

6710 0039

(27)
Item 39

AMERICAN

Eldorado Crown Mining Co.

ZINC CO.,

WALTER G.

SWART FILES,

NEVADA

FOLDER 182

ELDORADO CROWN MINING CO.

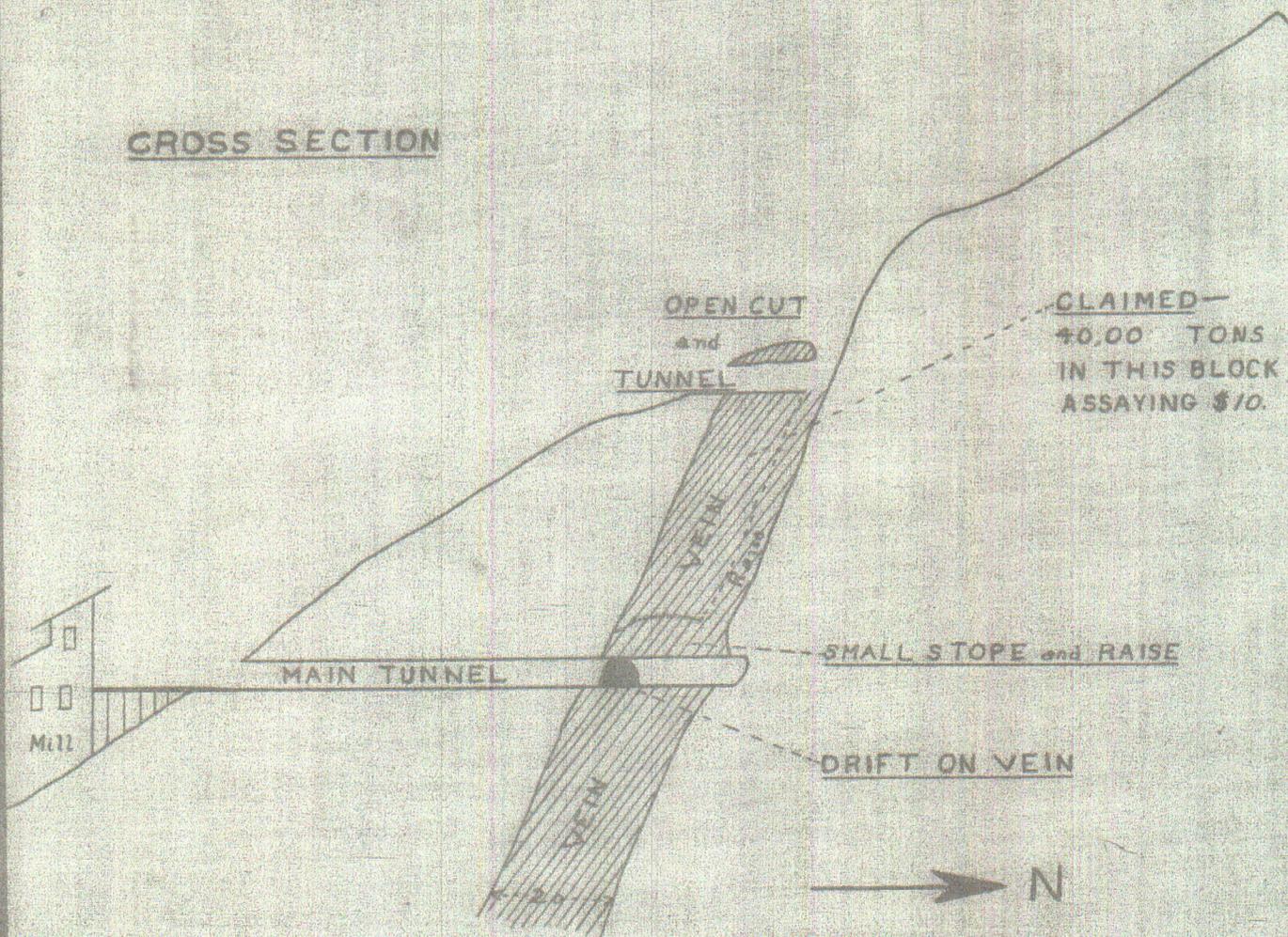
NELSON, NEVADA

JUNE 24, 1912

INFORMATION SHEET FROM W. G. SWART, DENVER

SHEET NO.

CROSS SECTION



ELDORADO CROWN MINING CO.

