

Wonder

NEVADA BUREAU OF MINES AND GEOLOGY  
UNIVERSITY OF NEVADA RENO  
RENO, NEVADA 89557-0088

54206076

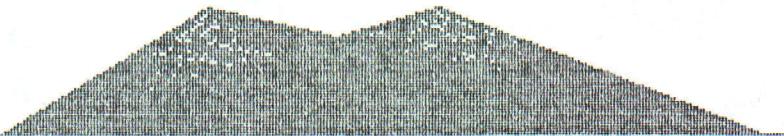
Spider-Wasp  
Archie Brown data

RETURN POSTAGE GUARANTEED

Woodell

# WONDER MINING DISTRICT

CORNER RELOCATION SURVEY



DATE: JUNE 11-15, 1984

BY: M. LAGIER  
T: LAGIER  
E: LAGIER

CODE NAME FOR FILE, MINES

USLM # 191 = \* 1 = N 100,000.00, E. 100,000.00 (Assumed)

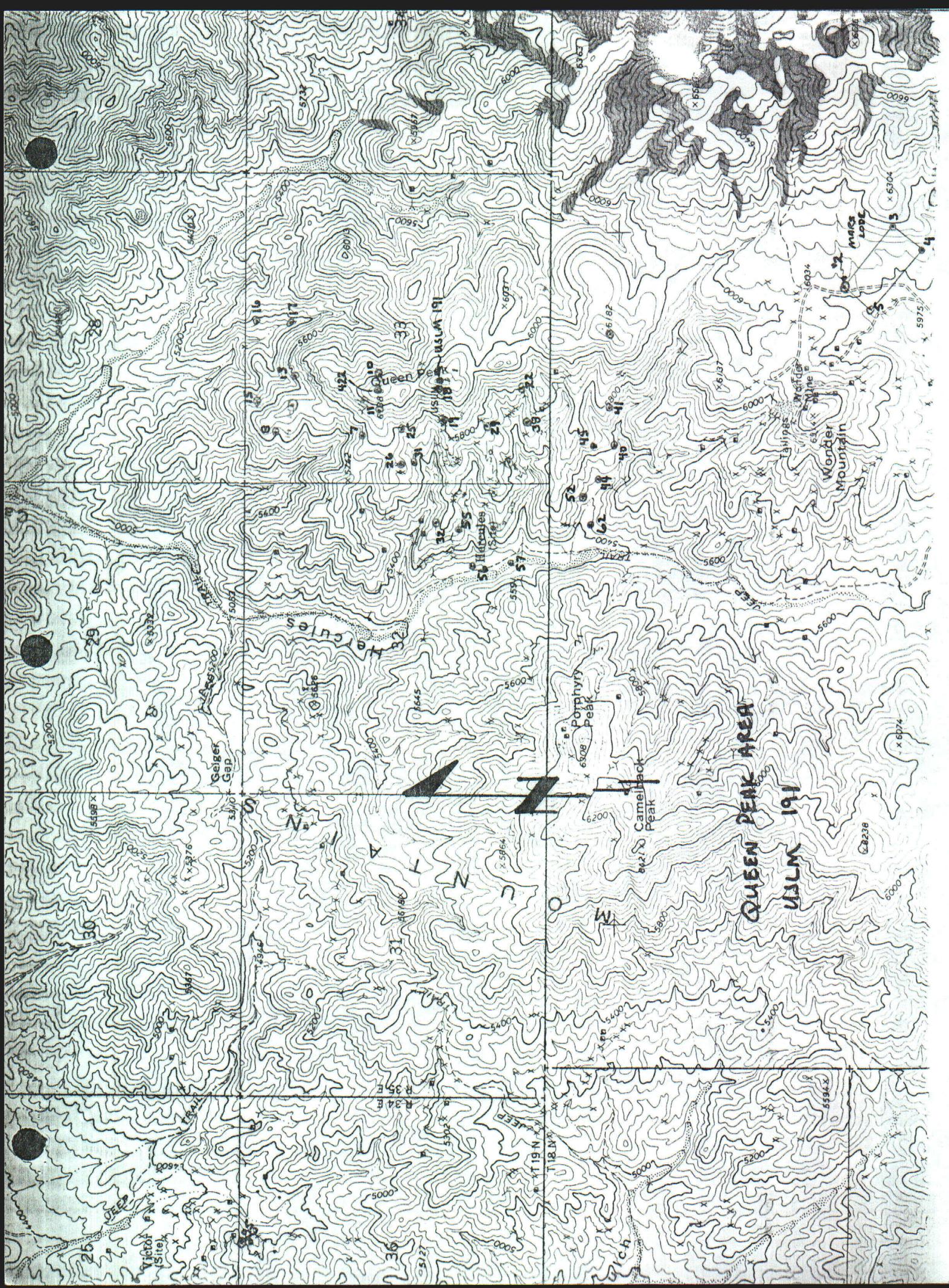
USLM # 200 = \* 64 = N 300,000.00 E. 300,000.00 (assumed)

IN DATA FILE	USLM NO.	MINERAL SURVEY NO.	CLAIM SYMBOL	CLAIM NAME.	POINT NO.s
✓	191	3070	-	MARS LODGE.	2-5
	191	3750	✓ HILLTOP FRACTION ✗ HERCULES ✓ HERCULES #2 ✓ HERCULES #3 ✓ HILLTOP. ✓ JACKRABBIT ✓ WORM ✓ BEAUTY ✓ LIZARD NO.1 GRAND VIEW FRACTION	46-49 60-65 38-41 18-23 42-45 50-53 24-29 34-37 30-33 54-59	H.F. H H2 H3. HT JB W B L1 GU
✓	191	3732	✓ GOLD BAR NO.4 ✓ NEW YORK NO.2 ✓ BLISTER FOOT	6-9 10-13 14-17	GC NY BF
	200	3424	- ✓ Bumble Bee ✓ Grey Horse ✓ Grey Horse #1 ✓ Grey Horse #2 Triangle Fraction Kingstone LODE	65-70 71-76 83-88 77-82 87-94 95-100	B G+ G+ G+ TF KS
	200	3885	- ✓ Lost Chord King Midas King Midas #1 King Midas #2 King Midas #3	101-105 106-110 111-116 117-122 123-126	LC KM KM TF KS

QUEEN PEAK - USLM 191      6-22-84

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POINTS ON COMPUTER PRINTOUT THAT HAVE BEEN CIRCLED ARE POINTS  
THAT HAVE EITHER BEEN SET OR POINTS THAT HAVE BEEN FOUND.  
THE POINTS THAT WERE SET, WERE SET WITH A HUB AND STAKE. POINTS  
FOUND ARE POINTS WHERE A 4 X 4 POST WAS FOUND AND/OR PILE OF  
ROCKS AS NOTED BY EACH CIRCLED POINT.



