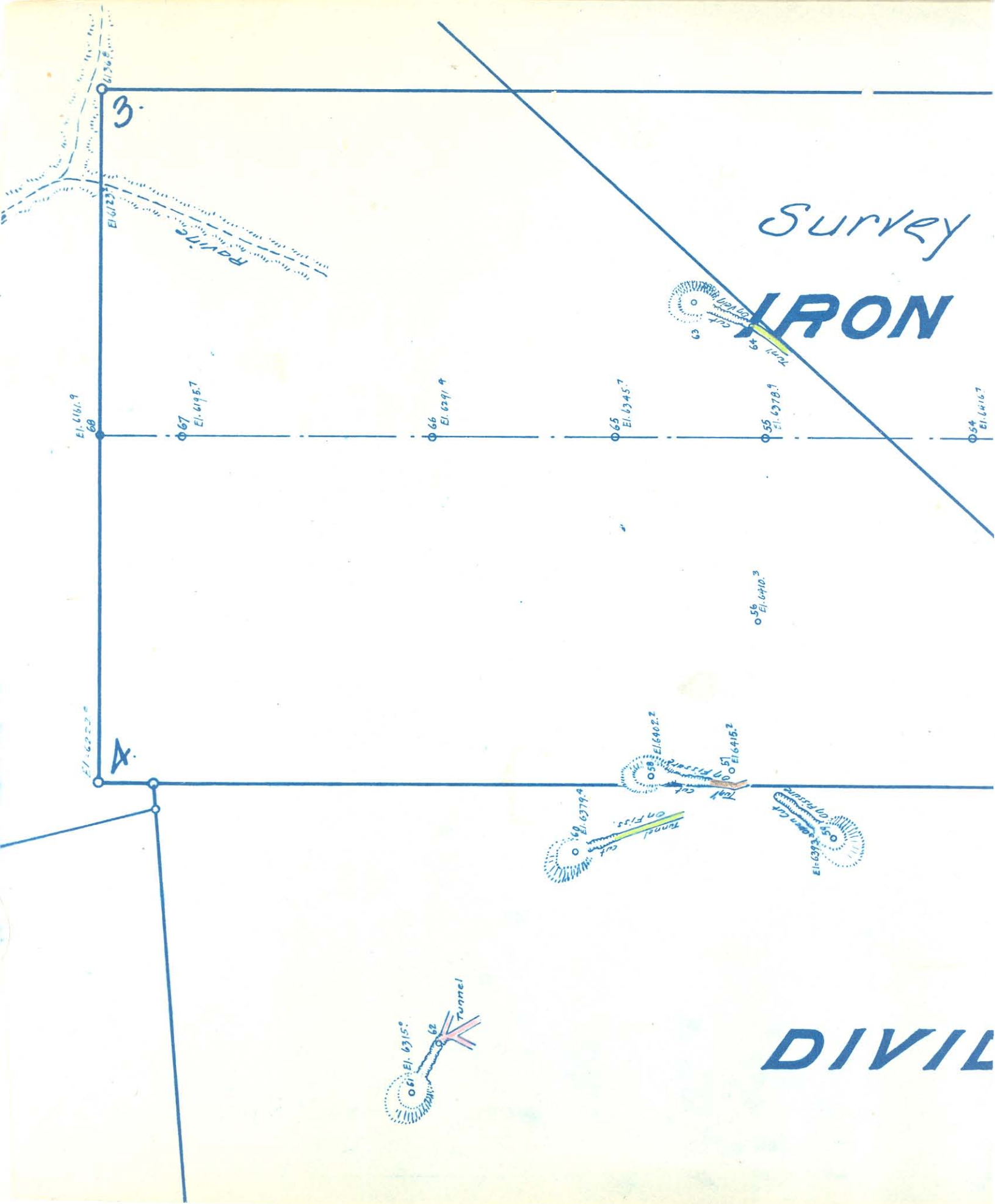


May 17 1946  
 assay map of the  
 antelope Spring mine  
 elevation of No 1 tunnel 6535.5  
 No 4 tunnel 6145.5  
 vertical depth 390 feet



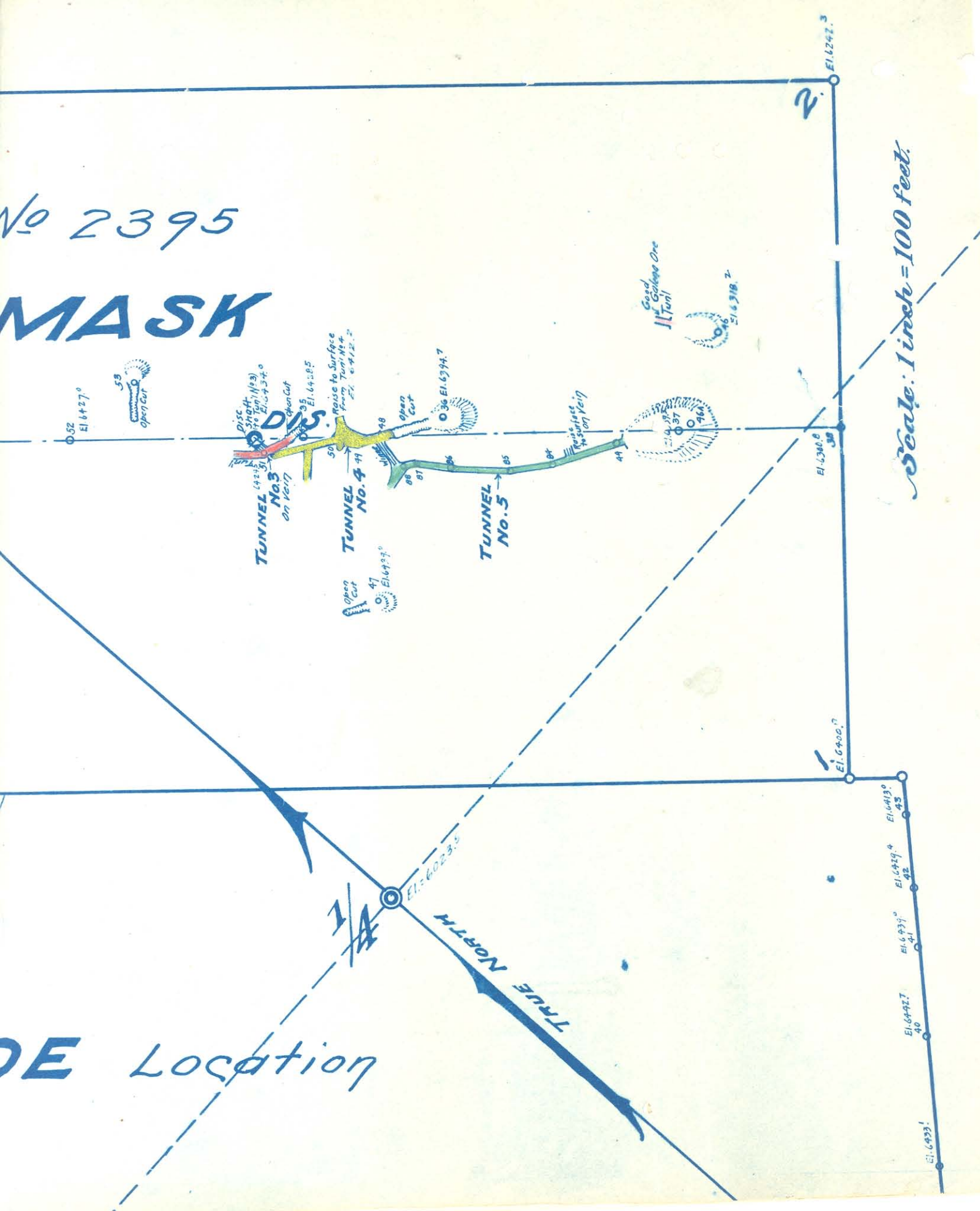
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# MASK



