What Leading Geologists Say:

DEAN MILNOR ROBERTS, Washington School of Mines, regarding outcrops on Oregon Copper and Clover Creek, 1924 report:

"The mineral belt that traverses the hills on the north side of Lower Powder River Valley is a remarkable occurrence. It can be seen for a length of 10 miles or more. Where pits have been sunk to a depth of a few feet they disclose pyrite or iron sulphide. As greater depth is gained copper begins to appear. It is the presence of copper along with the precious metals that gives the belt its importance. The surface stains lie in parallel bands which occur through a width of many hundreds of feet."

CHARLES C. NEWTON, Dean of School of Mines, Oregon State College, 1927:

"In northeastern Oregon there is a mineral belt that extends from Homestead, on the Snake river, to Haines, on the Union Pacific, and probably much farther. The mineral in this belt has been mined since 1862, but until recently only the surface has been attacked.

"I have visited both of these properties personally (Oregon Copper and Idaho Copper) and am of the opinion that further development in this belt will definitely prove that within the bounds of Oregon we have some of the largest mineral belts in the country."

PROF. DOUGLAS C. LIVINGSTON, geologist, School of Mines, Oregon State College:

"I have spent months in Idaho on the copper belt and, after spending several days on the Oregon end, I find so many magnificent, large, long outcrops that, to me they are simply stupendous and, in fact, have such great possibilities that it is difficult to grasp the magnitude."

ROBERT N. BELL, geologist, inspector of mines for Idaho for 16 years, in 1928:

"I am writing these few lines as a result of my recent cursory inspection of your Clover

Creek property, and I am glad to confirm your previous description of the deposit to me. This great zone is fully 1800 feet wide. Your Clover Creek property in its plateau situation of low relief unquestionably belongs, together with the Oregon Copper Company's big showings, to the same system of copper bearing sheared intrusive dykes that have been quite extensively developed further east and north at Homestead, Oregon, on the Iron Dyke mine, and of the Red Ledge mine at Deep Creek on the Idaho side of Snake River. I am decidedly of the opinion that the great results attained at Balm Creek shaft of the Oregon Copper and at the Iron Dyke and Red Ledge mines of the Idaho Copper are likely to be duplicated with fuller development of your Clover Creek group."

L. C. DECIUS, geologist:

"The fact remains, however, that these limestones are mapped by Lindgren and that their occurrence should be in the form of sedimentary deposits interbedded with lavas that underlie them. Economically the important phase of the occurrence of this limestone I suggest to be as follows: If upon shafting open any of your property you should reach the level of this limestone body, it would be very reasonable to expect a very large orebody and which would no doubt carry a considerable concentration, that is to say, I would expect a widening out of the orebody probably into a solid and very large ore deposit occupying the former position of and replacing the limestone."

DR. JAMES F. KEMP, professor of geology, Columbia University:

"My conclusions are that when you reach the level of where the copper leachings are redeposited you can expect to have a concentration of high grade copper ores, and the veins, in general, there is no question but that they are the most remarkable showings that I have come across in some time."

PROF. WALDEMAR LINDGREN, geologist, Massachusetts Institute of Technology, regarding Clover Creek:

"Although no copper stains show on the surface near the creek, the tunnel has already disclosed fresh chalcopyrite about 75 feet below the surface, and it is well possible that commercial orebodies will be found. There is also a strong possibility that lead-silver ores will be found when the big barite outcrop has been reached by the tunnel."

Clover Creek Copper Mine
NAME

OLD NAMES

Copper
PRINCIPAL ORE

MINOR MINERALS

7S	42 E	35
T	R	S

Baker ..... COUNTY

Eagle Creek ..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PUBLISHED REFERENCES

Gillily 37: 107
" 31: 28
Dogami 14A page 46

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) Clover Creek Copper Company Address .....

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OPERATOR Idle .....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY