

PRELIMINARY REPORT UPON  
THE BOB CREEK MINING CLAIMS LOCATED  
NEAR HOUSTON B. C. BY  
W. H. Campbell, Mill & Metallurgical Engineer.

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Gentlemen:

At your request I proceeded to Houston B. C. with the object of making a cursory examination of your mining claims there.

The work done thereon to date has been confined to the Rex mineral claim consisting ~~in~~ of two short tunnels of 20 and 15 feet, respectively, various open cuts and stripping. This work leads me to believe that the best exploration results will be derived by driving a prospect tunnel at a point 50 ft. below the present short tunnel at a point marked on the accompanying map or plan. At this point a diorite intrusion intersects the porphyry dyke and a general enrichment is likely to occur. I sampled this point over 30 feet in width with the resultant assay thereof, attached thereto bears out this contention. The topography at this point is very favorable to tunnel development, 500 of backs being obtained in approx 300 feet, ample dump space being available.

The general assays taken by me at intervals over a distance of 800 ft., on the porphyry dyke on the Rex mineral claim, whilst showing that free gold exists over the whole body, more exclusively point to the fact that future exploration work, should be carried on at the point of the diorite intrusion, and I therefore advise that future expenditure be confined for the time being in that direction.

The assays results of samples #7 and #8 show that as the intrusion is approached the possibilities of the development of a large body of commercial ore being proved up are very encouraging.

In order to bring this property to a state of initial production I estimate an expenditure of about forty thousand dollars (\$40,000) should be provided for. This should include all plant and equipment required to develop the property to where sufficient ore could be mined to feed a mill of 100 tons per day capacity as may be designed in accordance with the flow requirements, transportation, engineering and surveying costs.

As a result of my preliminary inspection I am fully of the opinion this property is well worth of the expenditure of considerable money and that a profitable mining undertaking will result therefrom. With further consideration of proving up a very large body of low grade ore over the porphyry dyke, the value of the property may be very greatly enhanced.

My inspection of this property was somewhat curtailed owing to the snow conditions at the time, but I am of the opinion that the general conclusion I have arrived at is in accordance with geological structure encountered.

Yours faithfully, W. M. Campbell,  
Mill & Metallurgical Engineer.

515 Shelly Bldg.,  
119 Pender St., West,  
Vancouver, B. C.

July 14th., / 56

This is a copy of a report made by Fred Wells of the Cariboo Gold Quartz Mine made to Mr. George H. Kilburn, of the Consolidated Mining and Smelting Co., Ltd., Trail B. C. on the Gold Brick Group (BOB CREEK) Houston, B. C.

Dear Sir:

In the hope of obtaining late reports from the above property, I have delayed acknowledgment of your letter of April 2 until today. In the absence of any report I am sending you the following information which has a bearing on the No. one tunnel.

Driven in 1936 for a distance of 35 feet, ~~xxxxxxxxxxxxxxxx~~ ~~xxxxxxxxxxxxxxxx~~ this tunnel is in solid porphyry. Close to the 30 ft. mark, several stringers were intercepted. The four following samples were taken in October 1936 by Fred Wells and assayed by J. R. Williams of Vancouver.

	<u>Gold oz</u>	<u>Silver oz</u>
No. 1 Tunnel Rt. side along main drift 10 to 15 feet wide	.012	.30
No. 1 Tunnel face to left of straight ahead 4 feet	.03	1.35
No. 1 Tunnel left face of tunnel 4 ft. across face shows high grade	.45	.60
No. 1 Tunnel right face of tunnel the 6" to 8" stringer, H. G.	.33	10.20

Six more also by Mr. Wells, picked from surface and open cuts, and marked ( Prospectors samples) showed the following values:-

No.1	Gold oz, .28	Silver oz, 18.50	
No. 2	.70	7.40	
" 3	.03	26.50	(High Antimony)
" 4	2.47	6.65	
" 5	.84	3.15	
" 6	.26	1.10	

Continued:-

continued:-

You will note that at the point where No. 1 tunnel was driven Mr. Townsend suggested driving in 50 feet. I understand that some work has been done on the property in the last month, and I shall keep you posted on any reports I may receive from time to time.

Meanwhile if you decide to send a party to the district, I assure you every effort will be made to facilitate examination of the property. As you probably know a small sawmill was operated there some years ago, and as a result some fine buildings now exist on these claims affording every convenience for a crew up to ten or twelve men.

Present option terms would probably have to be modified to conform to your usual form of contract, and I will be glad to co-operate in any way to bring about an agreement between the present owners and your Company out of which no objections may arise should your examination, if and when made, prove favorable.

Failure to do this in the past has been a factor in bringing negotiations with at least one responsible Company to a deadlock. Such a situation is particularly unfortunate for the prospectors, who, I admit are not always the easiest people to deal with.

Thanking you, I am.

Yours Truly,

1954 Charles Street,  
 Vancouver, B. C.  
 April 17, 1940.

Mr. George H. Kilburn,  
 Consolidated Mining and Smelting Co. Ltd.  
 Trail, B.C.

RE GOLD BRICK GROUP (BOB CREEK)

Dear Sir:

In the hope of obtaining late reports from the above property, I have delayed acknowledgment of your letter of April 2 until today/ In the absence of any report I am sending you the following information, which has a bearing on the No. 1 tunnel:

Driven in 1936 for a distance of 35 ft. this tunnel is in solid porphyry. Close to the 30 ft. mark, several stringers were intercepted. The four following samples were taken in Oct. 1936 by Fred Wells, and assayed by J. R. Williams of Vancouver,

	<u>AU. oz.</u>	<u>AG. oz.</u>
No. 1 Tunnel Rt. side along main drift 10 to 15 ft. wide	.012	.30
No. 1 Tunnel. Face to left of straight ahead 4 ft.	.03	1.35
No. 1 Tunnel left face of tunnel 4 ft. across face. Shows high grade.	.45	.60
No. 1 Tunnel. Right face of tunnel. The 6" to 8" stringer H. G.	.33	10.20

Six more, also by Mr. Wells, picked from surface and open-cuts, and marked "Prospector's Samples" showed following values:

	<i>Gold</i> <u>AU. oz.</u>	<i>Silver</i> <u>AG. oz.</u>
NO. 1	.28	18.50
No. 2	.70	7.40
3	.08	26.50 (High Antimony)
4	2.47	6.65
5	.84	3.15
6	.26	1.10

Pg. 2 April 17, 1940/

You will note that at the point where No. 1 Tunnel was driven Mr. Townsend suggested driving in 50 ft. I understand that some work has been done on the property in the last month, and I shall keep you posted on any reports I may receive from time to time.

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Present option terms, would probably have to <sup>be</sup> modified to conform to your usual form of contract, and I will be glad to co-operate in any way, to bring about an agreement between your company and the present owners, out of which no objections may arise should your examination, if and when made, prove favourable. Failure to do this in the past has been a factor in bringing negotiations with at least one responsible Company to a deadlock. Such a situation is particularly unfortunate for the prospectors, who, I admit, are not always the easiest people to deal with.

Thanking you, I am,

Yours truly,