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Jungo, Nevada, Aug. 20, 1916.

Dear Mr. Hammon:-

My inspection of the Antelope Spring and Nevada - Superior mines is just completed.

As to size and metal contents the ore bodies were found as represented, and going no farther, with an analysis of the subject, than the present faces one would be inclined to agree to the proposal that operations are justified. But I find as follows:

1. The Lead Sulphide and Silver Contents of Shoot No. 1 are less on Tunnel No. 4 Level than on No. 3 level. That Shoot No. 1 ore on No. 4 level only assays 2 oz. silver and 2% lead, which is under a profit content.

2. That if Shoot No. 2 came down to Tunnel No. 4 level on its apparent rake as indicated by the line A---B it would have been tapped by Tunnel No. 4 at about 50 ft. beyond the Raise. As it is, Tunnel No. 4 is breasted at 110 ft. beyond the Raise with no sign of ore in the face altho the fault zone, filled with about 6 inches of gouge, has been carefully followed. Drift E and F have been run from the Raise and the face of Drift E shows the ore curving upward on the line of the arc C----D. These two stated facts are evidence to me that the ore occurs in lenses which are too small to warrent a belief that an attractive volume of ore is sufficiently indicated to justify farther development.

8/20/16.

3. At about 100 ft. lower elevation than the Portal of Adit No. 4 the basement granite underlying the slate, is plainly exposed for a length of about 2000 ft. This is evidence that the slate will not have a greater elevation than about 100 ft. below Adit No. 4. This indicates that it would be a grave risk to assume farther extension of ore to depth. It is quite dependable that the vein and its contained ore lenses will expire at the flooring of the slate on the granite.

So positive are the evidences of the above three findings that I am compelled to report the subject as negative. I have so informed the owners and this day cancelled my options.

Very sincerely yours,

(Signed) Ernest A. Haggott.



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Winnemucca, Nevada, 8-22-16.

Dr, Allen C. Eakin,

Rockford, Illinois.

My dear Doctor:

My study of the Antelope Spring and of the Nevada-Superior mining properties was completed Sunday. It is with great regret that my analysis of the situation leads me to conclusions which prevent my recommending the subjects to my Principals for favorable action, or I should say "for operative action". You will probably wish to know what my negations are. Mr.Geiger thought you would, and I told him I would tell you.

1. The vein bearing shales (schists) are underlain at shallow depth by granite as can be plainly read in the excavations for camp buildings at the Antelope Spring Camp and to the north of the Nevada-Superior ground. My conclusion from this fact is that the vein may confidently be expected to cut off or "floor" on the basement granite. If the vein does extend into the granite, there is small chance that mineralization will do so.

2. The ore deposits give evidence to me of making in small shallow lenses and in chimnies. On these subjects the vein is too thin to permit of such deposits producing large ore bodies.

3. The average lead contents, even in the best <sup>ear</sup> appearing sulphide ore in the Raise from Adit No. 4, are not sufficient to make such ore bodies attractive from a large, continuous operative view point, as such cannot be dependably conducted.

4. A profitably large continuous ore volume output is not indicated as possible to develop by farther exploration to justify aggressive action looking toward making a large producer.

For small operations the properties may be found attractive.

Now I have no business to write you these findings as above and it is with considerable hesitancy I do so, but I feel that you are a man who will appreciate hearing the other fellow's views. So I hand them to you. If they are unwarranted and distasteful; please accept my apologies. I may be entirely wrong in my conclusions, but they have to suffice me and they are drawn in the light of considerable experience. No change in the money consideration or terms of payment would change my attitude on the subjects. I told Mr. Geiger I would write you as I would to a brother.

Mr. Geiger advised me fully about the offers from R. S. Bolam and from Mr. Albert Burch. My earnest suggestion would be to accept Bolam's offer if not too late. This would refund you personally and finance the properties for final proof. If the proof (in contradiction to my findings) should happily be affirmative, all shareholders will profit.

If the proof ends in the negative, you will have been saved from excess of loss.

If the Bolam offer cannot be revived, then accept Mr. Burch's offer and give him about as good a chance as you gave me. He is an honorable engineer and will safely conduct the proof work. Don't bother about the personality of his Principal.

Of course you will be met with the question and may feel it rise within yourself:- "Well if Engineers like Burch and Bolam can see a condition to act upon, why is Haggott any more skilled than they that he negatives what they see as affirmative?"

It is just a difference of analysis. Probably one surgeon will delve deeper into a cause and grasp points that another surgeon will not. Probably I am wrong, but for me my conclusion must suffice as right, else I am vacillating and of no avail in analysis.

Now whatever Mr. Geiger is directed to do in the matter, his Power of Attorney as to both units is not as complete as might be required.

It had been my understanding with Mr. G. that I should have new forms made up and sent for execution, but our attorney, Mr. L. G. Campbell, is absent. So I will suggest you make up the Powers Attorney in every way as they at present stand but make your Power clause to read as follows:-



"Grant and demise a good and sufficient option to sell all the following named lode mining claims lying and situate in Antelope Spring Mining District, Humboldt County, Nevada as follows: (here name all the claims of the property involved) for farther verification and identity of said lode mining claims see the records of the Recorder of Humboldt County, Winnemucca, Nevada, together with all other lands and property, both real and personal, lying and situate in the District, County and State aforesaid. Also to make and execute a good and sufficient deed conveying all of its right, title, and interest in and to said lode mining claims, lands and other property, both real and personal together with all appurtenances thereunto belonging. All for the ~~sum~~ <sup>sum</sup> of One hundred fifty thousand dollars (\$150,000) payable in the partial payments, at the times, and at the place as may be agreed upon by and between said John W. Geiger and a purchaser and to be fully specified in the said option."

