

Field Book #102

102

2

102

98
Beagle Bay

Deverman's place 3

to Aug 1st

16 1/2

16

17

Mr C. Selby

18

19

15- August 1st

20

20- of 1st

22

27- of 1st

23

29- of 1st

24

May 3- of 1st

28

" 7- of 1st

29

" 9- of 1st

30

22- of 1st

31

The survey of the Ditch
or Floom below given was
started at a stake set on the
left bank of cow Creek. 5 feet
and 6 inches above low water
mark. from which
the N.W. of Freeland Cornett
Homestead entry bears $N 34^{\circ} E, 264$
ch and $S 44^{\circ} E, 12.00$ ch.

The same being the N.W. corner
of the S.E. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ of
Section 2, T33, S. R. 7, N.

3

Isabel Min Com
Specification

Survey of a water ditch
for Charles Cook, P.S. Autumn
L.S. Heafield ^{beginning} Sept 29 - 98

Beginning at stake on left bank of ditch
5 feet 6 in above low water mark

Stat. 1	Cross	Dist ft	Course	Dist ft	Angle
1		33	G		"
2		33	"		"
3		33			"
4		33			"
5		33			"
6		33	15-		"
7		33			"
8		33			"
9		33			"
10		33			"
<hr/>					
1		33			

Course 130° 10'

St 2	Cows	Best	Cut	Hill	Floor
2		33			"
3		33			"
4		33			"
5		33			"
<hr/>					
Sta 3					
1		33			"
2		33			"
3		33			"
<hr/>					
Sta 4					lean bottom
<p>Sept 30 ^{didn't} didn't work</p> <p>Oct 31 resumed work ^{from} floor of hill</p>					
1		33			Rock
2		30			"
3		33			"
4		33			"
5		38			"

4

Stat	Cows	Dist	Cut	Fill	Filv
Stat 1		33			
2		33			
3		33			
4		33			
5		33			
Stat 6					
Stat 1		33			
2		33			
3		33			
4		33			
5		33			
Stat 7					
Stat 1		33			
2		33			
3		33			
4		33			
5		33			

Course	Dist	Lat	True	Flow
<u>Stat 6</u>	33			
<u>Stat 8</u>				
Stat 1	38			
2	38			
3	33			
4	33			
<u>5</u>	<u>39</u>			
<u>Stat 9</u>				
Stat 1	33			
2	33			
<u>3</u>	<u>33</u>			
<u>Stat 10</u>				
Stat 1	33			
2	33			
3	33			
4	33			
5	38			
<u>6</u>	<u>33</u>			

almer

5-

Stat	Conns	Dist	cut	face	7.loom
Stat 11					
1		33			
2		33			
3		33			
4		33			
5		33		Marked point on Rock	
Stat 12					
1		33		Marked a point on Rock	
2		33		-	
3		33		Spike in Rock	
4		33			
Stat 13					
1		33			
2		33			
3		33			
4		33			
5		33			

	Dist.	
Stat 13	33	
Stat 14		
Stake 1	08	
2	33	
3	33	Spike in Rock
4	33	" " "
5	33	" " "
Stat 15		
Stake 1	33	mark in 4 in tree
2	33	mark in rock
3	33	
4	33	Spike in rock
Stat 16		
Stake 1	33	
Stat 17		
Stake 1	33	high Stake floor
2	33	" " "
3	33	" " "

b

Stat 18

cut 2

Stake 1	33		
2	33	Marked point of R	
3	33	S Stake	
4	33	Spike in R	
5	33	S Stake	
6	33	Spike on top of pole	
7	33	" in Rock	
8	33	Stake on Grade	
9	33	" " "	
10	33	" " "	

Stat 19

Stake 1	33	not given bluff R	
2	33	" " "	
3	33	" " "	
4	33	" " "	
5	33	Stake on grade	
6	33	" " "	

Stat 19			
Stake 7	33	Not set Bluff R	
8	33	" " " "	
9	33	Stake on Grade	
10	33	Not set Bluff R	
11	33	Stake on Grade	
12	33	" " "	
13	33	" " "	

Stat 20			
Stake 1	33	Stake on grade	
2	33	" " "	
3	33	" " "	
4	33	" " "	
5	33	" " "	

Stat 21			
Stake 1	33	Not set Bluff R	
2	33	Stake on Grade	
3	33	" " "	
4	33	" " "	
5	33	" " "	

7

$$\begin{array}{r} 115 \\ \underline{2} \\ 230 \end{array}$$

<u>6</u>			
Stat 22			
Stake 1	2	33	Ditching ground
2		30	" "
3		38	Set tall stake 7' level
4		33	Cut 19 $\frac{3}{4}$
5		33	

<u>Stat 23</u>			
Stake 1		33	stake on grade
2		33	tall stake on grade
3		33	on grade
4		33	" "
5		33	

<u>Stat 24</u>			
Stake 1		33	high stake on grade
2		33	" "
3		33	" "
4		33	Stake mark in top

Stat 24

5

33 Mark on Maple tree

Stat 25

Stake 1

49 Stake on grade

2

33

3

33

4

33

5

33

6

25

7

33

8

33

Stat 9

33

10

33

11

33

Stat 26

Stake 1

33

2

33

Stat 27

8

<u>152</u>	320
<u>2</u>	<u>306</u>
306	14

<u>Station</u> 1	33	Stake and nail in
2	33	" on grade
3	33	" " "
4	33	" " "
<u>5</u>	33	" " "

<u>Stat 28</u>		
Stake 1	33	Stake on grade
2	33	" " "
3	33	" " "
4	33	" " "
<u>5</u>		

<u>Stat 29</u>		
Stake 1	33	
2	33	306
3	33	No stake set
4	33	Stake on G
<u>5</u>	33	
6	33	

314 R

Stat 30

Stake 1

33

2

33

3

33

G Stake not set

320 R

1. M

4

33

Stake on G

5

33

6

33

7

33

Stat 31

Stake 1

33

2

33

3

33

Spike in root

4

49

" on point R

Stat 32

Stake 1

33

not set

2

33

Spike in Rock

3

33

Stake on G

4

33

" Nail in top G
Bent on true nail

9

5

5

30 Stake on G

6

33 Stake with nail in top of G

Stat 33

Stake 1

33 Stake on G

2

33 " " "

3

33 " " "

4

33 " Nail in top G

Stat 34

Stake 1

33 Stake on G

2

33 " " "

3

33 " " "

4

33 " " "

5

33 " " "

6

33 " " "

Stat 35

Stake 1

33 " " "

2

33 " " "

Stat 35		
Stake 3	33	Stake on G
4	33	" " "
5	33	" " "
6	33	" " "
<u>7</u>	33	" " "
Stat 36		
Stake 1	33	" " "
2	33	" " "
3	33	" " "
4	33	" " "
5	33	" " "
6	33	" " "
7	33	" " "
8	33	" " "
Stat 37		
Stake 1	33	" " "
2	33	" " "
		Benck mark on fir tree @ nail on G

10

		No. Station	
	3	33	Carden Creek
	4	33	Benof. Area in Co. G
	5	33	Station G
	6	33	" " "
<hr/>			
Stat	38		
St	1	33	" "
	2	33	" "
	3	33	
<hr/>			
Sta	39		
St	1	33	" "
	2	33	" "
	3	33	" "
	4	33	" "
	5	33	" "
	6	33	" "
	7	33	" "

Sta	St		
40			
	1	33	Stake on G
	2	33	" " "
	3	33	" " "
	4	33	" " "
	5	33	" " "
	6	33	" " "

Sta	St		
41			
	1	33	" " "
	2	33	" " "
	3	33	" " "
	4	33	" " "
	5	33	" " "
	6	33	" " "
	7	33	" " "
	8	33	" " "
		<u>33</u>	
		138R	

Sta	St		
42			October 3 - 98
	1	33	" " "
	2	33	" " "

11

3	33	" " "
4	33	" " "
5	33	" " "
6	33	" " "
7	33	State mail in ^G box
8	33	State on G
9	33	" " "
<hr/>		
Stal 43		
st 1	33	" " "
2	33	" " "
3	33	" " "
4	33	" " "
5	33	" " "
6	33	" " "
7	33	" " "
8	33	" " "
9	33	" Mail in st G

Sta 44

st 1

2

3

4

Sta 45

st 1

2

Sta 46

st 1

2

3

4

5

6

7

8

33

33

33

33

33

33

33

33

33

33

33

33

33

33

Stom 6

" "

" "

" "

Summit 7 op side

set on 6

not set

" " Merrim creek

" "

set on 6

" " "

Victor Mager 12

12

Sta 47

St 1

33

Set on G.

2

33

" " "

3

33

" " "

4

33

" " "

5

33

" " "

6

33

" " "

7

33

" " "

Sta 48

St 1

33

2

33

Nail in point R

Sta 49

St 1

33

Set on G

2

33

" " "

3

33

" " "

4

33

" " "

5

33

Recess

6

33

Sta 49			
St	7	33	Set on G
	8	33	" " "
	9	33	" " "
	10	33	" " "
	11	33	" " "
	12	33	" " "
	13	33	" " "
	14	33	" " "
	15	33	" " "
	16	33	" " "
	17	33	" " "
Sta 50 ✓			
St	1	33	" " "
	2	33	" " "
	3	33	" " "
	4	33	" " "
	5	33	" " "
	6	33	" " "

13

7	33	"	"	"
8	33	"	"	"
9	33	"	"	"
<u>10</u>	33	"	"	"
Sta 51			274	
St 1	33	"	"	"
2	33	"	"	"
3	33	"	"	"
4	33	"	"	deep cut
5	33	"	"	"
6	33	"	"	"
7	33	"	"	"
8	33		250	
Sta 52				
St 1	33	"	"	"
2	33	"	"	"
3	33	"	"	"
4	33	"	"	"

Sta 52

5

33

Set on G

6

33

" " "

Sta 53

St 1

33

" " "

2

33

3

33

4

33

Not set in record

5

33

Set on G

6

33

" " "

7

33

8

33

9

33

" " 2 M. state

320R

10

33

11

33

Sta 54

St 1

33

2

33

" " "

14

3	33	" " "
4	33	" " "
5	33	" " "
6	33	" " "
7	33	Nail in Root
8	33	Set on 6
9	33	" " "
10	33	" " "
11	33	" " "
12	33	" " "
13	33	" " "
14	33	" " "
15	33	" " "
16	33	" " "
<u>17</u>	33	
Star 5-5		2 M. 40 R
Bl 1	33	State with Nail Set for low one on of Floor on Side

Levelled across cow creek to
 State on right bank to
 from open stocks to discharge
 novel 280. feet

Bench sight	F sight
10.42	
7	13
4.10 + 6.10	
5	13
3.10 + 6.10	
6	13
7.10	
5	17
24	
56	56

$16 \frac{8}{10}$ feet

Pressure on pipe head 5-4 feet

length of Filloom 670 Rods
 or 11055 feet

Number of feet of Pipe required
 4.45

Total Filloom & Pipe from above

15-

of 7-levon to the Mill sight -
687 Rods 11335 $\frac{1}{2}$ feet

Finished the Survey on Wednesday
the 5th 1898. number of days
work 5 days at \$5- per day 25-00
R.R. & staging at fences 5-00
Received pay \$30.00

Seemingly to locate head of
Ditch or flood
Begin in at Laurel tree 6 in
dia marked C.S. on East side
+ S. 2. on South side from where
Laurel 12 dia bears $S70^{\circ} E 17$ the
Thence $N44^{\circ} W$, 12.00 ch to a point on R.T.
Thence $S34^{\circ} W$, 2.64 ch to stake
set at head of flood on left
bank of cow creek

The water right was located
August 16 - 1898
was Reconned ^{about} August 22 - 1898

16

Barney for to correct
the Lurvey location of Cook
& Co Claims legal Subdivision
lines.