C  
COORDINATES IN FEET

SCALE 1" = 500

1: 6000

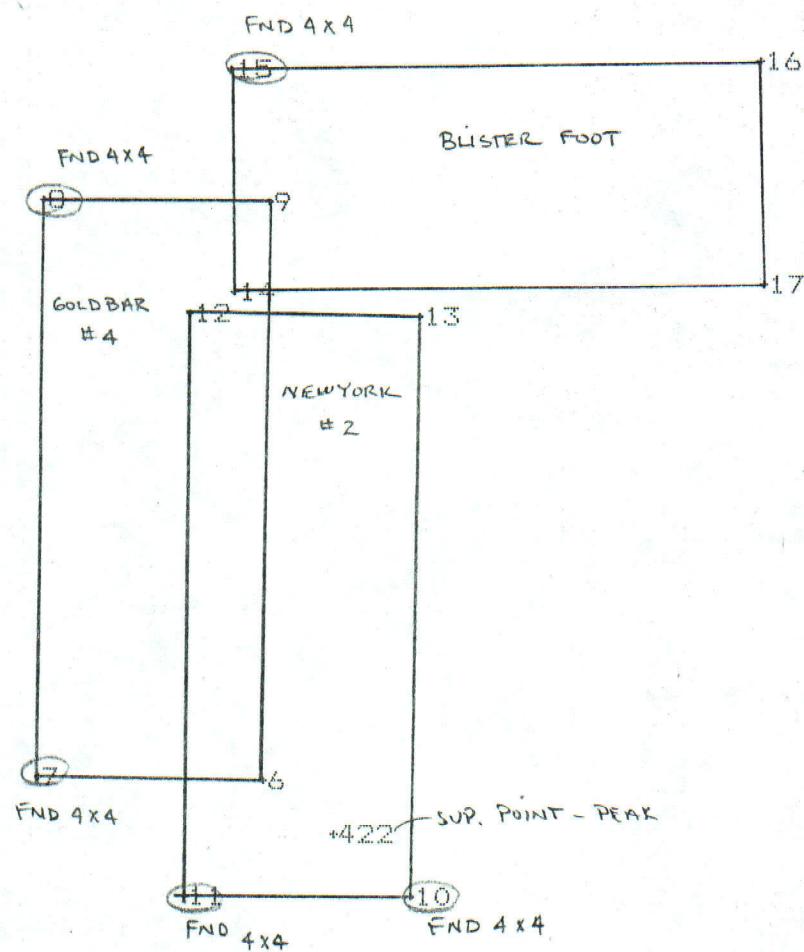
ROTATION 0

AT POINT 8

RIGHT 2

DOWN 1

F



+1<sup>e</sup> USLM 191

QUEEN PEAK

C  
COORDINATES IN FEET

SCALE 1" = 500

1: 6000

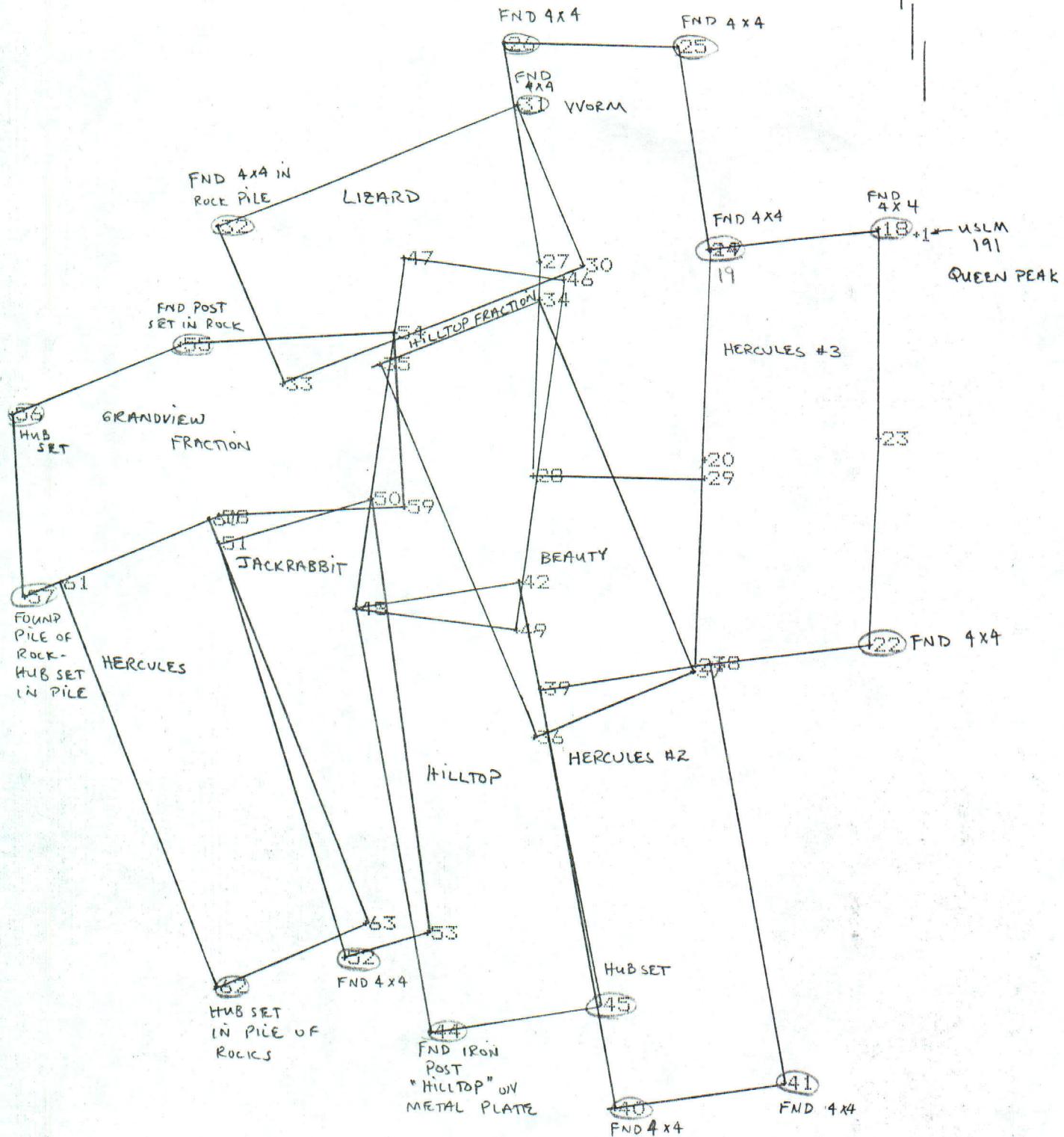
ROTATION 0

AT POINT 56

RIGHT .5

DOWN 3.1

F



COORDINATES IN FEET

SCALE 1" = 500

1: 6000

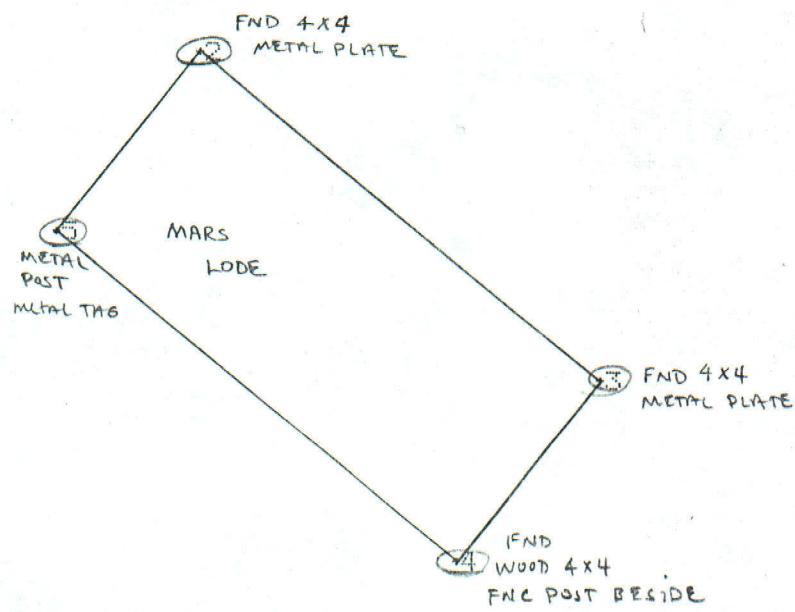
ROTATION 0

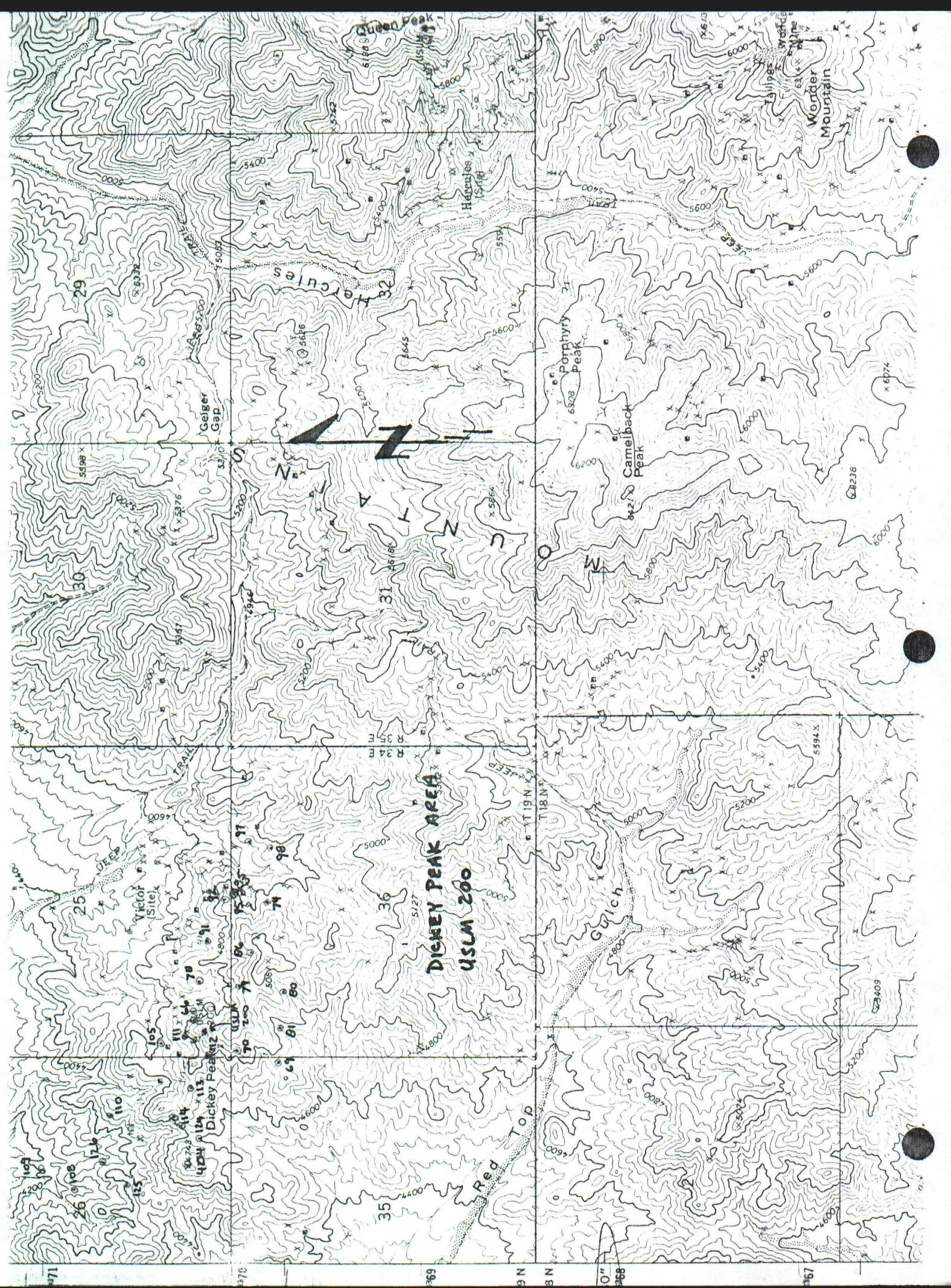
AT POINT 5

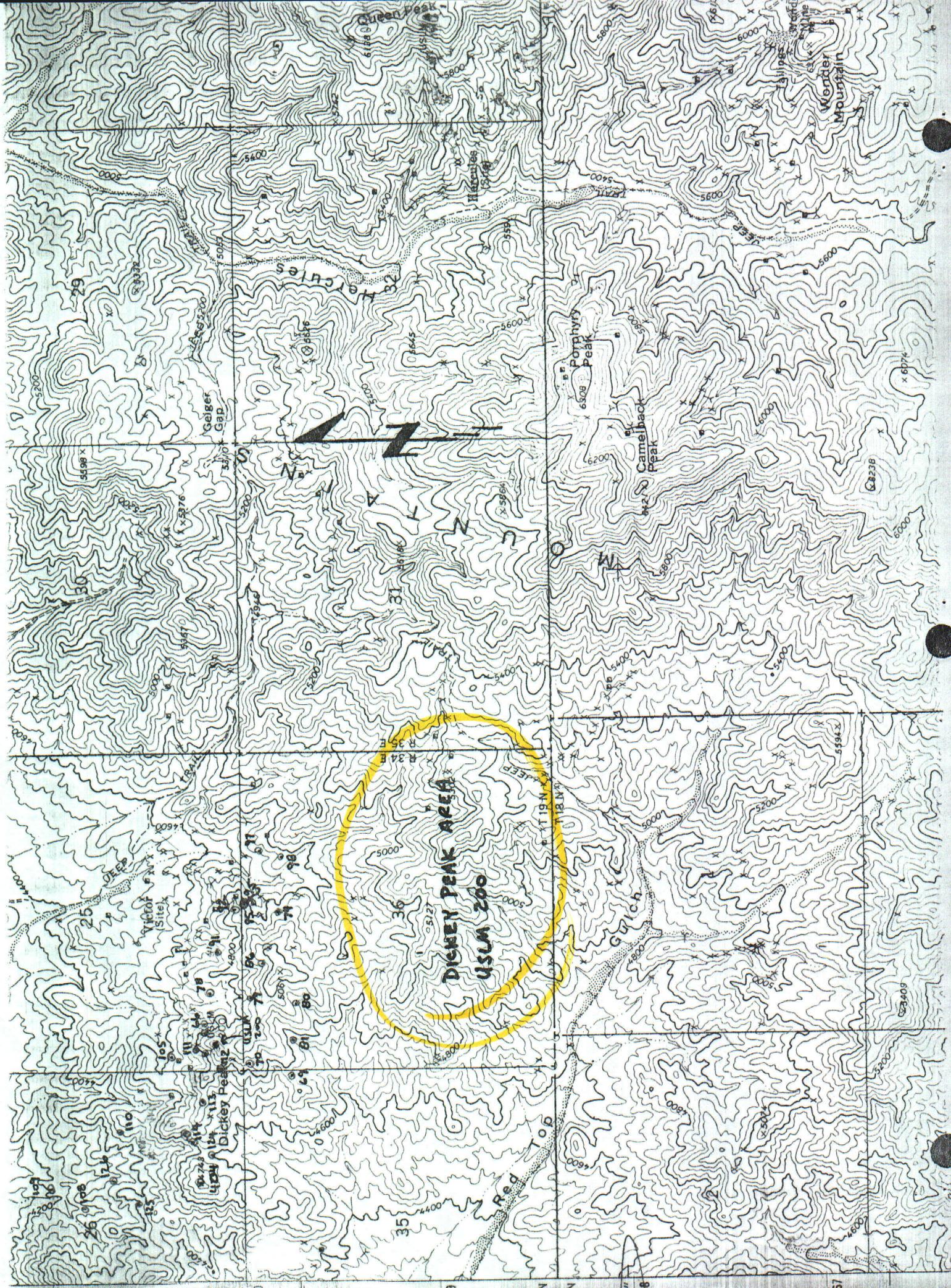
RIGHT 2

DOWN 2

F







Claim Located June 3, 1906

Mineral Survey No. 3064

LOT NO.

Carson City

Land District.

**PLAT**

OF THE CLAIM OF

Spider-Wasp Mining Company  
KNOWN AS THE

SPIDER, WASP, TONY PAH, LONG  
NEL AND LAST CHANCE LODES

IN Wonder MINING DISTRICT,  
Churchill COUNTY, Nevada  
Containing an Area of 70.608 Acres.  
Scale of 400 feet to the inch.

Variation 17°30' East  
SURVEYED April 16-15, 1907 BY

Arthur Philbrick U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of  
Spider-Wasp Mining Company  
known as the  
"Spider," "Wasp," "Tony Pah," "Long Nel"  
and "Last Chance" Lodes

from which this plat has been made under my direction,  
