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item 25

GEOLOGICAL PROGRESS REPORT
Copper Canyon Mining Company

by

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A line of drill holes from the Widow Ex No. 8 to the Widow Ex No 11 has been drilled. Some fairly promising indications were found, but nothing that would justify further work in that direction.

Drill holes, Rex 19, Rex 21 and Rex 23 should be drilled for the following reasons:-

These are Vogel holes and it is possible that the polarizator might have worked in some of them.

The line is a desirable one; giving a good section in which we know of some favorable beds.

If there is nothing found in these holes, future drilling in the flat will be useless.

PEDRO

Good gossan showing at the Ganzer lease in claystone, and also exposed in the Pedro shaft. Long trenches indicate no great thickness of any further mineralized claystone beds to the Southeast.

A metamorphosed belt from the Carissa country, projecting into the Pedro and Daly is shown in shallow cuts from the West fork of the gulch running from the Chase to the Ganzer lease, into the ridge to the East.

Underground shape of metamorphics is unknown.

The Ganzer-Pedro beds can be drilled from the West fork of Chase gulch, at a point approximately half-way between the Rice lease and the Ganzer workings.

A small island of porphyry on the Pedro may have a good influence.

Drilling here would be based entirely on the excellent gossan at the Ganzer and Pedro leases.

This is the showing that Mr Jackling thought we ought to drill.

PHOENIX

The Phoenix Drill Hole No. 1 shows values from .26% to .72% from 140 to 170 foot points.

A strong fault, possibly the Widow fault is found at 200.

Metamorphic beds are found below the fault.

On the assumption that the fault is dipping West 50°;- If we drill East, we will encounter section of the fault, with sedimentaries, overlying good beds exposed in the Phoenix No 1 drill hole, at less depth.

If we drill West, we will encounter the Phoenix good beds first, and then the fault in the underlying metamorphosed or quartzite beds. Hence to get the intersection of the good beds/at the ^{with the fault} ~~same~~ depth approximately of 150 feet, drill south to stay on the beds at the same depth as the Phoenix No. 1 hole. By doing so, the NE-SW Widow fault will be intersected.

This intersection has possibilities of making high-grade trough structure.

SWEET MARIE

The Sweet Marie No. 2 drill hole, shows promising values in the formations identical with those exposed in the N 13½ W at probably primary depth.

Drilling due West, 100 feet , from hole No.2 will show these beds at a depth of about 200 feet.

Continuing on this line will show the main Sweet Marie beds of the N 7 W country at less depth than the 120 level, and further North on their strike. This line will head for the Chase workings.

Strong gossan showing in saddle, approximately 600 feet from the face of the North drift, is probably the outcrop of the Sweet Marie best beds, which this line of drill holes will intersect.

CONTENTION

The Contention shaft shows the Contention fault at 75 feet. Fair gossan and copper stains above and copper stains to 100 feet, with bunchy high-grade sulfides at 100. Quartzite at 110.

The Contention fault strikes E-W and dips N 15°

Sulfides and copper stains in the shaft, below the fault are probably the same as sublevel formations.

Desirable to get these formations South and East of the shaft at ~~xxxx~~ greater depth. Recommend drilling on a line going South-East from the shaft.

Vertical section of Contention shaft would suggest displacement by the Contention fault zone to be slight