Beginner at the
place location
Thence N⁷⁶W 4.00 c to a point
thence N²⁶E 5.00 ch,
to center post on R^o, end
of Lurvey location of Char
Cook being, the discovery of
there is 5- location of Lurvey
claims located from this
point run in a N⁷⁶W
course 7500 feet. and 1500 ft
in a S⁷⁶W course to stake
about 50 feet the S.P.R.R. near
turn 6

$$\begin{array}{r} 24.00 \\ 11.06 \\ \hline 12.94 \end{array}$$

$$\begin{array}{r} 18.08 \\ 12.93 \\ \hline 31.01 \\ 16.272 \\ \hline 36.16 \\ 18.08 \\ \hline 23.37744 \end{array}$$

$$\begin{array}{r} 35.28 \\ 12.93 \\ \hline 48.16 \end{array}$$

$$35.28 \overline{) 23.3760} \quad 6.634$$

$$\begin{array}{r} 35.28 \\ 6.634 \\ \hline \end{array}$$

$$105.69$$

$$211.88$$

$$211.38$$

$$17.61$$

$$23.375-10$$

$$22370$$

$$21138$$

$$12320$$

$$9569$$

$$275-1$$

17

Survey made for S. W.
Kummer & W. Raymond
Jan 12th 1899.

Beginning at a point
11.06 ch West of the inner
corner of the "L" on donation
of Geo. J. Day of no. 47
T30 S.R. 4th Sec 9.

Var 19° E.

Thence North	18.08
" West	12.98
Thence South	18.08
" East	12.93

to place of bgn

distance 23.37 1/2

The above is the land
traced from Raymond to
Kummer

from Kanner to Hala
H Raymond

Beginning at Stake set for
N.E. cor of tract from Raymond
to Kanner 23.37 1/2 acres
the same being on South
boundary line of Kanner
tract.

Thence East at 8.81 ch 1/4 Sec cor
between 9 & 10.

at 35.23 ch West side
of Frank Fite land.

Thence North 6.63 1/2 ch set
out.

Thence West 35.23 ch set out
Thence South 6.63 1/2 ch to place
of beginning

Cont 23.37 1/2 acres

18

Survey made for M. P.
Briggs and Thomas Wilson
of date 20th 1899,

Beginning at the S.E. cor
of A. P. Bellote 14.50 acre tract
Thence S 8° E. 3.47 ch to a stake
Thence West 12.50 ch to East
boundary of A. P. Bellote 3.75 acre
lot

Thence South 3.44 ch
to S.E. cor of A. P. Bellote
8.70⁺ acre lot and

Thence East 12.00 to place
of beginning War 19th
Cont 4.21 acres

The starting point of this
line is the S.W. cor - from which
The S.W. cor of J. S. Clark Donation

cl. no. 51 J, 30, S, R 5-91. in 82
22, beens West 7.50 ch and
North 51.80 ch

19

Survey made for Mrs
Paul Rimmel. Mer Parcel
4 of J. W. Pardee Feb 8 1899 - 1899
Beginning at a S.E. corner of
W. Preston Donation claim
N 44 m. T 30, S 12, 5 77. Sec 20 & 25
Var 20° E.

Thence West 8.40 ch to inner
cor of the "L". Thence North
21.19 ch as per field notes of C
Sewing. which point is in
S Kumpqua River. Thence West
15.10 ch set post. Thence South
40.00 ch, set post. Thence West
15.00 ch to West boundary of
claim.

\$5.00

3000
109
3109

28.43 - 12.36 1
16
28.51 - 12.40

1240
1740.90
5702
2851
33545.240 8000
1773
1772.620 6227

28.51) 6227.00 (21.84
5702
5250
2851
23790
22508
11820
11404

28.51
27.34

28.51
3000.
8553000

11404
85-5-3
19957
5702
7794634

28.51) 8000.00 (28
5702
22980
22808
1720

20

Journey made for Augusta
Wilson. Feb 15 - 1899.

Beginning at a point 6.33 ch
West and 16.60 S $19\frac{1}{2}^{\circ}$ E, and
1.17 ch S $66\frac{1}{2}^{\circ}$ W of the N. E. cor
of James Catching Donation
C No 43, T 30 S, R. 6 W.

Var $19\frac{3}{4}^{\circ}$ E

Thence S $66\frac{1}{2}^{\circ}$ W

31.09

Thence South

29.00

Thence N. $66\frac{1}{2}^{\circ}$ E.

33.18

Thence North

23.30

intersect Marion's line

Thence N $21\frac{1}{2}^{\circ}$ W

5.27

To place of beginning

Cont 87.68 acres

27

$$\begin{array}{r}
 28.51 \\
 \underline{1.240} \\
 114040 \\
 5702 \\
 \underline{2851} \\
 23535240 \\
 \underline{17.67620} \\
 20.22150 \\
 \underline{37.89770} \\
 80.000000 \\
 \underline{42.10230}
 \end{array}$$

$$\begin{array}{r}
 30.50 \\
 \underline{13.26} \\
 18300 \\
 6100 \\
 9150 \\
 \underline{3050} \\
 24044300 \\
 \underline{20.22150}
 \end{array}$$

$$\begin{array}{r}
 30.50 \) \ 4210230 \ (13.80 \\
 \underline{3050} \\
 11602 \\
 \underline{9150} \\
 24523 \\
 \underline{24400} \\
 1230 \\
 \underline{3050} \\
 4209000 \\
 \underline{2900} \\
 2706 \\
 \underline{1.94}
 \end{array}$$

GDV FIELD NOTE - Epp

North Set Secs 29 & 30, T30SR37
Bar 18° 30' E.

40.00 ch set gr Sec con from well
This 12 in diam N 30° E, 25' N.

12 " " N 2° W, 23 "

57.50 enter S Wmpqua R

59.60 leave same

68.00 Road E & W.

69.00 Set post con of S. 19, 20, 29 & 30

Am Oak 9 in N 62 1/2° W, 140' N

" " 18 " S 8° W, 240 "

" " 15 " S 44° E, 195 "

" " 16 " N 41° E, 350 "

W. B. Pool.

Revised to the
B.C.

22

Survey made for James
M. Pool Feb 20th 1899.

Beginning con to Sec 19, 20,

29 & 30 T 30 S R, 3 W

Set post as per B.T.

Over 19th E

Then a South 11.08 ch to N. side
of S. Stinger Donation cl No 37.

Set stake in 8 feet inside of fence

Thence West 5.38 ch to N.W. cor
of cl 37.

Thence South 4.50 across field into
garden bar 740 ch right bank of

S. Mumpress River set stake

to S. side left bank bar S,

from stake on left bank 9.100

angle to stake on R. bar 16^o 15'

distance over R. 343 ch

distance on line to State
on left bank 10.83

at 45.18 ch S.W. corner of 2237.

Set post

Thence West 5.38 ch to line

line bet 29 & 30 - 16.26 ch South

of 1/4 3 cor set post.

Thence South 374 ch set post.



23 Lat $43^{\circ}00'12''$

Doel for April 1899

April 14. $9^{\circ}24'33''$ elev for Hour $54''$ Equat. $15''$

$\frac{19}{9\ 24\ 52}$

8 a.m. $9\ 28\ 28$ 17 $10^{\circ}28'14''$

11 a.m. $9\ 31'00$ 9 a.m. $10^{\circ}32'34''$

2 P.m. $9\ 33'42$ Noon $10^{\circ}35'10''$

5 P.m. $9\ 36'24$ 3 P.m. $10^{\circ}37'46''$

6 P.m. $10^{\circ}40'22''$

15th $9^{\circ}46'04$

$\frac{4}{9\ 46\ 08}$

9 a.m. $9^{\circ}50'33$

Noon $9^{\circ}53'12$

3 P.m. $9\ 55'51$

6 P.m. $9\ 58'20$

16th $10^{\circ}07'17''$

9 a.m. $10^{\circ}11'42$

Noon $10^{\circ}14'21''$

3 P.m. $10^{\circ}17'00$

6 P.m. $10^{\circ}19'39''$

See
Go ↓ Field Notes

Survey to complete

J 23, SR 4 m, April 14-99

Beginnin at 143 corner bet

Sec 8 & 17. from which

B Oak in die bears 330° N. 23

marked 14S 17. BT

Fin 20 in die bears 220° N. 36 m

marked 14S 8. BT

J 800 on Rancho bet Sec

5 & 17. bear 18° 45' E.

asend. Altitude 1500 feet

3.00 Summit of ridge from

descent alt 1550. ft

10.00 level of steps canyon

begin ascent alt 1450

2500 Sum of Ridge S. M.

alt 1750 ft

descent steep hill

24

31. 25-ch intersect a line ^{S. ref.}
See line running

N 4 S. 25 limbs from
of a Fir tree 4 in dia
with 2 notches on N
& 2 notches on S side of
tree

Set post 3 in dia 3
feet long 24 in in ground
marked C.C. S 8 on N W
face and C.C. S 17 on S W face
& T 29 S R 4 M on N E face
from which ^{7 in} 10 in dia bears
S 83° W 32 the marked

C.C. S 17. T 29 S R 4 M B.T.

Laurel 6 in dia bears N 42° W
95- limbs marked C.C. S 8
T 29 S R 4 M B.T.

Established cur to Sec
8.9, 16+17 bears $37^{\circ}7'9''$
5.24 ch set new post
for cur to 9+16, from
original B.I. Still standing
destroyed all marks
referring to Secs 8+17.
Thence West on true line
from CC bet Secs 8+17
31.25 to $\frac{1}{4}$ Sec cur

25

Journey to Campoblat

Y 29 S R 4 M M M M A

April 15 - 1899

Beginning at $\frac{1}{4}$ S cor on
line bet Soc 174 18.

