Development at the Arcadia Gold Mines

Believed that Sufficient Ore will be Blocked out to Establish Arcadia as Profitable Mining Venture

A comprehensive development programme on the Arcadia Gold Mines Limited property, 560 acres in the Porcupine Mining Division, is being financed.

A large sum has already been spent in surface trenching and exploration work, etc. This work has disclosed an unusually large gold-bearing sulphide ore-body which has been exposed in a series of trenches, pits and excavations over a length of more than 1400 feet with an apparent average width of over 50 feet.

As a result of these most encouragng disclosures, it has been decided to of \$6.92 per ton, at \$35 gold. In the and the Canadian Fire Underwriters' could be the cause of its origin." explore this ore-body at depth by a eastern section of the property ore Association. well-planned diamond-drilling programme now in progress in conjunc- value of \$7.91; in the dyke zone ore admit," Mr. Heaton is quoted as saytion with further underground work, reserves are placed at 68,719 tons at an ing, "that the fire was started intenunder the supervision of a staff of average of \$6.92. capable engineers.

This work should conclusively prove the values and widths at a depth of the now known surface ore body, and enable the Company to carry out definite plans for bringing Arcadia Gold Mines into profitable production.

Numerous assays have been made of the Arcadia ore, some of them providing very spectacular results. One conservative group of assay results (gold at \$20.67) shows surface values ranging from \$2.40 per ton (the lowest among 38 samples to \$39.40, values in the inclined shaft up to \$28.00, and in the main shaft from \$5.20 to \$8.60. These values are exclusive of the spectacular showings in the high-grade "Tommy Burns" vein lying to the north of the main gold-bearing sulphide ore body.

It has been estimated that the proving of the downward extension of the ore to even a comparatively shallow depth will block out a very large tonnage-sufficient to establish the Arcadia as a profitable mining venture.

You'll Never Find Bugs on Airflow Windshields

One of the greatest annoyances with whch the motorist has had to contend in summer driving has been enlirely eliminated by the Airflow design of Chrysler and DeSoto cars, namely the collecting of dead insects on the windshield. In a conventional car whenever one is driving in the country the car hits all manner of insects and crushes them on the windshield, making an unsightly mess and eventually seriously interfering with the vision of the driver and passengers. Almost every motorist knows that it is necessary to make frequent stops to clean these insects from the windshield and that there seems to be some extremely adhesive substance in their bodies that makes it hard to dislodge the debris from the glass. The air currents set up by the Airflow design are such, however, that the insects are carried up and over the windshield without touching it. Very rarely indeed does one lodge on the glass. The principle involved is the same as that which makes the raindrops that fall on the windshield of an Airflow Chrysler roll uphill instead of downhill-the only case on record of water running uphill.

Filling station attendants were the first to notice the absence of bugs from Chrysler and DeSoto windshields, which is only natural as they usually get the job of cleaning them off. "It certainly is a relief to see a Chrysler or DeSoto come into the station," said an attendant, who spoke for the whole clan. "It means that after we have given the customer the usual service he will be ready to go on his way instead of having to submit to a debugging operation on his windshield. And say, most of those insects that get on windshields must be made out of glue, judging by the way they stick."

One Man Claims Lost Job for Other than Politics

It is refreshing to hear of a man in Ontario losing his job these days and giving another reason than just polttics. Thousands have been able to see no other reason than suspicion that they voted for the wrong party. But one man at the Windy Lake road camp in the Sudbury district gives another reason. And it's a bear. This man claims that he was let go last week because he didn't like bears and the road foreman did. There was a bear that had been annoying the men at the camp for some time. Its visits to the road camp made the men all nervous. So, this man set a good old bear trap and the unpopular bear walked right into the trap. Then the man who didn't like bears axed the bear in the head. The road foreman who liked bears was very wroth. Was he mad? While the men at the camp were giving the man who killed the bear the glad hand, the road foreman came along and gave him the boot. Well, anyway, as noted before, it is a refreshing and novel story after all the wholesale dismissals for political reasons. The man who gets fired for killing a bear has at least the satisfaction of knowing that he has some distinction these parlous days.

YOUR LIVER'S MAKING YOU FEEL OUT OF SORTS

Wake up your Liver Bile

-No Calomel needed When you feel blue, depressed, sour on the world, that's your liver which isn't pouring its daily two pounds of liquid bile into your bowels. Digestion and elimination are being slowed up, food is accumulating and decaying inside you and making you feel wretched. Mere bowel-movers like salts, oil, mineral water, haxative candy or chewing gum, or roughage, don't go far enough. You need a liver stimulant. Carter's Little Liver Pills is the best one. Safe. Purely vege-table. Sure. Ask for them by name. Retuse substitutes. 25c. at all druggists.