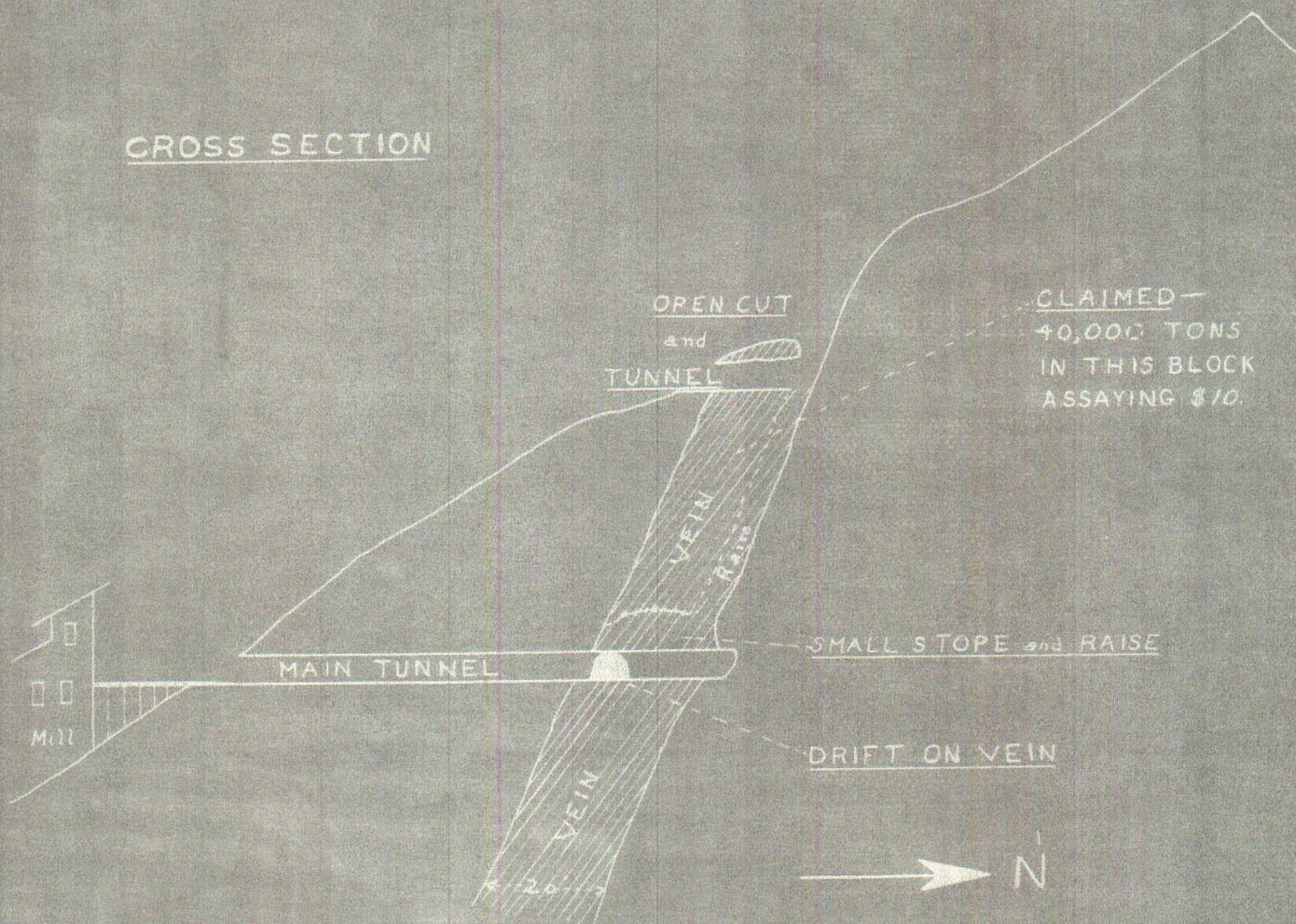
NELSON, NEVADA

JUNE 26, 1911

INFORMATION SHEET FROM W. G. SWART, DENVER

SHEET NO.

CROSS SECTION



ELDORADO CROWN MINING CO.

Office of the General Manager

EASTERN OFFICE
22 CLINTON STREET
NEWARK, N. J.

Nelson, Nevada.	JULY 10-11
File Under	<i>W.G.</i>
Subject	

Mr W.G. Swart,
Burrup, Cal.
Dear Mr Swart;

Yours of the 9th came last night, as it will be on Tuesday before the next mail goes out I can not get the data for you before about wednesday. I shall go in on Tuesday stage and if Brown is there I will get you the maps and assays. If he should not be there I shall have to wait till I get some that I had sent to a friend in Salt Lake, which I am writing for today. I can send you the copys of Bullion returns that I have shipped, which will show that I have saved about \$4,000.00 from 600 tons milled and this without saving anything from the slimes. Our steps will show the amount mined, and the slimes are on the ground and can be assayed. the slimes run at about as much as the sands, and we did not make a close saving, our tailings running as high as \$4.00 at times when we first started the experiments.

