

Benjamin Hill Sampling Up To 31.4g/t Au, Provides Update on Sonora Projects

- May 6, 2021



VANCOUVER, British Columbia, May 06, 2021 (GLOBE NEWSWIRE) — Benjamin Hill Mining Corp. (CSE: [BNN](#)) (“BHM” or the “Company”) is pleased to announce additional assay results at the Benjamin Hill property, comprised of the Sonora Gold and Sonora Copper concessions: Chip sample of 31.4g/t Au and multiple chip samples ranging from 4.0 – 8.0 g/t Au.

The exploration work on the Sonora Gold property continues to generate excellent results. Benjamin Hill Mining geologists continue to advance mapping and chip sampling for mineralization at Caracahui, Sahauro and Sonora Copper mineralized areas. A total of 447 chip/channel samples were collected during March and April, 2021.

BHM geologists increased the known mineralized footprint of the Caracahui structure first mapped in Q4 last year, increasing the length of the mineralized structural trend by 1600m to the southeast connecting it with the mineralized structures in the Sonora Copper area. Geologists were able to trace the mineralized structure a further 500m to the north-west, increasing the length of the mineralized vein system to 2400m and mapped numerous bifurcations. Geologists were also able to identify a large area of disseminated gold ranging from 350m to 600m in width and covering an area of 78 Ha. The Caracahui area is dominated by gold bearing quartz veins that are characterized by cockade textured quartz, are barite rich and present a brecciated appearance

suggesting a robust level of hydrothermal activity, key characteristics of epithermal mineralization.

Fifty-nine samples returned gold values over 2.0g/t with eight samples ranging from 7.5g/t to 31.4g/t. Nine samples taken from the Caracahui vein returned copper values over 1.0% with three samples above 2% and the best sample returning an impressive 8.3% Cu (Figure 1. and Table 1). BHM geologists believe the combination of anomalously high gold and copper values in the Caracahui vein may indicate the presence of a calc-alkalic porphyry copper gold deposit in the shallow subsurface.

BHM geologists also worked on mapping and sampling the Sahuaro vein which lies just west of the historical Sonora Copper vein. The Sahuaro vein is a mineralized quartz rich structure that can be traced over 2900m in length and presents a strong gold-copper anomaly in the south. This vein includes values up to 3.5 g/t Au and 1.2% Cu. Both the Sahuaro Vein and the Sonora Copper Vein are described by BHM geologists as being tectonic breccia veins due to having a much more brecciated character than the Caracahui Vein. Geologists also noted the iron oxide mineral, specularite in the Sahuaro Vein; a mineral known to associate with gold deposits and a key characteristic of gold deposits in the Sonora.

Greg Bronson, P.Geo., President of Benjamin Hill Mining Corp. states that, *“BHM geologists have pushed the extents of known mineralization to very impressive proportions. This large footprint combined with notable levels of mineralization supports our view that the property may contain a mineral resource*. We are excited about starting the next phase of work and begin drill testing the most prospective targets while expanding the footprint of mineralization into areas previously untouched by modern systematic exploration.*

*It is important to emphasize that the potential of any exploration target is conceptual in nature and until enough drilling occurs, the existence, if at all, of a mineral resource cannot be assured.

Cole McClay, CEO of Benjamin Hill Mining Corp. states that, *“as the merits of the Sonora Gold concession become more well defined, the company will continue to provide value to shareholders with thorough and efficient exploration of the Benjamin Hill property”.*

Further to the news release dated February 24, 2021 announcing gold assays of up to 16.2g/t, the vein material which produced an assay result of 15.1g/t was resampled by an independent professional geologist (Mr. Lorne Warner, P.Geo.). The assay returned a gold value of 31.4g/t, nearly doubling the assay value of the previous sample collected by BHM geologists. This anomalously high assay may be the result of a nugget effect and suggests the presence of coarse gold in the sample.

BHM has applied for drill permits and expects to receive permits within the next several weeks. In the meantime, BHM geologists are following up on the stream

sediment sample data collected in December 2020 that identified several new target areas for exploration. Additionally, BHM geologists have reviewed aeromagnetic geophysical data collected by the Mexican Geological Survey. The survey data suggests a large magnetic anomaly exists on the Sonora Gold property, trending in a northeast – southwest orientation, with dimensions of more than 11km length, approximately 6km in width and covering about 9000 ha. The anomaly shows good correlation with known structures and suggests several new locations to explore for additional mineralization. These newly identified locations will be followed up on in the field over the next few weeks.

Figure 1. Assay Map from the Second Round of Sampling <https://www.globenewswire.com/NewsRoom/AttachmentNg/250c5f69-4ab9-4f36-878c-9af27b151714>

Table 1. Assay Highlights from the Second Round of Sampling

Sample	East	North	AuEq (ppm)	Au (ppm)	Cu (%)	Ag (ppm)
LW-804	495569	3345405	31.6	31.4*	1.0	13.5
676	495578	3345329	16.4	16.2	–	16.5
682	495568	3345405	17.0	15.1	0.5	139.1
950	495187	3344344	8.8	8.8	–	1.8
1136	495467	3344521	9.3	8.7	0.6	47.8
885	495344	3344635	8.7	8.5	1.9	17.6
573	495248	3344306	8.4	8.3	–	5.4
1582	494946	3343607	7.9	7.5	–	33.6

