

#132

Columbian Mine

Virtue District

Baker County

Owner: Donald W. Green. Lessee Robert Donald, 2851 Auburn St., Baker.

Sections 9-10

Location: ~~Center of Section 10~~, T 9 S, R 41 E. W. M. On the north edge of Virtue Flat, about 11 miles east of Baker.

Area: 1 patented and 3 unpatented lode claims.

History: Inclined shaft dug many years ago. In 1914 worked for a short while by Wm. Pierce. In summer of 1938 the old shaft, which had been filled to the brim by a cloudburst, was reopened by Robert Donald, and ore shipments started.

Development: ^{cd}Inclined shaft opened to 100'; 53 foot drift to the west on the 60' level. Several hundred tons shipped by truck to Baker and smelter.

Equipment: 15-ton double compartment ore bins. F.B. 15 H.P. vertical gas hoist and cable, bucket. #2 Sturtevant air blower. 120 cubic foot Buhl air compressor. 7 $\frac{1}{2}$ ton Federal truck. Stoper, jack hammer, track, cars.

Miscellaneous: Transportation about 12 miles to Baker loading platform, at a cost of about 68 cents per ton, or less than 3 cents a ^{ton} mile.

Topography at mine on flat bench north of Virtue flat and about 50 feet above it; the shaft is located in the bottom of a shallow gulch, which caused it to be filled by a washout in the past. It is now being protected by an embankment. Climate mild, can be worked all year, now that a graveled road has been built to the mine.

Geology: Country rock is schistose-metagabbro in contact with Tertiary Lake beds along a fault striking N 52 W, and dipping about 60 degrees S. The vein is very variable in width, in places up to 6' wide, made up of banded quartz, interbanded with gabbroid material. This structure is much disturbed and contorted in places, quite even in others. The vein pinches and widens rapidly. The ore frequently contains stibnite, usually manganese and iron oxides.

Informant: Robert Donald.

Report by JEA 9/21/39

John Shot Allen

Columbian Mine

Gold

NAME
N edge of Virtue flat about 1 1/2 mi E of Baker

PRINCIPAL ORE
MINOR MINERALS

T9S
T
R41E EWM
R
Sec. 9-10
S

PUBLISHED REFERENCES

..... Baker COUNTY
..... Virtue AREA
..... ELEVATION
..... ROAD OR HIGHWAY
..... 1 1/2 mi. Baker DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

Unpub. Report J.E.A. 9/21/59

PRESENT LEGAL OWNER (S) .. Donald W. Green ..
.....
.....
.....

Address Baker, Ore.
.....
.....
.....
.....

OPERATOR

Name of claims	Area	Pat.	Unpat.
1 claim		x	
3 lode claims			x

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

DEPARTMENTAL RECORDS on file in

DEPARTMENTAL AND AGENCY RECORDS

Columbia Mine - Virtue flat - Baker, Ore. - 9/21/59

Filing O.P. Baker

REPORTS

Columbean Mine

JEA

9/21/39

✓

SHIPMENT AND ASSAY RECORDS

Shipment Records furnished by Donald Green - Feb 22, 1943

✓

✓

MAPS

COLUMBIAN MINE

Virtue District

Baker County

Robert Donald, 2831 Auburn Street, Baker has ceased operating the Columbian Mine and ~~completely~~ removed his equipment from the property a few days ago. His lease is in force for another year, but it is believed he will not exercise it. He is now at the Bonanza Mine near Southerlin, Oregon.

Informant: Jack Gyllenberg reported by HKL 8/26/40.