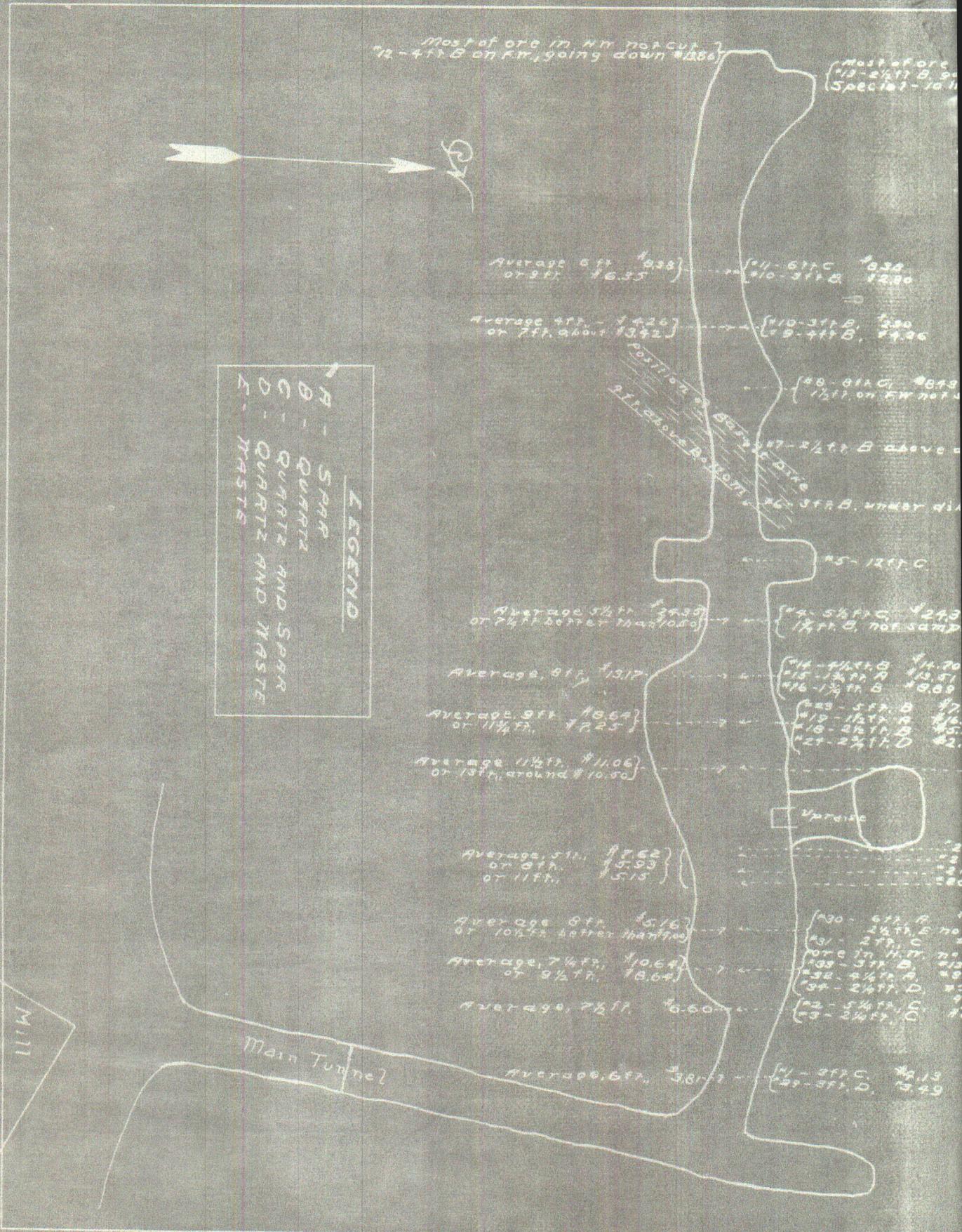
I sent 600 pounds of ore to Burlingame of Denver about a year ago and had them make a cyanide test for me. if you wish you could call on them and get a copy of same. perhaps this would help to show matters.

I will send the maps and assays as soon as possible.

Very Truly

Walter G. Swart

I could come to Denver to see your people if you think it would help



Most of ore in Mill not cut
12-411B on FW, going down #285

Most of ore
13-2 1/2 11 B, 50
Special - 10 ft

LEGEND
 R - Spurr
 B - Quartz
 C - Quartz and Spurr
 D - Quartz and Naste
 E - Naste

MILL

Main Tunnel

Dike

Most of ore in NW not cut
 72-4 ft B on FW, going down \$356

Most of ore in EW, not cut
 43-2 1/2 ft B, going up \$470
 Special - 10 lbs. of best of 413, \$740

ASSAY PLAN
 QUEEN MARIN TUNNEL
 ELDORADO MINING DISTRICT
 CLARK COUNTY, NEVADA
 SCALE, 1 in. = 10 ft.

Average 8 ft. \$930
 or 9 ft. \$635

41-6 ft C \$930
 40-9 ft D \$230

Average 8 ft. - \$426
 or 7 ft. above \$392

410-5 ft B, \$230
 19-4 ft B, \$926

POSITION OF 2 1/2 FT. DIKE
 2 1/2 FT. DIKE

48-8 ft C, \$825
 1/2 ft on FW not sampled

47-2 1/2 ft B above dike, \$577

46-3 ft B, under dike \$10.18

45-12 ft C \$10.76

Average 5 1/2 ft \$239
 or 7 1/2 ft better than 100%

42-5 1/2 ft C \$2435
 1 1/2 ft B, not sampled

Average, 8 ft. \$1317

44-4 1/2 ft B \$14.70
 45-1 1/2 ft A \$13.81
 46-1 1/2 ft B \$6.09

Average, 8 ft. \$1064
 or 11 1/2 ft. \$725

43-5 ft B \$7.92
 49-1 1/2 ft A \$16.85
 48-2 1/2 ft B \$5.96
 47-2 1/2 ft D \$2.72

42-1 ft B \$1957
 42-5 1/2 ft B \$1370
 40-1 1/2 ft A \$1410
 47-3 1/2 ft B \$8.74
 47-1 1/2 ft D not sampled cut like 429

Average 11 1/2 ft. \$1106
 or 13 ft. around \$10.60

Various

Average, 5 ft. \$752
 or 6 ft. \$593
 or 11 ft. \$513

425-3 1/2 ft C \$4.91
 426-2 1/2 ft A \$9.93
 427-3 ft B \$3.11
 428-3 ft D \$307

Average 8 ft. \$516
 or 10 1/2 ft better than 100%

430-6 ft A \$515
 431-2 ft C \$520
 ore in NW, not cut

Average, 7 1/2 ft. \$1064
 or 9 1/2 ft. \$864

428-3 ft B \$12.06
 428-4 1/2 ft A \$8.65
 429-2 1/2 ft D \$2.17

Average, 7 1/2 ft. \$6.60

42-5 1/2 ft C \$709
 43-2 1/2 ft C \$545

Average, 6 ft. \$3817

41-5 ft C \$2.13
 39-3 ft D \$3.49



Most of ore in H.T. not cut
12-4 ft B on R.M., going down 4856

Most of ore in
113-2 ft B, going
Spec 107 - 10 lbs.



