

Prindle Property ✓

NAME	OLD NAMES	Gold PRINCIPAL ORE	MINOR MINERALS
on ridge 1 1/2 mi. W. of Dixie Butte.			

PUBLISHED REFERENCES

Ore. Metal Mines Handbook 14B:123  
Gilluly, Reed & Park 33:90,91

T R S

..... Grant ..... COUNTY

..... Quartzburg ..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) ..... Frank B. Prindle .....

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Address ..... Prairie City, Ore. ....

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OPERATOR .....

Name of claims	Area	Pat.	Unpat.

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EQUIPMENT ON PROPERTY

According to A. W. Ward, Prairie City, the owner of the Prindle property, formerly known as the Black Prince, is Frank B. Prindle, Prairie City, Oregon. Mr. Prindle has done assessment work every year and plans to work his claims through the winter of 1940.

"The Black Prince property is on the ridge  $1\frac{1}{2}$  miles west of Dixie Butte. It is reached by a mountain road from Prairie City, a distance of about 14 miles. The property is owned by William Walling, of Prairie City, and in 1930 was being developed by Frank B. Prindle.

"The prospect consists of one tunnel, slightly more than 750 feet in length, and a small open cut on the surface.

"The country rock is largely tourmalinized meta-andesite. Along a fault just inside of the adit portal meta-andesite porphyry occurs. This porphyry may be classified as a greenstone but is less altered than most of the associated rocks. A short distance northeast of the property is a small stock of quartz monzonite.

"The country rock has been tourmalinized, silicified, and sulphidized. The metallic minerals are largely pyrite, with much smaller quantities of magnetite, arsenopyrite, pyrrhotite, chalcopyrite, sphalerite, covellite, and glaucodot (?).

"The ore occurs in pockets along fine stringers. No prominent structural features seem to have localized the mineralization. In the tunnel there is one pocket containing considerable glaucodot (?). This pocket is in the lower part of the drift and does not extend into the back. Another similar pocket was found on the surface, in the present open cut. The adit was driven to connect with a supposed downward extension of this mineralized body exposed at the surface. The best grade of ore carries \$10 in gold to the ton, according to Mr. Prindle."

Informant: H.K.L. (10/31/40)

Reference: Gilluly, Park and Reed 33:90, 91 (quoted).

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"The vein is crossed by numerous shattered zones of gouge and fault breccia from 3 inches to 3 feet wide. Most of the movement along these breaks appears to have taken place before the mineralization. The quartz vein persists through several of the brecciated areas. There has been some postmineral movement, as the vein has been offset 3 feet in one place and possibly 17 feet in another. The faults range in strike from west to N.65° W. They all dip between 65°-80° N. Seven of these fault zones were observed within 200 feet of the face of the third level.

"The ore contains considerable massive sulphide and, according to A. W. Ward, of Prairie City, who was familiar with the mine when it was in active operation, carries as much as \$500 a ton in gold".

Informant: R. C. Reese, H.K.L. (1/26/40).

References: Lindgren 01:711

Parks and Swartley 16:91

Gilluly, Reed & Park 33:91-93 (quoted)

Swartley 14:196

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