have been examined and approved, and are on file in this office;  
and I hereby certify that they furnish such an accurate description  
of said Mining Claim as will, if incorporated into a patent,  
serve fully to identify the premises, and that such reference  
is made therein to natural objects or permanent monuments  
as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has  
been expended or improvements made upon said Mining  
Claim by claimant or grantors, and that  
said improvements consist of

that the location of said improvements is correctly shown  
upon this plat, and that no portion of said labor or im-  
provements has been included in the estimate of expendi-  
ture upon any other claim.

And I further certify that this is a correct plat of said Mining  
Claim made in conformity with said original field notes of the  
survey thereof, and the same is hereby approved.

54200076

Monte Loyd of Fallon  
may have some information  
ph 423-5003

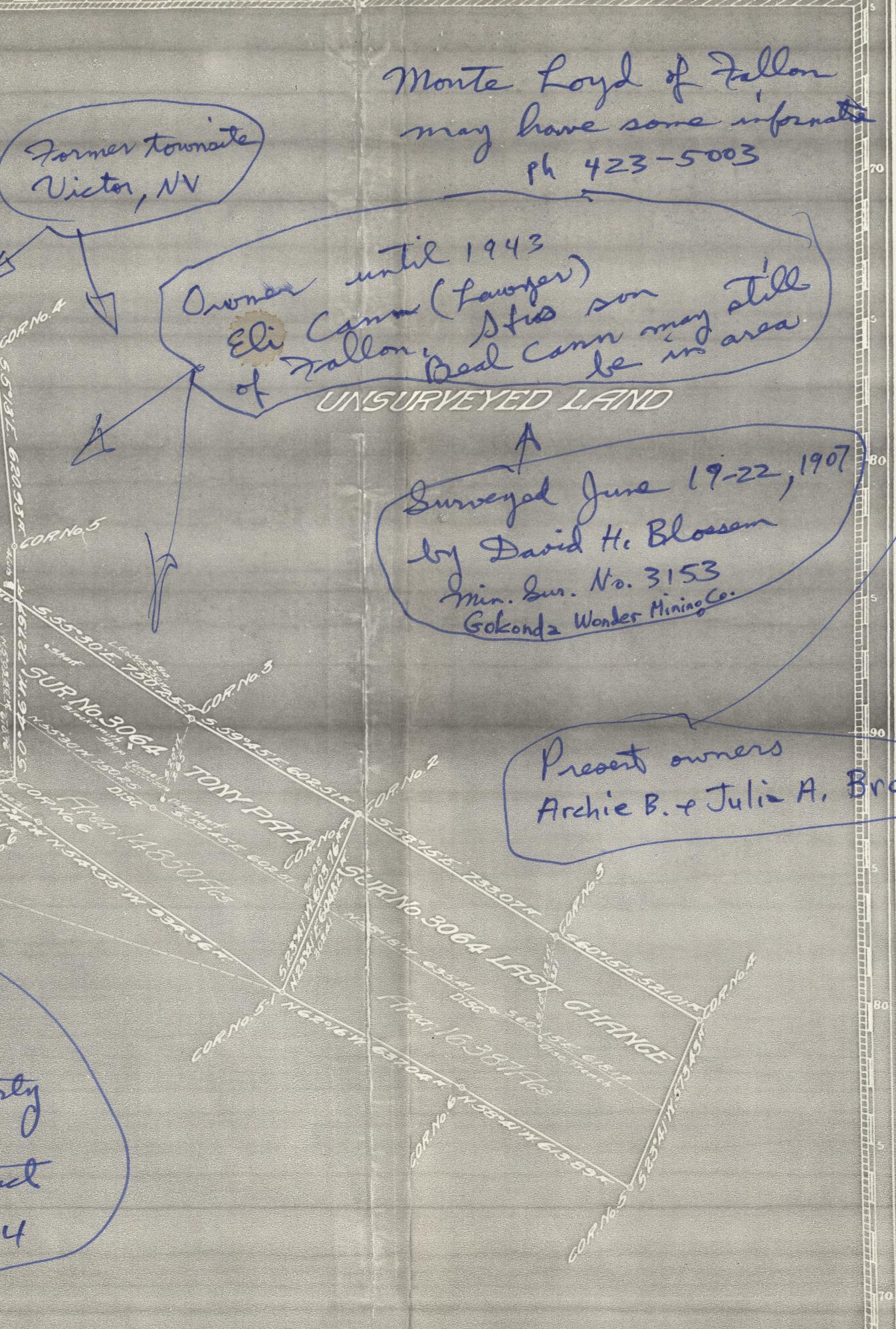
Former townsite  
Victor, NV

Owner until 1943  
of Eli Conn (lawyer)  
Fallon. His son  
Beal Conn may still  
be in area.

