



## **Brixton Metals Drills 709m of 0.34% CuEq Including 362m of 0.44% CuEq including 102.15m of 0.61% CuEq at its Camp Creek Porphyry Target, Thorn Project**

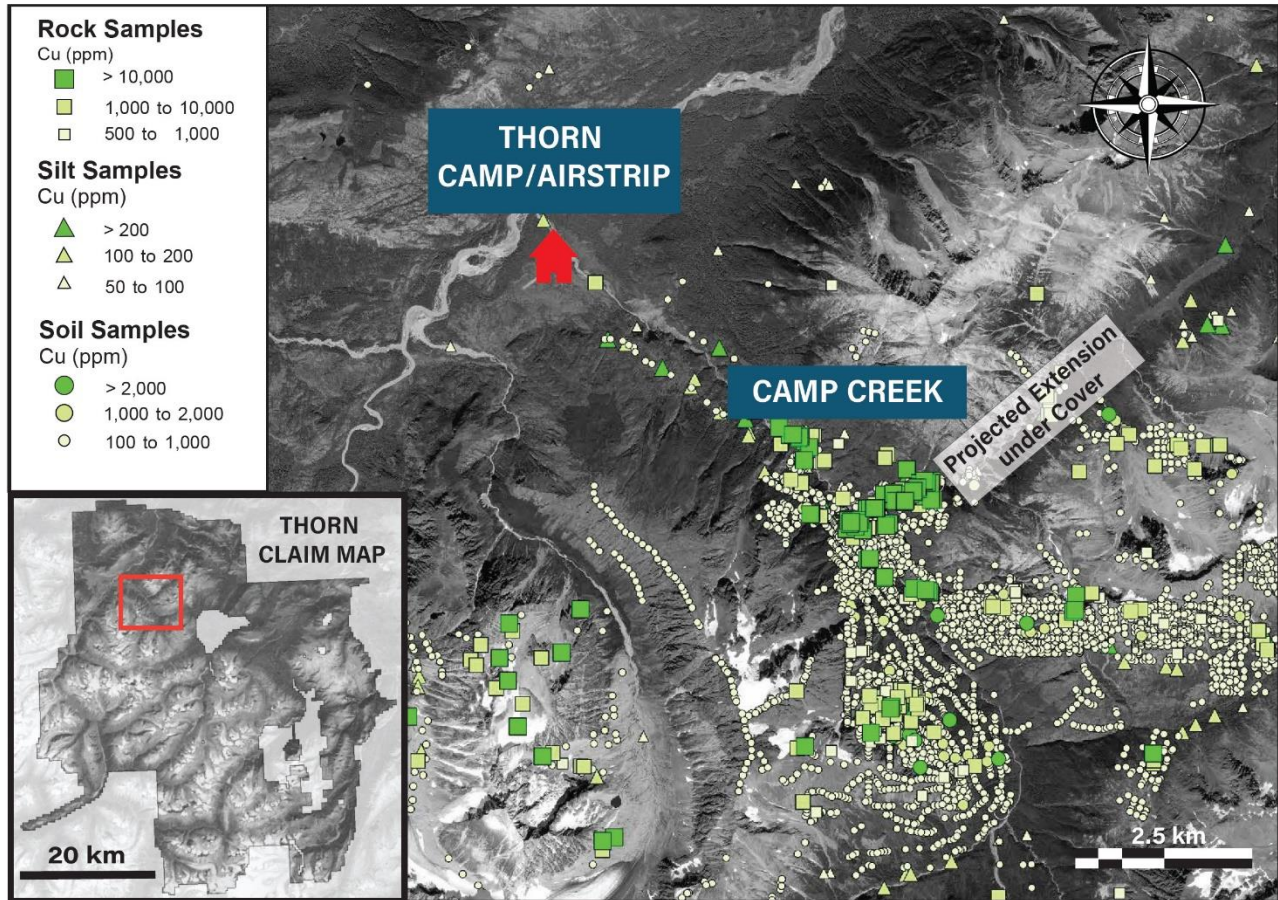
**VANCOUVER, British Columbia, January 4, 2023 (GLOBE NEWSWIRE)** - Brixton Metals Corporation (**TSX-V: BBB, OTCQB: BBBXF**) (the “Company” or “Brixton”) is pleased to report 2022 drilling results from the Camp Creek Cu-Au-Ag-Mo Porphyry Target on its wholly owned Thorn Project located in Northwestern British Columbia, Canada. The Thorn Project is located within the Taku River Tlingit and Tahltan First Nation’s traditional territory.