Hugh K. Lancaster

Lot No. 5102

Robt. T. Donald

Sept. 21, 1939
correction Oct. 12, 1939

Dry weight 105,842

Assays :

Au .635

Ag .10

Cu .11

Fe 3.2

SiO₂ 70.6

Ozs Au recovered 33.605

Gross value

less charges

Net value

Shipments -
of ore
from Columbian
Mine -
to Tacoma
Smelter

Charges explained :

Base charge \$ 1.50

Silica 70.6%

Loss ³/_{iron} 2.1

75% less 68.5 @ \$.46

\$ 1.96

\$ 103.73

Freight 107,760 lbs @ \$ 4.40

237.07

Switching

6.44

\$ 347.24

Dry weight 115,306

Assays

Al	.85
Ag	.22
Cu	.22
Fe	3.1
SiO ₂	66.6

Ozs Au recovered 49.005

Gross value
Less charges

\$1589.17
<u>424.80</u>

Net value

\$1134.37

Charges explained:

Base charge \$2.00

Silica	66.6%
Less $\frac{7}{3}$ iron	<u>2.1</u>

75% less	64.5 @ 74	<u>.74</u>
		\$2.74

\$157.97

Freight 118,360 lbs @ \$4.40

260.39

Switching

6.44

<u>\$424.80</u>

Lot No. 5656

Oct. 16, 1939
Correct. in No. 13, 1939

Dry weight 109719

Assays:

Au .60

Ag .24

Cu .08

Fe 3.2

S:O₂ 66.0

Ozs Au recovered 34.561

Gross value

\$ 1099.61

Less charges

381.53

\$ 718.08

Net value

Charges explained:

Base charge \$ 1.50

Silica 66.0%

Less $\frac{2}{3}$ in 2.1

75% less 63.9 @ 74 .78

\$ 2.28

\$ 125.08

Freight 113640 @ \$ 4.40

250.01

Switching

6.44

\$ 381.53

Lot No. 5863

Oct. 25, 1937
Correction Nov. 13, 1939

Dry weight 109013

Assays :

Au	.54
Ag	.04
Cu	.08
Fe	3.1
SiO ₂	65.0

Ozs Au recovered 29.434

Gross value

Less charges

Net value

\$ 936.49

336.62

\$ 600.87

Charges explained :

Base charge \$ 1.50

Silica 65.0%

Less 7/3 iron 2.1

75% less 62.9 @ 74 .85

\$ 2.35

\$ 128.09

Freight 115480 lbs @ \$ 3.50

202.09

Switching

6.44

\$ 336.62

Lot No. 6056

Nov. 1, 1939
Correction Jan 19, 1940

Dry weight 109007

Assays:

Au	.4875	
Ag	.65	Less $\frac{1}{2}$ oz. Ag
Cu	.14	
Fe	2.9	
SiO ₂	66.2	

Ounces Au recovered 26.570
 Ounces Ag recovered 8

Gross value
 Less charges
 Net value

\$ 851.02
328.68
457.34
<hr/>
\$ 522.34
393.68

Charges explained:

Base charge	\$ 1.50	
Silica	66.2	
Less $\frac{1}{3}$ in	<u>1.9</u>	
75% less	64.3 @ 2¢ .75	
	<u>\$2.25</u>	
		\$ 122.63
Freight 114060 lbs @ \$3.50		199.61
Switching		<u>6.44</u>
		\$ 328.68

Lot No. 6387

Nov. 21, 1939
Correction Dec. 2, 1939

Dry weight.... 110216

Assays:

Au .3775

Ag .12

Cu .05

Fe 2.7

S:O₂ 67.2

Oz Au recovered. 20.803

Gross value

\$ 661.88

Less charges

323.95

Net value

\$ 337.93

Charges explained:

Base charge \$ 1.50

Silica 67.2%

Less $\frac{1}{3}$ iron 1.8

75% less 65.4% @ 7¢ .67

2.17

\$ 119.58

Freight 113100lbs @ \$3.50

197.93

Switching

6.44

\$ 323.95

Lot No. 6623

Nov. 22, 1939
Correction Dec. 15, 1939

Dry weight 109818

Assays:

Au .51
Ag .07
Fe 2.8
SiO₂ 72.4
- CaO 8.1
- Al₂O₃ 6.6

Ozs Au recovered 28.004

Gross value

\$ 890.99

Less charges

303.04

Net value

\$ 87.95

Charges explained:

Base charge \$ 1.50

Silica 72.4

Less $\frac{2}{3}$ ion 19

75 less 20.5 @ 2¢ $\frac{.32}{1.82}$

\$ 99.93

Freight 112380 lbs @ \$.50

196.67

Switching

6.44

\$ 303.04

Lot No. 6692

Dry weight 109610

Assays

Au	.23
Ag	.01
Fe	3.2
S:O ₂	62.6

Ozs. Au recovered 12.605

Gross value

\$401.05

Less charges

341.88

Net value

\$59.17

Charges explained

Base charge \$1.50

Silica 62.6%

Less 2/3 iron 2.1

75% less 60.5% @ \$1.02

\$2.52

Freight 112760 lbs @ \$3.50

\$138.11

197.33

Switching

6.44

\$341.88

Lot No. 6874

Nov. 30, 1939

Dry weight 99115

Assays:

Au 35

Ag 04

Fe 2.8

SiO₂ 70.0

Ounces Au recovered 17.345

Gross value

\$551.86

Less charges

281.45

Net value

\$270.41

Charges explained:

Base charge

\$1.50

Silica

70.0%

Less 2/3 iron

1.9

75% less

68.1% @ 74 .48
\$1.98

\$98.12

Freight 101080 lbs at \$.50

176.89

Switching

6.44
\$281.45

Lot No. 7280

correction Dec 14, 1939
Jan. 5, 1940

Dry weight 92043

Assays:

Au	.37
Ag	.12
Cu	.11
Fe	3.7
SiO ₂	65.6

Ounces Au recovered 17.953

Gross value

\$571.20

Less charges

294.50

Net value

\$276.70

Charges explained:

Base charge \$1.50

Silica 65.6 %

Less $\frac{1}{3}$ iron 2.5

75% Less 63.2% @ $\frac{1}{2}$.83

\$2.33

\$113.06

Freight 100 000 Min @ \$3.50

175.00

Switching

6.44

\$294.50

Lot No. 10

Jan. 11, 1940

Dry weight 95533

Assays :

Au .45
Ag .11
Cu .31
Fe 3.7
SiO₂ 62.6

Ozs Au recovered 21.495

Gross value	\$ 683.90
Less charges	<u>302.77</u>
Net value	\$ 381.13

Charges explained :

Base charge \$ 1.50

~~\$ Freight 100000 lbs @ 3.50~~

Silica	62.6 %	
Less $\frac{2}{3}$ iron	<u>2.5</u>	
75% Less	60.1 % @ 7¢	1.04
		<u>\$ 2.54</u>

\$ 121.33

Freight 100000 lb @ 3.50

175.00

Sw. fishing

6.44

\$ 302.77

Jan 31, 1940

Lot No. 225

Dry weight 99691

Assays:

Au	.54
Ag	.02
Fe	3.2
S:O ₂	64.8

Ozs Au recovered 26.917

Gross value	\$856.41
Less charges	<u>304.68</u>

Net value \$551.73

Charges explained:

Base charge	\$1.50	
Silica 64.8		
Less 3 iron <u>2.1</u>		
75% less 62.7 @ 7¢	<u>.86</u>	
	\$2.36	\$117.64
Freight 103 200 lbs @ \$3.50		180.60
Switching		<u>6.44</u>
		\$304.68

Lot No. 472

Feb. 6, 1960

Dry weight 111866

Assays :

Au 22

Ag 05

Cu 08

Fe 3.3

SiO₂ 59.2

Ounces Au recovered - 12.305

Gross value	391.50
Less charges	<u>363.65</u>
Net Value	\$ 27.85

Charges explained :

Base charge	1.50	
Silica 59.2		
Less 7/3 iron 2.2	<u>1.26</u>	
75% less 57.0 @	\$ 2.76	\$ 154.38
Freight 115900 lbs @ \$3.50		202.83
Switching		<u>6.44</u>
		\$ 363.65