Made new post 3 in dia
3 feet long 24 in in ground

Marked $\frac{1}{4}$ S 18 on N side

S. 17 on E. face set post

in the same hole made

by old post which was

bad by decay lying on the

ground the old B.T. were

decayed and rotted down

Made new B.T. from which

the 8 in dia bear S 65° W 33 ft

Marked $\frac{1}{4}$ S 18 B T

the 6 in bear N 40° E. 7 ft

mark S 17 B T

26

B Cash 18 include N 68° E 85
March 5 17. T 29 S R 4 W B T

April 16

W A Mulkey ch 4	8.00
C. A. Mulkey " 4	8.00
J. D. Carson a/wan 4	5.00
Nobel Andrews " 4	5.00
A M Aker 4	8.00
A M Aker boat & horse	
locism	6.00
6 days Horse & Bugy	6.00
8 " at 8.5 per day	40.00
	<u>92.00</u>

Giv
Field
Notes

Sec cor 13. 14. 23 & 24

730 S 125° W

Pine 10 in diam S 35° E 80 lbs

B Oak 10 in " N 45° E, 20 "

" 12 " " N 12° W, 62 "

" 20 " " S 25° W, 10 "

North bet 13 & 14 - var 18° 30' E,

40,00 1/4 S cor from which

Lamin 15 in diam N 53° E, 40 lbs

" 12 " " N 35° W, 46 "

80,00 Set post cor to Sec 11. 12. 13 & 14

B Oak 8 in diam S 37° E, 17 lbs

Pine 12 " " N 30° E, 16 "

" 12 " " N 25° W, 20 "

Lamin 18 " " S 85° W, 31 "

27

Cor to Secs 14.15. 22 & 23

B Oak 12 in dia S 80° E, 183 Ms

" " 12 " " S 82° E, 163 "

" " 10 " " S 83° W, 156 "

" " 10 " " S 70° W, 70 "

S 89° 30' W on tree line bet Sec 14 & 23

var 19° E

39.85 - 1/4 S cor from which

B Oak 12 in dia S 19° W, 56 Ms

" " 10 " " S 48° E, 82 "

North bet Sec 14 & 15 - var 19° E

40.00 set 1/4 S cor from which

B Oak 15 in dia S 75° E, 32 Ms

Laurel 18 " S 70° W, 87 "

80.00 cor to Sec 10.11.14 & 15 - from

M Pine 40 in dia S 35° E, 200 Ms

R Fir 60 in dia S 35° E, 182

B Oak 4 in diam N 65° W 28 No

" " 5 " " S 15° W 85 "

389° 42' N on true line lat 30° 17' 14

40.00 Set 1/4 S cor - from

N Oak 12 in diam N 55° W 25 - 1/4

B Oak 6 " " S 75° W 5-8 "

28

Survey made for Herbert
Miller D. H. Miller Sr. Miller

April 19-99

Beginning at corner Secs 10, 11, 14 & 15 -
T 30 S R. 6 - W Var 17° E.

Thence South 2000 ch set post No 1

Thence East 4000 ch set post No 2

Continued East 3800 intersect Sec line
occupying S. & S. set post No 3.

Thence South 1950 meters

$\frac{1}{4}$ Sec set by Old B. T.

Continued South 3900 intersect

corner Secs 13, 14, 23 & 24

Set post as per Old B. T.

Thence $S 89^{\circ} 30' W$ Var $20^{\circ} E$

42.89 intersect at point

1.62 South of $\frac{1}{4}$ Sec

Survey made for location
of 4 placer claims May 3
1899 - For C. A. Schluesser
C. E. Myers C. M. Parrott and
E. L. Parrott

Myrtle Creek Mining District
Oregon, Douglas County

Beginning at a Post 6 in
square set firmly in the
ground marked M. M. & M. S.
From which

R¹ 7 in 18 in dia bear N 88° E 21 1/2

marked M. S. M. M. B. T

Cedar 14 in dia bear N 50° E. 23 1/2

marked M. S. M. M. B. T

Cedar 12 in dia bear N 38 1/2° W 22

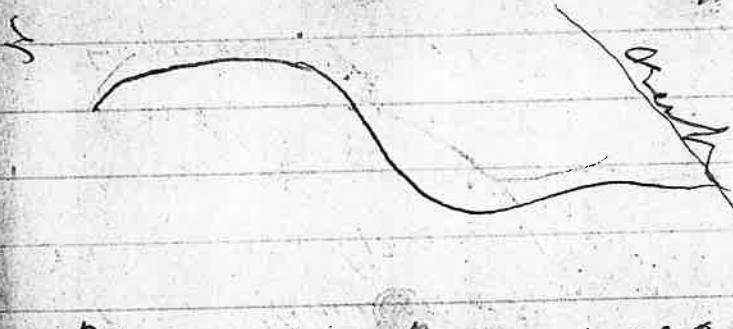
marked M. S. M. M. B. T

R² 14 in dia S 84 1/2° W 13

marked M. S. M. M. B. T

29

Discovery Shaft - 18 feet deep
5 x 6 feet inside of timber
beams $S 42^{\circ} \frac{1}{2} E$ 78 lbs
Open cut from tail race
beams $S 35^{\circ} \frac{1}{2} W$ 1.68, head
of cut at the present time
which is 7 ths on surface
18 in bottom 6 feet deep
Course S.W. about 600 feet



Reservoir Beams $N 7^{\circ} E$ 567 lbs
Ditch from Reservoir to tail race
or open cut beams $S 25^{\circ} W$

A. E. Myers Chairman
C. M. Vanclaus " "
C. C. Hammett Atoms
F. B. Vanclaus " "

Jan 1945

Thence from Shaft - by fence
East

4.00 ch Bush Fork of Myrtle

Creek 25-30 ft wide S.W.

at end steep hill

11.56 ch Set post 3 in dia

3 feet long. Mark N.S.

from which

R. 7 in 6 in dia beam S 75° W 39 ft

Mark N.S. B.T.

Thence N 30° W

3.75 - at Creek 25-30 ft wide C.S. 70 ft

20.00 ch a cedar tree 10 in

dia for cross No 2 Mark N.S.

30
M.S. from which
R Fir 6 in dia bear $S 12^{\circ} W$ 40 ft
Thence $S 60^{\circ} W$

4.10 ch Myas creek C.S.
10.00 ch Cedar 10 in dia for
Corner ^{no 3} marked M.S. from
which

Dog wood 5 in dia $S 67^{\circ} E$ 25
M.S. B.T

R Fir 6 in dia bear $S 21^{\circ} W$ 14 ft
marked M.S. B.T. CA Sebel ^{at} bridge

Thence on sight-line $S 30^{\circ} E$ 20.00

Thence from car no 3

$S 60^{\circ} W$ a 8 Myas cr.

10.00 ch Set post 3 in square Mar M.S.

from which

Cedar 24 in dia bears $S 83^{\circ} E$ 15

R Fir 16 in dia $S 16^{\circ} E$ 20 ft

both trees Mar M.S. B.T

Thence for cor No 4
S 60° W, 2 1/2 Parrett cl
4.25 creek 3 1/2 miles S 30° E
10.00 ch Set post no 5 from
R. Fin ^{marked M.S.} 20 miles bear S 65 1/2° W 17 1/2
Marked M.S., B.T.
R. Fin 16 miles bear South 10
Marked M.S., B.T.

Thence from No 5 - S 60° W
O. M. Parrett cl
10.00 ch Set post No 6 - (Mark M.S.)
R. Fin 18 miles bear S 22° E 15
Marked M.S., B.T.

Thence S 30° E
19 50 ch ^{Buck fork} Set post No 7 ^{2 1/2 miles} M.S.
on left bank of Buck
fork from which

31
Maple 10 in dia bears $S 62^{\circ} E 40$

Mason M.S. B.T

Thence $N 60^{\circ} E$.

1.75 ch enter same creek

3.50 leave creek

9.80 ch enter same creek

10.00 ch comes in creek

Tree Alder 10 in dia
on left bank of creek for
witness cor which is
 $N 60^{\circ} E$ 25 links from
tree cor in creek

Altitudes ^{many} above

Cottage Grove Oregon
on Road to Bohemia Mines

Cottage Grove	0	8,000 feet
Yesters Creek 9 miles	2.00	
J. Burnett 16.	4.50	
Doude Ford 19.	5.60	
Phoar Pass 28.	11.00	
Bridge		
Champion 29 1/2	13.00	
13 Switzer Look 32	27.60	
Ridge Hotel 33 1/2	37.00	
6 Mile bar 34	41.60	
7 Mile " 35	44.50	
Chickel pond	46.10	
Summit hill	47.60	
Burnow 4 of Jensen 5086	36.50	500

32

Mar 19° 36' E

Official Survey of
the Helena & Laurette Quartz
Mining Claims No 360.

for Chas Brennan. Referring
& Referring Survey Commenced
May 9th 1899.

Beginning at a post 6 inches square
4 feet long set 18 inches in the
ground with rock mound a larger
marked M. S. ³⁶⁰ identical with
original location - from which
the discovery cut bears S 64° E. 15 ft
also a 7 in 8 in dia bears N 82° W 24
feet Marks M. S. B. T. ³⁶⁰ also 7 in 15 in
dia bears N 37° W 92 feet Marks
M. S. B. T. No 360. Also the noon
day Mining Com. are House ³⁶⁰ S 15° W
about 2000 feet. also the mouth

Leo Kerr tunnel bears N 51° W
about 900 feet. Also Mt. Thielson
commonly known as Cowherd
Peak of the Cascade Range bears
S 43° E. Also Diamond Peak
bears S 80° E.

Tunnel No 145 feet, C N 64° W
5 x 7 feet partly timbered
average cost of labor \$1450.00
Arbima S 60° E. 100 feet. 20 x 25
15-foot high - \$50.00

Alt. 550 feet

140 feet deep ^{by tunnel} open cut 30 feet

14 x 6 feet inc. timber \$60. Thence N 64° W
1969 meters Road to S. 2nd mine

1193 feet intersect center

part on westerly end of C

marked N S. Cl. No 360

post No 2 from which

line 10 in air bears S 05° W. 20 feet

33 After 5000 feet

Marked M.S. 360. No 2. B.T.

Pin 8 in dia bears N 60° E 10 feet M.S. 360
No 2. B.T.

Thence N 26° E. 300 feet recent
set with location cor alt 50050

Marked M.S. 360. Cor No 4. B.T.
from which

Pin 7 in dia bears S 8 1/2° W. 21 feet
Marked M.S. 360 - No 4 B.T.

Thence from center post
S 26° W. at 200 feet 12 in

300 feet to post No 1. Identified
with location cor. Marked M.S.

360 - from which alt 5000

Pin 14 in dia bears N 67° E 49 feet

Marked Cor 1 M.S. 360 B.T.

Pin 8 in dia S 12° E 9 feet

Marked C 1. M.S. 360 - B.T.

Thence run line to sic

our

S 63 1/2° W	171 ft	v
" 83 1/2° W	94 "	v
" 62° W	³⁵⁰ 666 "	
" 28 1/2° W	397 "	
" 65 1/2° W	183 "	
" 37° W	340 ⁸ / ₁₀ "	
" 32 1/2° "	123	
" 33 1/2° "	181	
" 17°	408	
19 th st	⁶³⁹ 650	to sic

5040	5040
4450	3680
590	1360

S 59° 30' W 1735-ft

34

Thence from C. 1 S 64° E

ascend steep mountain

15 feet Road to Noonday Mine

at 1255 feet season Road to Noon
day Mill

~~1729~~
1200 feet inters cor No 2. identified
with ^{corner C 2 MS 860} ~~at 4450~~
location cor - from which

Pine 10 rods N 15° W 30 feet
marked C 2 MS 360 - BT

Thence N 26° E. at 19 feet

North of Jarrett claim

300 feet identical with location
cor. center of E. end of
claim - from which

The Turnhouse^{No 1} bears N 68° 45' W 67 feet

25 x 30 feet \$50.

Blacksmith Shop N 26° E. 19 feet

10 x 14 feet \$25.

Mouth of Tunnel bears $N 59^{\circ} E$, M.S. 361
course of Tunnel $N 64^{\circ} W$, 337 feet long
7x5 - July 10 @ \$3370⁰⁰
Thence from center part Tunnel
No 3. bears $S 81\frac{1}{2}^{\circ} E$ 104 feet
course of Tunnel $N 72^{\circ} W$, 58 feet
47x5 - @ 10 - \$580⁰⁰

Thence from center part
 $N 26^{\circ} E$, 300 feet location
spot identical. Mark @ 3
M.S. 360 from which
Fire & iron line bears $N 66^{\circ} W$, 9 feet
Mark @ 3, M.S. 360 B.T.
Thence $N 64^{\circ} W$
ascend steep Mountain
at 500 feet Road to Monday
Mill

35-

1230 feet Road to Crossley
Mine

1500 feet intersect location

Post identical Max bed

C 4, MS 360 - from which

Five 7 inch bars S & N, 21 feet

marked C. 4 - MS 360 BT

Survey of the Laurette Quarry
Mining Claim.