### **Highlights**

- Hole THN22-213 yielded **709.00m of 0.34% CuEq** from 534m depth
  - Including 484.00m of 0.41% CuEq
  - **Including 362.00m of 0.44% CuEq**
  - Including 102.15m of 0.61% CuEq
  - **Including 64.15m of 0.65% CuEq**
- Hole THN22-231 yielded **778.08m of 0.30% CuEq** from 519.5m depth
  - Including 531.00m of 0.36% CuEq
  - **Including 102.00m of 0.46% CuEq**
- This copper dominant porphyry mineralization remains wide open, including at depth.

Chairman & CEO, Gary Thompson, stated, “*We are excited to see the potential scale emerge of the Camp Creek Porphyry Target. The distance between these two reported holes is 420m. Drill hole 213 was collared 235m west-southwest of the collars for 201-184 and drill hole 231 was collared 280m north from the collars for 201-184. Mr. Thompson further stated that, “we have yet to process all of the 2022 data and convene our maiden technical committee meeting with BHP but one of the 2023 exploration objectives may be to identify the high-grade copper core of the Camp Creek porphyry and to test the limits of the mineralized system.”*”

Figure 1. Location Map of the Camp Creek Target and Copper Geochemistry.



The Camp Creek acid-sulphate alteration and geochemical expression further to the east-northeast is covered and unconformably overlain by a late rhyolite flowdome complex, which suggests the porphyry mineralization may continue under this volcanic cover (see Figure 1) providing for a 1km by 2km porphyry target area.

