

**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 encouraging disclosures, it has been decided to explore this ore-body at depth by a well-planned diamond-drilling programme now in progress in conjunction with further underground work, under the supervision of a staff of 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 which the motorist has had to contend in summer driving has been entirely 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 politics. 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. More bowel-movers like salts, oil, mineral water, laxative 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 vegetable. Sure. Ask for them by name. Refuse substitutes. 25c. at all druggists.

**STEADY PROGRESS MADE AT MATACHEWAN CONSOLIDATED**

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 structure will begin to show form in a few days. The mill should be in operation before the end of the year. It is to be cyanide extraction type.

Directors of Ventures Limited, which company controls the Matachewan Consolidated, announced decision late in July to proceed with mill construction, after calculations of development work carried on since May, 1933. Underground operations, according to recent official report had proven 122,172 tons of ore, with an average grade of \$6.92 per ton, at \$35 gold. In the eastern section of the property ore reserves total 53,453 tons of an average value of \$7.91; in the dyke zone ore reserves are placed at 68,719 tons at an average of \$6.92.

London Times:—A rugged individualism is decidedly superior to a ragged collectivism.

**Finds Matachewan Mill was Set on Fire**

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

The investigator for the Ontario Fire Marshal's department, investigating the recent fire which partly destroyed the mill on the Young-Davidson property in Powell township, in the Matachewan area, has come to the conclusion that the fire was of incendiary origin and has so reported to the department, according to despatches from Toronto last week. Fire Marshal Heaton in making the disclosure public said that a very thorough enquiry had been conducted by a representative of his department in addition to the enquiry made by the provincial police and the Canadian Fire Underwriters' Association.

"We are reluctantly compelled to admit," Mr. Heaton is quoted as saying, "that the fire was started intentionally by some person." A large number of rumors had been run down by his department but all proved of little assistance in bringing the guilty party or parties to justice. The report of the investigator makes

it clear that there were three fires in all at the Hollinger's Young-Davidson mill then just nearing completion. The first originated in the electrical supply 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.

There were also, two incipient fires, one in the southeast portion of the motor-room, which burned a wooden block and the other in the southwest portion of the motor-room, which burned 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 could be the cause of its origin."

"This leads to the opinion that there were two separate and distinct fires, and puts the cause of the fire into the incendiary class," said the Marshal.

"The reputation of the assured, and that of the builders, are beyond all suspicion in so far as an incendiary fire can be thought of," he continued.

One to come under suspicion was a discharged employee. An exhaustive

questioning by provincial police and the investigator for the Fire Marshal's Department, however, failed to lead to any evidence against this man.

"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 employed at the Arbade Mine, fifteen miles north of the Young-Davidson property."

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 midnight he went for supper, returning at 1.15 a.m. during which time the plant was unattended.

One rumor shot to pieces concerned a theory that there was some error in the construction of the mill. This was completely scouted by the authorities after their investigation. Still another was to the effect that certain employees had held a "party" on the premises at which there might have been card-playing 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, while there was \$286,000.00 insurance, the Hollinger will suffer no direct financial loss from the fire. It may be added, however, that the loss

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of time in bringing the mill to completion is also a serious form of loss for the company and one that loomed as more important than direct monetary loss.

**PARTICULARS RE KIWANIS DISTRICT MEET AT HALIFAX**

The current issue of K-Ray, the official publication of the Ontario-Quebec-Maritime District of Kiwanis, gives interesting percentages of the District Convention to be held at Halifax, N.S., on Sept. 23rd, 24th and 25th. The fare from Timmins and return, is \$87.45, with sleeping car fare, tax included to

Montreal at \$6.15. The route is given as by rail to Quebec, via Montreal, steamship Halifax; rail starting point fifteen or more going from any one starting point west of Montreal will secure 10 per cent. reduction on travelling rates quoted. The K-Ray makes the suggestion that for this occasion the motor car might be given a rest and the trip made by rail so that groups of Kiwanis could make the journey together and so increase good fellowship and comradeship. Sudbury Star:—We can remember the German government when his moustache turned up at the ends.

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# ARCADIA GOLD MINES LIMITED

(No Personal Liability)

|   |                  |
|---|------------------|
| Authorized Capital (Par value, \$1.00) .....            | 3,500,000 Shares |
| Issued—for properties (Pooled until July 1, 1935) ..... | 1,200,000        |
| for cash to date .....                                  | 350,000          |
| this issue .....  | 300,000          |
| Balance remaining in Treasury .....                     | 1,850,000        |
|   | 1,650,000        |

**EXTRACTS FROM ENGINEERS' REPORTS**

"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."  
(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. C. H. Wright, B.Sc.

"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 tonnage."  
(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.

**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 of the Porcupine District."  
(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 property will make a mine."  
(signed) W. W. Worthington, M.E.

"Concluding this report I 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 proposition with narrow veins and irregular ore shoots, where diamond drilling is only useful to determine the formation. One of the engineers reporting, estimates that a block fifty feet by 1,300 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, is nearer \$20.00 a ton."  
(signed) Louis Whitman, C.E.

"I have taken 275 samples along the dyke, also in the quartz leads penetrating the dyke and have determined anywhere from \$2.00 to \$40.00 per ton in gold. I spent several months on the property, my opinion is that with good mining and careful management, this mine will be among the large dividend payers of the Porcupine District."  
(signed) Lawrence Church, M.E.

**ARCADIA GOLD MINES LIMITED**  
(No Personal Liability)

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President—WILLIAM E. DEDERICK, New York  
Vice-President—RALPH H. McKEE, Ph.D., New York, Professor of Chemical Engineering, Columbia University  
Secretary—CHARLES PRICE-GREEN, B.A., F.R.G.S., Montreal, Geologist, Member Canadian Institute of Mining and Metallurgy, Society of Chemical Industry, etc.  
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Resident Engineer—Colin Thistlethwaite, B.Sc., M.E., South Porcupine.  
Auditor—Robert R. McDonald, C.A., Toronto.  
Registrar and Transfer Agents—Prudential Trust Company, Toronto.

**Price: 50c Per Share**

The Treasury of the Company will receive 42½c 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.

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