UNSURVEYED LAND

A  
Surveyed June 19-22, 1907  
by David H. Blossom  
Min. Sur. No. 3153  
Gokonda Wonder Mining Co.

Present owners  
Archie B. & Julie A. Brown



COORDINATES IN FEET

SCALE 1" = 500

1: 6000

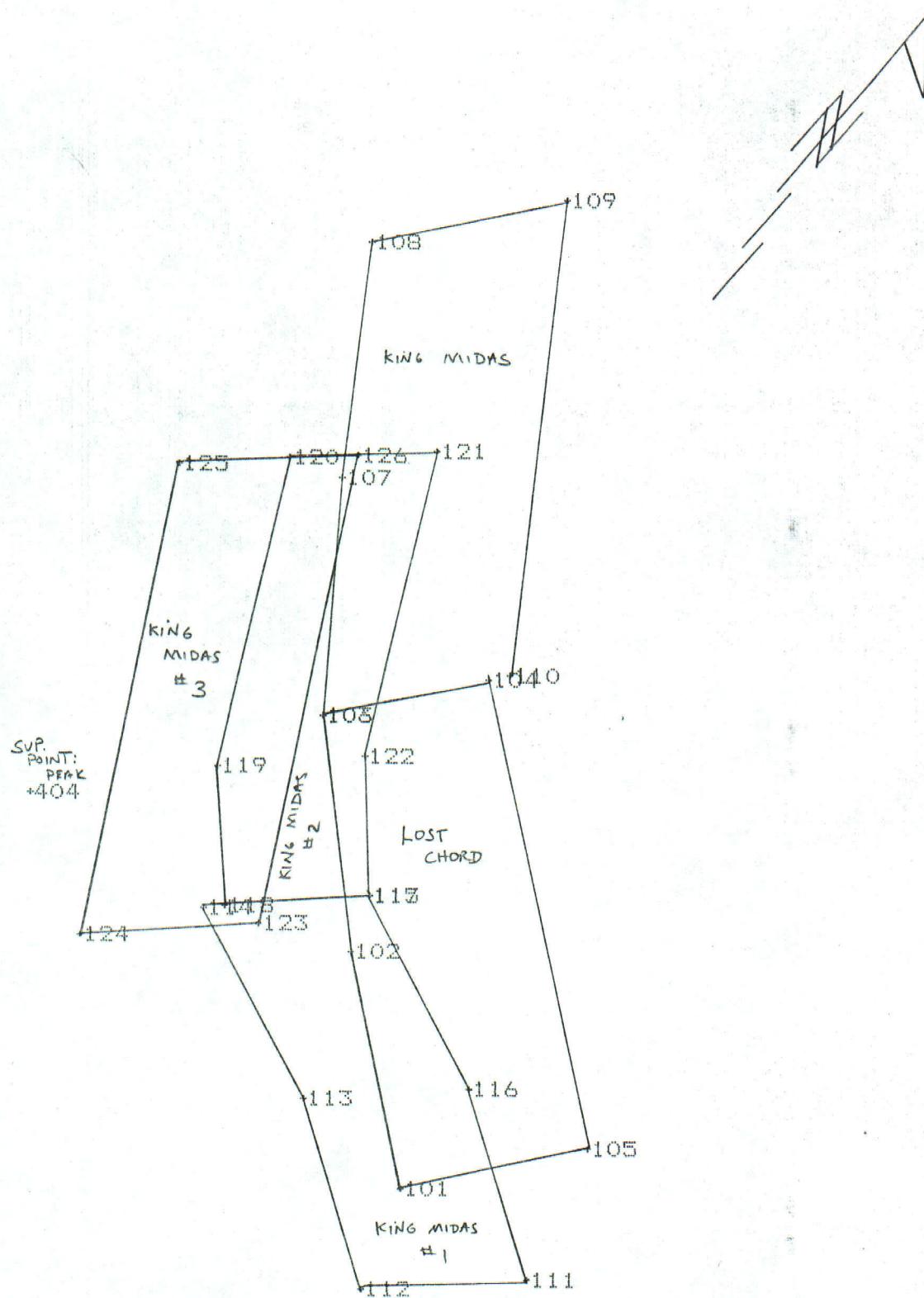
STATION 45

AT POINT 125

RIGHT 2.5

DOWN 2.1

Γ



+64 USLM 200

DICKEY PEAK

### E COORDINATES IN FEET

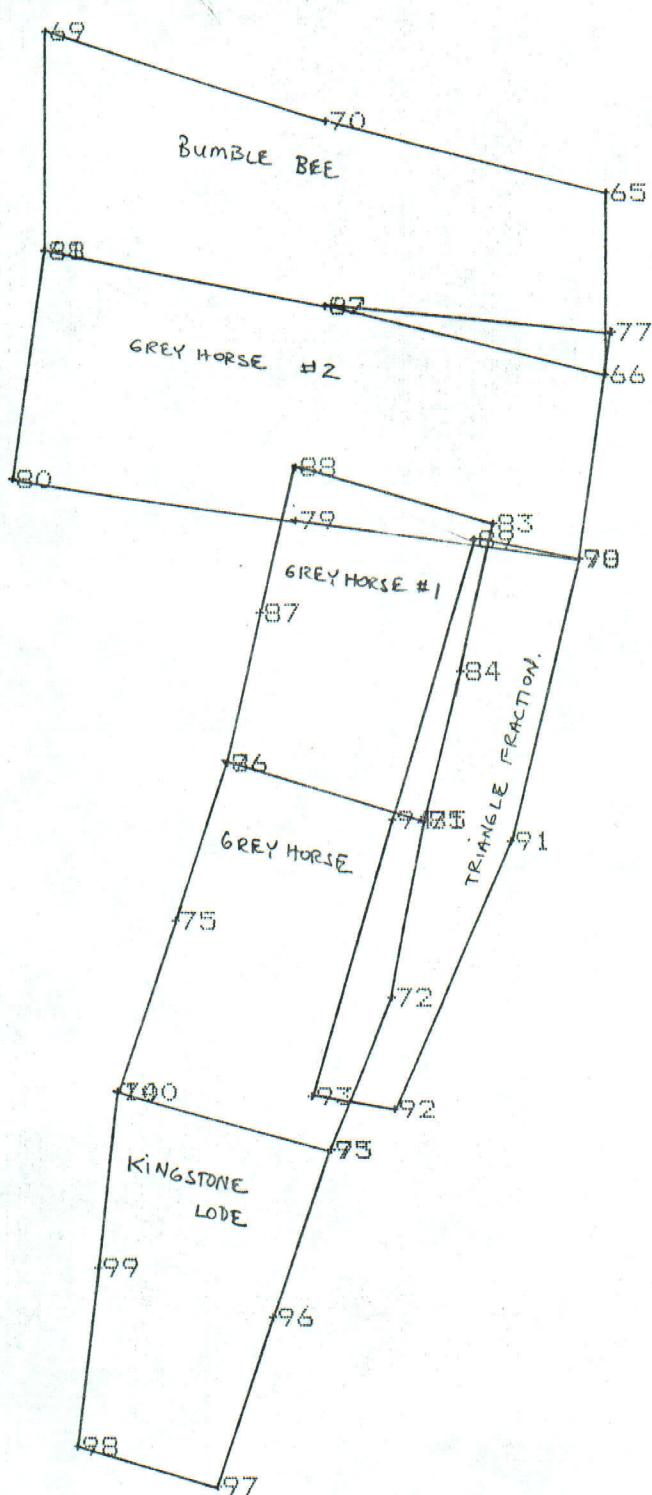
SCALE 1" = 500  
1: 6000

### ROTATION 90

AT POINT 69

RIGHT 1

DOWN - 1



1550 - 5085  
1700 - 5577

50 METER CONTOUR INTERVAL

METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL CONTOUR INTERVAL (FEET)			METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL CONTOUR INTERVAL (FEET)			METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL CONTOUR INTERVAL (FEET)		
		50	80	100			50	80	100			50	80	100
2150														
50	164	150	160	200	2050	6725	6750	6720	6700	4050	13287	13300	13280	13300
100	328	350	320	300	2100	-6890	6300	6880	6900	4100	13451	13450	13440	0
150	492	500	480	500	2150	7054	7050	7040	0	4150	13615	13600	13600	13600
200	656	650	640	0	2200	7218	7200	7200	7200	4200	13779	13800	13760	13800
* 250	820	800	800	800	*2250	7382	7100	7360	7400	*4250	13944	13950	13920	0
300	984	1000	960	1000	2300	7516	7550	7520	0	4300	14108	14100	14080	14100
350	1148	1150	1120	0	2350	7710	7700	7680	7700	4350	14272	14250	14240	14300
400	1312	1300	1280	1300	2400	7874	7850	7840	7900	4400	14436	14450	14400	14400
450	1476	1500	1440	1500	2450	8038	8050	8000	8000	4450	14600	14600	14560	14600
* 500	1640	1650	1660	1600	*2500	8202	8200	8240	8200	*4500	14764	14750	14800	14800
550	1804	1800	1840	1800	2530	8366	8350	8400	8400	4550	14928	14950	14960	14900
600	1968	1950	2000	2000	2600	8530	8550	8500	8500	4600	15092	15100	15120	15100
650	2133	2150	2160	2100	2650	8694	8700	8720	8700	4650	15256	15250	15230	0
700	2297	2300	2320	2300	2700	8858	8850	8880	0	4700	15420	15400	15440	15400
* 750	2461	2450	2480	2500	*2750	9022	9000	9040	9000	*4750	15584	15600	15600	15600
800	2625	2600	2640	2600	2800	9186	9200	9200	9200	4800	15748	15750	15760	0
850	2789	2800	2800	2800	2850	9350	9350	9360	0	4850	15912	15900	15920	15900
900	2953	2950	2960	0	2900	9514	9500	9520	9500	4900	16076	16100	16080	16100
950	3117	3100	3120	3100	2950	9678	9700	9680	9700	4950	16240	16250	16240	16200
*1000	3281	3300	3280	3300	*3000	9842	9850	9840	0	*5000	16404	16400	16400	16400
1050	3445	3450	3440	0	3050	10007	10000	10000	10000	5050	16568	16550	16560	16600
1100	3609	3600	3600	3600	3100	10171	10150	10160	10200	5100	16732	16750	16720	16700
1150	3773	3750	3760	3800	3150	10335	10350	10320	10300	5150	16896	16900	16880	16800
1200	3937	3950	3920	3900	3200	10499	10500	10480	10500	5200	17050	17050	17040	17100
*1250	4101	4100	4080	4100	*3250	10663	10650	10640	10700	*5250	17224	17200	17200	17200
1300	4265	4250	4240	4300	3300	10827	10830	10800	10800	5300	17388	17400	17360	17400
1350	4429	4450	4400	4400	3350	10991	11000	10980	11000	5350	17552	17550	17520	0
1400	4593	4600	4560	4600	3400	11155	11150	11120	0	5400	17716	17700	17680	17700
1450	4757	4750	4720	0	3450	11319	11300	11280	11300	5450	17881	17900	17920	17900
*1500	4921	4900	4960	4900	*3500	11483	11500	11520	11500	*5500	18045	18050	18080	0
1550	5085	5100	5120	5100	3550	11647	11650	11680	0	5550	18209	18200	18240	18200
1600	5249	5250	5280	0	3600	11811	11800	11840	11800	5600	18373	18350	18400	18100
1650	5413	5400	5440	5400	3650	11975	12000	12000	12000	5650	18537	18550	18560	18500
1700	5577	5600	5600	5600	3700	12139	12150	12160	12100	5700	18701	18700	18720	18700
*1750	5741	5750	5760	0	*3750	12303	12300	12320	12300	*5750	18865	18850	18880	18900
1800	5905	5900	5920	5900	3800	12467	12450	12480	12500	5800	19029	19050	19040	19000
1850	6070	6050	6080	6100	3850	12631	12650	12640	12600	5850	19193	19200	19200	19200
1900	6234	6250	6240	6200	3900	12795	12300	12800	12800	5900	19357	19350	19360	0
1950	6398	6400	6400	6400	3950	12959	12950	12960	13000	5950	19521	19500	19520	19500
*2000	6562	6550	6560	6600	*4000	13123	13100	13120	13100	*6000	19685	19700	19680	19700