STEADY PROGRESS MADE AT

According to word last week from Matachewan camp, rapid progress is being made on the construction of the 100-ton mill on the property of the Matachewan Consolidated Mines Limited, work on which was commenced early this month. Cement is being poured for the foundations, and the Marshal's department, investigating structure will begin to show form in a | the recent fire which partly destroyed few days. The mill should be in oper- the mill on the Young-Davidson proation before the end of the year. It perty in Powell township, in the Mata-

is to be cyanide extraction type wan Consolidated, announced decision partment, according to despatches from late in July to proceed with mill con- Toronto last week. Fire Marshal Hea-Underground operations, according to been conducted by a representative of 172 tons of ore, with an average grade quiry made by the provincial police reserves total 53,453 tons of an average

London Times:-A rugged individualism is decidedly superior to a ragged little assistance in bringing the guilty be thought of," he continued.

Finds Matachewan Mill was Set on Fire

Report to Fire Marshal Says Blaze at Hollinger Property at Matachewan was of Incendiary Origin.

The investigator for the Ontario Fire chewan area, has come to the conclu-Directors of Ventures Limited, sion that the fire was of incendiary which company controls the Matache- origin and has so reported to the destruction, after calculations of develop- ton in making the disclosure public ment work carried on since May, 1933. said that a very thorough enquiry had recent official report had proven 122 .- his department in addition to the en-

"We are reluctantly compelled to tionally by some person." A large party or parties to justice.

first originated in the electrical supply any evidence against this man. store room located in the northeast of the main building on the second floor, and it was as a result of this fire that

all damage caused resulted. one in the southeast portion of the miles north of the Young-Davidson motor-room, which burned a wooden property. block and the other in the southwest portion of the motor-room, which burn-

ed paper wrappings on machinery. While the Ontario Fire Marshal considers that it was within the realm of possibility that the latter two fires were caused by sparks or embers from the main fire, he is of the opinion "that from the amount of charring to the wooden block ignited in the southeast portion of the motor-room, and its angle and location, it is very doubtful whether sparks or embers from the main fire after their investigation. Still another

were two separate and distinct fires, and puts the cause of the fires into the incendiary class," said the Marshal.

"The reputation of the assured, and number of rumors had been run down | that of the builders, are beyond all susby his department but all proved of picion in so far as an incendiary fire can

The report of the investigator makes | discharged employee. An exhaustive may be added, however, that the loss with sleeping car fare, tax included to moustache turned up at the ends.

it clear that there were three fires in questioning by provincial police and all at the Hollinger's Young-Davidson | the investigator for the Fire Marshal's mill then just nearing completion. The Department, however, failed to lead to

"It was established that when the fire was discovered, he was spending the night with a squaw, twelve miles from the mine. This suspect is now There were also, two incipient fires, employed at the Arbade Mine, fifteen

> The investigation disclosed that the night watchman started work about 8.30 p.m. and about 9.30 p.m. he went to the bunkhouse and had a glass of beer, all he had during the night. At midzight he went for supper, returning at 1.15 a.m. during which time the plant was unprotected.

a theory that there was some error in the construction of the mill. This was completely scouted by the authorities | loss. was to the effect that certain employees "This leads to the opinion that there | had held a "party" on the premises at which there might have been cardplaying and drinking. This was also found to be without support in fact.

> The report points out that in view of the fact that the loss is estimated at \$80,000.00, while there was \$286,000.00 Convention to be held at Halifax, N.S.

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S. T. WALKER

Funeral Director

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TIMMINS

of time in bringing the mill to comple- | Montreal as \$6.15. The route is given One rumor shot to pieces concerned tion is also a serious form of loss for as by rail to Quebec, via Montreal, the company and one that loomed as steamship Halifax; rail starting point more important than direct monetary Fifteen or more going fdom any one

PARTICULARS RE KIWANIS

The current issue of K-Ray, the offi- and the trip made by rail so that cial publication of the Ontario-Quebec-Maritime District of Kiwanis, gives journey together and so increase good interesting percentages of the District fellowship and comradeship.