The Power of Attorney now possessed by Mr. Geiger relating to the Antelope Spring unit permits him to "sell and convey", but that for the Nevada-Superior does not so state. It appears to me that the powers should be more detailed as I have set forth. It is my opinion, and also that of Mr. Geiger that the commission arrangement be eliminated from the Power Attorney. You can give him a short side agreement covering that.

Well I have exercised considerable range of action in setting myself up as your advisory Engineer and Attorney, but all with the best of intent and no charge. But that which is not paid for is valueless, so you know where your waste basket is.

My visit at the mine was much enjoyed and thanks for all your courtesies.

(Signed) Ernest A. Haggott.

August 22, 1916.

Dear Mr. Geiger:

Enclosed are the P. of A's. Mr. Campbell is away so I detailed what would be desirable in my letter to the Doctor.

It seems I am taking rather a free hand in arrogating the act of Advisory Engineer and of Attorney as well, but the Doctor knows where his waste basket is.

With highest regards to you all,

(Signed) Ernest A. Haggott.

Have not the assays yet.

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August, 25, 1916.

Mr. John W. Geiger,

Jungo, Nevada.

Dear Mr. Geiger:

One of my samples on the Nev.-Sup. gave .10 oz. gold, 6.40 oz. silver, 2.10 % lead. The other gave trace gold, 1.00 silver, no lead. These samples were from the shoot on the drain tunnel level

For the Antelope main showing in the raise the assay is:-- trace gold; 33.00 oz. silver; 5.20 % lead. The other sample from shoot No. 1 on Adit No. 4 level gave:-- .15 oz. gold; 4.05 oz. silver; no lead. So as we talked about the showing in the raise, the assay confirms the gist of our talk to the effect that the lead values are not as high as appeared.

For the New Central:-- Sample in the roof on the shoot south of the winze assayed:-- Gold, trace; Silver, .60 oz. Sample from the drift breast of the ~~winze~~ south of the winze;-- ~~winze~~, on its 50 ft. level:-- Gold, .02 oz., Silver, .80 oz. Sample from the pillar south end of the engine room above the winze:-- Gold, .02 oz., Silver, 1.60 oz. So from this we must reject the New Central. It represents one of those mineralizations so common in the desert regions where a surficial deposition occurs that declines into a negation at shallow depth.

With my best wishes to you all, I am,

Very sincerely,

*E. A. X.*



San Francisco, Cal.  
August 11, 1916.

Mr. W. P. Hammon,  
The Insurance Exchange,  
San Francisco, California.

Dear Mr. Hammon:-

It is my desire to submit to you the following  
data on the Antelope Spring Mine:

SITUATION: Antelope Spring Mining District, Humboldt County,  
Nevada. About twenty miles southwest of Junco, a station on  
the Western Pacific Railway, about twenty miles north of  
Humboldt, a station on the Southern Pacific Railway.

CLAIMS: Seventeen lode claims.

ROCKS: Lime schist footwall. Porphyritic hanging wall.

VEIN: Contact fissure between schist and porphyry.  
Replacement of altered, fractured and crushed section of the  
lime schist. Ranges from 4-ft. to 15-ft. thick.

DEVELOPMENT: Adit #1 - 60-ft. on vein  
" #2 - 150-ft. " "  
" #3 - 600-ft. " "  
" #4 - 1000-ft. (800' x-cut) 200-ft. on vein.  
" #2, #3 and #4 are connected by raises on ore.

ORE: As a carbonate of lead and zinc containing silver  
extends to about 200-ft. depth and averages about  $2\frac{1}{2}$ -ft. thick.  
Below the 200-ft. point the ore is a sulphide and ranges from  
3-ft. to 7-ft. averaging  $6\frac{1}{2}$ -ft. on the 390 or #4 level. There  
are two ore shoots. No. 2 shoot is not penetrated by No. 4 Adit.

Mr. W. P. Hammon .....#2.

August 11, 1916.

ORE: Cont'd.

Probably an extension of this adit 100-ft. will enter shoot No.2. This is an important proof to make, as the ore of shoot No. 2 where opened by the raise from Adit #4 averages 6½-ft. thickness of sulphide ore, and samples by Johnson average \$37 per ton in silver, lead and zinc, and depth will be gained by driving Adit No. 4. The deeper levels show an increase in ore thickness and value. An attempt on the part of the owners to mill the ore failed as the metals could not be saved in pay percentage. This was because of faulty work. The metals can be saved.

ECONOMICS: All buildings needful for about twenty men. An excellent water supply at the hotel; water for milling purposes in the mine; good wagon roads to railways; no heavy grades. Timber must be imported. Economy of ore development and extraction by means of adit and shaft is favorable.

BUSINESS DEAL: Price . . . . . \$150,000.00

March	8,1917	.....	\$15,000
September	8,1917	.....	15,000
March	8,1918	.....	45,000
March	8,1919	.....	75,000
			<hr/>
			\$150,000

Entire profits of ore sold to be applied on purchase price. The option has been signed by all parties and copy is enclosed for your files.

Mr. W. P. Hammon .....#3.

August 11, 1916.

EXAMINATION: This property was examined and sampled for me by G. A. Johnson during May, 1916. The terms at that time were the same price but called for \$50,000 cash. I refused to make a personal and final inspection under such conditions and just a few days ago secured the favorable conditions stated.

I would suggest that my final examination and sampling be performed now and if the property comes up to Johnson's findings, that I be authorized to proceed at once on completing the proof of the mine. For this work there will be needed about \$3,500.00 per month.

Within ninety days I would anticipate proving the mine valueless, or fruitful to the point of starting and continuing production after the said ninety days of farther development.

Sincerely yours,

EAH:B  
Encl.



August, 12, 1916.

Mr. W. P. Hammon,  
San Francisco,  
California.

Dear Mr. Hammon:

The following data on the Nevada-Superior Mines ~~Group~~  
Company property is submitted for your consideration.

Situation:-----About 20 miles S.W. of Junco, Nevada, and about 20  
miles north of Humboldt, Nevada. The group joins the  
Antelope Spring unit on the west, forming with that  
unit a block of 38 claims.

Property:-----Twenty-one lode claims.

Buildings to accommodate about 30 men.

One 80 H.P. boiler. One steam hoist. One 300 ft.  
capacity compressor. Sixty ton concentrating mill  
having rolls, jigs, and tables.

About \$100,000 has been expended on this ground.

Development:----Adit No. 1---800 ft.

Adit No. 2---2,000 ft.