FOOT CONTOUR LISTED MAY BE USED FOR GIVEN METRIC CONTOUR. ZERO (0) INDICATES METRIC CONTOUR LINE MUST BE INTERPOLATED.  
INDEX METRIC CONTOURS ARE INDICATED BY ASTERISKS (\*). PAGE NO. 113

## 60 METER CONTOUR INTERVAL

METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL	CONT. INTERVAL (FEET)	50		100		METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL	CONT. INTERVAL (FEET)	50		100		METRIC ELEV	FOOT EQUIV	SOURCE MATERIAL	CONT. INTERVAL (FEET)	50		100	
				50	100	50	100					50	100	50	100					50	100		
60	197	200	200	1560	5118	5100	5100	3050	10039	10050	10000	4560	14961	14950	15000								
120	394	400	400	1620	5315	5300	5300	3120	10236	10250	10200	4620	15157	15150	15200								
180	591	600	600	1680	5512	5500	5500	3180	10433	10450	10400	4680	15354	15350	15400								
240	787	800	800	1740	5709	5700	5700	3240	10630	10650	10600	4740	15551	15550	15600								
* 300	984	1000	1000	*1800	5905	5900	5900	*3300	10827	10850	10800	*4800	15748	15750	15700								
360	1181	1200	1200	1860	6102	6100	6100	3360	11024	11000	11000	4860	15945	15950	15900								
420	1378	1400	1400	1920	6239	6300	6300	3420	11220	11200	11200	4920	16142	16150	16100								
480	1575	1550	1600	1980	6496	6500	6500	3480	11417	11400	11400	4980	16339	16350	16300								
540	1772	1750	1800	2040	6693	6700	6700	3540	11614	11600	11600	5040	16535	16550	16500								
* 600	1968	1950	2000	*2100	6290	6900	6900	*3600	11811	11800	11800	*5100	16732	16750	16700								
660	2165	2150	2200	2160	7087	7100	7100	3660	12008	12000	12000	5160	16929	16950	16900								
720	2362	2350	2400	2220	7283	7300	7300	3720	12205	12200	12200	5220	17126	17150	17100								
780	2559	2550	2600	2280	7480	7500	7500	3780	12402	12400	12400	5280	17323	17300	17300								
840	2756	2750	2800	2340	7677	7700	7700	3840	12598	12600	12600	5340	17520	17500	17500								
* 900	2953	2950	3000	*2400	7874	7850	7800	*3900	12795	12800	12800	*5400	17716	17700	17700								
960	3150	3150	0	2460	8071	8050	8100	3860	12992	13000	13000	5460	17913	17900	17900								
1020	3346	3350	3300	2520	8263	8250	8300	4020	13189	13200	13200	5520	18110	18100	18100								
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1140	3740	3750	3700	2640	8661	8650	8700	4140	13583	13600	13600	5640	18504	18500	18500								
*1200	3937	3950	3900	*2700	8858	8850	8900	*4200	13779	13800	13800	*5700	18701	18700	18700								
1260	4134	4150	4100	2760	9055	9050	9100	4260	13976	14000	14000	5760	18898	18900	18900								
1320	4331	4350	4300	2820	9252	9250	9300	4320	14173	14150	14200	5820	19094	19100	19100								
1380	4528	4550	4500	2880	9449	9450	9400	4380	14370	14350	14400	5880	19291	19300	19300								
1440	4724	4700	4700	2940	9646	9650	9600	4440	14567	14550	14600	5940	19486	19500	19500								
*1500	4921	4900	4900	*3000	9842	9850	9800	*4500	14764	14750	14800	*6000	19685	19700	19700								

FOOT CONTOUR LISTED MAY BE USED FOR GIVEN METRIC CONTOUR. ZERO (0) INDICATES METRIC CONTOUR LINE MUST BE INTERPOLATED.  
INDEX METRIC CONTOURS ARE INDICATED BY ASTERISKS (\*).

# Stoping Methods at the Nevada Wonder Mine

By THOMAS M. SMITHER X *← my uncle*

The Nevada Wonder vein is of the fissure type, inclined at an angle of 75°; the foot-wall is rhyolite; and the hanging wall rhyolite, or occasionally dacite. The orebody itself, in most cases, is much fractured and crushed; the gangue consists principally of quartz, feldspar, and kaolin. The average width is five or six feet. No water is encountered. The walls in the lower levels are insecure and cave away in large masses, thus rendering useless both the stull system of support and the shrinkage system of stoping; although the shrinkage system was used to great advantage from the 400-ft. level to the surface, where the walls were fairly firm and stood well.

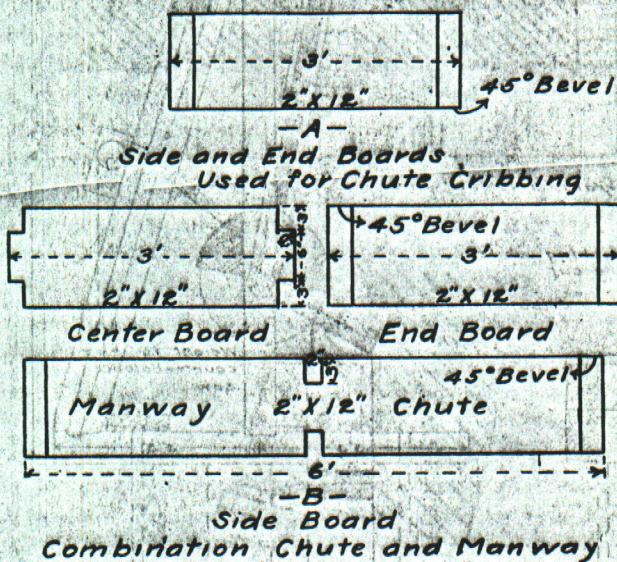


FIG. 1.

The method at present employed is a waste-filling system. The salient features are:

1. The mining of waste material for filling, from the walls of the stope, by inclined rises.
2. The cribbing system of chutes and manways, using a minimum amount of timber.