Beginning identically with location
Corner No 1 which is a post 4 in
square 3 feet long set 18 in in
the ground with mound of
Rock alongside marked C 1
M. S. 360 set 19 feet $N 26^{\circ} E$ of cor
2 of the Helena claim from which
Pine 5 in diameter $N 43^{\circ} E$ 29 feet
marked C 7 - M. S. 360 - B. E.

Then a $N 26^{\circ} E$ 281 feet interval
center post 4 inches square
4 feet long 18 inches in the
ground marked M. S. 360
300 No center post set in
center of the westerly end
of Laurette claim identical

with Location post, marked
 M.S. 360,
 at 5-81 feet intersect post
 No 3 of the Helen claim
 at 600 feet intersect Location
 cor. post which is identical
 with location post
 which is a post 4 inches
 4 feet long 18 inches in
 the ground. marked C. 2, M.S.,
 360, from which
 Fin 14, in air brass $S 50^{\circ} E$ & 13 feet
 marked C. 2 - M.S. 360 BT
 Thence $S 72^{\circ} E$, $13-88$ feet to Post
 No 3 - which is a post 4 inches
 square 18 inches in the ground
 marked C. 3. M.S. 360, - from which

a flat top Rock 24 + 27 inches
+ amt of surface trees S 64° N 32 feet
Marked M.S. 360 - Cor 3. B.T.

N.E. cor of the Ironstone Leads
Mill bears S 49° N 95-6 feet

Thence S 26° N ¹⁵⁰ 300 feet center

part of Easterly end of Lawrence
claim - from which

Thin 12 in dia bears N 34° W 22 feet

Marked M.S. 360 B.T.

Thence S 26° N 300 feet inter-
sect Location Cor No 4. Set post
from which

Thin 10 in dia bears N 10° E 29 feet

Marked M.S. 360 Cor No 4 -

Thence N 72° W

925 feet Creek cor East

900 feet Anteced Road to

Ironstone Leads Mill

37

1500 feet intersect cor no. 1
place of beginning

1/4 Sec to Sec 2 & 35.

B Oak 22 in dia base N 75° W 177 ft

" " 15 " " " S 50° W 99 "

67.00 Stream 15 ft wide & 10 ft

Cor to 1/4 S. 3, & 34.

B Oak 6 in dia base South 22 ft

R Fir 7 " " " N 10° W 29 "

41.50 Stream 4 ft wide & N

1/4 S cor bet Sec 26 + 35 - T30S1267m

A Oak 20 in diam S 27° E, 588 lb

" " 12 " " N 86° E, 323 "

S 89° 43' W - 8000 - Over 17° 30' E

Cor to Secs 26, 27, 34 & 35 -

B Oak 18 in diam N 11° W, 382 lb

" " 21 " " N 28° E, 418 "

" " 28 " " S 17° W, 1007 "

1/4 S Cor bet Sec 27 + 34

39 83 ch ^{quartz con} Oak 12 in diam N 20° W, 22 lb

Alder 12 " " S 25° W, 26 "

40 50 ^{cor} ^{cut} 150 ^{leach} S 87° 34' W, 79.67 ch - Over 17° 30' E

S 89° 43' W

Cor to Sec 2, 3, 34 & 35 - Over 18° 30' E

" Oak 22 in diam N 80° E, 215 lb

" " 15 " " N 13° W, 107 "

" " 18 " " S 13° W, 66 "

" " 10 " " S 68° E, 230 "

38

Survey made for Percy
Wilson & Hattie Wilson
May 22^o 1899, - Mar 20^o 00
Thence N 89° 34' E.

15.89, ch to East boundary
W Sanderson tract of
land purchat of Percy
Wilson
Thence South

Mar 19^o 00.
10.80 ch to cor 1 ^{in field} of Mrs Karl
Rimmel land purchat
of W L Wilson

Thence N 89° 34' E - Mar 20^o
15.28 ch to cor 2 ^{on point of hill} of Rimmel
land

Thence North - Mar 20^o 00

10.80 ch to Mrs in field

Thence N 89° 34' E
9.44 ch to post No 4 at side
of field and 1/4 sec

Thence South
20.00 ch to cor 5 - Set post

Thence N 89° 34'
20.00 ch to cor 6 - Set post

Thence South Var 26° E
60.00 ch intersect Swan line
18.2 ch East of corner
formerly set by me
Var 19° E,

80.00 ch set post No 7

Thence West, Var 19° E
20.00 set post in edge of
opening - from which

37
W Oak 3 in dia bears S 55-8° E 8 ft
Pine 4 in dia bears S 12° W 26 "

Thence South Var 19° E.
20,00 ch Set post no 8 from
Larch 8 in dia bears N 17 1/2° W 45
Fir 17 in dia bears N 58° W 45

Thence West Var 19° E
7,00 Stream 15-16 rods N 20° W
May 24th 99

ascend steep Mountain
20,00 ch Set post no 9 from
R Fir 18 in dia bears N 75° E 45
Marked W. B.T.
B Oak 18 in dia bears S 14° E 10 ft
Marked W. B.T.

Thence North $N 19^{\circ} E$
descend. Slick Mountain
40. ~~24~~ intersect township line
Set post No 10^W from which
B Oak 10 in line bears $N 41^{\circ} W 105$
marked W. B T

Mc Oak 18 in line bears $S 52^{\circ} E 159$
marked W. B T

Thence $S 89^{\circ} 44' W$ $N 18^{\circ} 00' E$,
2000. ch. The original B T does not
agree. West to one mile north
to sec. 26, 27, 34, + 35 -
trace line South $N 20^{\circ} E$,
at 78.57 intersect township
line at the point where
I set temporary post.
Set post at intersection
of the line.

40

Thence S $89^{\circ}44' E$, on S bdy of
Section 34

at 40.75 - ch intersect

75 lbs N of granite
can set post as per
O. B. L.

Thence North $19^{\circ} E$

7.27 ch

Thence West

4.00 ch

Thence North

8.21 ch

Thence West

8.15 ch to S. W. cor of M. H. M. 9, 4, 6

Thence North

30.46 ch to A. Wiley street

Thence East

10.89 to A. Wiley S. E. cor

Thence North

30.435 ch to A Marley N.E. corner
Thence West to left
bank of Cow Creek

2.684 ch to stake which is a
point 5.472 ch east of
opening in Sec 34

Thence North 75

75- lbs which is N bay of lot
which is set on left bank
of creek 41 links east of
starting point

Thence West

15.28 ch

Thence South

13.78 ch

Thence East

5.38 ch to high bank on
left bank of Cow Creek

41
Thence from $\frac{1}{4}$ S cor
bet. 264 to 27.

Thence South
62 ft. to S. side of cl 48.

Thence West
8.84 ch to point on Right-
bank of Cow Creek
trace car would be
West 150 ch to center
of Creek

Thence from point on
R Bank, keeping about
150 ch from center of creek
up stream

S 50° W, 3.86 ch
Thence

S 50 $\frac{3}{4}$ ° W 128 ch
Thence

S 55° 1/2 W 1.76 ch

Thence

S 52° 1/2 W 15.37 ch

Thence

S 32° W 4.39 ch

Thence

S 24° W 16.4 ch

Thence

S 31° 3/4 W 40.3 ch

S 24° W 4.67 ch

S 24° W 8.04 ch

Thence

S 21° W 7.27 ch

Thence

S 19° W 5.68 ch to N. E. corner of

A Masby lot

42

325
375

90

Survey made for of M
Berdin this 3 day of June 99
Beginning at a post set 16 ft
North of center of R.R. Spur
beginning to Grand pit
Thence

Var 19° S

North 3.16 ch

Thence

1.25 ch

Thence S 43° W

2.17 ch

Thence S 49 3/4° W

2.42 ch

Thence East

90

to place of beginning
cont $\frac{50}{100}$ acre

43

Thence East to a clearing

9.5-80 ch

Thence South

13.24 ch to the S. W. cor of

Lazarus Wright - donation

Claim No 45-

in T. 29. S. R. 5 W. Willamette

Oregon

June 12th 1899

T 29. S. R. 4 W

Beginning at CC of Sec

8 & 17. ¹⁸⁴⁵⁻⁶

Then proceed line East

bet Sec 16 & 17 S 7° 7' W

524 ch old Sec Sec 9 & 20

39.46 ^{39.46} Set post 3 in square

marked 1/4 S 117 - from

Laurel & include N 63° W 21 W

75-79 intersect Sec cor 16. 17. 20 & 21

Set post as per original note

W 1999
N 50
S 41
E 88

44

I have 889'30" W. base of line set -
Sec 17 & 20

36.58 ch 1/4 S cor witness
tree and post still
standing in good shape

78.88 intersect CC of 17 & 18

78.96 to see cor, 17, 18, 19 & 20

Co. to Sec 13. 18. 1942

327 SR 546 m

Pine 12 in dia S 32° 12.7 lb

" 8 " " N 73° 230 "

" 10 " " S 26° 5.89 "

Got
field
notes

North lot Sec 13-18

8.90 Set marker post on left
bank of River

an Ash 5 in dia S 12° 30' M 14 lb

by Siliqua 14 S 82° 1/2 B 135

John. Koester

45-

360° 8 56 M

98 M

North

Started on survey for
the Isabelle Mining Co
July 30 - 1899.

Expenses on trip

Stage fare from Canyonville to Ridgell	\$0.50
Hotel bill at Ridgell	50
R.R. fare to ^{to} Spencerville	1.40
Hotel fare at Spencerville	50
R.R. fare to Roseburg for two	5.20

46

Survey made this 1 day
August 1899, for description
of the Discovery of
Isabelle Quartz Mining com
beginning at the center
post in the north end of
the Discovery claim
which post is $4\frac{1}{2}$ feet long
set 18 in in the ground
from which the Discovery
shaft bears $N. 80^{\circ} W.$ 20 feet
a high point of Hungry
hill bears $S. 60^{\circ} W.$ about $2\frac{1}{2}$ miles
Thence $N. 20^{\circ} E.$
Thence $S. 75^{\circ} E.$ 300 feet to
N.E. corner ^{of Discovery} ^{738. con gold stand}
which is a
post $4\frac{1}{2}$ feet long 4 in square
set 18 inches in the ground

47
Thence from center post
N 75° W, 300 feet to post
4 1/2 feet long, 4 in square
set 18 inches in the ground
for S.W. cor of Discovery & S.W. cor

Thence ^{at 500 ft distance} from center
S, 12 1/4 W, 1500 feet to post
4 1/2 feet long, 4 in square
18 in in the ground
for ^{center} South end of Discovery.

Thence N 75° W, 300 feet to
post 4 1/2 feet long, 4 in square
18 in in ground with
ground of Stone along side
for S.W. cor

Thence from center post
center of South end of
Discovery, at

Thence $S 83^{\circ} E$ along the
S P R.R. right of way 300
feet to post $4\frac{1}{2}$ feet long
4 in square 18 in in the ground
for S. E. Cor., - - - - -

Thence from center, ^{post} on
North end line of the
Discovery claim and
South end line of the
Gold Standard Cl. $N 20^{\circ} E$.

