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Property submission
Fento Mines

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MEMORANDUM

From: E.O. Chisholm
Date: June 19, 1967
Re: Greenwood Property

Attached property of Fento Mines Ltd. was offered on a commission basis to Atlas by Ron. W. McBean, #214-535 W. Georgia Street.

The property is located on Glover Creek at the upper pass road in the Cranbrook area, Greenwood Mining Division and has considerable work, including diamond drilling on it. I assume it has been examined by Cominco etc. The terms were not defined but McBean said the company was desperate and would consider any offers.

In view of the heavy expenditure recommended for further work and our present commitments, it is not attractive to us at this time and McBean was advised we were not interested further.

EOC:epj



FENTO MINES LTD.

HEAD OFFICE: 308-535 WEST GEORGIA STREET
VANCOUVER 2, B. C.
PHONE: ~~684-769~~ 685-3125.

FIELD OFFICE: BOX 508
GRAND FORKS, B. C.

DRAFT.

Fento Mines Ltd. was incorporated as a private company on 21st. December, 1965 at \$25,000,000.00. This represents a capitalization of 5,000,000 shares, of which 671,000 shares were issued to the vendors for acquisition of property, and 962,105 were sold for cash in the private company.

All the issued shares, both those issued for property and those issued for cash, have been placed in escrow.

The Company owns several groups of mineral claims, of which the main group of 232 claims lies on the Granby River, 14 miles due North of Grand Forks, B.C. This is in the same general geological area as Granby Co.'s Phoenix mine and West Coast Resources' Greenwood property.

Approximately \$120,000.00 was spent on Fento's property during 1966. This work consisted of nearly four miles of bulldozer trenching, line cutting, road building, surveying, surface sampling, drilling five diamond drill holes to a depth of up to 500 feet each, a geo-mag survey and an I.P. survey.

The bulldozer trenching exposed numerous separate mineral outcroppings, some of which have not as yet been explored.

The I.P. survey, carried out by Geofax Surveys Ltd. of Calgary on part of four of the Company's claims, indicated five strong individual anomalies and numerous weaker ones. Of these five anomalies, which show a reading of between twelve and sixteen with a background of four, two of the largest are open at the end and must be presumed to be larger than so far indicated. One of these open-ended anomalies is 260 feet wide and 650 feet long.

Due to the fact that the Company was unable to obtain the services of an I.P. surveying party at the time, the exploration drilling programme was carried out prior to the I.P. survey, and none of the five holes hit any of the anomalous areas indicated by the survey.

Nevertheless, each of these holes was in mineralization throughout its length, and No.2 hole hit commercial grade ore (0.30 oz. gold, 3.75 oz. silver per ton and 0.5% copper) from 140 to 169 feet. This hole was close to, but missed, a weak anomaly with a reading of six.

The property has been examined and recommended on numerous occasions by Mr. R.E. Renshaw, P.Eng. and Dr. T. Klobusicky, P.E. of Spokane, Washington.

Mr. Hakiri, chief geologist to the Nippon Mining Company of Japan, and Mr. Percy Sheppard, P.Eng. also visited and recommended the property.

The last named in his report dated March 22nd. 1967 recommended the expenditure of \$250,000.00, which, he states, "would be required to carry out a complete exploration of the property."

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One claim was worked in 1939 when the property was known as the "Simpson Mine". 364 tons of ore were sent to the Trail Smelter at that time and returned 259.2 oz. of gold and 90 oz. of silver, an average of 0.71 oz. per ton gold and 0.25 oz. per ton silver - a value of \$27.64 at present day prices. Copper content of the ore shipment was not reported, although copper mineralization is evident in this zone. Shipment from the Simpson Mine ceased owing to wartime restrictions. Since acquiring the property Fento Mines Ltd, have re-made the road to the old mine site and cleaned out the workings.

The following is extracted from a report by Mr. R.E. Renshaw dated 9th. March 1966 :-

"At least five separate, but associated, mineral zones are known to be present on the property. From East to West, these are the Simpson, Glover 1 and 2, Howard and Fresh Creek zones.