As the waste broken during development cannot always be economically transported to the stopes requiring filling, the method of breaking waste by means of inclined rises was adopted. The small amount of timber required by this method is an important consideration, as all supplies are hauled from Fallon, Nevada, the nearest railroad point, which is 60 miles distant, thus making the cost of timber somewhat excessive.

The cribbing used for ore passages are cut from 2 by 12-inch Oregon pine lagging, to the dimensions shown in A, Fig. 1, and are built up by placing upon the 2-in. edge (Fig. 2). When both a chute and manway are desired, the cribbing is cut as in B, Fig. 1. A 24-in. swinging circular saw is used to cut the cribbing; it is of the American, Style D, type, and is self-contained and elec-

trically driven. This saw has been arranged for the purpose at the mine, and is also used to cut stulls and other timber. The saw and the details of the arrangement for cutting the cribbing are shown in Fig. 3 and Fig. 4.

The first thing done is to start the stope by making one cut above the back of the drift. A row of stulls and posts is then placed in position. The stulls are covered with a layer of 3 by 12-in. planking, and chutes and foundations for cribbing are built in (Fig. 5). The first few sets of cribbing are constructed of 3 by 12-in. lagging instead of the usual 2 by 12, to secure a firm foundation. A rise for waste is next started and suffi-

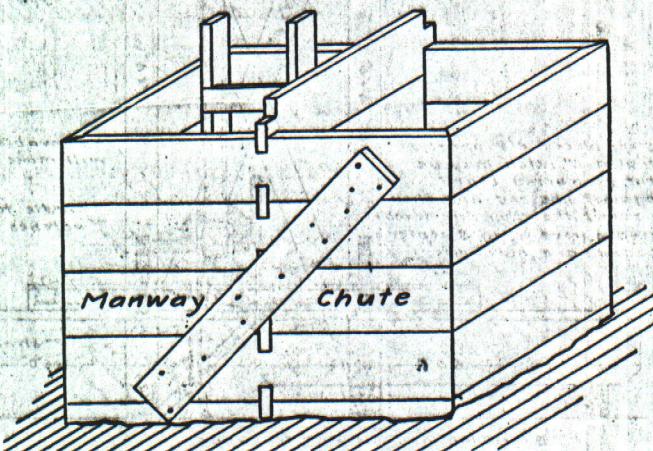


FIG. 2.

cient waste is broken to cover the flooring to a depth of 2 or 3 ft., for protection of the timbers. The waste is then leveled off and covered with a plat of 2 by 12-in. plank to receive the broken ore. The waste-rises are started as near the back of the stope as possible, by this means securing a greater length of service.

The stoping now proceeds in a series of steps. The ore in one end is drilled and shot down; sufficient is then drawn out to leave just enough head-room for a miner and a Waugh drill to operate efficiently. The back is next drilled with 5-ft. holes, and the holes left unloaded until required. This drilling upon the broken ore gives the miner a safe position close to the back and at the same time prevents falling masses of ore from mixing with the filling. As soon as the drilling is completed, as much ore as possible is drawn out through the chutes; the remainder is shoveled into them and where necessary wheel-barrows are used. The plat is next taken up and waste-filling begun.

The chutes and manways are first built up several sets and temporarily held in position by a brace of

Written by

F. J. Schrader

(July 29, 1947)

Titled: "Mining Districts  
of the Carson Sink  
~~District Area Nevada~~  
- Wonder District"

Furnished copy of USGS  
Unpublished report about mining  
districts of Carson Sink Area  
(Wonder District) to my uncle

3336 Laguna St.,  
San Francisco 23, Calif.,  
Feb., 16, 1958

Mr. Karl V. Steinbrugge,  
Pacific Fire Rating Bureau,  
465 California St., San Francisco 4

Leaned this  
report and  
not returned

Dear Mr. Steinbrugge:

In compliance with your request, I am writing you my impressions of the earthquake which occurred on October 2, 1915 at Wonder, Nevada.

I was a resident of Wonder at the time and my principal impression was of the severity and duration of the shake.

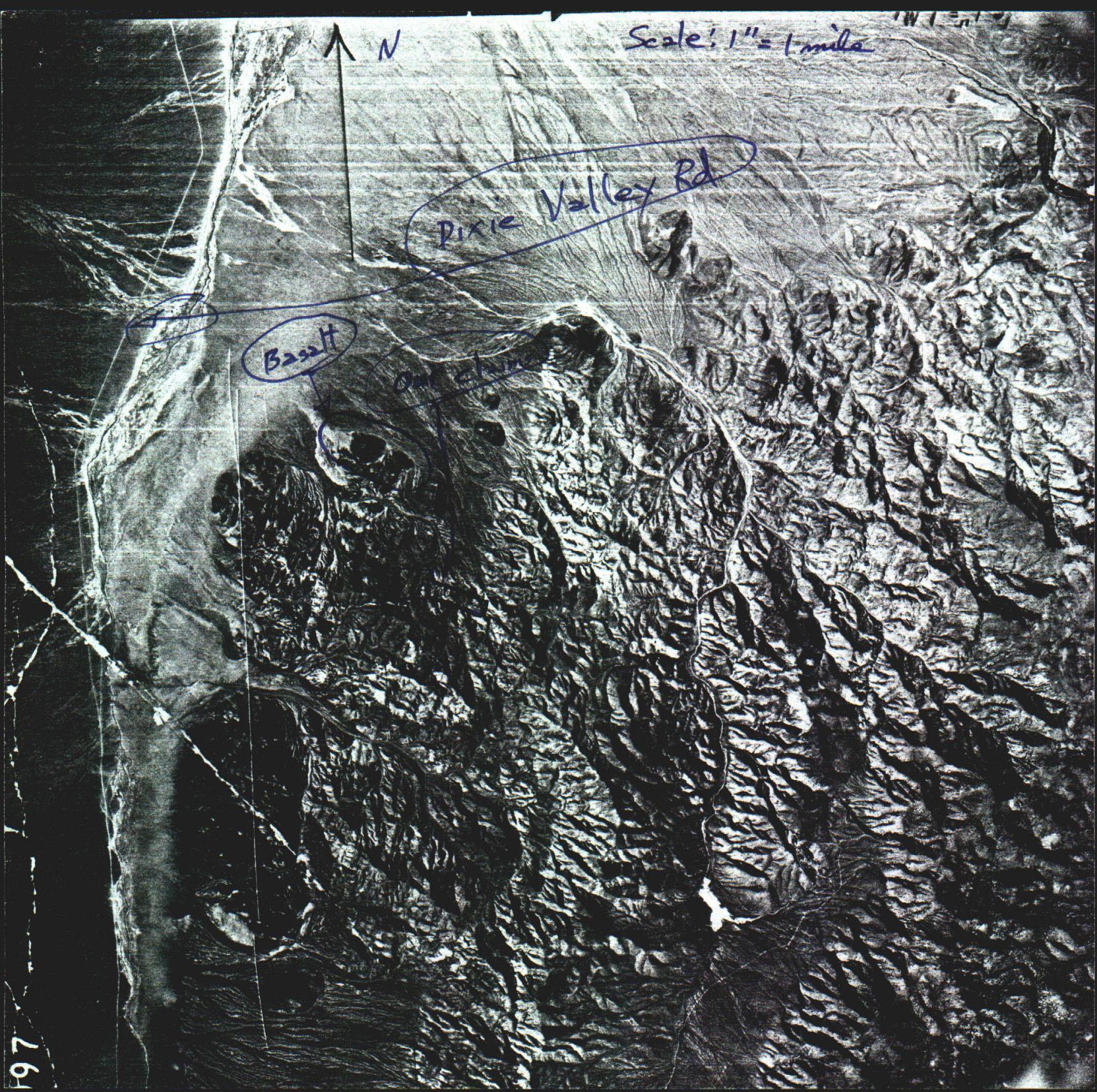
I experienced the earthquake in San Francisco in 1906, and estimated that the intensity of the earthquake at Wonder was of equal if not greater than that of the San Francisco earthquake.