Average 6 ft. $\$1,000$
or 8 ft. $\$635$ --- 111-5 ft C $\$1,030$
110-5 ft B $\$1,230$

Average 8 ft. - $\$1,226$
or 7 ft. about $\$1,342$ --- 110-5 ft B, $\$1,230$
109-4 ft B, $\$1,226$

LEGEND
B - SPARK
D - QUARTZ
C - QUARTZ AND SPARK
A - QUARTZ AND WASTE

108-5 ft C, $\$1,040$
107 ft. on R.M. not cut
107-5 ft B above air
106-5 ft B, under wire

Average 8 ft. $\$1,030$
at 7 1/2 ft better than 1050 --- 105-5 ft C $\$1,235$
104 ft B, not sample

Average 8 ft. $\$1,017$ --- 104-5 ft B $\$1,170$
103-1 1/2 ft A $\$1,351$
102-1 1/2 ft B $\$1,089$

Average 8 ft. $\$1,064$
or 11 1/2 ft. $\$1,225$ --- 102-5 ft B $\$1,082$
101-1 1/2 ft A $\$1,685$
100-2 1/2 ft B $\$1,335$
99-2 1/2 ft D $\$1,270$

Average 11 1/2 ft. $\$1,106$
or 13 ft., around $\$1,050$ --- 98-5 ft C $\$1,100$

Average 5 ft. $\$1,062$
or 6 ft. $\$1,553$
or 11 ft. $\$1,515$ --- 95-5 ft C $\$1,100$
94-5 ft C $\$1,100$
93-5 ft C $\$1,100$

Average 8 ft. $\$1,516$
or 10 1/2 ft better than 1050 --- 90-5 ft A $\$1,510$
89-5 ft C $\$1,510$

Average 7 1/2 ft. $\$1,064$
or 8 1/2 ft. $\$1,064$ --- 88-5 ft B $\$1,064$
87-5 ft A $\$1,064$
86-5 ft D $\$1,064$

Average 8 1/2 ft. $\$1,560$ --- 82-5 ft C $\$1,560$
81-5 ft C $\$1,560$

Average 8 ft. $\$1,387$ --- 77-5 ft C $\$1,387$
76-5 ft D $\$1,387$

MILL

Main Tunnel



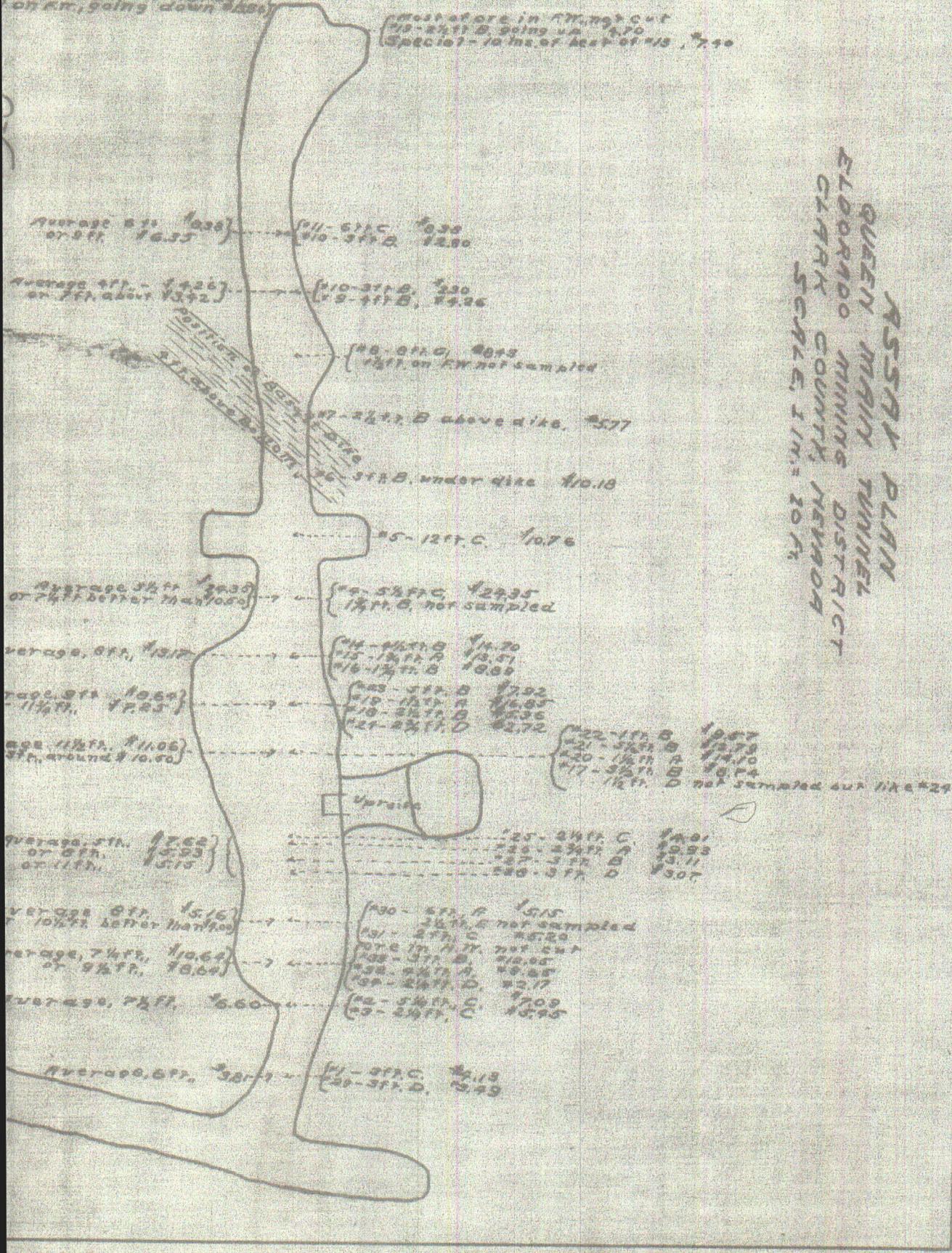
95
94
93
92

100-5 ft A $\$1,510$
99-5 ft E not cut
98-5 ft C $\$1,510$
97-5 ft H.T. not cut
96-5 ft B $\$1,064$
95-5 ft A $\$1,064$
94-5 ft D $\$1,064$
93-5 ft C $\$1,064$
92-5 ft C $\$1,064$
91-5 ft C $\$1,064$