Thence $N 23^{\circ} E$, 1500 feet.
Set post $4\frac{1}{2}$ feet long 4 in
square with monument of
Rock along side for center
part of near the end of the
Gold Standard Lumber claim
from which ^{at south end of bushy} Lumber corner

48

of Secs 27, & 28; T 32 S 12 R 7 W
bears N 52 $\frac{1}{2}$ ° W, 125 feet

Thence N 75° W, 300 feet
to post for N.W. cor of the
Gold Standard cl. and
S.W. cor of Buck Lignite cl
said post is 4 $\frac{1}{2}$ feet long
4 in square with Rock
Moument along side.

Thence from cent post on
North end of Gold Standard
& South end of Buck cl
S 75° E 300 feet to post -
4 $\frac{1}{2}$ feet long 4 in square with
Stone Moument along side
for N.E. cor of Gold Standard
& S.E. cor of Buck claims

Thence from center part
of North end of Gold Standard
& South end of Beck claim
N $26^{\circ}\frac{1}{2}$ E, 1500 feet to center
part on North end of the Beck
South end of Hoosier Quartz
claim which is a Post $4\frac{1}{2}$ feet
long 4 in square with Stone
Monument along side.

Thence N 75° W, 300 feet set post
 $4\frac{1}{2}$ feet long 4 in square 18 in in
the ground for N. W. cor of the
Beck and S. W. cor of the Hoosier
Quartz claim

Thence from center part above
mentioned S 75° E, 300 feet set
post $4\frac{1}{2}$ feet long 4 in square
18 in in the ground with Stone
Monument along side

47

for N. E. cor of the Buck and
S. E. cor of the Hoosier cl.

Thence from center post on
South end of the Hoosier Quaternary
claim

N. 32° E, 15-20 feet set
post $4\frac{1}{2}$ feet long 4 in square
18 inches in the ground with
stone monument along side
Set for South end of
Hoosier and South end of
the Brown Bear

Thence N 75° W, 300 feet set
post $4\frac{1}{2}$ feet long 4 in square
stone monument along side
for N. W. cor of Hoosier and
S. W. cor of Brown Bear

Thence for center post last
mentioned

S 75° E, 300 feet - Set post 4 1/2
feet long 18 in in the ground
with Stone Monument of
along side for N.E. cor of
the House & S.E. cor of

Brown Bear.

Thence from center post
last mentioned.

N 30° E, 725 - Summit of Ridge

Course E & W

1112 feet - Set post 4 1/2 feet long
4 in square 18 in in ground
and Stone Monument along

side for ^{center} North end of
Brown Bear and South end
Black Bear

50

Thence N 75° W, 300 feet
Set post $4\frac{1}{2}$ feet long, 4 in square
18 in in the ground with Stone
Mouiment along side for
N. W. cor of Brown Bear &
~~S. W. cor of Black Bear~~

Thence from center post ^{last}
described S 75° E 300 feet
Set $4\frac{1}{2}$ feet long 4 in square
18 inch in the ground
with Stone Mouiment
along side for N. E. cor Brown Bear

Thence from center post
last described to S end of
Black Bear

Thence N 32° W 300 feet Set post
 $4\frac{1}{2}$ feet 4 in square 18 in

Check to page 54

Measurements made for connection
from foot of manway No 2
to east face of tunnel No 2

132 from manway to head of
Pekusim Short. Thence point
back 10' entrance to slope below gate

Thence from the point 132 east
East 13 cross cut 12 turn back N
Thence East 11 ft to beginning slope
over head

Thence East 68 ft to east end of slope

Thence 73 ft to point of diverging tunnel

The right tunnel bears to the right

65 ft.

Thence East in main tunnel

54 ft face or East end of tunnel ^{1/2}

at 18 feet back from face cut

to the south connecting the two

tunnels

57 Check on page 3-5-16

Thence from top of Manhole
of Tunnel 4

East 28 ft to N cross cut 6
long

Thence 31 ft to N cross cut 12 long contain
bottom of core shoot of man 8 to 10 ft
bet, 3 & 4. Thence East 61 ft to 2 foot
cross cut brass sout. Thence East 18 ft to center
of Peterson shoot. Thence East 92 ft
to center of new range. Thence
East 22 ft to 9 ft south cross cut
Thence 165 ft to N cross cut 24
long Thence East 125 ft to center
of man every down to tunnel 6

The ground with Stone
Mound along side for
S. 7 $\frac{1}{2}$ ° of Black Bear
Thence from center post
last described

S 32° E. 300 feet Set post
4 $\frac{1}{2}$ feet long 4 in square 18
in in the ground with
Stone Mound along side
for S. 8° of Black Bear

Thence from center post
last described center of south
end of Black Bear.

N 58° E. 1500 feet Set 4 $\frac{1}{2}$ feet
long 4 in square 18 in in the
ground with Stone Mound
along side center of north

52

end of Black Bear
Thence $N 32^{\circ} W$, 300 feet set
post $4\frac{1}{2}$ feet long 4 in square
18 in in the ground with
Stone Monument along side
for $N. W.$ cor of Black Bear
Thence from center post
last monument,

Thence $S 32^{\circ} E$, 300 feet set
post $4\frac{1}{2}$ feet long 4 in square
18 in in the ground with
Stone Monument along side
for $N. E.$ cor of Black Bear

August 4th 1857

O. H. Colburn	Chairman	4 days
Tom James	"	4 "
John Hamilton	Flagman	
Chas. S. Gamble	Carpenter	2 days

S 47 1/4 E

Survey made ^{begin} Aug 10th 97
 for the inner ground
 work in the different
 tunnels of the Musick
 Mining Co Mines
 beginning at top of shaft
 at Male head in floor
 from which Sledge hammer
 handle with nail head marks
 the point on dump.
 bears S 31 1/2 E, 25 1/4 feet
 and from which
 a round post 6 inches
 diameter with mooring
 of 6 tone alongside male
 head making the report point
 bears S 30 E, 24 ft 3 in
 from which

5-8

No 1

Shaft 4×9 feet 14^{ft} deep
on the ledge

Bears $N 47^{\circ} W$ 179 feet

Thence from trail head last
mentioned in spot enclosed
from which shaft no 2
 5×7 5-foot deep

Bears $S 45^{\circ} \frac{3}{4} E$ 124 feet

a sharp point of top of which
on a south side on top of

Bohema peak bears $S 48^{\circ} W$

Shaft building is $20 \times 40 \times 8$
feet high in the clear

from same point shaft no 3

4×4

a short tunnel
leading from the shaft at a
point 11 feet from surface

course of tunnel $S 47^{\circ} \frac{1}{2} E$ 25 ft

Bears $S 47\frac{1}{4}^{\circ} W$ 18.3 feet
Thence from the top of
wing no 1. from nail head
in floor ^{from} top of wing at 30 feet
3 inches plum struck east wall
drove iron spike in wall
 $S 34^{\circ} W$ 2 feet from which point
plumit strikes the floor of
tunnel no 1. fixed point by
spike 10 feet
Thence $S 56^{\circ} E$ 45 $\frac{1}{2}$ feet to end of
tunnel

Thence nail before mentioned
 $N 69^{\circ} W$ 18 feet 5 in

Thence $N 79^{\circ} W$ 23 ft 10.

" $N 47^{\circ} W$ 20 "

" $N 57^{\circ} W$ 20 " to same 57 $\frac{1}{2}$ feet

to end of tunnel

5-4

Thence from top of No 2 wing
dropped plummet at 15 feet travel
Set over 5 feet, plummet struck W
wall at 20 feet set over 5 feet, 8 ft
plummet struck floor of tunnel
No 2.

Thence S 68 1/2° E, 68 feet

" S 56 1/2° E, 85 feet 9 in

" S 30 1/2° E, 27 "

" S 46 1/2° E, 82 "

" S 81° E, 31 "

" S 55° E, 80 "

" S 70° E, 26 "

" S 89° E, 36 "

R 28 ft
abandoned tunnel
Main tunnel
end of tunnel

Thence from wire

" N 37 1/4° W, 35 feet 8 in

" N 20° W, 8 1/2 feet

" N 36 3/4° W, 17 1/2 "

R 29 ³/₄ W 82 ¹/₂ ft to end of line

Aug 1 - 99

Measurements in series No 1

for the Slope
at 7 feet slope left 4 ft

Right - 8

at 15 "

Left 24

4 "

Right - 24 "

30

Left 44 "

Right - 31

to turned not

from Turne no 2 to no 3

there is no Slope set over for

from Turne no 2 head of

Livinge dropped plummet

at 22 feet 6 in plummet strike wall

make same by spike on wall

set over 7 ¹/₂ foot dropped plummet

55
19 feet ^{set 2 ft} deep plummet 7 feet
strikes N wall set over 4 feet
deep plummet at $4\frac{1}{2}$ feet
above of tunnel No. 3.
No stoping from tunnel 2 to 3.

Hence from Nale head at foot
of George B.

S $74\frac{1}{2}^{\circ}$ E 24 feet Slope below tunnel
S 77° E 50 " " " "
S $57\frac{1}{2}^{\circ}$ E 50 " end of slope
S 50° E 13 " to Nale in reef exposed
see sheet 10 feet to end of tunnel

Hence from Nale at foot of
No. 3.

N 39° W ore 2nd level 37 feet
Hence N 20° W $4\frac{1}{2}$ feet to wall
in face of tunnel

Set over 2 feet
Thence drop foot of tunnel
down mine No. 4 at 32 feet
to make it work. Set over
2 1/2 feet drop 15 feet to
fall on tunnel No. 4
at a dip in foot wall
N 32° W. 27 feet 8 inches
Thence N 20° W. 20 feet. Slope
in the roof 20 long 8 high over
Thence N 34 1/2° W. 74 1/2 feet
" N 45 1/2° W. 32 feet to make
in roof end of tunnel
Thence from foot of mine
No. 4. S 61° E. 4 feet on shoot above
& below 58 feet on shoot above
114 1/2 feet
Thence S 45° E. on shoot 26 -
43. to make

56

Thence S 58° E 25 ft.

" S 34° E 66 "

" S 84° E side cut 10+12 37 ft ^{RA}

" N 86° E 117 ft 4 in

" N 78 1/2° E 25 side tunnel L 25

69 feet

" S 83 1/2° E 37 " 10 in

" S 49° E 21 feet 8 in are short

" N 87 1/2° E 23 4 feet ^{in reef} ^{one side} ^{to} ^{the} ^{center} ^{of} ^{the} ^{reef} ^{to} ^{R 10} ^{191 ft}

3-5 feet L.

76 1/2 feet * head of

distance from 4 to 6

Thence S 57° E 84 1/2 feet

" S 49° E 32 feet main cross ^{S 0 1/2}

67 ft 4 in

Slope in the roof to surface

Thence from Nail in
Cross tunnel at intersection
with main tunnel

N $61\frac{1}{2}^{\circ}$ E. 106 feet to nail in
mouth of tunnel

Thence N $47\frac{1}{2}^{\circ}$ E. 107 feet in shaft
to a nail in center of tract

Then using from 4 to 5
dropped plummet strikes

N wall spike in wall

13 feet set over 6 ft $25\frac{1}{2}$ ft
to tunnel No 5

Thence N 80° E. $34\frac{1}{2}$ feet

III S 79° E. $28\frac{1}{2}$ feet

II S 70° E. 85 feet to end

5-7

of tunnel.

Thence from west
N 86° W 32 feet deep in the
floor in tunnel 18 feet.

Thence N 67° W 46 to face
of tunnel No. 5.