1,850,000

starting point west of Montreal will secure 10 per cent. reduction on travelling rates quoted. The K-Ray makes DISTRICT MEET AT HALIFAX the suggestion that for this occasion the motor car might be given a rest groups of Kiwanis could make the

insurance, the Hollinger will suffer no on Sept. 23rd, 24th and 25th. The fare | Sudbury Star:-We can remember One to come under suspicion was a direct financial loss from the fire. It from Timmins and return, is \$87.45, the German government when his

EXTRACTS FROM

ENGINEERS' REPORTS

Quoted from a Report made by

C. Price-Green, B.A., F.R.G.S.

"It is my sincere belief that

this property can be developed

into one of the largest . . . mines

(signed) C. L. Heath, M.E.

"Much coarse gold is seen on

the surface of this dyke in

places for its whole length.

Surface assays taken indicate

a gold content averaging \$12.00

per ton . . . As I said before this

(signed) W. W. Worthington,

"Concluding this report

would say that you have the

most promising proposition

that I have examined during

twenty-five years' experience.

(signed) John McMartin, M.E.

"The ore body comprised in

the big dyke can be effectively

blocked out by drilling as the

average width of eighty feet

makes it entirely different from

the ordinary gold mining pro-

position with narrow veins and

irregular ore shoots, where dia-

mond drilling is only useful to

determine the formation. One

of the engineers reporting, esti-

mates that a block fifty feet by

1,800 feet by 100 feet in depth,

will give one million tons of

commercial ore which he very

conservatively values at \$9.00

per ton, but the average of the

surface values, according to

recorded sampling and assays,

(signed) Louis Whitman, C.E.

"I have taken 275 samples

along the dyke, also in the

quartz leads penetrating the

dyke and have determined any-

where from \$2.00 to \$40.00 per

ton in gold. I spent several

months on the property, my

opinion is that with good min-

ing and careful management,

this mine will be among the

large dividend payers of the

(signed) Lawrence Church,

Porcupine District."

is nearer \$20.00 a ton."

property will make a mine."

of the Porcupine District."

We offer, subject to allotment and prior sale

300,000 SHARES OF TREASURY STOCK OF

ARCADIA GOLD MINES

(No Personal Liability)

"I have examined the property and the reports and also all sampling and assay results available on the Arcadia Mine. In my opinion this property merits the expenditure of the funds necessary to prove the downward extension of the ore indicated by the results of the work so far done. Results to date indicate that a large body of commercial ore exists

on this property. In addition

to this, there is the high-grade

Tommy Burns vein system."

EXTRACTS FROM

ENGINEERS' REPORTS

(signed) J. Ralph Scott, B.Sc.

"The Arcadia property ... represents an interesting and promising prospect with widely distributed gold values and in places showing material of high grade over narrow widths. There is regional cross-fracturing of the general formational trend, the junction of which in other areas has proven so highly important in the localization of ore deposits. Most important ore occurrences are generally located at points of extreme structural complexity such as are evidenced on the Arcadia property. . . .

"I believe the property to have merit beyond even the favourable ore indication disclosed by the work already performed." (signed) D. G. H. Wright,

"The different rock formations on the Arcadia Gold Mines, Limited property are more or less identical, relatively, to the rock formations of the producing mines in the district. . . . "Gold has been panned practically all along the strike and ore is evidently there in paying values and immense tonnages.' (signed) Colin Thistlethwaite, B.Sc., M.E.

*"I sampled across 30 feet on the north side of this formation and from this sample I secured \$6.40 in gold. Should these values average over \$5.00 a ton for the length of the ledge, then you have a bonanza."

(signed) H. C. Anchor, M.E. *From report made by the late Captain H. C. Anchor, M.E.

Arcadia Gold Mines Limited owns and is developing a property in the rich Porcupine area of Ontario. A number of eminent engineers have reported favourably on the property and extracts from some of these reports appear in this announcement. Electric power, water and transportation facilities, essential to a profitable producing mine, are already available. Two shafts have already been sunk to depths of more than 100 feet showing commercial ore at various depths. Contracts for diamond drilling to prove to depth the reserves of ore indicated have been let. The company is under experienced and efficient management. From the comprehensive information available, and taking into consideration the present stage of development, the property of Arcadia Gold Mines Limited is outstanding.

While all mining properties in the early stages of their development naturally represent a degree of speculation to the investor, yet the work that has already been done and the favourable reports of the engineers justify the expectation that the additional development to be made possible through this issue will conclusively prove the merit of the property and its potentialities as a profitable producer.