of ore in 177, 178 cut
on 177, going down 178

most ore in 177, 178 cut
178-277 B, going up 179
Specie? - 10 lbs. of Ass of 178, 179

ASSAY PLAN
 QUEEN MAIN TUNNEL
 ELDO-RADO MINING DISTRICT
 CLARK COUNTY, NEVADA
 SCALE: 1 IN. = 20 FT.



Average 877, 1038
or 977, 16.35

111-577C, 1030
110-377B, 1280

Average 977, 1426
on 777, about 1392

110-377A, 230
109-377B, 29.26

108-077A, 2015
1077 on 177 not sampled

107-277B above dike, 2577

107-377B under dike, 110.10

105-1277C, 110.76

Average 377, 1235
or 277, better than 1050

104-577A, 12435
10377 B, not sampled

Average, 877, 11317

104-577A, 114.20
103-1377A, 118.51
102-1377B, 18.00

Average 977, 10657
or 1177, 17257

103-577B, 1752
102-1077A, 116.85
101-277B, 1236
100-277D, 22.72

Average 11277, 11106
377, around 110.50

102-177B, 1087
101-377B, 12.79
100-1177A, 14.10
99-377B, 18.74
9777 D not sampled cut like 1027

Average 577, 17.62
or 877, 15.93
or 1177, 15.15

125-377C, 1401
124-277A, 19.93
123-377B, 13.11
122-377D, 13.07

Average 877, 15.16
or 1077, better than 1400

100-577A, 1515
99-277C, 25.20
98-177A, not cut

Average, 777, 110.62
or 977, 18.64

98-377B, 110.85
97-277A, 48.85
96-277D, 22.17

Average, 777, 15.60

95-577C, 1709
94-277C, 15.95

Average 877, 130.1

91-377C, 2.18
90-377D, 13.49

L. W. GODIN COMPANY

...General Merchandise...

Searchlight, Nevada, July 31 1911

Mr W. G. Swart
Denver Col.

Dear Sir,

Am enclosing you list of assays that I have of the Crosscut tunnel and 100 feet of drift. This was sampled before we started to do any stoping. Samples were taken about every two feet, of course the first nine were taken across the crosscut tunnel and should have been taken the other way. But a later sample showed better than \$11.50 across this ledge a width of 16 feet.

Values run about 60% silver 40% gold.

Hope to hear from you

Very Truly
Yrs. Baynes

L. W. GODIN COMPANY

...General Merchandise...

Searchlight, Nevada,

191

16-14	8.02
12.96	7.52
6.08	8.32
10.94	11.00
8.12	8.98
9.86	2.40
9.42	5.10
5.54	12.36
13.56	10.12
13.24	8.90
8.90	4.28
4.28	7.32
7.32	11.32
11.32	15.30
15.30	11.26
11.26	11.66
11.66	16.32
16.32	20.04
20.04	14.52
14.52	14.34
14.34	13.25
13.25	9.68
9.68	22.56
22.56	12.56
12.56	16.44
16.44	20.04
20.04	20.24
20.24	

First Cross cut tunnel

S. face of second Crosscut

N. face of second Crosscut

19.88 — Crosscut 14 ft

90 — Basalt dyke

X

These samples were taken every two feet in the tunnel and drift on Queen. Before we started to do any stoping, tunnel and drift was about 4x6. The first ones were taken in Cross cut tunnel when we struck the ore first. It shows 16 ft in width, over head was when the samples were taken drift is about 100 feet long

Date Aug. 3rd, 1911.

I visited this property June 26th, 1911, with two of the owners, Geo. Bergman and John McGrier, accompanied by S. A. Hovey of the Nevada Eldorado. Bergman is State Senator from this District, and a pretty good reliable sort of self made man.

The property is about a mile from the Nevada-Eldorado, and is marked out on the Nevada-Eldorado map, in the North east corner.

There are four claims, two of which are patented. No conflicts.

This is a New Jersey Corporation, \$30,000.00 capitalization.

One third is owned by Bergman.

One third is owned by John McGrier, (an old prospector living on the ground).

One third is owned by the Estate of Henry Dietsch, formerly a wealthy contractor of Newark, N. J. W. G. Garrison, President of Federal Trust Company, of Newark is executor. Wants to let go of course.

The Company owes \$14,000.00 on bond and mortgage, and \$6,000.00 in other debts.

They built an utterly inadequate cyanide mill with money that should have gone into mine development. This has crippled them seriously.

The Eastern people want \$35,000 for their entire interest.

McGrier and Bergman want \$12,500 each and 5% of the stock.

Any reasonable terms will be given.

The property is not well developed, but I would gamble pretty heavily on its making a good mine.

By referring to the maps and sketches you will see that an area of about 100 acres is developed.

SHEET NO. 2.