Thence from top of wing
from No. 5 to No. 6, 74 feet
to nail in floor of tunnel No. 6,
set over 8 feet to center of tunnel
to a spike.

Aug 12

Thence S 88° W 17 ft 4 in

" N 79° W 25 "

" S 86° W 19 feet

" N 83 1/2° W 117 " to end of tunnel
marked point by nail on the
wall near roof.

Thence from wall in tunnel of east
The lower end of the wire from
5 to 6,

Thence $N 86^{\circ} E, 32\frac{1}{2}$ feet

" $S 56^{\circ} E, 5-7$ " to nail at corner
of cross tunnel.

Thence $S 50^{\circ} E, 19$ feet.

" $S 57\frac{1}{2}^{\circ} E, 42$ " " set over 15 m

" $S 58^{\circ} E, 79$ " " to end of tunnel.

Thence from intersection of main
cross tunnel

Thence on cross tunnel to entrance
at which point fixed a point
by nail in the length of tunnel
475 feet $N 11\frac{1}{2}^{\circ} E$

from Rock to point intersection of Cal
Dipmeter side line bears $S 59\frac{1}{2}^{\circ} W, 194$ ft

58

Thence from Male in mouth
of Main Cross Tunnel to a
bearmant point which is a
Rock 12 x 12 inches, beared in
the ground, with + cut
for exact point, which

Bears $N 16^{\circ} W$, 57 feet.

Flag pole on fair view Bears $N 3^{\circ} E$,

Flag " on Bohemia " $S 7^{\circ} W$,

Half fir tree on the south of an
opening on north end of ~~ground~~
Mountain Bears $N 89^{\circ} E$,

Thence from this point run
a level line from Male in mouth
of ^{cross} tunnel No 6, to a point on
the line of ledge.

Cous	Dist FT	F.S. in	B.S. in	Remarks
S 16° 0'	57	$\frac{87}{115}$		at mouth of tunnel
S 59° 4'	267 1/2	42 1/4		to point of rock
S 43° 3/4'	454		171 1/2	
S 54° 3/4'	119 8	198		
S 48°	108		24 1/2	
S 39°	330	72 3/4		
S 12° 1/4'	350		52 1/4	
S 5 1/4'	106		30	intersect ledge
	1524	278	278	

5-9

Continue line

course	dist	ang
N 57° 22' W	161.3	21
N 59° 22'	55.8	7° ✓
" 60	85	6 1/2 ✓
" 59°	287	15° ✓
" 61°	114 1/2	11° ✓
" 55°	232 1/2	7 1/2 ✓
" 53°	90 1/2	2° ✓
" 55	106	15 1/2 ✓
" 59 1/2	66	5° ✓
" 58°	124	1° 14' point in cliff
" 58°	150	23 1/2 ✓
" 58°	315	10° ✓
" 54°	196	6° to make in shaft house
	<u>1901</u>	

From the note in shaft -
 or where how continued the
 contour line to the summit of
 the main divide ^{and intersection of}

Cours. Dist. ang. Remarks

N 34° W	56.9	2°	/
N 34° W	263 1/2	3°	/ Slope with note
N 34° W	170.	2 1/2°	/ first note in contour
N 34° W	107.9	13° 1/2	/
N 34° "	130.	27 1/2°	/ to summit of divide
N 34° "	44.	30°	/ to intersection of

Contour

I found on line of Cal ledge

S 81 1/4° E	52.	21°	/ Summit of divide
" 82° E	243.	19 1/2°	/ Slope with
" 82° "	192 1/2	23 1/2°	/ at 39 ft shaft 14 x 8 - 10 dia
" 82 1/2° "	168 1/2	25°	/ at 75 L. 50 ft shaft - 6 x 8, 15 ft dia
" 83° "	120 1/2	32 1/2°	/ Summit

*

60

83° 6'	126.2*	31 1/4	Post and nail
83 "	158'	15°	26. face cut 50 ft mouth
83 "	242 1/2	12°	10 ft Mines here on line
*3			150 ft Lurby Mill
			242 1/2 ft Mouth tunnel
			4 bars N 1/2 W

* N 83° E, No 1 from which point
tunnel on the Cal bears N 12° W, 23 ft
2 ft lower than *

Thinner course of tunnel No 1
Bears S 86 1/2° W, 2 1/2 ft.
N 76 1/2° W, 70 ft. 27 ft. away T & R
- ends of tunnel with an 12 ft

* tunnel No 2 Cal bears N 1° E, 31 1/2 ft
Course of tunnel (West)
Bears West 71 ft open cut
" East 25 "

from the rock marked X run a
level line to intersection of
Cal ledge

Cross N 22° 55 ft - thence N 1 1/2° W 92 ft
to stake with mark 75 in
lower than cross + on rock

67

⁵
* Tunnel no 3. Area $4 \times 10 \times 5-0$ ft
Covered most length of Tunnel 9 ft
of open cut 55
37 67

White Ghost - no 1
Mystery Claw " 2

Survey made for the
Missick Mining Co. for
the amended location of
the White Short Quarry
Mining Claim beginning
August 16th 1899, by setting
a post 4 ft long 4 inches square
18 inch in the ground
with mound of stone along
side Berubed M.S. set for
center Westerly end of cl.
from which ^{mouth of} Discovery cut
bears N. 5⁰ W. 15 1/2 ft cut bears
westerly 28.10 4 + 4 ft
Creek N 3⁰ W 9 ft
Corner of Missick Co. Quartz
Mill bears N 88⁰ W
Top of Bohemia peak bears S 28⁰ W
44 S. Cr 11 + 14 bears N 26⁰ W 11.05 ft

62

of 23 S. R. + 20

Course S 61° W

Thence from center post describe
S 29° W 300 feet set post 4 ft
long 4 in square 18 in in ground
with mound of stone along side
scrubbed M.S. S.M. cur

Thence from center post
N 29° E 300 feet set post 4 ft
long 4 in square 18 in in ground
scrubbed M.S. for N.M. cur

Thence S 61° E, 1500 ft. N.E. Cur
set post 4 1/2 feet long 4 in
square with mound of stone
along side scrubbed M.S.

Thence S 29° W 300 ft center
of East end of claim.
Set post 4 1/2 ft long 4 in square

62

of 23 S. 12 1/2 E.

Course S 61° W.

Thence from center post describe
 S 29° W. 300 feet set post 4 ft
 long 4 in square 1.8 in in ground
 with mound of stone along side
 Scrubbed M.S. S.M. cur

Thence from center post
 N 29° E. 300 feet set post 4 ft
 long 4 in square 1.8 in in ground
 Scrubbed M.S. for N.M. cur

Thence S 61° E. 1500 ft N.E. Cor
 set post 4 1/2 feet long 4 in
 square with mound of stone
 along side Scrubbed M.S.

Thence S 29° W. 300 ft center
 of East end of claim.
 set post 4 1/2 ft long 4 in square

62

of 23 S. R. T. Co.

Course S 61° W

Thence from center post described
 S 29° W 300 feet set post 4 ft
 long 4 in square 18 in in ground
 with mound of stone alongside
 described N. S. S. M. C.

Thence from center post
 N 29° E 300 feet set post 4 ft
 long 4 in square 18 in in ground
 describe M. S. for N. M. C.

Thence S 61° E, 1500 ft N. E. C.
 set post 4 1/2 feet long 4 in
 square with mound of stone
 alongside describe M. S.

Thence S 29° W 300 ft center
 of East end of claim.

Set post 4 1/2 ft long 4 in square

with mound of stone along side
Scribed M.S.

Thence S 29° W, 300 ft S.S. cor
Fin 24 inches per cor post
Overhead M.S.

Thence N 61° W, 1500 ft
to P.M. Set post 4 1/2 ft long
4 m. square Scribed M.S.

Thence N 29° E 300 ft
to place of beginning. 7/186

63.

Mystery Claim

Beginning at a $\frac{1}{2}$ in $\frac{1}{4}$
for S.M. Can Scribed
M.S.

Thence $S 52^{\circ} E$, 1500 ft
to S.E. cor of cl. set post
 $4\frac{1}{2}$ ft long 4 in square
set 18 in in the ground
Scribed M.S.

Thence $N 29^{\circ} E$, 300 ft center
of East end of claim set
post $4\frac{1}{2}$ ft long 4 in
square set 18 inch in the
ground Scribed M.S.

Thence $N 29^{\circ} E$, 300 ft
to N.E. cor set post $4\frac{1}{2}$ ft
long 4 in square 18 in in
the ground Scribed M.S.

286

Thence $N 52^{\circ} W$ ¹⁴⁷⁵ 15.00 ft
intersect 12 ft North of $N 29^{\circ} W$

Thence $S 29^{\circ} W$ 300 ft to Center
part on West end.

Thence $S 29^{\circ} W$ 300 ft to Fir 24 in
dia place of beginning

Aut 23 - 1899

Corner to Sec 13, 14. 23724

$S 23^{\circ} E$, 70

Thence North 40.00 ch

intersect at $\frac{1}{4}$ S cor from
R Fir 20 in dbars $S 61^{\circ} W$ 46 ft

W Fir 10 " " $S 66^{\circ} E$ 26 ft

Thence I connected the S. E.

cor of the Mystery Quarry

to the $\frac{1}{4}$ S by running
a line South ^{18824 ft} 286 ch

set post in the monument of R.

64

To intersection of South
boundary line then on
South boundary line
S. 52° E. 1.75^{mi} ch to S & C

Aug 24th 1899

Survey of the Defiance
Aug 28th 1899

N 66° 10' W 745 ft to Sta 12

" 41 1/2 " 5.00

34° " 255 ft

True course of line is

N 54 7/8° W

Beginning at cedar post
4 1/2 ft long 4 met square
with mound of rock along
side for center post ~~at~~
the Easterly end of
Defiance Quartz Lode

1/4 S cor bet Sec 11 & 14, T23S

1/2 E - bears N 1/2 E - Flag pole on
Narrow - bears N 1/2 E

65

Thence 333 M. 105 ft foot
of high bluff Rock.
Set witness cor which
is 195 ft N 38° E of true
cor which is inaccessible
Scribed W.C. M.S.

Thence from center post
above subscribed
N 38° E, 300 ft - Set post
4 1/2 ft long 4 inches square
Set 18 inch in the ground
with amount of Stone along
-side Scribed M.S.

from which cor No 4 of the
white post bears N 21° E, 295 ft
1/4 S cor 11 x 14 bears N 5° W

Thence N 54 1/2° W, 1500 ft

Set post $4\frac{1}{2}$ ft long 4 in
square 18 in in ground with
mound of stone along side
scribed No 2 N.S. No 2 N. M. on
main side

Hence S. 33° W. 300 ft

Set post $4\frac{1}{2}$ ft long 4 in
square 18 in in the ground
for center of N. M. by end
of claim. Scribed N.S.

Hence S 33° W. 300 ft Set
post $4\frac{1}{2}$ ft long 4 in. square
18 in in the ground with
mound of stone along side
for S. M. on. Scribed No 3

N.S.

Hence S $54\frac{1}{2}^{\circ}$ W. 1500 ft
to point bluff rock

66

Thence $N33^{\circ}E$. 195 ft
to witness on under
bluff 300 ft to center
post on easterly end of
ice and place of beginning

4.
From post No. 2 of the
DeFrance Run S 54° E. 193 ft
intersect the center line of the
California ledge. Set post $4\frac{1}{2}$
ft - long 4 in square with
ground of stone alongside
Thence S 78° E on the Cal ledge
1318 intersect West boundary
end line of the White Salt
S 4° S 29° W of center post

True course of Cal. ledge
is from center post on the
West end line of the White
Salt is S 82° 15' W.