Shaft-----260 ft.

This mine can be operated thru the openings on the  
Antelope Spring unit.

Vein & Ore-----The same as for the Antelope Spring unit. Both  
properties carry the same vein, but on the Nevada-  
Superior the vein is wider between walls. The open-  
ings have just entered the sulphide zone and are not  
yet deep enough to expose the secondarily enriched  
silver, lead, zinc ore. The ore exposed averages

7½ ft. thick and \$8.00 in silver, lead and zinc; per  
Johnson's samples.

Metallurgy:-----Same comments as for the Antelope Spring unit.

Business Deal:--Price \$150,000.00

September, 8, 1917	\$ 30,000.00
March, 8, 1918	\$ 45,000.00
March, 8, 1919	<u>\$ 75,000.00</u>
	\$150,000.00

The same conditions have prevailed on this unit as  
on the Antelope Spring. The option copy herewith  
appears to me to contain fair terms.

Examination:----The examination of this unit can be conducted at  
the same time as that for the Antelope Spring.

Very sincerely yours,

*E. A. H.*



# ANTELOPE SPRING MINING CO.

625 DOOLY BUILDING

SALT LAKE CITY, UTAH

PHONE WASATCH 4996

MINES IN HUMBOLDT COUNTY, NEVADA

## OFFICERS AND DIRECTORS

W. H. FITCH, PRESIDENT  
GUST HOLM, VICE-PRESIDENT  
ALLEN C. EAKIN, TREASURER  
JOHN W. GEIGER, SECRETARY AND MANAGER  
FRED A. HUBBARD  
E. M. BOUNZELL  
E. R. REITSCH

CODES { BEDFORD-MCNEIL  
CLOUGH'S MINING  
WESTERN UNION

Letter B.P. 5728/16  
MINE OFFICE: JUNGO, NEVADA

Mr. E. A. Haggott,

901 The Insurance Bldg.,  
San Francisco, Calif.

May 27/1916.

Dear Sir,

Mr. Johnson the gentleman who just completed an examination of the Antelope Spring Mining Property wished us to mail you a report of the Mine, a map of the underground workings, and a map of the Claims. Also to state the price and payments that the property could be acquired for.

The Report and Maps I am unable to send you at this writing, as this data I had with me at the Mine I had given to some other parties a few weeks ago and it has not as yet been returned to me. I have maps and reports in my office in Salt Lake City Utah, and if possible will have them forwarded to you. The Directors in the Company are all Eastern people and some time ago I had them agree to sell the property for \$150,000.00 Cash. Since that time I



# ANTELOPE SPRING MINING CO.

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CODES { BEDFORD-McNEIL  
CLOUGH'S MINING  
WESTERN UNION

MINE OFFICE: JUNGLO, NEVADA

have corresponded with the President of the Company and he assured me that the Directors would sell the Mine for \$150,000.00, payments to be made in three installments. One third in Cash, One third in six months and Balance in one year. A reasonable royalty on all Ore shipped from the Mine, or treated in the Concentrating Plant during the life of the Sale Contract would be exacted, but such royalties would be applied on the purchase price. Mr. Johnson no doubt will give you sufficient information regarding the Mine, to warrant you ~~in~~ looking into the matter further or dropping it. At this writing no one has any option on the property for purchase, and it is the desire of the Directors of the Company that no option be given to any person, but to sell the Mine to the parties who come prepared to do business on the ground. Yours truly, J. W. Geiger.



# GEORGE A. JAMES CO.

Assayers and Chemists

28-32 BELDEN PLACE, OFF BUSH NEAR KEARNY

SAN FRANCISCO, CAL.

Aug. 8,

Received from

E. A. Haggott

antelope Spring

IDENTIFICATION	Assay No.	Gold Troy oz. per ton	Value (@ \$20.67 per oz.)	Silver Troy oz. per Ton	Value (@ 60¢)	Total Gold and Silver Value	OTHER
Vein Ore 4' #1 - 2.5'	38084	Character ore carb.		10.6	\$6.36	\$6.36	Lead Zinc Coppe
4' #2 - 2'	38985	"		22.8	13.68	13.68	Lead Zinc Coppe
4' #3 - 2'	38086	"		11.0	6.60	6.60	Lead Zinc Coppe
4' #4 - 2'	38087	"		25.0	15.00	15.00	Lead Zinc Coppe
4' #5 - 2'	38088	"		6.6	3.96	3.96	Lead- Zinc
6' #6 - 4'	38089	"		4.0	2.24	2.24	Lead Zinc
4' #7 - 2.5'	38090	"		4.8	2.88	2.88	Lead Zinc
10' #8 - 5'	38091	Sulph.		5.0	3.00	3.00	Lead Zinc
7' #9 - 3'	38092	"		8.0	4.80	4.80	Lead Zinc Coppe
8' #10 - 4.5'	38093	"		26.8	16.08	16.08	Lead Zinc
10' #11 - 4'	38094	"		20.2	12.12	12.13	Lead Zinc Coppe
6' #12 - 3'	38095	"		7.8	4.68	4.68	(Copper (Lead -
6' #13 - 3'	38096	"		5.6	3.36	3.36	(Zinc - Lead Zinc
4' #14 - 2'	38097	"		18.2	10.92	10.92	Lead Zinc Coppe

SAMPLES HELD FOUR MONTHS

Geo. A. James

## Assayers and Chemists

SAN FRANCISCO, CAL.

Received from \_\_\_\_\_

E. A. Haggott

SAMPLES HELD FOUR MONTHS	
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Antelope Springs  
Mine -

Juniper - Nevada

sampled by Johnson

142

# Antelope Springs mine

No. 1

Date May 15 1916

Name of Working tunnel No. 1

Location 10 feet from surface  
3 cuts to the sample

By Whom Taken J. A. Johnson

Width Sampled 2.6 Width Ore 2.6

Width Waste \_\_\_\_\_ Width Vein \_\_\_\_\_

Character of Ore Carbonate

Gold oz. \_\_\_\_\_

Zinc % 1.1

Copper % 1.4

Silver oz. 10.6

6.36

Lead % 7.7

No.

Original

No. 2

Date May 15 1916

Name of Working vein in No 2 tunnel

Location No 1 ore shoot

3 cutters to the sample 5 feet apart

By Whom Taken 10 feet from bottom the - tunnel

Width Sampled 2 feet

Width Ore 2 feet

Width Waste 2

Width Vein 4 feet

Character of Ore carbonat

Gold oz.

1 zinc tre  
Copper % 1.7

Silver oz. 22.8 { 13.68

Lead % 14.5



No. 3

Date May 15 1916

Name of Working Same as No. 2

Location 20 feet from tunnel

By Whom Taken

Width Sampled 2 feet Width Ore 2

Width Waste 2 Width Vein 4

Character of Ore Carbonate

Gold oz.