Lot No. 689

Feb. 22, 1944

Dry weight 104778

Assays:

Au .22

Ag .04

Cu .08

Fe 3.2

SiO₂ 59.0

Ounces Au recovered 11.526

Gross value

\$ 366.72

Less charges

341.44

Net value

\$ 25.28

Charges explained:

Base charge

\$ 1.50

Silica 59.0

Less 3 iron 2.1

75% less 56.9 @ 7¢

1.27

\$ 2.77

\$ 145.12

Freight 108500 lbs @ 3.50

189.88

Switching

6.44

\$ 341.44

Lot No. 971

March 2, 1940

Dry weight 97659

Assays:

Au	.26
Ag	.17
Cu	.08
Fe	3.3
SiO ₂	61.2

Ounces Au recovered. . . . 12.696

Gross value. . . .	\$ 403.94	
Less charges	<u>310.32</u>	
Net Value		93.62

Charges explained:

Base charge	\$ 1.50	
Silica 61.2		
Less 3/4 iron 2.2	<u>2.2</u>	
75% less 59.0	<u>1.12</u>	
	\$ 2.62	\$ 127.93
Freight 100540 lbs. at \$ 3.50		175.95
Switching		<u>6.44</u>
		\$ 310.32

Lot No. 1438

March 27, 1940

~~Net wt~~ Dry weight 104765

Assays:

Au .42

Ag .12

Cu .05

Fe 3.3

SiO₂ 66.2

Ounces Au recovered 22.001

Gross value \$700.00

Less charges 312.78

Net value

\$387.22

Charges explained:

Base charge \$1.50

Silica 66.2

Less $\frac{2}{3}$ iron 2.2

75% less 64.0 @ 7¢ .77
2.27

Freight 107100 lbs @ \$3.50

Switching

\$118.91

187.43

6.44

\$312.78

Lot No. 1827

April 12, 1940
correction April 23, 1940

~~net wt 110740~~
Dry weight 108160
Assays:

Au .465

Ag .07

Fe 3.2

SiO₂ 65.2

Ounces Au recovered 25.147

Gross value \$ 800.09

Less charges 326.14

Net value \$ 473.95

Charges explained:

Base charge \$ 1.50

Si.l.ica 65.2%

Less $\frac{2}{3}$ iron 2.1

75% less 63.1 @ 7¢ .83
\$ 2.33

Freight 110680 lbs @ \$3.50

Switching

\$ 126.01

193.69

6.44

\$ 326.14

Lot. No. 1956

April 23, 1940

~~Net wt 113480~~
Dry weight 110382

Assays:

Au .47
Ag .11
Cu .06
Fe 3.1
SiO₂ 64.6

Ounces Au recovered 25.940

Gross value	\$ 825.32
less charges	<u>308.04</u>
Net value	\$ 517.28

Charges explained:

Base charge	\$ 1.50	
Silica 64.6		
Less 2/3 iron <u>2.1</u>		
75% less 62.5 @ 7¢	<u>.88</u>	
Freight 113500 lbs @ \$3.00	2.38	\$ 131.35
Switching		170.25
		<u>6.44</u>
		308.04

Lot No. 2489

May 14, 1940

~~Net wt 103040~~
Dry weight 101031

Assays:

Au .32
Ag .10
Cu .08
Fe 3.0
SiO₂ 61.6

Ounces Au recovered 16.165

Gross value

Less charges

Net Value

#	514.32	
	303.03	
	297.03	
	<u>291.03</u>	\$ 223.29
		217.29

Charges explained:

Base charge \$ 1.50

Silica 61.6

Less $\frac{2}{3}$ iron 2.0
~~1.08~~

75% less 59.6 @ 7¢ 1.08
2.58

\$ 130.33

Freight 102840 @ \$3.00

154.26

Switching

6.44

\$ 291.03

Lot No. 2844

June 4, 1940

~~Net wt. 104020~~
Dry weight 101284

Assays:

Au .39
Ag .05
Cu .06
Fe 3.4
S.O₂ 64.4

Ounces Au recovered 19.750

Gross value

Less charges

\$ 628.38
284.01

344.37

Charges explained:

Base charge \$1.50
Silica 64.4%
Less 7/3 iron 2.3
75% less 62.1 @ 7¢ .90
\$2.40 \$121.54
Freight 104020 lbs. @ \$3.00 156.03
Switching 6.44

\$ 284.01

June 25, 1940

Lot No. 3218

~~Net Weight~~ ~~135529~~

Dry weight ~~118140~~
Assays: 115210

Au .40

Ag .08

Cu .11

Fe 2.5

SiO₂ 66.2

Ounces Au recovered 23.042

Gross value

\$ 733.12

Less charges

312.69

Net value

\$ 420.43

Charges explained:

Base charge \$ 1.50

Silica 66.2%

Less 2/3 iron

1.7

75% less

64.5 @ 7 .74

\$ 2.24

\$ 129.04

Freight 118140# @ \$3.00

177.21

Switching

6.44

\$ 312.69

July 19, 1948
correction July 31, 1948

Lot No. 3793

Net wt	77156
Dry weight	114837
Assays	
Au	.65
Ag	.09
Cu	.17
Fe	2.6
SiO ₂	20.6

Ounces Au recovered 37.322

Gross value	\$ 1187.46
Less charges	293.15
Net value	<u>894.31</u>

\$ 894.31

Charges explained:

Base charge	\$ 1.50	
Silica 20.6%		
Less 1/3 iron 1.7		
75% Less 68.9% @ 74	.43	
	\$ 1.93	\$ 110.82
Freight 117260 lbs @ \$3.00		175.89
Switching		6.44
		<u>\$ 293.15</u>

Lot No. 4778

Sept. 7, 1940
correction Sept. 20, 1940

Dry weight 101419

Assays

Au 34

Ag 04

Fe 2.6

SiO₂ 66.4

Ozs Au recovered ~~17.24~~ 18.255

Gross value

\$ 580.81

273.58

Less Charges
Net value

\$ 307.23

Charges explained :

Base charge \$ 1.50

Silica 66.4%

Less $\frac{2}{3}$ iron 1.7

75% Less 64.7% @ 2¢ .72

\$ 112.58

Freight 103040 lbs at \$3.00 2.22

154.56

Switching

6.44

\$ 273.58

Lot No. 4973

~~Sept. 11, 1939~~

Sept. 13, 1940

~~Net wt 106642~~

Dry weight 63549

Assays:

Au .48

Ag .05

Cu .05

Fe 3.0

SiO₂ 72.4

Ounces Au recovered 15.252

Gross value

^{lb} 485.27

Less charges

184.27

Net value

\$ 301.00

Charges explained:

Base charge \$1.50

Silica 72.4%

Less 2/3 iron 2.0

75% less 70.4% @ 7 ~~1.32~~

\$1.82

\$ 57.83

Freight 80000 (Min) @ \$300

120.00

Switching

6.44

\$ 184.27

Lot No. 4896

Sept. 14, 1939
Correction Sept. 30, 1939

Dry weight... 99457

Assays:

Au	.52
Ag	.13
Cu	
Fe	2.8
SiO ₂	73.0

Ozs Au recovered 25.859

Gross value

Less charges

Net value

\$ 822.75
<u>318.51</u>

\$ 504.24

Charges explained:

Base charge	\$ 1.50	
Silica 73.0		
Less 2/3 iron 1.9		
75% less 71.1 @ 7¢	<u>.27</u>	\$ 88.02
	\$ 1.77	
Freight 101840 lbs @ \$4.40		224.05
Switching		<u>6.44</u>
		\$ 318.51