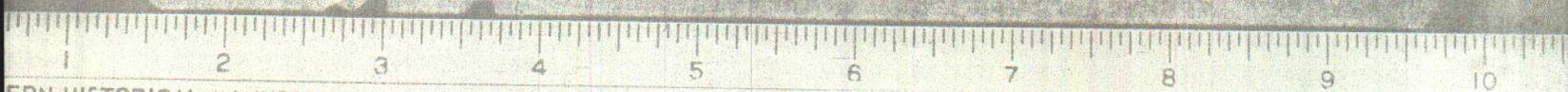
shoot has been opened 100 feet long, by 40 feet high, by 15 feet thick. The west end of the drift is still in ore. The entire width is not yet disclosed, as there is still ore on the foot wall in most places.

There have been two samplings of this ore body. One was taken every two feet as the drift was being driven ahead. This shows an average of \$10.50. The other was made recently by the Brown Engineering Company, of Searchlight, and, as you will see by the assay plan attached, the average value is \$8.88 for a width of about 18 feet, as nearly as I can check their figures. I saw these sample cuts, which are well and fairly taken. I do not know just how Brown assembled his assays and cuts to get his figures, but he is a competent and careful engineer, and I feel perfectly safe in assuming that our sampling will check these figures fairly well.

This property should be operated in conjunction with the Nevada Eldorado, even to the erection of but one mill, if the deal ever gets that far.

These two properties we ought certainly to examine at once. I have arranged to get the necessary options and time if possible. I think whoever goes in there can make any suitable deal before beginning examination, as the country is very quiet and owners more than willing to deal. I would have stayed and fought the thing out myself both with Bergman and Duncan except that my opinion on the Green Monster called for immediate attention. It is going to take McDaniel, or whoever goes in, several days to get his deal lined up. I will give him all my information of course.

W. G. Swart.



List of Assays taken while tunnel and drift were being run on the vein. Furnished to me by one of the owners, George Bergman.

In Main Tunnel, where it first cut the vein,

- 1---\$13.14
- 2--- 12.96
- 3--- 6.08
- 4--- 10.94
- 5--- 6.12
- 6--- 9.86
- 7--- 9.42
- 8--- 5.34
- 9--- 13.56

The above nine samples represent a width of 20 feet of ore.

Along Drift on Vein, from Main Tunnel West to Face.

- | | |
|--------------|---|
| 10---\$13.34 | 29---\$ 8.02 |
| 11--- 8.90 | 30--- 7.62 |
| 12--- 4.28 | 31--- 8.32 |
| 13--- 7.32 | 32--- 11.00 |
| 14--- 11.32 | 33--- 8.98 |
| 15--- 15.30 | 34--- 3.40 (No. Face of 2d Cross Cut.) |
| 16--- 11.36 | 35--- 5.10 |
| 17--- 11.66 | 36--- 12.36 |
| 18--- 16.32 | 37--- 10.12 |
| 19--- 20.04 | 38--- 2.04 (So. Face of 2d Cross Cut) |
| 20--- 16.58 | 39--- 19.28 Taken full length of 14 foot Cross Cut. |
| 21--- 14.34 | 40--- |
| 22--- 13.28 | 41---10.02 |
| 23--- 9.68 | 42--- .90 (Basalt Dike) |
| 24--- 22.56 | 43--- 6.38 |
| 25--- 18.56 | 44--- 7.52 |
| 26--- 16.66 | 45--- 8.26 |
| 27--- 20.06 | 46--- 10.88 |
| 28--- 20.34 | 47--- 13.44 |
| | 48--- 6.06 |
| | 49--- 6.08 |
| | 50--- 10.50 |
| | 51--- 6.06 |
| | 52--- 3.66 |
| | 53--- 5.98 |
| | 54--- 2.28 |
| | 55--- 5.24 |

All these samples taken along the drift, represent a varying width of ore, due to turns in the drift, &c. The Cross Cuts show it to be at least fifteen feet wide, and probably twenty feet.

These samples were all taken in the roof of the drift as it was being run from day to day. By comparing them with Brown's assay map they will be seen to check fairly well.

Drift is longer now than when these were taken. The end of the drift is in a slight displacement or fault, with good ore showing on the other side of the fault.



LIST OF ASSAYS and Widths. Eldorado Crown Mine
Brown Eng. Co. 1911.

No.	WIDTH	VALUE	W X V.
#12	4	#1386	55.44 ✓
#13	2 1/2	4.70	11.75 ✓
#11	6	8.38	50.28 ✓
#10	3	2.30	6.90 ✓
#9	4	4.26	17.04 ✓
#8	8	8.43	67.44 ✓
#7	2 1/2	5.77	14.425 ✓
#6	3	10.18	30.54 ✓
#5	12	10.76	129.12 ✓
#4	5 1/2	24.35	139.975
#14	4 1/2	14.70	66.10 66.10
#15	1 3/4	13.51	23.6425 ✓
#16	1 3/4	8.89	15.5525 ✓
#23	5	7.92	39.60 ✓
#19	1 1/2	16.85	25.275 ✓
#18	2 1/2	5.96	14.90 ✓
#24	2 3/4	2.72	7.48 ✓
	54 1/4		643.0150
	50 1/4		5 x 80

