

BUFFADISON GOLD MINES LTD. (Ont. '45)

Au prospect - Louvicourt

Cap. 3,000,000 o/s 1,804,005 (504,000 pooled iss. to Madison Gold for prop. May be released 108,000 on 22/1/46; 108,000 on 22/11/46 and 288,000 on 22/3/47)

Opt. o/s on 1,100,000 sh 30¢ to 75¢ held by Buffalo Canadian (Apr. 4, 1945 - 800,000 assigned to Anglo-Huronian Newmont, Noranda and G. C. Williams & Co. July 1945 cash and bonds \$169,025.

Dir. F. G. Simpson, pres., E. Cradock, v.p., P. C. Finlay, sec/treas. J. Ingram, M. E. Singer. Oliver Hall, gen. mgr.

Prop. 687 ac adj. west of Bevcourt. Old work returned surface values \$12.75 over 19'; \$14.80 over 30'; \$8.04 over 12 from a mineralized area 600 ft. x 350 ft.

1945 dd. tested extension of Bevcourt zone

Hole 5 7.7 ft. at \$34.30; 1.2 ft. at 18.90; 38.2 ft. at \$11.30

Hole 6 200 ft. west gave ore values.

Repts. (1) Opt. agreement with Buffalo Canadian

75,000 at 10¢; 200,000 each at 15¢, 20¢, 25¢, 30¢, & 40¢
300,000 at 50¢; 200,000 at 75¢

No.4 hole - Several occurrences were cut to 247 ft. depth with the best two showing 0.16 oz. over 4.5 ft. and 0.26 oz. over 3.0 ft. The hole is continuing in an effort to reach the contact between the granodiorite and greenstones at about 900 ft. depth. No. 4 hole is about 400 ft. west of the boundary with Bevcourt and is the most westerly hole in the current program.

Under a financing agreement with Buffalo Canadian Gold Mines, Anglo-Huronian, Newmont Mining Corporation and Noranda Mines, the treasury of Buffadison has received \$177,500 to date. The company is capitalized at 3,000,000 shares of \$1 par value and 1,804,005 are issued at present. 652/45

No.5 was cut at a hole depth of 395 ft. and the following assays were the best secured over a core length of 12.2 ft., 1.5 ft. of 0.04 oz., 3.5 ft. of 0.08 oz., 4.2 ft. of 1.74 ozs.

At a hole depth of 1,021 ft. and 50 ft. of core from there on shows increased pyritic content and favorable looking quartz.

The third intersection was entered at a hole depth of 1,126 ft. and continued to 1,164 ft., a distance of 38 ft. Numerous veinlets show in this stretch and a considerable part of the granodiorite is well altered and mineralized. Best alteration is from 1,138 ft. to 1,142 ft. and this four feet contains about

Buffadison repts cont'd

three feet of quartz carrying much coarse pyrite, with fine grained gold and tellurides seen at about 10 places.

No. 5 is situated 200 ft. west of No.4 which returned 4.4 ft. of 0.16 oz. and 3.0 ft. of 0.26 oz. along with other low values. A 2.0 ft. section at 140 ft. depth contained visible gold but the assay ran nil and is being checked. The present program has only tested about a 600 ft. length of ground west of the boundary with Bevcourt and another 800 ft. length further west remains to be drilled before the area where some earlier drilling was done is reached. 821/45

No.5 - latest zone intersected at 1,126 ft. depth. A core length of 38.2 ft. from 1,126 ft. to 1,164.2 ft. gave an average of \$11.30 per ton. The hole is being continued toward the contact between the porphyry and greenstone which is believed to lie about 200 ft. ahead of the above ore intersection. Earlier in the hole, at 399.5 ft., a 7.7 ft. section averaged \$34.30 per ton while at 1,070 ft. depth 1.2 ft. of core ran \$18.90.

In the 38.2 ft. intersection there are three distinct quartz veins, two with heavy pyrite and tourmaline and the rock between the quartz veins is altered and mineralized. Fine grained gold and telluride is widely distributed and the intersection was secured at a vertical depth of about 800 ft. Individual assays are as follows starting at 1,126 ft: 3.0 ft. of 0.12 oz., 3.1 ft. of 0.06 oz., 5.8 ft. of 0.06 oz., 4.0 ft. of 2.02 ozs., 2.7 ft. of 0.18 oz., 2.9 ft. of 0.02 oz., 2.3 ft. of 0.04 oz., 1.0 ft. of trace, 1.6 ft. of trace, 1.3 ft. of 0.06 oz., 2.2 ft. of 0.30 oz., 1.8 ft. of trace, 3.8 ft. of 0.08 oz., 1.7 ft. of 0.02 oz., 1.0 ft. of 0.48 oz. 841/45

No. 6 hole has encountered similar conditions to those found in No.5, 200 ft. to the east.

