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DISTRICT

Big Bug

PROPERTY

Iron Queen

LOCATION

One mile South of Boggs, and two miles S.E. of Poland Junction.

OWNER

Mr. Wood of Los Angeles, address obtainable through Frank Giroux of Swastika Mine.

DATE VISITED

July 21, 1919

NOTES

Claims - Name and number unknown.

GEOLOGY

Property located on outcrop heavily iron stained, and striking at slight angle across the schist. No copper in evidence but the gossan is soft and from 6 to 10 feet in width - depth about 70° to the E. and strike N. about 35° E. It is hardly probable that this vein is an extension of the Boggs, but may parallel same.

DEVELOPMENT

Development consists of a 300 ft. vertical shaft caved at the surface, with levels at the "100", "200" and "300". Also, an incline winze cutting the vein just below the "100" level and extending on the vein to the "500" level. The Raise was driven back above this winze to be within 50 feet of surface.

On the "100", "200" and "300" ft. levels drifts extend north and south apparently to the limits of the iron. Very little work has been done on the "400" and "500" ft. levels.

Ore is very basic iron with small amounts of copper and gold, and in some places considerable zinc. Shipments in former operation show \$1.00 in gold and 1% copper. Frank Giroux of Mayer, Arizona - former operator, states that the copper content increased with depth, but there is no assurance of this.

If unwatered and prepared for examination probably show possibilities, provided the copper content has increased as stated - otherwise property is worthless.

W. V. DeC.

Two orebodies on property, one of which is from one to three feet wide and seventy feet long.

The following list of assays are purported to have come from this winze between the 300 and 500 foot level. Samples were taken by Axnam, manager of the property in 1907. (List of Assays - next page)

Shipment consists of 15,277 tons of following values

Gold	.05 oz.
Silver	.30 oz.
Copper	.5 %
Iron	34 %

The larger ore body north of the main shaft is from five to twenty feet wide and one hundred and eighty feet long, but has not been developed below the 300' level.