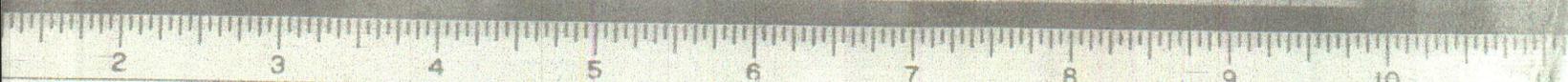


	544		648.315
#22	1	9.57	9.57 ✓
#21	5 1/2	13.79	75.84 ✓
#20	1 1/2	14.10	21.15 ✓
#17	3 1/2	8.74	30.59 ✓
#25	2 1/4	4.81	10.82 ✓
#26	2 3/4	9.93	27.30 ✓
#27	3	3.11	9.33 ✓
#28	3	3.07	9.21 ✓
#30	6	5.15	30.90 ✓
#31	2	5.20	10.40 ✓
#33	3	12.05	36.15 ✓
#32	4 1/4	9.65	41.01 ✓
#34	2 1/4	2.17	4.88 ✓
#2	5 1/4	7.09	15.95 ✓
#3	2 1/4	5.45	12.76 ✓
#1	3	4.13	12.39 ✓
#29	3	3.49	10.47 ✓
			1001.56

Total feet 123.75
 ✓ Value 1027.66
 average 1 # 8.304

1125 1/4

= \$8.88 Average average



W. F. DISBROW

MINING ENGINEER

Arden Nev., Aug 28th '11.

Mr. W. G. Swart,
1118 Foster Bldg,
Denver, Colo.

Dear Sir:-

Am sending you herewith my statement on the Nevada-Eldorado Mine together with maps.

Also a report by Walter M. Brown of Searchlight on the Eldorado-Crown Mine. I have checked several of his sample cuts, and while the gold is a little spotted and irregular I can say that I believe his work to be correct. Have also gone, with his maps, over the ground and find his work very careful and accurate in this respect also. Of course this is a selling report but nevertheless it is all right although of course it would be necessary to do more work at depth to find out if the ore is really 12 feet wide. The vein looks like the Techatticup and is even now assuming a perpendicular dip in the bottom of the tunnel. I do not agree that it has the same characteristics as the Flagstaff vein, and certainly hope it has not.

While I am not reporting on either of these properties and it is Mc Daniel's examination, I feel that as he has not been able to be here I ought to say that I do not think there is any comparison between the Flagstaff and the Eldorado Crown. The latter is a fine looking prospect and if prospects are wanted which seems to be open to question-it would be a good place to dig a hole. As to the Flagstaff I would not have the courage to sink 100 feet there.

I think that Bergman and McGrier would take about \$2 00 per month-that is together-and give you a year or 18 months

W. F. DISBROW

MINING ENGINEER

ention for \$12500 each. Bargman can, he thinks get the New Jersey people for \$25000 @ \$30000. Then there is another proposition from Walter Brown. He asks this question; "How much will it be worth to me if I develop a few blocks of ore for you and take the risk?" and seriously says that he thinks enough of the prospect to undertake the job if we are afraid to tackle it, that is if he is given some idea as to how we would settle in case he does develop an ore body. I do not agree that he will block out ore as fast as he states just over his signature in the report.

But when it is considered that we would have to have 70,000 tons netting (Brown) \$2.21 per ton in order to get our money back and that we would have to work out ^(fig)seventeen blocks 100 ft square (6 ft wide) to do this it becomes apparent that it is too big a risk for him to take and I sometimes think for anyone to take when there is much of a price to pay on the prospect. X

It seems different in the zinc game where developed mines are so few that it is necessary to consider prospects. I talked this over a lot with McDaniel and wish I had your advice on the matter of prospects as I feel that am in the dark.

Very Truly Yours,

W. F. Disbrow.

X Belier Mac thinks this way.

INFORMATION SHEET.

ELDORADO CROWN PROSPECT

ELDORADO CANON

NEVADA.

Arden, Nev., Sept. 12 '11.

The report of Walter E. Brown on this property has been forwarded. Several of Brown's samples were checked up and the data shown on his geological map were also gone over on the ground. There is little difference between the observations of the undersigned and those of Brown in these respects.

The costs and profits per ton seem to be conservative and they are endorsed.

However as this is only a prospect it seems unnecessary and undesirable to bring up the matter of tonnage in sight at all. The drift is only 60 feet in the ore. Probably there are 1000 tons that might be counted upon. 20 feet down the ore may be 3 feet wide or it may be 8. It is a prospect.

Brown thinks well of the property and has written the report as a selling report although he is more accurate in his statements than usual in a report of such a nature. It is only in figuring the future that he becomes over optimistic.

He suggested to me that he might take the property over and develop it himself with the idea of selling it to us later and wanted to know what terms we would make with him on such a proposition. I told him would rather put it up to Mr. Swart first before discussing matter further.

The matter looks to me about as follows; The ore is worth about \$3.20 net profit per ton developed or \$2.20^{un} developed. The price of the mine is \$50,000. Let it be assumed that Brown took the mine over for \$50,000 or its equity and started to develop \$100,000 profit in sight.

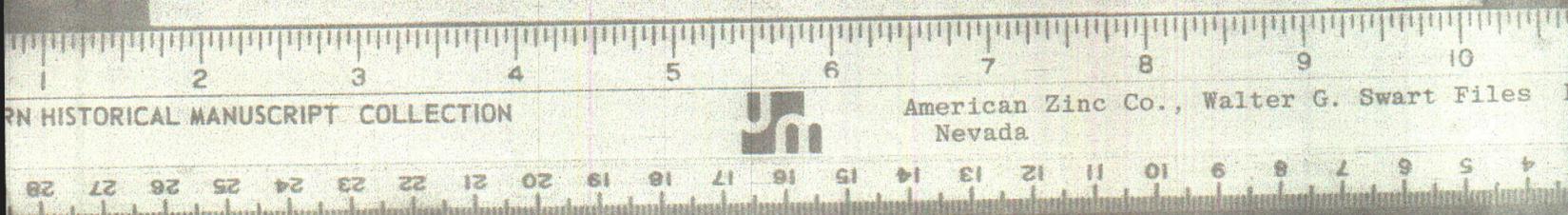
He would have to open up 32,000 tons of ore @ \$3.20 net per ton = \$100,000 profit in sight (not net profit) To do this he would have to expend \$32,000 in development. Total value of his equity would then be \$50,000 purchase price plus \$32,000 development cost = \$82,000