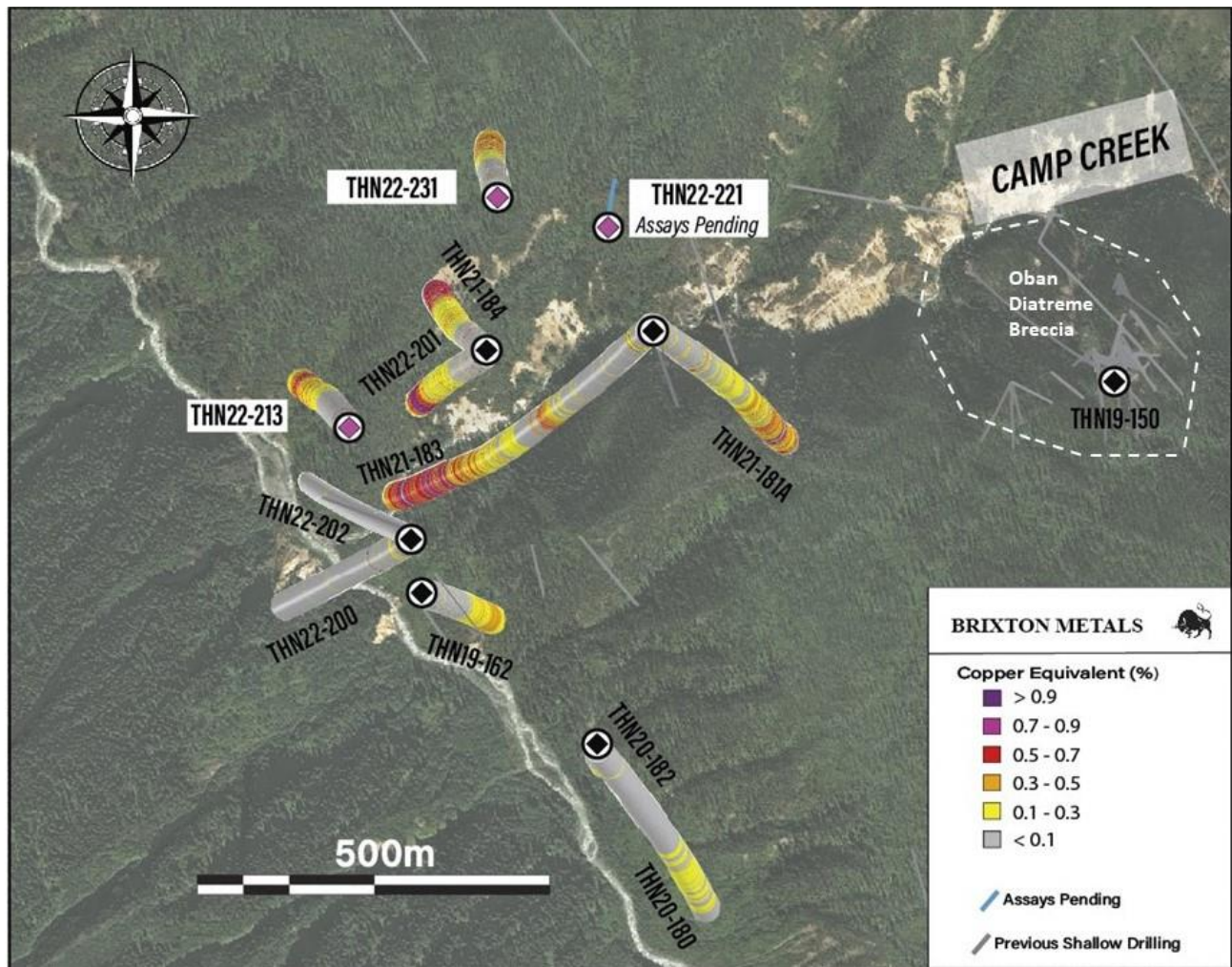
Table 1. Select Intervals of Mineralization in Holes THN22-213 and THN22-231.

Hole ID	From (m)	To (m)	Interval (m)	Cu (%)	Au (g/t)	Ag (g/t)	Mo (ppm)	CuEq (%)*
<b>THN22-213</b>	64.50	75.00	10.50	0.91	0.51	24.40	1.70	1.36
	534.00	1243.00	709.00	0.24	0.06	2.42	140.54	0.34
<i>including</i>	697.00	1181.00	484.00	0.29	0.07	2.99	158.95	0.41
<i>including</i>	790.00	1152.00	362.00	0.33	0.08	2.63	159.78	0.44
<i>including</i>	938.00	1040.15	102.15	0.48	0.09	3.82	174.32	0.61
<i>including</i>	976.00	1040.15	64.15	0.53	0.09	4.03	176.40	0.65
<b>THN22-231</b>	519.50	1297.58	778.08	0.20	0.05	2.03	145.90	0.30
<i>including</i>	766.00	1297.00	531.00	0.25	0.06	2.41	178.31	0.36
<i>including</i>	1045.00	1147.00	102.00	0.34	0.07	2.92	192.37	0.46

All assay values are uncut weighted averages. Intervals reflect drilled intercept lengths as further drilling is required to determine the true widths of the mineralization.

\*Copper Equivalent (CuEq) is calculated based on US\$ 4.30/lb Cu, US\$ 1820.00/oz Au, US\$ 23.80/oz Ag, US \$18.00/lb Mo. These prices represent the approximate one year trailing moving averages of metal prices and calculations assume 95% recovery. The formula is:  $CuEq \% = (Cu \% + (0.617248 * Au \text{ g/t}) + (0.008072 * Ag \text{ g/t}) + (0.000419 * Mo \text{ ppm})) * 0.95$ .

Figure 2. Drill Collar Location Map for the Camp Creek Porphyry with Copper Equivalent Values.