7 zinc  $\frac{1}{2}$   
Copper % 1.4

Silver oz. 11

6.60 Lead % 11.5

No. 4

Date May 15 1916

Name of Working Same as No. 3.

Location wing 60 feet from the  
bottom of No 2 tunnel East End

By Whom Taken 6 cutters to the sample

Width Sampled 2 feet Width Ore 2

Width Waste 2 Width Vein 4

Character of Ore carbonaceous

Gold oz. ~~7~~ 25 { 15.00 ~~7~~ fine .5-  
Copper % 2.9

Silver oz. 25 { 15.00 ~~7~~ Lead % 8.5-

No. 5

Date mar 15 1916

Name of Working Tunnel No 3 East End

Location ore shoot no 1

3 miles to the sample spot

By Whom Taken \_\_\_\_\_

Width Sampled 2 Width Ore 2

Width Waste 2 Width Vein 4

Character of Ore carbonat

7 frame 1.1

Gold oz. \_\_\_\_\_ Copper % \_\_\_\_\_

Silver 7 oz. 6.6 { 3.96 } Lead % 2.7



No. 6

Date May 15 1916

Name of Working Same as No 5

Location 3 cuttes to the surface.  
5 feet apart

By Whom Taken

Width Sampled 4 feet Width Ore 4

Width Waste 2 Width Vein 4

Character of Ore carbonate

Gold oz.  $\nearrow$  Zinc 2.1  
 $\nearrow$  Copper %

Silver oz. 4 { 2.40  $\nearrow$  Lead % 1.2

No. 7

Date May 15 1916

Name of Working Same as No 6

Location West Cand choost No 1

No 3 tunnel 3 cuttes - 5 ft apart

By Whom Taken

Width Sampled 2.6

Width Ore 2.6

Width Waste 2.

Width Vein 4.

Character of Ore carbonat

Time 3.9

Gold oz.

Copper %

Silver oz.

4.8 2.88

Lead %

2.3

No. 8

Date May 15 1916

Name of Working No 2 ore choot 148 ft

Location west of choot 1 in no 3 tunnel  
3 cuttes 5 ft apart

By Whom Taken

Width Sampled 5 feet Width Ore 5

Width Waste 5 Width Vein 10

Character of Ore Sulphide

Gold oz.

Silver oz.

7 Copper % 4.9

7 Lead % 2.4

zinc

5 { 3.00

No. 9

Date May 16 1916

Name of Working Same as no 8

Location Back of drift

3 cutters to Sample 5' gravel

By Whom Taken

Width Sampled 3 feet Width Ore 3

Width Waste 4 Width Vein 7

Character of Ore Sulphide

Gold oz. 7 fine 9.5

Silver oz. 8 { 4.80 } Copper % 2.6

Lead % 11.5



No. 10

Date May 16 1916

Name of Working Same as No 9

Location bottom of No. 3 tunnel

3 cutters to the sample 5 apart

By Whom Taken from the footing wall

Width Sampled av 4.6 Width Ore 4.6

Width Waste Width Vein 8

Character of Ore sulphide

7 zinc 11.0

Gold oz. Copper %

Silver oz. 26.8 { 16.08 Lead % 3.7

No. 11

Date May 16 1916

Name of Working Same as No. 10

Location bottom of No 3 Tunnel No 2 shoot

3 cuts 5 feet apart

By Whom Taken

Width Sampled 4 feet Width Ore 4

Width Waste Width Vein 10

Character of Ore Sulphide

Gold oz.

1 fine 11.0  
Copper % 1—

Silver oz.

20.2 { 12.13 / Lead % 2.3

No. 12

Date May 16 1916

Name of Working west of wing

Location bottom of No 3 tunnel

3 cutters 5 feet apart

By Whom Taken

Width Sampled 3 feet

Width Ore 3

Width Waste

Width Vein 6

Character of Ore Sulphide

Gold oz.

Copper %

Silver oz.

Lead %

zinc 4.6

1.9

8.4

7.8 { 4.68

No. 13 Date May 16 1916

Name of Working a 36 foot drift in rise

Location No. 2 ore choot 7 cuttes to this  
sampled 5 feet apart

By Whom Taken \_\_\_\_\_

Width Sampled av 3 feet Width Ore 3

Width Waste \_\_\_\_\_ Width Vein 6

Character of Ore Sulphide

7 zinc 4.9  
Gold oz. \_\_\_\_\_ Copper % \_\_\_\_\_

Silver 5.6 { 8.36 } Lead % 2.8



No. 14 Date May 16 1916

Name of Working Brace of small stopes

Location 35 feet up from No. 3 tunnel

Length of stope 20 feet. & cuts 5 -

By Whom Taken put apart on the foot wall

Width Sampled av 2 feet Width Ore 2

Width Waste \_\_\_\_\_ Width Vein 4'

Character of Ore Sulphide

7 Zinc 16.8

Gold oz. \_\_\_\_\_ 7 Copper % 1.4

Silver oz. 18.2 10.92 7 Lead % 10.1

No. 15

Date May 16 1916

Name of Working East Brast of No. 4 tunnel

Location No. 1 ore choot Length of ore choot  
48 feet Partly timbered up

By Whom Taken

Width Sampled 5 feet Width Ore 5

Width Waste Width Vein 7

Character of Ore Sulphide

Gold oz. 7 Zinc 4.9

Silver oz. 3.8 { 2.28 7 Lead % 1.8

No. 16 Date May 16 1916

Name of Working No. 4 tunnel

Location No. 1 ore shoot 3 cutters 5 feet apart

By Whom Taken

Width Sampled 7 feet Width Ore 7

Width Waste Width Vein 7

Character of Ore Sulphide

Gold oz. Copper %

Silver oz. 3.2 { 1.92 } Lead % 2.5

zinc 4.3

No. 17

Date May 16 1906

Name of Working top of Res 120 feet from

Location No 4 Tunnel 4 cutters 5 feet apart  
at this point the three No hanging wall

By Whom Taken \_\_\_\_\_

Width Sampled 7 feet Width Ore not known

Width Waste \_\_\_\_\_ Width Vein \_\_\_\_\_

Character of Ore Sulf

Gold oz. \_\_\_\_\_ 7 Zinc 1.8  
Copper % 2.6

Silver oz. 22.4 13.44 Lead % 8



No. 18

Date May 17 1906

Name of Working Same as No. 17 top of

Location 20 feet from top of rise

C 3 cutters 5 apart No. 2 ore chert

By Whom Taken

Width Sampled 6 feet Width Ore 6

Width Waste Width Vein 6

Character of Ore Sulfide

Gold oz.