NOTES - Iron Queen Property (Continued) #2

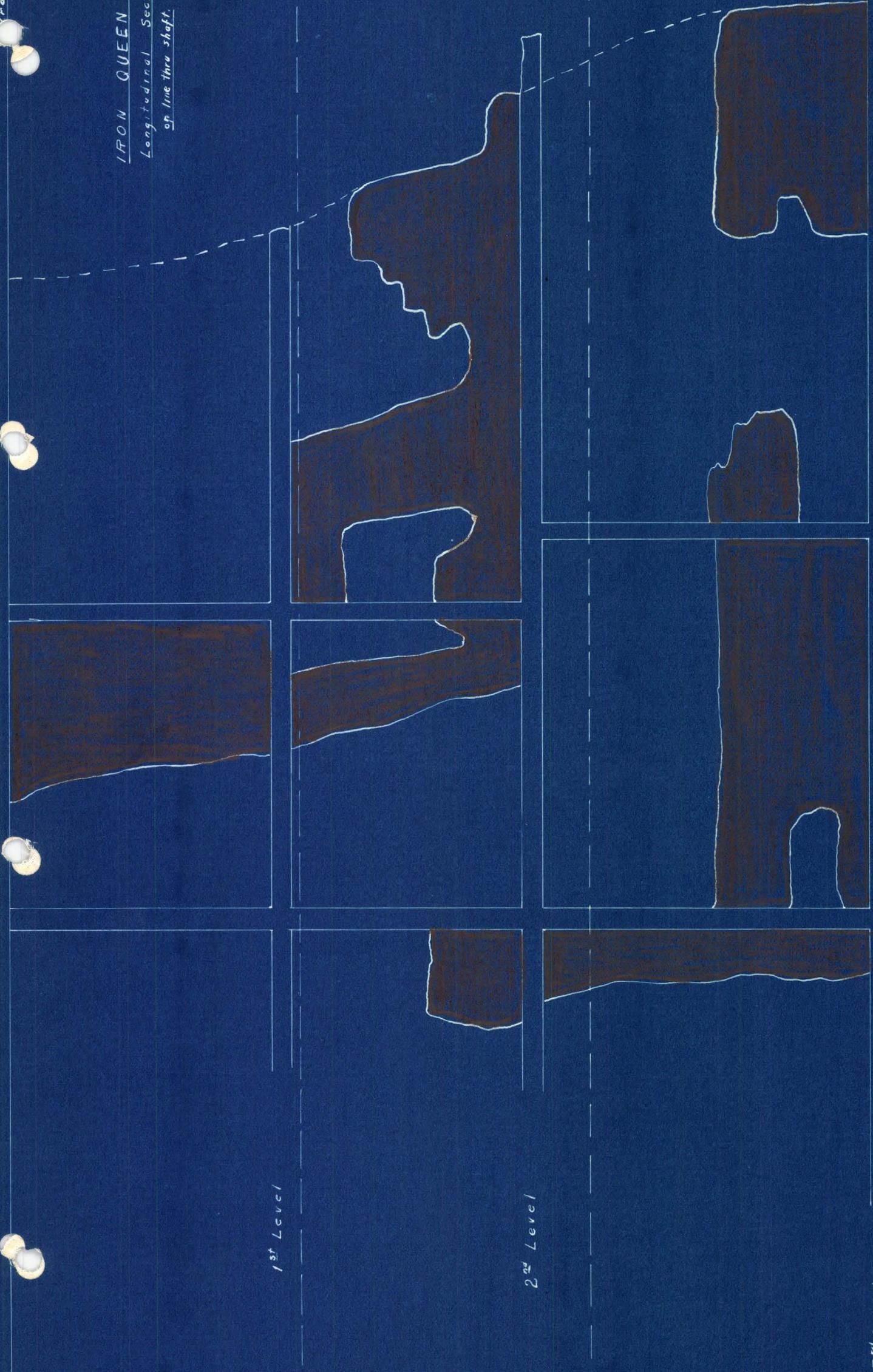
Winze Samples on South or Small Shoot
Starting at 300' Level

<u>Below Callar</u> <u>Distance</u>	<u>Width</u>	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>SO₂</u>	<u>Fe</u>	<u>Zn</u>
18	18"	.07	.93	3.9	17.8	32	2.4
28	24"	.08	.52	1.9	21.8	31	1.3
38	22"	.01	.29	1.4	15.7	34	2.1
48	17"	.01	.29	1.6	20.2	32	2.0
58	20"	.02	.28	1.6	14.0	36	.8
68	18"	.01	.19	2.1	18.5	33	1.2
78	95"	.01	.19	1.5	21.8	34	1.5
88	14"	.07	.33	1.8	26.4	34	1.0
98	13"	.12	1.68	2.4	51.4	18	.8
108	6"	.16	.54	2.1	17.6	31	--
118	9"	.15	.55	2.0	7.6	29	.8
128	15"	.07	.63	2.9	24.2	32	.9
138	18"	.20	1.80	5.6	20.4	32	1.3
148	26"	.06	.74	2.5	32.5	28	1.0
158	30"	.06	.64	3.0	17.2	37	1.6
168	35"	.02	.28	2.4	17.4	36	1.6
178	27"	.03	.57	2.4	15.2	40	1.2
183	27"	.02	.28	1.6	25	34.2	.7
Drift		.01	.19	1.3	30.6	32.6	.9

By Axnom, Gen. Mgr. - Sept. 15, 1907

Iron Queen 3.

IRON QUEEN MINE
Longitudinal Section
of line thru shaft.



4800

1st Level

4700

2nd Level

4600

3rd Level

4500

5-2-14

4800

4700

4600

4500

4400

4300

975'

1st Level

863'

2nd Level

120'

3rd Level

Winze

Main Shaft

85.0

24.5

130.5

IRON QUEEN MINE
Cross Section
Scale 1" = 40'

D-2-12