Vice President of Exploration, Christina Anstey, stated, “We are encouraged by the large-scale potential of the Camp Creek Copper Porphyry Target. We collected a molybdenite sample for age dating (pending) from hole 150 which was drilled to 829m in the Oban Diatreme Breccia (see Figure 2 and 3) where considerable mineralized (chalcopyrite-molybdenite) porphyry clasts were identified. This is important for a few reasons: one is that hole 150 is collared 1000m east from hole 213 and we have yet to make the connection genetically or physically from the mineralized diatreme to the porphyry; and two, if we can make this link through age dating then it really opens up the eastern potential of the target which has not been drilled at depth.”



## Discussion

The objective of holes THN22-213 and THN22-231 was to test the mineralization west and north of THN22-201 (967.71m of 0.39% CuEq) and THN21-184 (821.25m of 0.38% CuEq). The distance between hole 213 and 231 is 420m. Both holes reached depths over 1200m, intersecting hundreds of meters of mineralized Porphyry X and hornfels sediments and ended in mineralization. Calc-alkalic porphyry Cu-Au-Ag-Mo mineralization at the Camp Creek target is disseminated and within quartz-anhydrite veins and as chalcopyrite-molybdenite veins-veinlets. Mineralization is hosted within Porphyry X, a crowded plagioclase porphyry of Cretaceous age (85.1Ma +/- 1.1Ma), characterized by well-defined stacked biotite, a feature typical of mineral-related porphyry phases. Mineralization is also hosted in hornfels of Triassic Stuhini Group sedimentary rocks, which are intruded by the porphyry phases.

Hole THN22-213 was collared 235 meters west-southwest of THN22-201 and THN21-184, reaching a total depth of 1243m. Porphyry X was first intersected at 608 meters and short alternating sequences of mineralized hornfels sediments and Porphyry X continued to the end depth. Overall, the mineralized zone was 709.00 meters grading 0.34% CuEq (0.24% Cu, 0.06 g/t Au, 2.4 g/t Ag and 141 ppm Mo), including a 64.15m enriched zone of 0.65% CuEq (0.53% Cu, 0.09 g/t Au, 4.0 g/t Ag, 176 ppm Mo) centered on a 30 meters interval of chlorite-sericite altered Porphyry X.

Hole THN22-231 was collared 280 meters north of THN22-201 and THN21-184, reaching a total depth of 1297.58m. The mineralized zone was from 519.50 meters depth with grades of 0.30% CuEq (0.20% Cu, 0.05 g/t Au, 2.0 g/t Ag, 146 ppm Mo) over 778.08m, including 0.46% CuEq (0.34% Cu, 0.07 g/t Au, 2.9 g/t Ag, 192 ppm Mo) over 102.00m.

Assays are pending for hole THN22-221, which is located 275m northeast from collar THN22-201. Hole THN22-221 was drilled to a depth of 1375.13m, which ended in visibly similar porphyry mineralization hosted in Porphyry X and hornfels sediments. (See Figure 2 for collar locations).

The cross-section view to the Southeast in Figure 3 represents all of the deep holes in the Camp Creek to date. It may appear that some of the holes are overlapping, but note the scale of the slice is greater than one kilometer and the reader should see Figure 2 for the considerable distances from each of the drill collars.

Figure 3. Cross Section of Holes THN22-213 and THN22-231.