Copper % 3.2

Silver oz. 26.1

Lead % 10.7

zinc 8.0

15-136

No. 19

Date May 17 1916

Name of Working Same as No 18

Location West End of Reiss

3 cuts 5' apart

By Whom Taken

Width Sampled 6

Width Ore 6

Width Waste

Width Vein 6

Character of Ore Sulfide

June 31.0

Gold oz.

Copper %

Silver oz.

14.878.88

Lead %

2.3

No. 200121 Date May 17 1916

Name of Working The character of

Location foot wall rock No 21 The hanging wall rock

By Whom Taken

Width Sampled Width Ore

Width Waste Width Vein

Character of Ore

Gold oz. Copper %

Silver oz. Lead %



No. No. 22 Date May 17 1916

Name of Working No 3 Tunnel dump

Location or Length 50 feet

width 15 feet

By Whom Taken high 10 feet

Width Sampled 13" Width Ore

Width Waste Width Vein 18"

Character of Ore

10 cisttes

7 zinc 15.2

Gold oz. Copper %

Silver oz. 11.0 { 6.00 } Lead % 5.3

No. 23

Date May 17

1916

Name of Working No 4 tunnel

Location Length 40 feet

width 18 feet

By Whom Taken as high 5 feet

Width Sampled

Width Ore

Width Waste

Width Vein

Character of Ore

8 cutters to sample

Zone 8.4

Gold oz.

Copper %

2.6

Silver oz.

Lead %

3.4

5.473.24

No.

No 24

Date

May 17

19 16

Name of Working

The Nevada Superior

Location

Mine, Lower Level

240 feet from the surface

By Whom Taken

Width Sampled

7

Width Ore

7

Width Waste

Width Vein

7

Character of Ore

8.5% Cu, 5.1% Au, 1.32% Pb

Gold oz.

Copper %

Silver oz.

2.2 { 1.32

Lead %

3.4



No. 25

Date May 17 1914

Name of Working 100 feet East of

Location Sample No 24 same level

By Whom Taken

Width Sampled 4 feet Width Ore 4

Width Waste Width Vein 8

Character of Ore

Gold oz. Copper %

Silver oz. 2.27 1.32 Lead % 3.0

No. 26

Date May 17 1918

Name of Working Same ore shaft as

Location Sample No 24 - 25 This

Sample was taken near the

By Whom Taken Surveys

Width Sampled 10 feet Width Ore 10

Width Waste Width Vein 10

Character of Ore Carbonate

Gold oz.

Copper %

Silver oz.

3.50 { 3.00

Lead %

2.7  
6.9





Rev. Suf.

## Machinery

1. Saylor-Dunn-Jordan -

direct steam driven - 2 stg,

14x14x9x16

#16957

1- 2 T Weston chain hoist

2- Smith Vail boiler feed pumps

1- #9 Cochran heater

1- 100 horiz. mt. tub. 4" flue  
boiler - Oil burner fitted

1- 5000 gal. cylindrical oil  
tank 4' 15" drums at mine

1- 10000 gal. tank at sulphur

1- 10x14 - port brake steam hoist

1- 30 R. p. - 1000' - 3/4 rope

1- 6x8 vert. exp.

1- 8" diam. cycloidal blower

1- Skiff - abt. 12 cu. ft.

1- 42x96" air receiver

3- 14 cu ft. cans

1- 16 " " " "

1- Smith-Vail 8x6x10 long pump

1- #5 Cameron blower -

5- self dump - 9 cu ft buckets

1- Complete blacksmith outfit  
except forge blower

1- 40 h.p. locomotive-port boiler

1- 35 " " "

8000 gal. oil at sulphur

2000 " " " mill

New - Sup.

Shaft.

300' deep.

100' collar down on 65° dip to N.E.  
then straight to 300.

Drain adit taps 260 level

Good Corr. rd iron. Lait house

" " " " Mill bldg.  
" " " " dry house - conc

Mill bldg. 4 story 30x60

Gizzles & Blake crushers - 150 T

bin - pipe, trommels -

elevator - 4 Wilfleys - 3 Directos

{ Camp  
Buildings can be used  
but not fit to move.

all laterals are tracked

Shaft - sinker on 260 level

300 level { Sft. E. 250'

" W 245'

2200' drive E. on 300 will find 900' level

8/18/16. Power Attorney  
Antelope Springs Mining Co.  
Reads as follows:-

"give & convey a good and  
sufficient title on all the  
lands, claims and other  
properties owned, claimed  
or belonging to the said  
Antelope Springs Mining Co.  
within the County of Humboldt  
State of Nevada for the sum  
of \$1000.00 or to sell & convey  
of the same".

Is this a valid Power Attorney  
in that it does not specify  
the names of the claimants?

No power to grant deed except  
for Antelope Springs as above  
Both Powers the same.  
& to John W. Fisher - Junr.

7/19/16. Antelope Spring

1. Adit #3 - Diabase dike cuts across (diagonally) at 50' from entry - Course N. 45° E. Does not alter or cause metamorphic zone minerals, but causes much local faulting.

2. Adit #4 - I do not believe Shoot #2 will come down to this level from where it shows in raise 70' above level, but believe these shoots to be lenticular masses and that the thickest portion of #2 shoot is on level of Adit #3.

3. It is 105' from Raise in which Shoot #2 shows, to the face of Adit #4. The shoot with a 1:3 slope (as indicated) would have been cut by Adit #4 at 70' from the raise.



CERTIFICATE  
OF  
ASSAY

WINNEMUCCA ASSAY OFFICE  
L. D. HUBBARD, PROPRIETOR  
ASSAYING, CHEMICAL ANALYSIS AND  
GENERAL TESTS ON ORES

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*Ernesta Haggott*

WINNEMUCCA, NEV., 8-22-1916

WE HAVE ASSAYED YOUR SAMPLE WITH THE FOLLOWING RESULT:

OFFICE NUMBER	MARKED	GOLD OUNCES PER TON	GOLD VALUE PER TON	SILVER OUNCES PER TON	SILVER VALUE PER TON	GOLD AND SILVER VALUE PER TON	PERCENTAGE OF		
							LEAD	COPPER	
	No 388	.10		6.40			2.1	rev. Sup.	
	" 9	Trace		1.00			none	"	4
	" 90	"		33.00			5.2	Antelope	
	" 1	.15		4.05			none	"	

ALLEN C. EAKIN, M. D.  
ROCKFORD, - ILLINOIS

Aug. 26, 1916

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E.A. Haggott,  
Insurance Exchange Bldg.,  
San Francisco, California.