67

Survey of the California
Beginning at a post $4\frac{1}{2}$ ft
long 4 in square set 18 inches
in the ground with mound
of Stone along side Scribed
M.S. Set in center of the
Easterly end of claim, it
also being the center of the
Westerly end of the White
Shoat. Thence $S 29^{\circ} W$ 300 ft
to post $4\frac{1}{2}$ ft long 4 in square
18 inches in the ground
with mound of Stone along side
Scribed M.S. No 4.

Thence $S 80^{\circ} W$ 640 ft intersect
the Northerly boundary side line
of the Defiance Claim
1500 feet Set post $4\frac{1}{2}$ ft

4 in square 18 inches in the ground
with mounds of stone along
side Scriber No 3, M.S. S W. C.C.
Thence N 29° E. 300 ft set post
4 1/2 ft long 4 in square 18 inc
in the ground, with mound
of stone alongside. Center of
Westerly end of claim Scriber
M.S. C.C.

Thence N 29° E. 80 ft beam
^{at point 24 ft - 8.54 1/2 1/2 N W. D}
Defiance claim 300 ft
set post 4 1/2 ft long 4 in
square 18 inc in the ground
with mound of stone alongside.
S.W. cor California, Scriber
No 2, M.S.

Thence S 80 1/2° E. 1500 ft
to N.E. cor of cal and N.W.
cor of White Ghost cl

68

Aug 30 - 1899

Survey of the Alpharetta
Lode claim

Beginning at a
White Fir 14 inch dia identified
with original location for
the S.W. cor. 75 ft S 52° E.
of the S.W. cor of the Mastery
claim Scribed No 1 S.W. cor.
Thence S 13° W, 300 ft set
4 1/2 ft long 4 in square 18
in in ground with mound
of Stone along side center point
of West by end of Cl Scribed
A. N. C.

Thence S 13° W, 300 ft set post 4 1/2 ft
long 4 inch square with mound
of Stone along side Scribed
A. S. W. C No 2

Thence $S 62^{\circ} E$, 1500 ft
Set post $4\frac{1}{2}$ ft long 4 in
square 18 in the ground
with mound of Stone alongside
Scribed A. S. E. No 3.

Thence $N 13^{\circ} E$, 300 ft Set post
 $4\frac{1}{2}$ ft long 4 in square 18 in
in ground with mound of
Stone alongside. Scribed

A. E. C. Thence $N 13^{\circ} E$, 300 ft
Set post $4\frac{1}{2}$ ft long 4 in square
18 in in the ground with
mound of Stone alongside

Scribed A. N. E. No 4.

Thence $N 62^{\circ} E$, 100 ft intersect
East end line of the Mystery
66 ft $S 29^{\circ} W$ from center
post set post as per instructions
A. & M.

69

Thence $S 29^{\circ} W$, 234 ft
to S. E. cor of Mystery
a post $4\frac{1}{2}$ ft long & c
Mouth of tunnel 40 ft long
Bears $N 5-2^{\circ} W$

Thence from same cor
 $N 5-2^{\circ} W$ on the southerly
boundary line of the Mystery
1425 ft to place of beginning

Center of A to S E C post of
M. bears $N 43^{\circ} W$ ¹⁸⁴⁷ tunnel on N.
Bears $N 43^{\circ} W$ 32 ft

Sept 3^o 1899.
Journey of the Idaho
Quartz Mine
Beginning at point of
discovery set post $4\frac{1}{2}$ ft
long 4 inch square 18 inch
in ground. Scribed M.S.
Thence a Tunnel 40 ft
long face of which bears
 $S 41^{\circ} E, 49$ ft and Steets
and Harlow Quartz Mine
bears $N 8^{\circ} E$ about 1500 ft

Thence $S 66^{\circ} E$, around steep hill
750 ft. Set post $4\frac{1}{2}$ ft
long 4 inch square 18 inch
in the ground with purpose
of line along side for
center of Eootely end of

70 Center in end of Defiance
Beams N 65 1/4 E 240 ft

Corner Scribed I. E. C.

Thence S 24° W 300 ft Set post
4 1/2 ft long 4 in square with
mound of stone alongside for
S. E. corner Scribed S. E. C. No 4

Thence from center put
N 24° E. 300 ft Set post 4 1/2 ft
long 4 in square with mound
of stone alongside Scribed
N. E. C. No 1.

Thence N 66° W 1500 ft
Set post 4 1/2 ft long 4 in square
18 inches in the ground
with mound of stone alongside
S. N. W. corner Scribed I. N. W.
C. No 2.

Thence S 24° W. 300 ft. Set
post 4 1/2 ft long 4 in square

18 inch in the ground center
westerly end scribed I.C.W
E. N. S.

Hence S 24° W 300 ft set post
+ C. et - S. W. C. scribed

I. S. W. C. No 3.

Hence S 66° E 1500 ft to post
No 4 + S. E. Cor.

Lines to corner bituminous to

Rock x

Office bears N 8° E,	47	S. E. cor
lumber House,	97	" " "
Assays office	131	" " "
Boarding House	133	" " "
Quartz Mill	200	N W
Burnt House	394	West end
Risdom's House	439	S side

71

Barm N 33° E 300 S end

N 80° W 375

" 78° W 525

" 62° " $\frac{150}{1050}$

Tunnel on Hazel ch. bears

S 46° E 75 ft from N center

Aneroid reading at spot

5650 ft

angle with vertical curved 30°

top of hill

Sept 6th 1899
Survey of the Hazel
Starting at the N^o 1 cor.
at a post scribed H. No 1.
also the N^o 1 cor of Idaho
Thence N 75° W 1040

Set post for N^o 2 cor
Scribed H N^o 2

Thence S 24° W 300 ft Set center
post scribed H. W. C. Tunnel cor S 70° 25'

Thence S 24° W 300 ft Set post
for S^o cor scribed H. S. W. C. No 3

Thence S 75° E 1040 ft Set post
for S^o cor scribed H. S. E. C. No 4

Thence N 24° E 300 ft Set East
center post scribed H. E. C.
Thence S 24° E 300 ft to place of log

72

Sept 6th 1899

Survey of Halafay Cl
Beginning at post set for
Easterly center of Mc center
of Hayes cl. Scribed H. E. C.

Thence N 37° W on center line
450 ft face of tunnel 10 of N

7.2 ft long 1500 feet

Set post for center of water
line of cl. Scribed H. M. C.
Thence S 24° W 300 ft to 4 inches
post for S. M. C. No 3.

Thence from center post
N 24° E. 300 ft Set post for
N. M. C. No 2.

Sept 7th 1899
Surrey of the Buck
Commencing at the S.W. cor
of the California cl.
at the S.E. cor of the
Buck claim. post marked
No. 7 B.

Thence corner point bears
N 24° W 133

Thence N 66° W 2.00 ft in line
easterly boundary and line
of the Idaho claim.

N 24° E 99 ft for center easterly
line.

Set post for S.W. cor of the
Buck.

Thence from the point of
beginning N 29° E 300 ft to center
easterly end, and west center end

73

part of Cal.

Thence $N 25^{\circ} E$ 300 ft to N.E.
Cor part No 2 & N.W. Cal No 3

Thence $S 81^{\circ} W$ 638 ft along the
southerly boundary of the hill-
-side cl. of Bingard & Brauer
to S.E. cor William Tell cl

Thence $S 81^{\circ} W$ 96 ft intersect
northerly boundary of the Idaho
Set post -

Thence $S 66^{\circ} E$ following northerly
boundary of Idaho 371 ft
to N.E. cor Idaho claim

Thence $S 24^{\circ} W$ 201 ft on easterly
end line of Idaho cl to S.W.
Cor of Bate B & No 4

Thence $S. 66^{\circ} E$, 200 ft pole
beginning

Sept 7 m 1899

Survey of the sum cl
Beginning at the S & co
^{S. M. J. No 3}
and westerly boundary of
the Defiance cl $S 33^{\circ} W 88 ft$
from center post. Set post

Thence $S 33^{\circ} W 212 ft S, E$, Cor Defiance
cl 300 ft Pinus insularis center
of easterly end of sum

Thence $S 33^{\circ} W 300 ft$ set post
S & co,

Thence $N 66^{\circ} W 1500 ft$ set post
for S. M. Cor of the Jun Scrub
S. M. J. No 3

Thence $N 33^{\circ} E 200 ft$ in reach
south boundary of Idaho

$S 66^{\circ} E 70 ft$ from S. M. co
set post,
J

74

Thence S 66° E 1430 ft
to S^o. cor of Idaho.

Thence N 24° E 100 feet Easterly
center part of the Idaho claim

Sept 8th 1899

181
~~135~~

Survey of A Jay cl. beginning
at the Disener hole and point
where the line is posted
Thence S 60° E. 450 ft being
750 ft from the westerly end
of cl. Set center post for the
westerly end of the Easterly half
Scribe A. J. C.

Thence S 25° W. 239 ft intersect N
boundary of the Mystery
ft from the N. E. cor

Set post for S. W. cor of A Jay
Scribe A. J. S. W. No 1.

Thence N 25° E. 157 ft or to the
South boundary line of the
Mammehaha cl. Set post
for N. W. cor Scribe A. J. N. W.
No 4

75-

Thence from center post
S 65° E, 750 ft Set post for
East end center of the Gray
Claim Scribed E. E. C. A.

Thence N 25° E 151 ft -
Intersect S. E. of Wall St Co
property, set post for N. E.
A. No 3.

Thence from center post -
S 25° W, 300 ft Set post for
S. E. Co Scribed S. E. A. No 2.

Thence N 65° W 460 ft. intersect
at North boundary of the
Maggery claim 518 ft N 52° W
of N. E. Co Scribed W. H. in
12 in dia A for intersection
Thence N 52° W

200

Sept 8. 1899

Survey of the Los Angeles
Claim.

Beginning at post intersection
of Gal. Defiance cl

Thence $S 4^{\circ} E$. 542 ft foot
bluff Rock.

Thence $S 80^{\circ} E$ 382.

Thence $S 33^{\circ} W$ 56. ft to $\frac{1}{2}$ center post
of the defiance.

Discovery point on the Defiance

Beas $S 54^{\circ} W$ 425 ft

Thence $S 80^{\circ} E$ 1118 ft

Set post $S E$, corner of L, A

Thence $N 4^{\circ} W$. 264 ft intersect

South boundary of White

Ghost $N 61^{\circ} W$ 594. of $S E$

cut

76

Sept 9th 1899
Survey of the Gueon
Mining cl.

Beginning at the Discovery
point where is a tunnel
16 ft long run on the main
Thence ~~North~~ 500 ft to
center post on W. side and
of cl. Set post labeled Y
W.C.

Thence South 300 ft Set post
for S. M. Co. labeled Y S. M. No. 4

Thence from center post
North 300 ft Set post for
S. M. Co. labeled Y S. M. No. 1.

Thence from Discovery tunnel
East 1000 feet Set post for
East end center Y E. C.

N 15° E,

of fence South 300 ft set
post for S & Co.

Described N. S. E.

Thence North 32 ft intersect
South boundary of the farm

N 66° W 658 ft from S. & Co.

Thence North 300 ft set in

side the fence. N. whence post

set at ~~distance~~ ^{distance} point bears

N 15° E 249 ft

Thence West 597 ft intersect

S. bay of the farm set post

Described N. S.