Now if at that future time we were dealing with Brown we would have as a credit the \$100,000 profit (not net) in the mine and in order to make it net profit we would have to expend \$50,000 for a mill. There would then be a true net profit in sight of \$50,000 as I understand the meaning of the term. This net profit would be further reduced by the interest on the investment during the period of extraction of the ore. If we wished to neglect the interest and take a chance on getting it out of the mine later we might pay Brown \$50,000 for the property and he would lose \$32,000 and we would break even except for interest.

If we take Brown's end of it and leave him out, we would pay \$82,000 for purchase of mine and development, and \$50,000 for a mill - \$132,000 with \$100,000 in sight or a loss of \$32,000

The trouble with the whole matter is that the price on the prospect is \$32,000 too high. A property like this should be offered for about \$15,000 and plenty of time at that.

It would seem as if the best thing to do now would be to let them go until someone raises money to develop it. Unless a mining Co or very strong private party got hold of it they would eventually run against the inevitable obstacles stated above and the property would come back to us. It might be well to tell Brown that we cannot make him any proposition but that if he would develop the mine we would pay him what it was worth if we wanted it.



Let the condition of the mine be considered at the time at which the investment was returned; 42,000 tons would be mined out; a block 100 feet square and 6 feet wide would contain about 4600 tons. There would then be 10 of these blocks out of the mine, and we would own what was left (except for the interest on investment that would have to be paid)

The terms and owners have been referred to by Mr. Swart on other information sheets. It would seem as if it would be well to let the matter drop for the present, telling Bergman the part owner who presented the property to Mr. Swart that the mine is not sufficiently developed. It would probably come back later.

W. F. Disbrow.



APPENDIX TO REPORT ON ELDORADO CANON MINE.

Explanation of method used in figuring block "B" "In Sight"

The procedure used is somewhat unusual, but is believed to correct. The assumption is made that each sample taken on the 200 Level East will have the same value below the 200 ft level as have those in the McGregor Shaft below the 200 ft level, and should therefore be averaged with those in the Mc Gregor Shaft. The average of these slices will be the average of the block.

For example;

Samp No.	Width	Value.	Foot Dollars.	Note.
24	5.5	4.40	24.20	Mc Gregor Shaft.
25	4.2	4.10	17.22	Mc Gregor Shaft.
26	3.0	11.50	34.50	Mc Gregor Shaft.
22A, 22B	8.0	9.24	74.00	200 Level East.
	20.7	7.35	149.92	Average of Slice 1.

It is obvious that the above can be more easily done as follows;

12.7	6.00	75.92	Tot. Width, McG. Shaft, Av Val, do Ft \$ do.
8.0	9.24	74.00	Width, Av Val, ft \$, 200E, samps 22A, 22B.
20.7	7.35	149.92	Average of Slice 1.

This is the method used in previous page. Each sample on 200 Level E is averaged with the Mc Gregor Shaft samples.

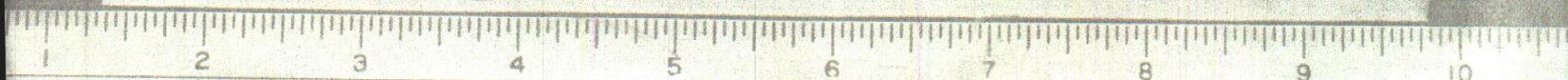
The average of these slices is obtained as follows;

Slice No.	Tot Width. (Sum of widths)	No. of Samps in slice.	Av width.	Av. Val.	Ft \$	Note.
1	20.7	3.1	5.17	7.25	37.8	

This is practically the same form used in previous page except the former page statement is more condensed.

The several slices are then averaged in the ordinary manner, giving the average of the block.

The classification of the block as "ore in sight" is not strictly correct but is so used because of the narrow limits given all



all blocks and this one in particular.

Note on Percentage of Extraction:

Net values for the ore given allow for cost of mining and milling of \$4.50 No allowance is made for mill losses.

It is believed, from such data as are available that extractions have been between 85 and 88 % on the tests made. Probably this could be improved by total sliming without concentration.

Note on Character of the Ore:

The gangue is a quartz monzonite porphyry containing iron pyrite, galena, sphalerite, and traces of copper. No free gold was noted, and the metal accompanies the sulphides.

CONCLUSION

There are 4310 tons of ore in the mine that are reasonably positive. This ore is worth about \$7.50 net per ton and would show a net profit of \$32,225; Fifteen percent of this would be mill loss, leaving a net profit of \$27,390

In addition to this there are probably 5070 tons of ore that is worth about \$7.10 and would show a probable net profit of \$36,175; Fifteen percent of this would be mill loss, leaving a net profit of probably \$30,740

The total positive and probable profits would then be \$58,130, allowing for everything.

The price of the mine is \$300,000 A \$10% payment is asked. A mill would cost at least \$50,000. Another \$50,000 would have to go into development.

The first payment, development and mill would total \$130,000

Now the 300 level shows no quantity of payable ore. Neither is there claimed to be any on the 400 level, which is under water. Both ends of the mine look poor.

Such a showing does not warrant the risk above stated.

B W. H. Fisher