The main intersection in No.5 averaged \$11.30 uncut over a width of 38.2 ft. while others at shallower depths ran \$34.30 over 7.7 ft. and \$18.90 over 1.2 ft. No. 6 is about 800 ft. west of the boundary with Bevcourt Gold Mines. 896/45

No.6 hole. Another 100 ft. or so of drilling in No.6 hole adjoining west of Bevcourt, will be necessary to reach the projected westerly extension of the wide ore intersection obtained in No.5 200 ft. to the east. At 464 ft. depth a 3.0 ft. section assayed 0.58 oz. per ton followed by 5.0 ft. running trace. 986/45

No.10 ddh 2,000 ft. west of the area near the boundary with Bevcourt at a hole depth of 563.9 ft. encountered 14.1 ft. averaging 0.19 oz. or \$7713 per ton. A second zone has been intersected from 812 to 827 ft. and assays of this are being run.

Individual sections of the 14.1 ft.: 222 ft. of 0.42 oz., 4.6 ft. of 0.02 oz. 3.9 ft. of 0.10 oz., 3.4 ft. of 0.38 oz. When in the hands of the original owners some dd was done near the area being

tested by No.10 hole and some fair values were reported from this work. No.5 hole \$34.30 over 7.7 ft., \$18.90 over 1.2 ft. and \$11.30 over 38.2 ft.

The company is capitalized at 3,000,000 shares of \$1 par value and at last report 1,804,005 were issued. The treasury has been provided with \$177,500 to date. 1289/45

Commenced sinking operations late last week. Continuing its drilling program. 402/46

MINING EVALUATION COMPANY

NORANDA, QUEBEC

J. M. EAKINS

BUFFADISON GOLD MINES LIMITED

The company holds fourteen (14) claims in Louvicoourt township in N.W. Quebec. The acreage adjoins Bevcourt on the West, with a long extension on the contact zone of granodiorite batholith.

Extensive drilling over and East/West extension of 2000 ft. indicated ore structure over extensive widths and lengths in the granodiorite, to the South of the contact zone, with the greenstones to the North.

A three compartment, sited in the South central zone, was completed to 970 ft. depth early in the year.

Initial lateral work was done on the 4th and 5th levels in the "South" zone, i.e. to the South of a porphyry dyke which traversed the area parallel to the North contact zone.

On the 4th level, drift advance has opened up 160 ft. of ore carrying 0.30 oz. grade across 2.2 ft. and on the 5th level, 158 ft. carrying 0.248 oz. grade across 2.3 ft. The ore structure dips flatly to the North and raises in ore are being driven from both levels.

A North/South basic dyke offsets the structure to the East and drilling is being done to probe for the extension.

In the North zone, lateral work has been confined to drift advance to the East and West on the 5th (810 ft.) level. Drifting has been advanced 600 ft. to the West of the shaft x-cut and 930 ft. to the East, the face East being 250 ft. from the boundary with Bevcourt. The drift is being continued East. The drift has followed along a strong persistent quartz fracture in the granodiorite. This has an East/West strike and a general dip of 40° to the South over the total extension of 1400 ft. opened up. To the East of the shaft, the widths vary from 0.5 to 2.0 ft. An extension East of the basic dyke carries persistent high gold content with 270 ft. returning 0.93 oz. grade across an average width of 1.0 ft. The enclosing granodiorite walls show alteration and silicification with minor mineralization.

The lateral advance on the 5th level in the North zone has been for the purpose of establishing a base for extensive drilling exploration. This will be done by angled drilling at 50 ft. intervals.

BUFFADISON GOLD MINES LIMITED

BULLETIN NO. 549
December 9th, 1947.

304

MINING EVALUATION COMPANY

NORANDA, QUEBEC

J. M. EAKINS

BUFFADISON GOLD MINES LIMITED

It is at and above this horizon that the main ore structures on the adjoining Bevcourt have been opened up. The favourable zone between the North contact and the porphyry dyke has a width varying from 150 to 200 ft. The porphyry dyke dips to the North at 80° and the contact zone more flatly at 45° to 55° . It is in this zone that the more impressive intersections have been had in the programme of surface drilling.

The company has authorized capital of 3,000,000 shares, all of which are issued. The treasury holds ample funds for the projected programme of lateral exploration of the two zones.

SUMMARY

The lateral work in the North zone to date, has been largely preparatory for the programme of ring drilling. Favourable disclosures should be had, in view of the surface drilling intersections and of the ore structures opened up immediately to the East on the 600 and 700 ft. horizons of Bevcourt.

RECOMMENDATION

The shares of the company, at present valuation, have soundly assured speculative merit.

Issued Shares.....3,000,000

Current Quotations.....95¢ - \$1.00

BUFFADISON GOLD MINES LIMITED

BULLETIN NO. 549
December 9th, 1947.