

REPORT ON EL SENORA GOLD PROPERTY
in Jackson County, Oregon.

The property is not recommended for the reason that a careful preliminary examination and sampling fails to show values sufficient to warrant any further expenditure.

Forty-three samples as listed below, were taken, most of them across the full width of the vein, and only one of them showed values as high as \$1.90 per ton in gold. I presume small rich ones could be found, but the samples were taken so as to include the best as well as the poorer looking parts of the vein, so it is safe to say that nothing important was overlooked.

The following description is appended as a record:

The workings of the El Senora Property lie 1/2 mile east Thompson Creek, 3 miles above its junction with the Applegate River, something over 20 miles southeast of Grants Pass Oregon.

5 tunnels, aggregating 720 feet in length have been driven on the property. The greatest depth below surface is 95 feet, at the end of No. 3 tunnel. The vein runs from 4 5 inches to 36 inches wide, averages 21 inches.

The tonnage of ore developed by the present workings is as follows:

Developed ore above No. 2 Tunnel	2,300 tons
Probable " " No. 1 "	1,800 "
Possible " " No. 1 "	7,000 "

The vein is a nice little quartz filled fissure, with a little gouge on each wall. It seems to be fairly continuous over the area exposed, except that for short distances in No. 2 Tunnel, and No. 4 Tunnel, crushed country rock replaces quartz as vein filling, and at the face of No. 3 Tunnel the vein proper has disappeared, and only a fairly strong gouge seam goes ahead. This latter circumstance is not necessarily unfavorable, as frequently such conditions are found in continuous veins, with the ore body coming in again in a short distance.

A few colors of gold can be panned from a good many places in the vein, which naturally leads one, on first thought, to expect higher values than those shown by the assays. When it is considered, however, that an extremely small particle of gold can be seen with the naked eye, and how many of these particles it would take to make the amount in a one dollar gold piece, it will be realized that careful panning is a delicate test, and that a few colors do not necessarily mean high values.

The country rock is a greenstone, considerably altered near the vein.

The property consists of 13 quartz claims, and 1 placer claim, all unpatented. It was originally located about 1852 and has been held by different parties, more or less continuously ever since.

On the property are a small three room dwelling, 2 bunk houses about 12 x 16 feet, a small cock house, blacksmith shop, stable and wagon shed, and an arrastra, driven by a 6 HP gasoline engine. There is also a 10 stamp mill, practically complete, with 45 HP engine, 2 boilers, wilfley table, etc., stored on the ground.

The list of samples and assays, is as follows:

No. 1 Tunnel

Sample No.	Assay Gold Oz.	Width Inches	Remarks
41	0.04	20.80	20 30 ft from portal, only piece exposed.

Cuts at Station 5.

40	No	No	34 Quartz exposed in open cuts.
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No. 2 Tunnel

32	.01	20.20	36 At end of cross cut.
33	No	--	32 10 ft East of end of cross cut
34	No	--	38 20 " " " " " " "
35	No	--	24 30 " " " " " " "
36	.02	0.40	26 40 " " " " " " "
37	No	--	18 50 " " " " " " "
38	No	--	30 60 " " " " " " "
39	No	--	36 70 " " " " " " "

No. 3 Tunnel

17	Tr	--	16 43 ft in from portal
18	.08	1.60	12 53 " " " "
19	.095	1.90	10 63 " " " "
20	.02	.40	10 73 " " " "
21	.08	1.60	16 83 " " " "
22	.04	.80	10 93 " " " "
23	.08	1.60	20 103 " " " "

No. 3 Tunnel, Cont'd

Sample No.	Os.	Assay Gold	Width Inches	Remarks
1	.08	1.60	29	113 ft in from portal
24	No	---	26	123 " " " "
25	.02	.40	12	133 " " " "
26	Tr	---	28	143 " " " "
27	No	---	16	No sample at 153 ft lagged tight 163 ft in from portal
28	.08	1.60	24	173 " " " "
29	.02	.40	6	183 " " " "
30	No	---	5	193 " " " " = face of tunnel

No. 4 Tunnel

11	.02	0.40	18	10 ft from portal of tunnel
12	.02	.40	14	20 " " " " "
13	No	---	33	30 " Back from face of tunnel
14	.02	.40	30	20 " " " " " "
15	Tr	---	10	10 " " " " " "
16	Tr	---		Face of Tunnel.

No. 5 Tunnel

2	Tr	---	16	20 ft west of winze
3	No	---	9	10 " " " "
4	.02	0.40	24	At winze
5	No	No	21	2nd vein, in cross cut

Open cut above No. 5 Tunnel

6	.02	0.40	18	West side of cut
7	No	---	10	East " " "

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Respectfully submitted,

James J. White