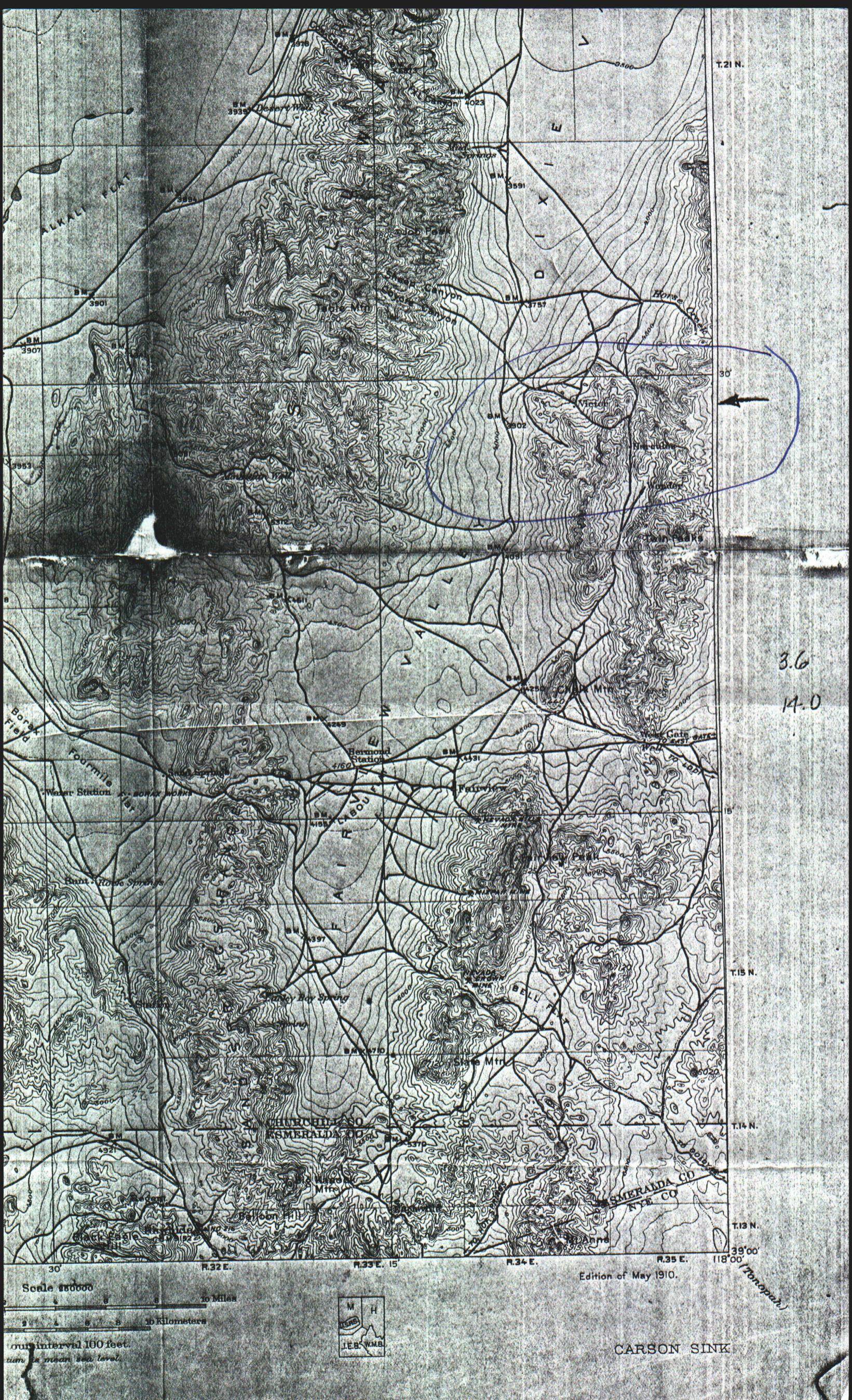
To the best of my remembrance, there was no damage of any consequence, either on the surface or underground at the Nevada Wonder Mine.

Very truly yours,

Thomas H. Smither

11 P.M. Sat., Oct. 2, 1915





0.35" = 1000'

REVISED MAP OF  
U.S. PATENT LOCATION SURVEYS  
**WONDER**  
MINING DISTRICT  
CHURCHILL COUNTY  
NEVADA

SCALE OF FEET  
1000' = .35"

D.H. BLOSSOM — H.H. NELGROVE  
Mining Engineers Draftsmen  
Copyright 1907 by David H. Blossom

54200076

Copyright has been reserved on the map to prevent its use as a means of identification.

Index to Map of Wonder Mining District

Ada M. Group	C-D-2	Owl Wonder Mining Co.	C-6
Ajus Wonder Mining Co.	E-F-4	Pearl Wonder Mining Co.	C-7
Alice Wonder Mining Co.	C-8	Fikes Peak Group	C-7
Annette Group	G-4-5	Futes Wonder Mining Co.	A-B-2-3
Atlanta Group	D-4-7	Frouette Gold Mining Co.	D-2-3
Badger Group	F-4-5	Fortune Wonder Mining Co.	D-2-3
Bald Eagle Mining Co.	D-3-5	Quee Anne Wonder Mining Co.	C-4-5
Bebe Holes Mining Co.	E-F-6	Rambler Group	C-4-5
Black Rock Wonder Mining Co.	G-4	Ramsey Wonder Gold Mining Co.	B-2-3
Capitol Wonder Mining Co.	C-D-3	Rex Wonder Mining Co.	E-4 F-G-7
Castie Rock Wonder Mining Co.	C-4-5	Rich Gulch Wonder Mining Co.	D-E-4
Christmas Wonder Mining Co.	D-4-5	Rose Group	B-2-3
Colorado Group	D-4-5	Rose Wonder Mining Co.	B-2-3
Columbian Wonder Mining Co.	G-4-5	Roxline Wonder Mining Co.	B-C-2
Crown Wonder Mines Co.	D-4-5	Ruby Wonder Extensive Mining Co.	D-2
Dairy Wonder Mining Co.	B-C-4	Sandwich Group	C-2-3
Dark Wonder Mining Co.	B-C-5	Sargeant Wonder Mining Co.	C-D-2-3
Desert Wonder Mining Co.	C-4-7 & B-C-5	Sheep Trail Group	C-2-3
Dickey Wonder Mining Co.	B-3	Shephard Light Group	C-2-3
Doctor Mining Co.	C-5-6	Shoshone Wonder Mining Co.	D-2
Fremont Group	D-4-5	South Wonder Mining Co.	B-C-2
Globe Wonder Mining Co.	C-D-4	Starlight Group	B-2-3
Gold Condor Group	B-C-3	Treasury Hill Group	B-2-3
Gold King Group	E-7-8	Vena Grada Consolidated Mining Co.	D-2
Gold Rock Mining Co.	C-D-4	Victor Wonder Mining Co.	B-2-3
Hearts Desire Group	C-4-5	Vulture Wonder Mining Co.	C-2
Hercules Wonder Mining Co.	C-4-5	Vulture Miners Co.	C-2
Hidden Treasure Mining Co.	C-4-5	Whiffle Group	C-2
Holy Ghost Group	C-4-5	White Cloud Wonder Mining Co.	C-2-3
Doc's Group	F-3-4	White Blue Jay Mine Co.	C-2
Imperial Wonder Mining Co.	B-3-4	Wonder Bonanza Mining Co.	C-2
Jack Pot Fraction Mining Co.	C-6-7	Wonder Central Gold Co.	D-2
Joe Wonder Mining Co.	D-E-5-6	Wonder Consolidated Mining Co.	E-2-3
June Wonder Mining Co.	D-4-5	Wonder Combined Mine Co.	E-2-3
Little Joe Group	C-4-5	Wonder Dictator Mining Co.	E-2-3
Lion's Head Group	C-4-5	Wonder Fruition Mining Co.	E-2-3
Lost Chard Mining Co.	B-3	Wonder Intension Mining Co.	E-2-3
Lucky Wonder Mining Co.	D-E-5-6	Wonder Frustation Mining Co.	C-2
Marie Wonder Mining Co.	C-D-2	Wonder Gold Rod Mining Co.	C-2
Mascot Mining Co.	B-6-7	Wonder Gold Bar Mining Co.	C-2
Miami Wonder Mining Co.	E-F-3-4	Wonder Gold Rod Mining Co.	D-2
Mineral Point Group	C-D-3	Wonder Great Eastern Mining Co.	B-2-3
Mineral Ranch Group	C-D-4	Wonder Jack Pot Mining Co.	C-D-2
Minnie Group	C-D-4	Wonder King Mining Co.	C-2
Mineral Wonder Mining Co.	C-D-4	Wonder Macet Mining Co.	D-2
Miraph Wonder Mining Co.	D-E-7-8	Wonder Mohawk Mining Co.	C-D-2
Monetta Wonder Mining Co.	D-4-5	Wonder Mountain Mining Co.	F-4 F-G-2-3
Nancy Wonder Mining Co.	D-4-5	Wonder Nevada Bills Co.	C-2
National Wonder Mining Co.	C-D-6-7	Wonder Quartz Gold Co.	C-2
Nevada Chief Group	D-4-5	Wonder Queen Mining Co.	D-2
Nevada Golden Wonder Mining Co.	E-F-2	Wonder Reddy Cash Mining Co.	C-2
Nevada Great Wonder Mining Co.	E-F-2	Wonder Shady Rose Mining Co.	C-2
Nevada Green Gold and Mining Co.	C-3-4	Wonder Syndicate Mines Co.	B-2-3
Nevada Golden Wonder & Mining Co.	C-3-4	Wonder View Mining Co.	D-2
Nevada Wonder Mining Co.	D-E-6-7	Wende War Eagle Mining Co.	B-2-3
North Star Wonder Mining Co.	D-4-5		
Oro Wonder Mining Co.	C-5		

Claim Located

Mineral Survey No. 3064

LOT NO.  
Carson City

Land District.

**PLAT**  
OF THE CLAIM OF

Spider-Wasp Mining Company  
KNOWN AS THE

SPIDER, WASP, TONY PAH, LONG  
NEL AND LAST CHANCE LODGES

Mining District.

COUNTY, Nevada

Acres.

Containing an Area of 10.608

Scale of 400 feet to the inch.