77

Survey for Jensen & Bor
& C Bremner, Sept 13th 1899
Beginning at the discovery
point of the Helena l.
Bear 19° 30' E.

Thence S 64° E, 146 $\frac{10}{12}$
to the point where Warner
noticed was posted claiming
the location of the Badger
Claim West 1200 ft. from
notion and East 300 ft
as called for by the certified
Copy from Court Clerk

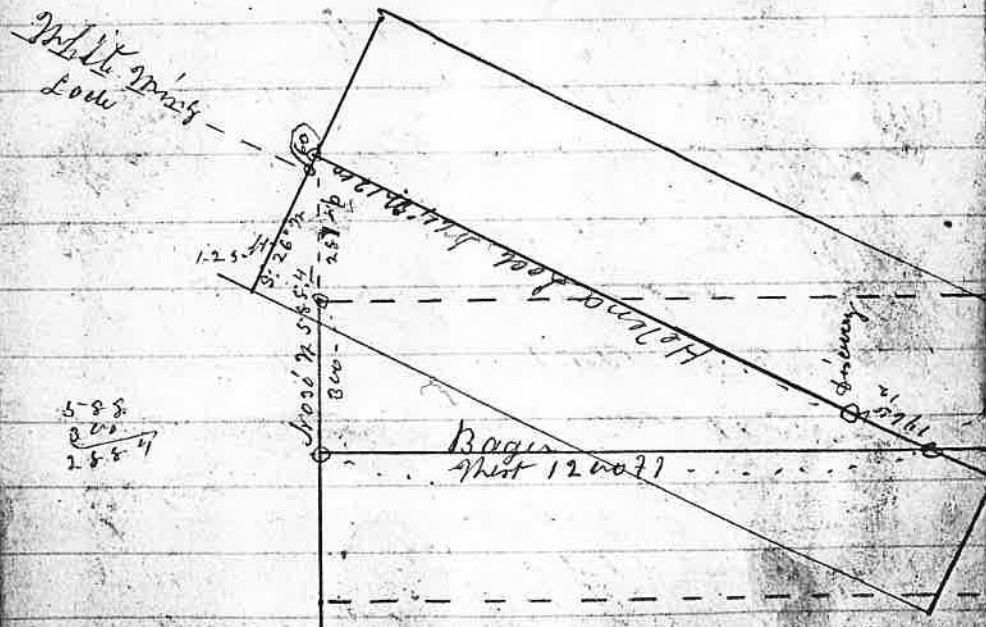
West 1200 ft center of West
end of Badger

Thence N 30° W 587.6 ft

Thence S 26° W 60 ft to point
originally set for Eastern corner
of the White wing

78

Henry Landess	Chairman
Jeff	"
A. O. Connley	Axon
Parker	"
M. H. Hayes	Ag. Secy



Sept 15th 1899
Survey of the White
Bear Quartz Lode
Beginning at a point on
the ledge fixed as center
of the basket by end of it
which is a post $4\frac{1}{2}$ ft
long 4 inches square set
18 inches in the ground
with mound of stone
alongside. Scribed N. 8.
thence Discoverer's Cut 3+4
7 deep, at face Bears.
N 64° W 71 ft. (var $19^{\circ} 30'$ E,
thence $S 7\frac{1}{2}^{\circ}$ W 300 ft set
post for S.E. cor. Scribed N. 8, 7
thence from center post
N $7\frac{1}{2}^{\circ}$ E. 300 ft set post
for S.E. cor. Scribed N. 8 4

79 N 64° W

Hence from center post
Easterly end N 64° W
I know the course of the
large 200 ft. cut and tunnel
30 ft. long 4 + 5 ft. - base 3 out 15 ft.

Hence N 66° W 150 ft.

Hence N 68° W 800

Hence S 88° W 88

" S 74° W 172

Hence N 75° W 1400

188
1522

To center post note end of all
Set post as per instructions
being the the Westest center
of White Bear of Easterly end
of Folding Leaf

Hence N 7 1/2° E. 300 ft set

post for N.W. cor for White
Bear and S.E. cor Falling
leaf. - True course of cl is N 73 1/2° W. 1480 ft -
Thence from center post -
S 7 1/2° W. 300 feet set post for
S.W. cor of the White Bear and
S.E. cor of Falling leaf.
Thence from center post
on course of ledge
N 71° E. 1225 -
Thence ^N 28° 30' W. 181 ft

1406
intersect at original post
on the westerly end of
Falling leaf. Set post -
for center post S. Cuba M.S.
from which
R 7 in 24 inches bears S 66 1/2° E 12 - 8 ft

80

Thence $N 7\frac{1}{2}^{\circ} E$ 300 ft
Set post for $N 7^{\circ} W$ cor
Scribble M.S. 3, alt 3800 ft
This 30 inches $S 7\frac{1}{2}^{\circ} W$ 10 ft

Thence $S 7\frac{1}{2}^{\circ} W$ 300 ft set
for $S, 7^{\circ} W$ scribble M.S. 2
This 10 inches bears $N 2^{\circ} E$ 25 ft

True course of ledge is $N 70^{\circ} W$
Distance or length of claim
1380

Sept 16th 1899,
Survey of The Mountain
Chief Quartz Lode claim
Beginning at a point -
60 ft S 72° E. from S.M. cor
No 1 of the Lauretta cl.
Set post 4 1/2 ft long 4 in
in the ground for S.M.
Cor. No 1. - Bar 19 1/2 E.
Thence the S.M. cor of the
Helena Co Ore House bears
N 6° E. also highest rocky
point on Snow Mountain
bars S 58° W.
Thence S 18° W. 300 ft set
for center point of Western
end of cl.
Thence S 18° W. 300 ft set
post for S.M. cor set loc
N.S. 2.

81

Hence S 72° E, 545 ft

Stake set by Woodley Co
Bears N 030° E, 113 ft

Scrubed N E E 371.3

1500 ft part for S E,

Co scrubed M S 3,

Hence N 18° E, 300 ft set
part east center, M, S,

Hence N 18° E, 300 ft set
part for N. E. Cor. scrubed

M S. 4. Whence S. E. Cor
of the Lauretta cl bears N 72°

N 60 ft. Hence N 72° W
1500 to place of begin

Sept 19th 1899 -
Sarrak Min. Lod. Lodge
owned by G. B. Bruneau
Survey commenced at
Westerly end center,
by setting a post $4\frac{1}{2}$ ft
long in square 18 in
in the ground with
mound of stone alongside
scribed M.S. whence the
Discovery shaft $4 \times 6 \times 28$
ft deep, bears $S 74^{\circ} E, 32$ ft
also ^{100 ft} $4 \times 6, 60$ long, bears
 $S 72\frac{1}{2}^{\circ} E, 135$ ft
also the Easterly center post
of the Annie Mine Noondan
Cov. Bar 19 $\frac{1}{2}$ ft
Then a $N 23^{\circ} E, 300$ ft set
post for N.W. Cor. S. M.S.
Joining N.E. cor Annie cl

82

Thence from center post
S 20° W. 300 ft. set post for
S. W. S. M. S. 1 also S. E. cor of A.
Thence S 47° E. 1444 ft
intersect S. E. cor.

Set post for S. E. cor
Scribed S. E. S. M. S. 2.
also S. W. cor of

Thence N 23° E 300 feet set
center post of East entry end
Scribed S. E. M. S.

Thence N 23° E 300 ft set
post N. E. cor S. M. S. 3.

Thence N 47° W. 693. S. E. cor H
1272 ft

Thence N $41\frac{1}{2}^{\circ}$ W. 201.-

Sept 18, 1899
Survey of the Sally vein
Lode or ledge or deposit.

Beginning at a point $S 64^{\circ} E$
65 feet from cor No 1 of
the Helena claim

Set post $4\frac{1}{2}$ ft long 4 inch
square 18 in in the ground
with mound of stone
alongside. Scribed M. S. 1

Thence $S 18^{\circ} W$ 300 ft Set post
for center of the westerly end
of l.

Thence $S 18^{\circ} W$ 300 ft Set
post for S.M. cor Scribed
M. S. 2

Thence $S 64^{\circ} E$ 13 13 ft intersect
westerly boundary

83

line of the Helena dam
S 44° W, 191 ft of the N.E. cor
Scribed H 371. 4
1783. Set post for S.E. cor
Scribed N.S.3.

Hence N 1808, 21 ft S.W. cor
Mountain chaf 300 feet set
post for Eas. side, center
Hence N 18° E, 21 ft Westerly
end center of the M. chaf
300 ft set post for N.E.
cor Hence N 64° W, 65 ft
S.E. cor of Helena. 1500 ft
to place of beginning to

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"	" " Locate head of ditch	16
"	" to connect quarry	16
1899		
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" 20	M. D. Briggs Sec. 22 T. 30-5	18
X Feb 9	Mrs. Ral. Rimmel + Parde ^{Sec. 20-25} T. 30-5	19
X " 15	Augusta Wilson T. 30-6	20
X " 20	James Probst ^{Sec. 29, 30, 19 & 20} T. 30-3	27
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" 19	Miller & Miller T. 30-5	28
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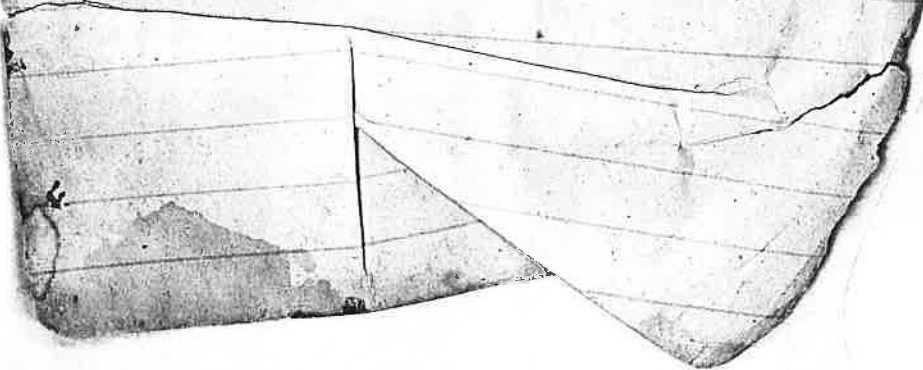
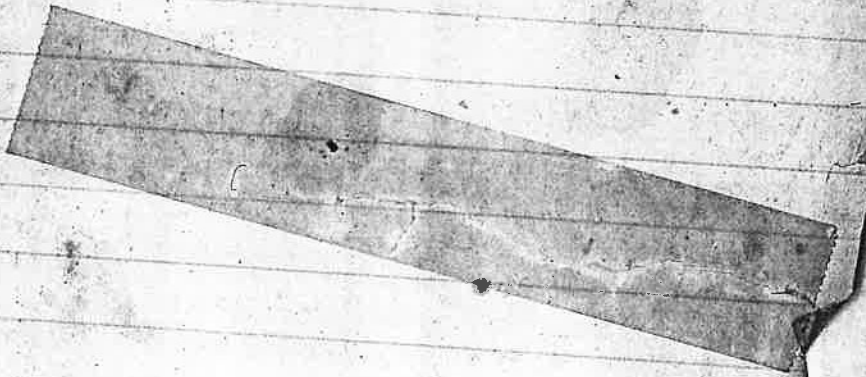
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90

Assembling Crew of White-wing
K 76 1/4 m
S 75-0 e

15-00
14-12
88-1

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92
18.



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 17 11 0
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 251
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 1692

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