Purpose of This Issue

The purpose of this issue is generally to place the Treasury of the Company in sufficient funds to aggressively explore and develop the property and particularly to carry out immediately a comprehensive plan laid down by the Company's Consulting Engineers in co-operation with the Resident Engineer, Colin Thistlethwaite, M.E., B.Sc., for diamond drillling in conjunction with the making of an underground survey and in further extending the workings from the vertical shaft (one of the two shafts already on the property). The diamond drilling program is already in progress, under contract.

Property

The main part of the property consists of 11 patented and 3 unpatented claims-totalling 560 acres more or less-located principally in the Township of Shaw, Porcupine Mining Division, Northern Ontario. Counsel certifies that title is absolute and clear subject only to certain claims against the previous owners, assumed by the Company as part of the purchase consideration and now in process of adjustment.

available from the Redstone River.

• The Porcupine gold area has

- today six producing gold mines. • It has produced over \$329,-
- 000,000 in gold to date. • More than \$97,000,000 in dividends have been paid to date.
- Market value of producing properties (June 15, 1934) exceeded \$173,000,000.

Development to Date

Considerable development work has been carried out on

Surface work has disclosed an unusually large gold-bearing sulphide body which has been exposed by trenches, pits and excavations at intervals for over 1400 feet in length, with an apparent average width of over 50 feet. The Surface exposures have been sampled by numerous independent mining engineers and found to contain commercial values, and this quite apart from many spectacu-lar high-grade showings. The concensus of opinion is that the whole sulphide zone can reasonably be expected to prove commercial ore and extend to considerable depth.

Trenching, Shaft sinking and crosscutting have been carried out on a parallel high grade vein approximately 200 feet north of the large sulphide zone. This vein has every indication of continuing in depth as a commercial ore body, augmented with occasional spectacular inclusions of high grade.

Milling and Metallurgical Tests Milling tests have been made on the ore by Professor G. J. MacKay at Queen's University, who reports "the ore is exceptionally easy to treat and the milling cost should be very low."

Conclusions

The simple milling and extraction with the very low costs possible in mining such a large ore body makes this property exceptionally attractive and augurs well for a very profitable large-tonnage producer and, as in the case of the other well-known Porcupine mines, an indefinitely long life. The proving to depth of the large surface ore body by diamond drilling, etc., will enable the Company to immediately lay definite plans for bringing the property into production. It has been estimated that the proving to even a comparatively shallow depth will block out a very large quantity of ore, and enable the Company to go into large scale operations.

ARCADIA GOLD MINES LIMITED (No Personal Liability)

OFFICERS AND DIRECTORS: President-WILLIAM E. DEDERICK, New York

Vice-President-RALPH H. McKEE, Ph.D., New York, Professor of Chemical Engineering, M. RALPH CARRIER, Lansing, Mich., President Federal Drop Forge Co. WILLIAM H. KILPATRICK,

Detroit, Vice-President Chrysler Motor Parts Corporation

Transportation

The property is ten miles distant by road from South

Power and Water

Two Power Lines from the Northern Canada Power Com-

pany cross the property within one-half mile of the Camp.

An adequate supply of water for all mining purposes is

Porcupine which is located on the T. & N.O.R.R.

Secretary-Treasurer-CHARLES PRICE-GREEN, B.A., F.R.G.S.

Montreal, Geologist, Member Canadian Institute of Mining and Metallurgy, Society of Chemical Industry, etc. Late Commissioner, Dept. of Natural Resources, Canadian National Railways Dr. HENRY W. NICHOLS Chicago, Curator of Geology, Field Museum

Consulting Engineers—Douglas G. H. Wright, B.Sc., Toronto, Ralph Scott, B.Sc., Toronto.

Resident Engineer—Colin Thistlethwaite, B.Sc., M.E., South Porcupine.

Auditor—Robert R. M. Auditor-Robert R. McDonald, C.A., Toronto Registrar and Transfer Agents-Prudential Trust Company, Toronto.

JOSEPH MONTGOMERY, Toronto, Barrister

Price: 50c Per Share

The Treasury of the Company will receive 421/2c per Share net.

After careful investigation of available information, we recommend these shares as a mining speculation from which many of the primary risks have been eliminated. Shares however should be purchased only by those who appreciate the hazards inherent in all mining developments.

Orders may be placed through the undersigned or through your own broker.

The above information was obtained from reliable sources but is not guaranteed.

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