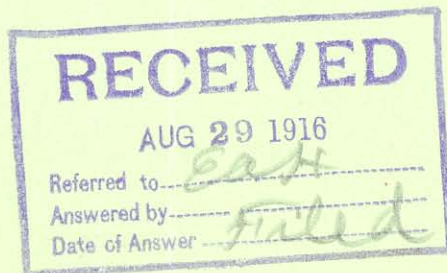
Dear Sir,-

Yours of 22nd inst. explaining why you do <sup>not</sup> want to try out the Antelope, at hand. Altho' it is a great disappointment to me, still I thank you for your frank and brotherly letter. I appreciate the fact that you took the time from your business to write me so fully. It is quite a severe jolt coming from a man of your standing, but I'll have to buck up and figure some way out of the matter.

I note what you say about taking up the propositions of Mr. Polam or Mr. Burch and will take matter up with Mr. Geiger. Again thanking you for your explicit letter, I am always,

Yours sincerely

*Allen C. Eakin*

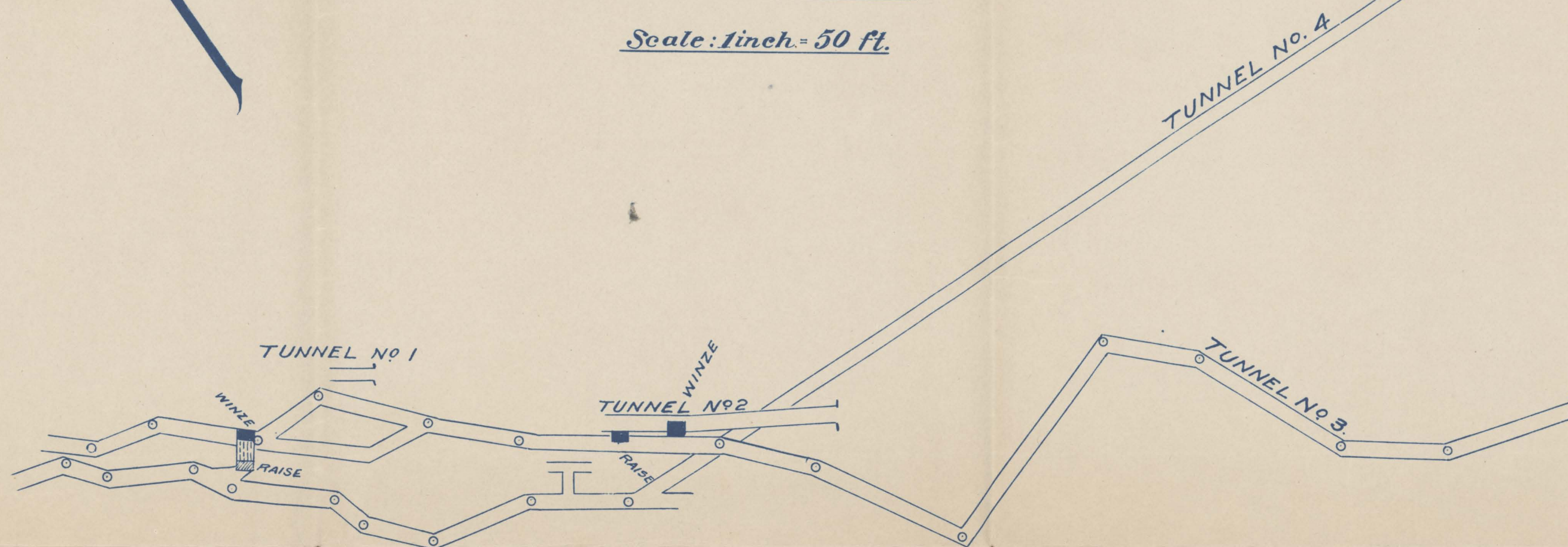




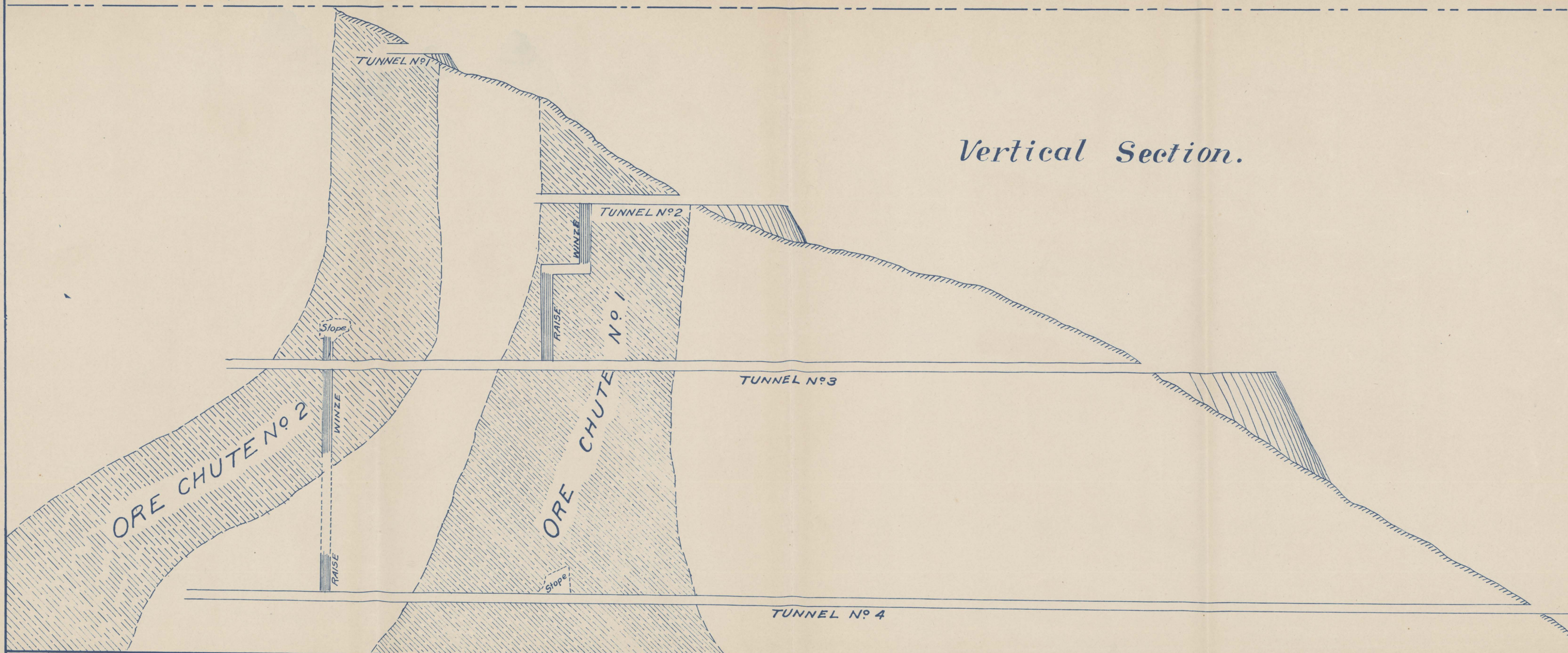
*PLAN*  
*of the*  
*UNDERGROUND WORKINGS*  
*ANTELOPE SPRING MNG. CO.*