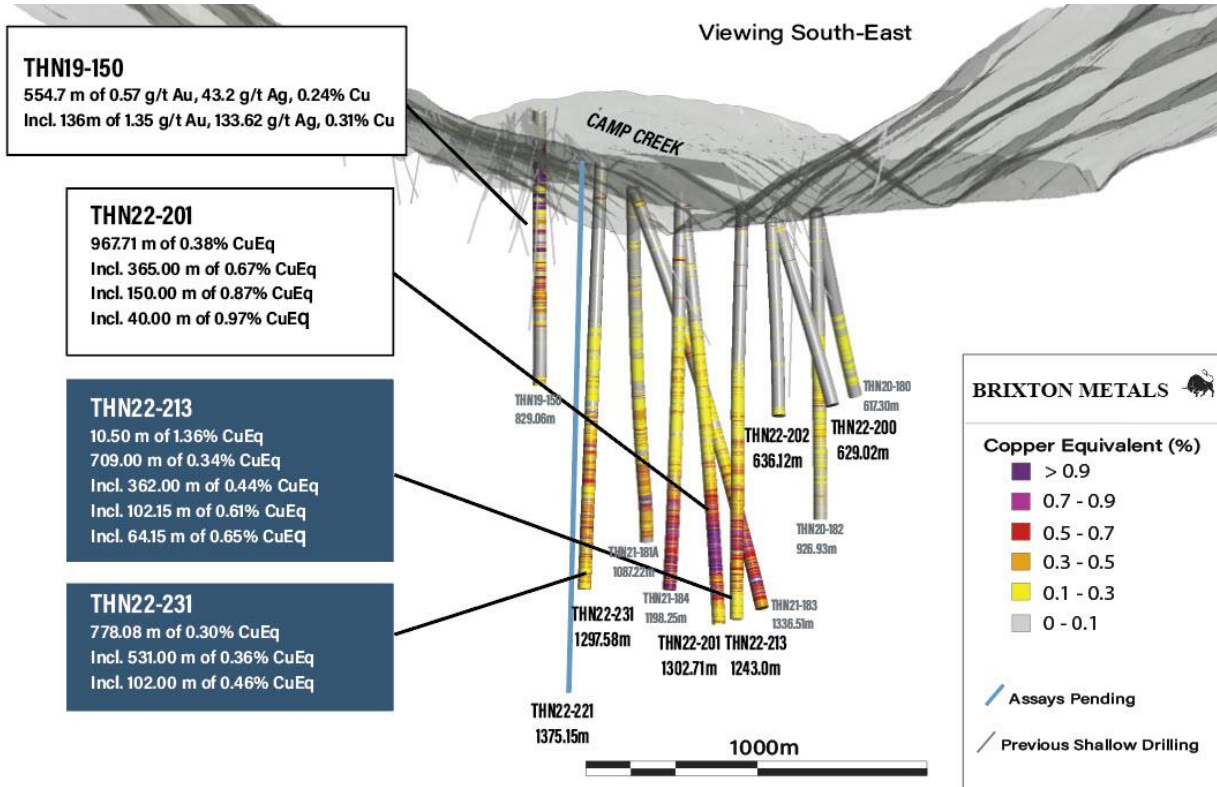


Figure 4. NQ Core Photographs of Mineralization in Hole THN22-213.

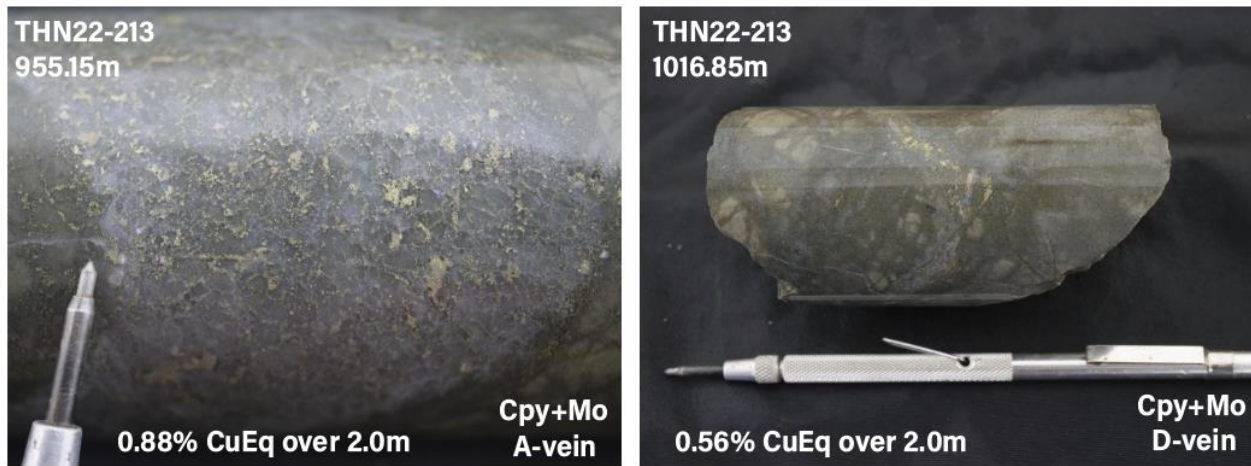


Figure 5. NQ Core Photographs of Mineralization in Hole THN22-213.

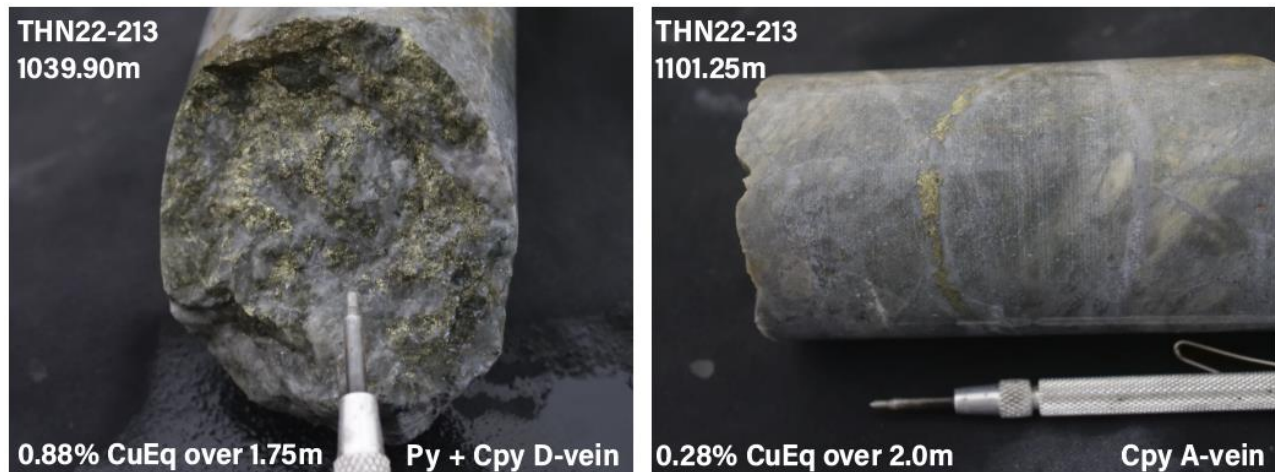
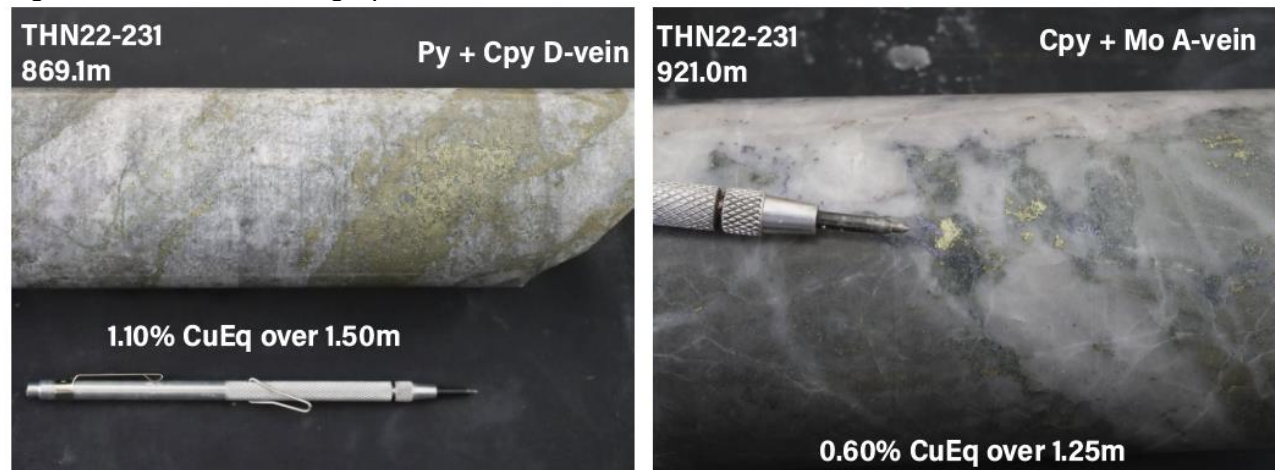