Variation 17°30' East

SURVEYED April 16-15, 1907 BY

Arthur Philbrick U.S. Deputy Mineral Surveyor

The Original Field Notes of the Survey of the Mining Claim of  
Spider-Wasp Mining Company

known as the  
"Spider," "Wasp," "Tony Pah," "Long Nel"  
and "Last Chance" Lodges

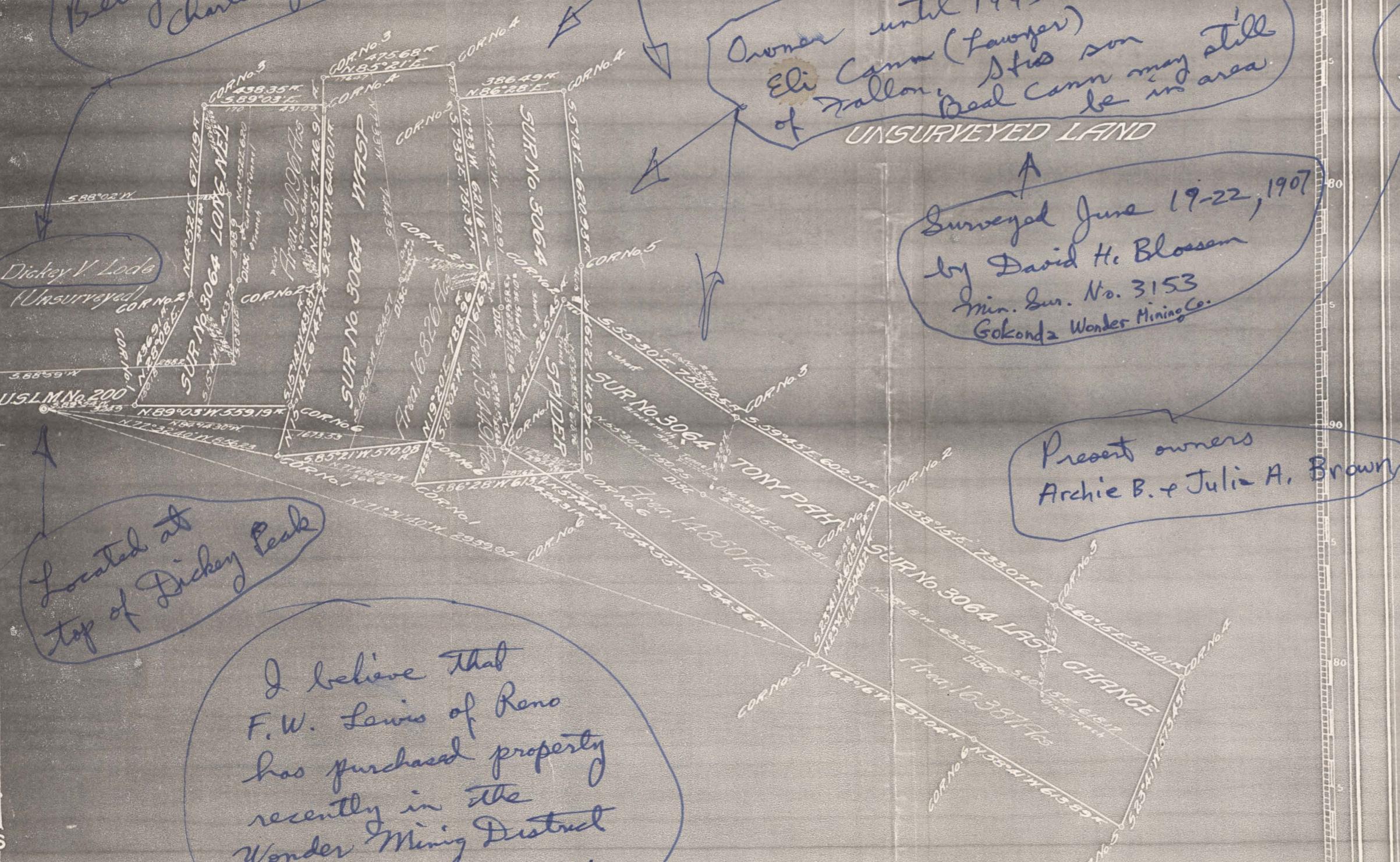
I, from which this plat has been made under my direction,  
have been examined and approved, and are on file in this office;  
and I hereby certify that they furnish such an accurate descrip-  
tion of said Mining Claim as will, if incorporated into a patent,  
serve fully to identify the premises, and that such reference  
is made therein to natural objects or permanent monuments  
as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has  
been expended or improvements made upon said Mining  
Claim by claimant or grantors, and that  
said improvements consist of

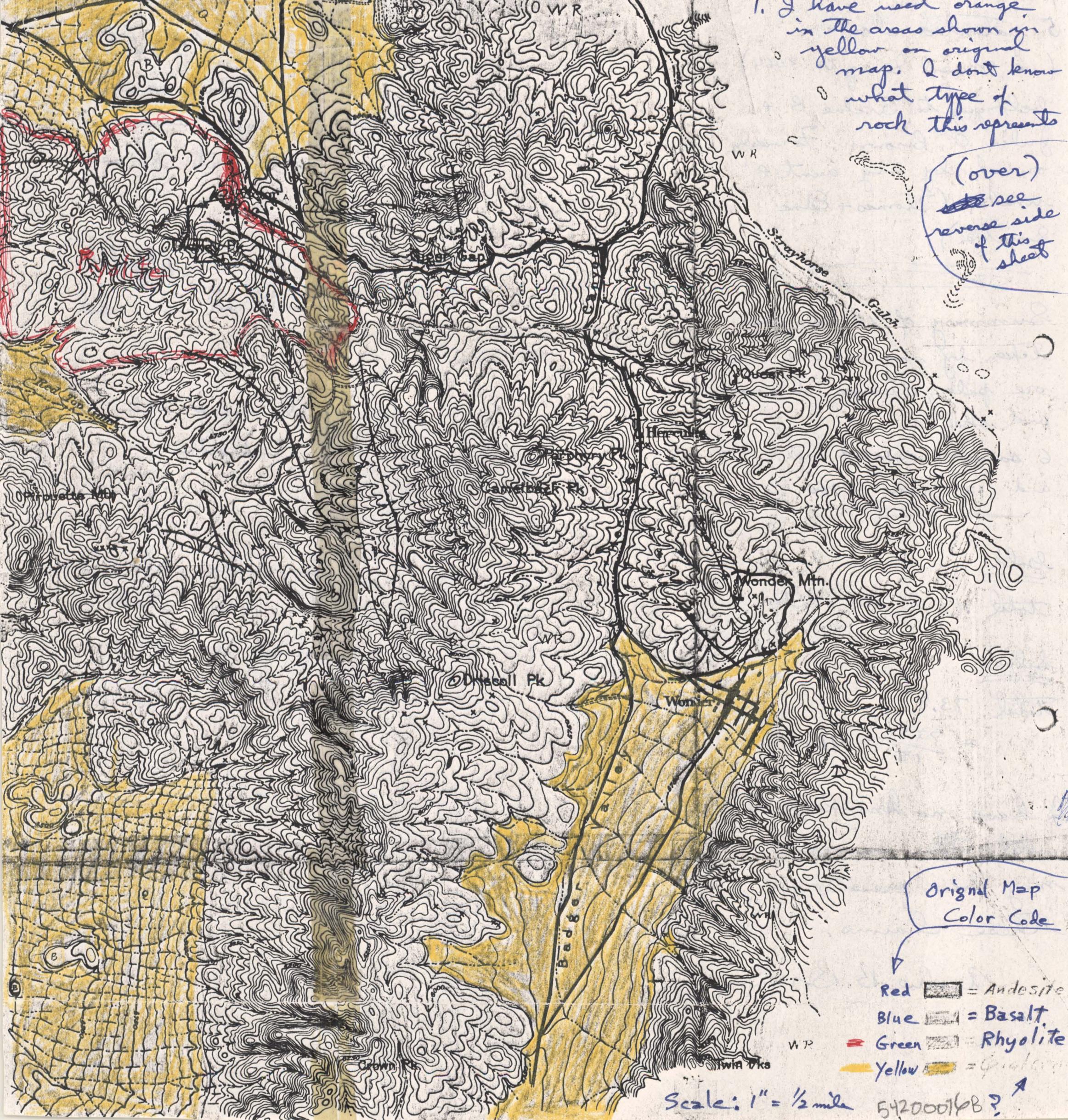
that the location of said improvements is correctly shown  
upon this plat, and that no portion of said labor or im-  
provements has been included in the estimate of expendi-  
ture upon any other claim.

And I further certify that this is a correct plat of said Mining  
Claim made in conformity with said original field notes of the  
survey thereof, and the same is hereby approved.

I believe that  
F.W. Lewis of Reno  
has purchased property  
recently in the  
Wonder Mining District  
ph 826-2404



Monte Loyd of Fallon  
may have some information  
ph 423-5003



5 patented claims  
(see Mineral Survey No. 3064)  
belonging to Archie B. +  
Julie A. Brown. Formerly  
owned by my aunt &  
uncle (Thomas + Edna  
Smith).

Summary of 18 samples  
taken by my uncle from  
ore pile, dumps, tunnels  
and shafts.

6 samples assayed Sept. 4, 1959  
and 12 June 7, 1960

Gold  
total .17  $\approx$  .01 oz/ton

Silver  
Total 73.8  
 $= \frac{73.8}{15} = 4.1$  oz/ton

2. Areas represented by blue (Basalt) on original map are two peaks at upper left of map, and a couple of small areas at lower left of map.
3. Area represented by green (Rhyolite) on original map is outlined in red on this map.
4. All <sup>other</sup> areas on original map are indicated to be Andesite

I assume the information above is correct since it has been taken from a map I found in my uncle's papers.

I have no knowledge of what other minerals may be present on these claims.

Archie B. Brown