FROM OFFICE.

MR WYOMING P102-11

REPORT ON

THE JEHOSEPHAT PROSPECT. ~~MINE.~~

~~Owned by~~ Claimed by C.A.Wright,Ft.Laramie; Fred Harmond,Casper, Wyo.

~~Principal office,~~

~~Officers:~~

~~President,~~

~~Vice President,~~

~~Secretary,~~

~~Treasurer,~~

Location, in Section 12, T. 27 N. R. 66 W. ——————————,

Platte Canon Mining District, Laramie County, Wyoming.

Name and address of Superintendent, C. A. Wright, Ft. Laramie, Wyo.

Number of lode Claims, One ——————— containing about 20 ——— acres.

Names of lode Claims, Jehosephat, ——————————

~~Placer Claims,~~ ~~acres.~~

~~Mill Sites,~~ ~~acres.~~

Total number of acres in group, ——————— about 20 ——— acres.

Title, in dispute. ——————————

Lien or encumbrance None given. ——————————

~~Title guaranteed by~~

Nearest railroad station Hartville on the claim. ——— ~~Distance,~~ ——— ~~miles,~~

~~in ——————— direction.~~

Reached by Colorado and Wyoming R.R. ———

Altitude at railroad station, 4750 ft. ———

Altitude at main workings, about the same. ———

Character of country rock Dolomite, in places silicious and showing small stringers of quartz included.

Character of wall, Dolomite, as far as can be determined at present.

This prospect is practically undevelloped and but little can be said concerning it.

The principal work has been done on a deposit of iron oxides occurring in dolomite near the top of a small knoll in the previously described location, where a shaft has been sunk to a depth of about twenty-five feet.

The iron oxides outcrop at this point but the extent of the outcrop is not sufficient to determine the character of the deposit, whether ledge or ore-body, the course of the crop, easterly and westerly, being covered with loose boulders and other debris or wash, and the width or extent of the deposit has not been developed by the present workings.

The out-crop of iron oxides is more or less weathered in appearance, and in the shaft the iron oxides show in an irregular manner to the bottom; the shaft also passes through a broken mass of the surrounding lime formations or dolomite included in the ore matter and this "horse" shows a hard, silicious condition in several places. Other smaller bunches of siliceous material are noted, together with small seams and bunches of gouge matter or talc in connection with the iron ores.

The ore is mainly a hematite in the various common forms, silicious in spots and more or less mixed at intervals with brown or yellow oxide of iron or limonite.

The iron ores are shown in the bottom of the shaft and principally on the east and west at the south end of the shaft at or near the bottom.

Two samples were taken here, on the east and west sides as above, respectively, and gave returns as follows;

Sample from east side of shaft near bottom,

Gold, none. ounces per ton.
Silver, none. ounces per ton.
Metallic iron, 42.3 per cent.

Sample from west side of shaft near bottom,

Gold, none ounces per ton.
Silver, none ounces per ton.
Metallic iron, 33.6 per cent.

Atthe foot of the cliff south of the above workings, iron oxides show both in the face of the cliff and in a small opening or cave at the base of the cliff but no connection has been established by the workings between the upper and the lower outcrops.

Another hole has been sunk to a depth of about twelve feet, at a point immediately north of the above described shaft and some copper ore was found in an irregular bunch near the surface. This copper ore was mostly malachite or green carbonate of copper and none was noted in the shaft below this bunch just mentioned but small bunches of iron oxides, mostly silicious, were noted here.

Respectfully Submitted,

Henry A. Beeler.

State Geologist of Wyoming.

Date of examination,
February 18th, 1902.