Figure 6. NQ Core Photographs of Mineralization in Hole THN22-231.



## 2022 Thorn Project Exploration Summary

A total of 18,122 meters were drilled during the 2022 season, including 6,484m at the Camp Creek Porphyry Target and 9,119m at the Trapper Target. A total of 520 rocks and 1,157 soil samples were collected with a primary focus on the Metla and Trapper Targets, in addition to the East Copper Target and the Val Copper Target. A total combined 1,229 line-kilometres of airborne magnetics and radiometrics were flown over the Metla, Trapper, Val and East Targets. The drill program started in May and was completed in late October.

Table 2. Drill Collar and Hole Information for this News Release.

Thorn Drill Holes: This Release								
Hole ID	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth	Zone	Status
THN22-213	627659	6491855	626	320	-85	1243.00	Camp Creek	Current Release
THN22-231	627863	6492224	772	350	-87	1297.58	Camp Creek	Current Release
Total Meters						2540.58		



Table 3. Drill Collar and Hole Information for 2022.

Thorn Drill Holes: Previously Released								
Hole ID	Easting	Northing	Elevation (m)	Azimuth	Dip	Depth	Zone	Status
THN22-200	627774	6491687	619	241	-69	629.02	Camp Creek	No Significant Results
THN22-201	627871	6491942	670	239	-83	1302.71	Camp Creek	Reported August 16, 2022
THN22-202	627774	6491690	613	290	-76	636.12	Camp Creek	No Significant Results
THN22-203	630221	6485567	1336	6	-44	242.93	Trapper	Reported July 6, 2022
THN22-204	630222	6485571	1340	7	-80	282.55	Trapper	Reported July 6, 2022
THN22-205	630222	6485567	1332	7	-67	303.89	Trapper	Reported July 6, 2022
THN22-206	630339	6485539	1305	0	-50	338.02	Trapper	Reported August 31, 2022
THN22-207	630339	6485539	1305	0	-76	232.26	Trapper	Reported August 31, 2022
THN22-208	630288	6485547	1326	1	-64	258.47	Trapper	Reported August 31, 2022
THN22-209	630287	6485550	1321	1	-80	218.54	Trapper	Reported August 31, 2022
THN22-210	630288	6485548	1325	3	-44	160.62	Trapper	Reported December 20, 2022
THN22-211	629439	6486984	913	193	-71	496.47	Nemo	Reported December 20, 2022
THN22-212	633059	6490359	1589	189	-58	363.00	Outlaw	Reported December 20, 2022
THN22-214	633058	6490360	1588	180	-83	378.00	Outlaw	Reported December 20, 2022
THN22-215	632153	6490361	1857	200	-79	296.75	Outlaw	Reported December 20, 2022
THN22-216	630191	6485699	1295	189	-52	200.50	Trapper	Reported December 20, 2022
THN22-217	630191	6485699	1295	214	-55	163.14	Trapper	Reported December 20, 2022
THN22-218	630191	6485699	1295	215	-70	163.07	Trapper	Reported December 20, 2022
THN22-219	630194	6485700	1296	138	-51	184.40	Trapper	Reported December 20, 2022
THN22-224	629950	6485528	1278	136	-45	86.87	Trapper	Reported December 20, 2022
THN22-225	630505	6485896	1112	99	-54	106.61	Trapper	Reported December 20, 2022
THN22-226	630507	6485900	1132	127	-65	135.03	Trapper	Reported December 20, 2022
THN22-245	630349	6485430	1303	8	-60	223.42	Trapper	Reported December 20, 2022
THN22-247	630349	6485430	1301	7	-81	114.60	Trapper	Reported December 20, 2022
THN22-252	630302	6485457	1310	2	-63	182.27	Trapper	Reported December 20, 2022
THN22-254	630410	6485436	1276	26	-76	108.50	Trapper	Reported December 20, 2022
THN22-255	630303	6485455	1316	26	-44	331.01	Trapper	Reported December 20, 2022
THN22-257	630410	6485436	1276	5	-76	93.57	Trapper	Reported December 20, 2022
Total Meters						8232.34		