"The Simpson zone, from which production has been reported, consists of a quartz-filled shear zone in the Anarchist greenstone skarn area which has been mineralized with pyrite, pyrrhotite and chalcopyrite across a width of 100' or more. It has been traced for a distance of 2,000' South from the main workings, with both ends still open. In general it strikes 120 degrees East and dips 45 - 65 degrees Southeast. Grab samples from the surface gossan indicate a tenor of 0.5% - 2.0% copper with high erraticity of gold along with some silver.

"The Glover 1 zone is located on Glover Creek just at the upper Pass Creek road. Here a 40' deep shaft was reported to have been sunk on a gossan zone many years ago, and from which some production may have been obtained. The shaft is since caved. The width of the zone is in excess of 30'. In an effort to avoid flooding of the shaft from Glover Creek, a cross cut was started some 40' below the shaft collar, but was abandoned before the zone was reached. Grab samples in the vicinity of the shaft show heavy pyrrhotite mineralization, along with minor chalcopyrite. The average of three grab samples is 0.04 ounces per ton in gold, 0.75 ounces per ton in silver, and 0.5% copper, and has an approximate value of \$5.00 per ton at present day prices. A 15' vertical x-ray diamond drill hole returned an assay of .03 gold, .71 silver and 24% copper from the core; and .05 gold, .75 silver, and 39% copper from the sludge. Here a gossan zone resulting from the alteration of disseminated pyrite, pyrrhotite, and chalcopyrite occurs in quartz diorite over an area of 500' by 1,000', and has been explored by several open cuts now sloughed and caved. No assays have been taken, but visual estimate is + 0.5% copper.

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"The Fresh zone consists of three or four strong quartz veins situated between Fresh Creek and Rock Candy Creek, due West of the Howard zone. Very little work has been done on these veins which strike Northeast and dip moderately to steep Southeast, and vary in width from 2' to 10'. Strike length presumed is + 1,200', exposed by several open cuts or short adits. Five samples indicate the quartz contains 0.05 ounces per ton in gold, 0.75 ounces per ton silver, and 0.5% copper, or about \$5.00 per ton. This is subcommercial as gold ore, but is excellent flux for smelter use."

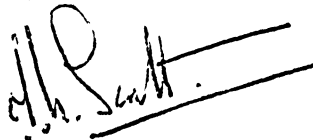
The following is an extract from a report by Dr. T. Klobusicky dated May 7th. 1966 :-

"The properties of Fento Mines Ltd. are located in the Greenwood Mining Division, an established mining district with a considerable history of copper-silver-gold mining and smelting.

"A number of dormant mines in the district have been reactivated recently. Domestic and foreign mining interests are currently carrying out exploration programs.

"To date, eight-nine seperated, but genetically seemingly related, mineral showings have been identified on the Fento properties and appear to occur in the same geological environment as the rest of the producers and prospects of the district. Precious and base metal values occur predominantly in the form of sulphides in an environment characterized by contact metamorphism."

Dr. Klobusicky also expresses the opinion that the property warrants the expenditure of \$250,000.00 on exploration.



O.L.N. Scott.
Secretary - Treasurer.

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Induced Polarization Survey.

The following is an extract from a Memorandum dated October 1st, 1966 written by Dr. Tibor Klobusicky, P.E. :-

"Geofax Surveys Ltd. of Calgary, Alberta were retained to carry out an I.P. survey program on a part of the Fento property in Greenwood Mining Division.

"The survey was completed and the report submitted in August, 1966. The survey covers portions of 4 claims and revealed a number of geophysical anomalous areas with readings ranging two to three times that of the background reading. The largest anomalous area was located on survey lines 21 and 24 and it is approximately 250 feet wide and about 500 feet long within the 12 millisecond contour with an open end to the north.

"Background readings were in the 5 millisecond range. Readings were made on lines spaced at 300 feet intervals. 200 feet electrode spacings were chosen for the desired penetration.

"Following are the conclusions of the geophysical survey as quoted from the Geofax report:

The Induced Polarization Survey revealed;

1. The most pronounced anomaly occurring at station 300NE Line 12.
2. A larger anomaly, but with slightly less chargeability at stations 700 and 800SW, Line 24, probably trending southeast to include station 700SW, Line 21.
3. A portion of a third anomaly at station 1600NE, Line 24. This anomaly is only partially revealed and requires further I.P. control to outline.
4. A small anomaly (in areal extent) at station 800NE, line 18.
5. Lesser anomalies encompassed by the 10 millisecond contour line.

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