*HUMBOLDT CO. NEVADA*

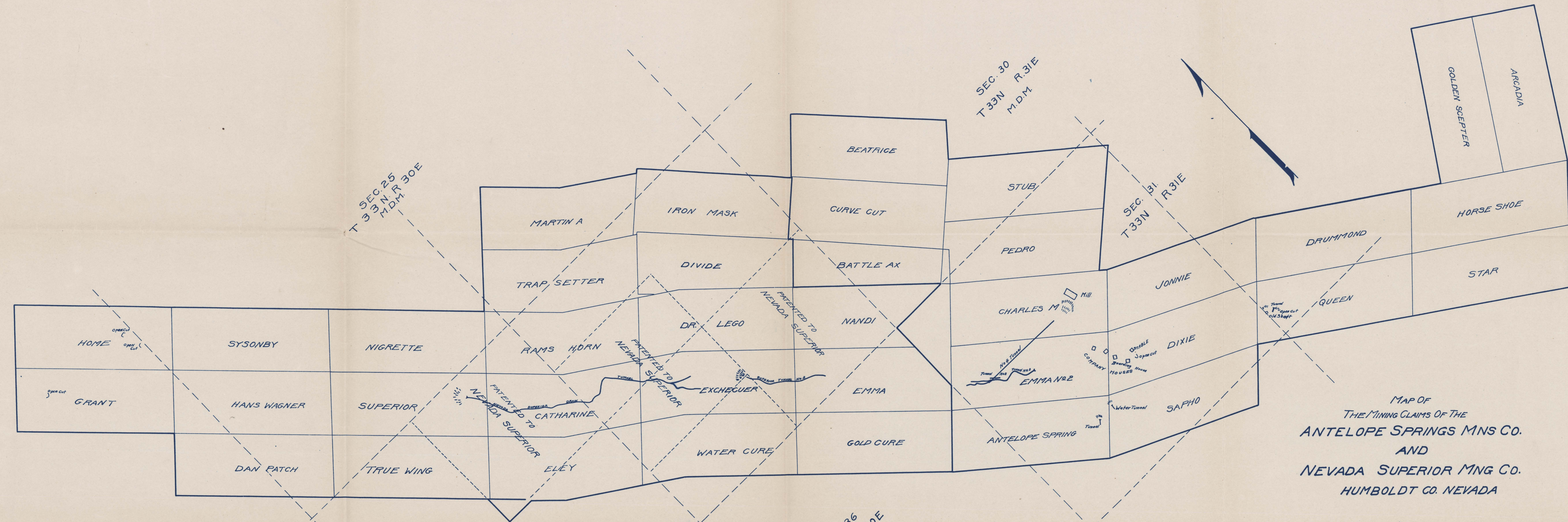
*Scale: 1 inch = 50 ft.*



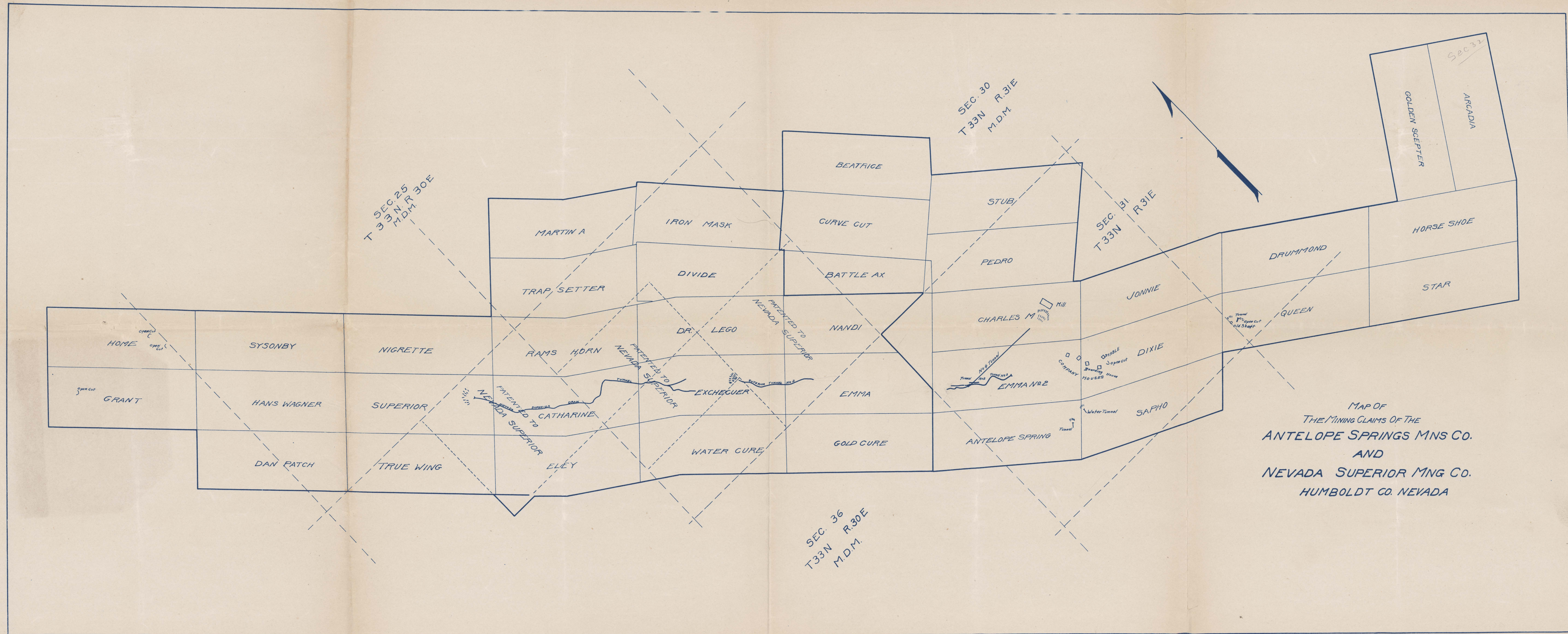
*Vertical Section.*











MAP OF  
THE MINING CLAIMS OF THE  
ANTELOPE SPRINGS MNS CO.  
AND  
NEVADA SUPERIOR MNG CO.  
HUMBOLDT CO. NEVADA