### About the Thorn Project

The wholly-owned 2,863 square kilometer Thorn Project is located in northwestern British Columbia at the northern trend of the Golden Triangle, Canada, approximately 90 km northeast of Juneau, Alaska. The Thorn Project hosts a district-scale 80km megatrend of Triassic to Eocene, volcano-plutonic complex with several styles of mineralization related to porphyry and epithermal environments. Fourteen large-scale copper-gold targets have been identified for further exploration. Information on each of the targets may be found at the following link: <https://brixtonmetals.com/thorn-gold-copper-silver-project/>

### Quality Assurance & Quality Control

Quality assurance and quality control protocols for drill core sampling was developed by Brixton. The gold, silver, copper, lead, zinc, and molybdenum duplicate assay results are well correlated, and it is the Qualified Person's opinion that strong precision is inferred within the reported analytical results. Core samples were taken between 0.5m and 2.5m intervals based on lithology and mineralization. Blank, duplicate (lab pulp) and certified reference materials were inserted into the sample stream for



at least every 20 drill core samples. Core samples were cut, bagged, zip-tied and sent directly to ALS Minerals preparation facility in Whitehorse, Yukon. ALS Minerals Laboratories is registered to ISO 9001:2008 and ISO 17025 accreditations for laboratory procedures. Samples were analyzed at ALS Laboratory Facilities in North Vancouver, British Columbia for gold by fire assay with an atomic absorption finish, whereas Ag, Pb, Cu and Zn and 48 additional elements were analyzed using four acid digestion with an ICP-MS finish. The 2022 Thorn project analytical results have been determined to be high quality and have passed this QAQC review.

The standards, certified reference materials, were acquired from CDN Resource Laboratories Ltd., of Langley, British Columbia and the standards inserted varied depending on the type and abundance of mineralization visually observed in the primary sample. Blank material used consisted of non-mineralized siliceous landscaping rock. A copy of the QAQC protocols can be viewed at the Company's website.

### **Qualified Person**

Mr. Corey A. James, P.Geo., is a Senior Project Geologist for the Company who is a qualified person as defined by National Instrument 43-101. Mr. James has verified the data disclosed in this press release, including the sampling, analytical and test data underlying the information and has approved the technical information in this press release.

### **About Brixton Metals Corporation**

Brixton Metals is a Canadian exploration company focused on the advancement of its mining projects toward feasibility. Brixton wholly owns four exploration projects: Brixton's flagship Thorn copper-gold-silver-molybdenum Project, the Hog Heaven copper-silver-gold Project in NW Montana, USA (Optioned to Ivanhoe Electric Inc., NYSE: IE), the Atlin Goldfields Projects located in NW BC (Optioned to Pacific Bay Minerals, TSXV: PBM) and the Langis-HudBay silver-cobalt-nickel Project in Ontario. Brixton Metals Corporation shares trade on the TSX-V under the ticker symbol **BBB**, and on the OTCQB under the ticker symbol **BBBXF**. For more information about Brixton, please visit our website at [www.brixtonmetals.com](http://www.brixtonmetals.com).

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