

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

ANACONDA MINE (gold)

GREENBACK AREA

OWNER: O. L. Moore, Wolf Creek, Oregon.

LOCATION: Sec. 29, T. 33 S., R. 5 W.

AREA:

EQUIPMENT: Mr. Moore plans to install a 25-ton Huntington mill within the next two weeks. The mill will be placed below the mine dumps and will treat ore from the dumps and from the mine. Free gold will be plated, sulfide concentrates shipped, and tailings will be impounded pending future treatment.

HISTORY: The property has been worked since the 1890s when several different parties hunted for high-grade pockets. Most of the old tunnels are caved and inaccessible. The tunnel which Mr. Moore has reopened was used in earlier days. Some stoping was done on the vein and most of the stopes have been back filled and lagged off.

DEVELOPMENT: Moore has reopened this tunnel and has taken out some of the pillars. He is developing along the vein toward the slate diorite contact.

GEOLOGY: The property is located near the contact of Galice slate and what is locally called diorite but mapped as greenstone in the Riddle folio. The quartz vein is exposed in slate which has been sheared so that most of it resembles clay gouge. The quartz vein is rather flat with minor "rolls". The ore seems to be very lean at the edge of the "rolls" but is richer on the flat portions. The ore is unusual for its arsenopyrite content. Some of the gold is free and much of it is in the arsenopyrite. By allowing the arsenopyrite to weather or by treating it with acid, nuggets of free gold can be released. A lot of the gold, however, is very finely divided and intimately mixed with the sulfides. The quartz vein seems to have two divisions. One consisting mainly of bull quartz which may or may not contain free gold and sulfides; the other portion is "ribbon quartz". The black streaks through this zone consist of sulfides containing the gold. The ore is exceptionally rich and the property is one of the small high-grades of the area.

Ray C. Treasher
Field Geologist
February 24, 1941

Aspen Mine Gold
 NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

33 South 5 West 29
 T R S

PUBLISHED REFERENCES

Ore. M. M. Hdbk. 14-C Vol. II Sec.1 pp/96

.....Josephine..... COUNTY

.....Greenack..... AREA

..... ELEVATION

MISCELLANEOUS RECORDS

Highway and gravel road.... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S)O. L. Moore.....

AddressWolf, Creek, Oregon.....

OPERATORO. L. Moore.....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY Mill under construction in

March 1942.

ASSAYS ANACONDA MINE
 Samples submitted by O. L. Moore

Assay No.	Date	Description	Arsenic %	Gold oz./Ton	Silver oz./Ton
AG-192	2/14/40	Concentrates		12.88	4.4
AG-193	2/14/40	Tailings		0.31	Trace
AG-263	3/1/40	Gray quartz, 4-10 inches		3.30	0.8
AG-264	3/1/40	Gray quartz, 3 feet		0.04	Trace
AG-818	6/8/40	Arsenopyrite concentrate		12.80	4.0
AG-819	6/8/40	Quartz tailings		0.89	0.3
AG-1036	7/20/40	Dump--quartz and slate		0.34	Trace
AG-1037	7/20/40	Tailings - fines		0.92	0.5
AG-1237	8/31/40	White qtz. w/arsenopyrite		1.37	0.2
AG-1238	8/31/40	White qtz. w/50% arsenopyrite		4.40	1.4
BG-368	4/29/41	Tailings		0.09	Trace
BG-369	4/29/41	Concentrate		12.70	4.5
BG-1214	10/23/41	Concentrate		3.17	0.93
BG-1215	10/23/41	Concentrate		18.36	4.20
DG-79	3/25/43	Concentrates	26.7	3.74	1.6
DG-80	3/25/43	Ore	30.2	0.52	0.2
HG-33	2/28/47	Concentrates (burned)		4.34	1.83
HG-34	2/28/47	Concentrates (raw)		2.24	0.40
HG-30	3/1/47	Quartz from 2' ledge		0.02	Trace
JG-13	1/20/49	Iron-stained quartz		Nil	Nil
JG-14	1/20/49	Concentrates		2.66	0.50

Anaconda Mine (gold)

Greenback Area.

Owner: O. L. Moore, Wolf Creek, Oreg.

Location: Sec. 29, T. 33S, R. 5W, on Coyote Creek.

Area:

History: (see rept. of Feb. 24)

Development: Old workings are caved, back filled, and inaccessible. There were a number of levels but only one is used at present. This level is open about 200 feet with two entries into small stopes. There is one "gopher-hole" tunnel into hard slate.

Equipment: One small ore car. Hand tools, as the men are working in a soft gouge that requires little drilling. Construction of a mill has been started - ultimately it will consist of crushing & fine grinding equipment with