677	495570	3345318	7.6	7.4	–	13.2
1484	495454	3344904	6.5	6.4	–	11.2
579	495186	3344229	6.4	6.2	–	16.1
895	495938	3345227	6.7	5.9	1.9	57.6
1595	495733	3345096	5.8	5.6	0.2	18.4
1595	495733	3345096	5.8	5.6	0.2	18.4
1581	494963	3343618	6.2	4.8	0.1	108.7
688	495505	3345308	4.9	4.6	–	24.9
889	495385	3344703	4.6	4.5	0.2	7.1
927	495493	3344531	4.8	4.5	0.2	21.9
930	495434	3344507	5.2	4.1	1.7	83.4
930	495434	3344507	5.2	4.1	1.7	83.4
572	495246	3344307	4.1	4.1	–	3.7
1190	494867	3343836	4.3	4	–	20

1249	494622	3342139	3.6	3.5	–	6.3
1541	494827	3343521	3.4	3.3	–	5.4
LW-803	495505	3345308	3.5	3.3	–	18
1016	495387	3344708	3.5	3.2	0.3	23.2
657	495273	3345168	3.4	3.2	–	16.1
657	495273	3345168	3.4	3.2	–	16.1
884	495333	3344615	3.2	3	0.7	14.1
878	496077	3345459	3.2	2.9	0.2	25.1
929	495456	3344513	4.3	2.8	1.2	110.4
1189	494827	3343960	2.8	2.7	–	4.9
928	495480	334523	4.1	2.6	2.3	109.7
905	495466	3344825	3.4	2.4	0.6	73.8
1585	494965	3343505	2.5	2.4	–	7.5
857	494767	3343141	2.5	2.2	–	19.7

288	495817	3345036	2.3	2.1	–	15.4
1531	494976	3343631	2.2	2	–	14.8
918	495556	3344630	3.0	1.5	2.4	114
923	495620	3344589	1.6	0.6	8.3	76.5
873	496410	3345725	0.5	0.2	2.5	20.2
		*Vein material previously sampled at 15.1g/t Au				

Quality Assurance/Quality Control All rock samples were selected by a BHM geologist. Sample tags were placed into each bag before being sealed and stored at the company field office in a secure area and were later transported by company truck directly to the Bureau Veritas Mineral Laboratories (BVM) in Hermosillo, Sonora, Mexico. At the laboratory, the samples were dried, crushed and pulverized with the pulps being sent airfreight for analysis to BVM in Vancouver, B.C. for 45-element ICP-MS analysis after modified 4 acid aqua regia digestion. Gold assays are determined by 30-gram fire assay fusion with an ICP-ES finish. Copper assays that initially ran above 10,000ppm were rerun using ICP-ES analysis to obtain accurate assay values.

Both Hermosillo and Vancouver BVM facilities are ISO 9001 and ISO/IEC 17025 accredited. Laboratory control samples comprising certified reference samples, duplicates and blank samples were inserted by the laboratory into the sample stream and analyzed as part of the quality assurance/quality control protocol.

About Benjamin Hill Mining Corp. Benjamin Hill Mining Corp. is a Canadian-listed junior gold exploration company focused on exploring and developing projects in Mexico. The Company's Sonora Gold project covers 6,000 ha of highly prospective mineral concessions along the Mojave fault in the Sierra Madre gold belt of Sonora, Mexico in close proximity to Magna Gold Corp's San Francisco mine.

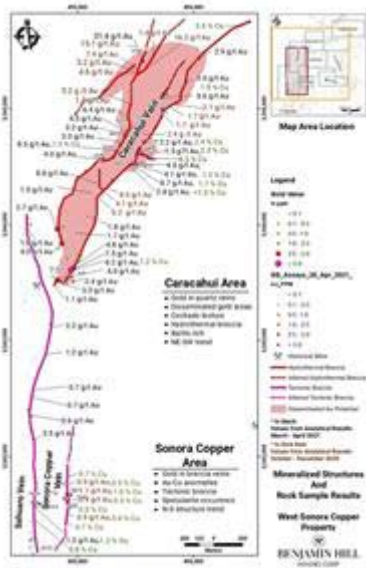
Qualified Person Greg Bronson, P. Geo, President and Director of the Company is a qualified person as defined by National Instrument 43-101 and has reviewed and approved the scientific and technical disclosure in this news release.

On behalf of the Board of Directors “Cole McClay”, CEO Benjamin Hill Mining Corp. info@benjaminhillmining.com www.benjaminhillmining.com

Forward Looking Statements Certain of the statements made and information contained herein may contain forward-looking information within the meaning of applicable Canadian securities laws. Forward-looking information includes, but is not limited to, information concerning the Company’s intentions with respect to the development of its mineral properties. Forward-looking information is based on the views, opinions, intentions and estimates of management at the date the information is made, and is based on a number of assumptions and subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those anticipated or projected in the forward-looking information (including the actions of other parties who have agreed to do certain things and the approval of certain regulatory bodies). Many of these assumptions are based on factors and events that are not within the control of the Company and there is no assurance they will prove to be correct. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. The Company undertakes no obligation to update forward-looking information if circumstances or management’s estimates or opinions should change except as required by applicable securities laws, or to comment on analyses, expectations or statements made by third parties in respect of the Company, its financial or operating results or its securities. The reader is cautioned not to place undue reliance on forward-looking information. We seek safe harbour.



Figure 1



Assay Map from the Second Round of Sampling

Source: Benjamin Hill Mining Corp.