

FORM 51-102F3
MATERIAL CHANGE REPORT

1. Name and Address of Company:

Trailbreaker Resources Ltd.
650 W. Georgia Street, #2110
Vancouver, British Columbia
V6B 4N9

2. Date of Material Change:

The material change described in this report occurred on November 28th, 2022

3. News Release:

On November 28, 2022, Trailbreaker Resources Ltd. ("**Trailbreaker**" or the "**Company**") issued a news release through the facilities of Global Newswire.

4. Summary of Material Change:

The Company announced the discovery of new gold zone at Atsutla Gold Project, expanding mineralization at Swan Zone.

5. Full Description of Material Change:

On November 28, 2022, the Company announced the results of the 2022 exploration program at its 100%-owned Atsutla Gold project, located in northwestern British Columbia (BC).

First-pass prospecting on newly staked claims has led to the discovery of high-grade gold mineralization 3.5 km northeast of the Highlands zone, in an area now termed the 'Snook zone'. Assays of rock grab samples returned values up to **53.3 g/t gold** (Au) from quartz vein talus boulders with galena-bornite-chalcopyrite mineralization.

Twenty-four kilometres east of the Highlands and Snook zones, follow-up prospecting and soil sampling at the Swan zone revealed a new gold-in-soil anomaly. This is located about one kilometre northeast of the 900 m x 700 m multi-element anomaly representing the surface expression of a porphyry centre defined in 2021. This new anomaly is about 559 metres long, with values up to 268 ppb Au. Assays of rock grab samples from the Swan zone yielded values up to 11.7 g/t Au and 212 g/t silver (Ag) (separate samples).

Between the Swan and Snook zones lies a large area of un-explored ground. First-pass prospecting in the Shownektaw Creek area led to the discovery of multiple new gossanous alteration zones within the Christmas Creek Batholith. A grab sample of gossanous talus float returned an assay of 22.1 g/t Au.

The 2022 exploration program also included detailed structural and geological mapping at the four high-grade gold zones discovered and defined in 2021, with a focus on drill target generation. Thirty-one samples were sent for petrographic analysis to aid in determining

the nature of the widespread gold mineralization. This independent structural report remains outstanding, and the Company will issue another press release providing the results once received.

Daithi Mac Gearailt, CEO of Trailbreaker, commented, “*The Atsutla Gold Project continues to deliver new and exciting discoveries. We have now identified high-grade gold showings across 28 kilometers, spanning multiple lithologies. With these new results and the pending detailed geological report, I am confident that we will have a de-risked drill plan in hand by the end of the year.*”

Newly discovered Snook zone

The Snook zone is located 3.5 km northeast of the Highlands zone – a 2021 discovery consisting of multiple high-grade and visible gold showings (>100 g/t Au) across a 750 m x 600 m area ([see Map 1 – Atsutla West](#)). A previously identified prominent east-west trending fault (the Snook Fault) defines the southern boundary of the zone and cuts through Snook Lake. At least two generations of quartz veining were identified at the Snook zone. The earlier set comprises steeply dipping sheeted veins which are crosscut by later shallow-dipping veins. Sulphide mineralization consists of variable amounts of pyrite, bornite, chalcopyrite, galena, and arsenopyrite. Galena and arsenopyrite appear to be constrained to the later set of quartz veining. The veining occurs within granodiorite of the early Jurassic Christmas Creek Batholith. Highlights include:

- 53.3 g/t Au from a quartz vein boulder with galena-chalcopyrite mineralization (Photo 1);
- 7.55 g/t Au from an outcrop of sheeted quartz veins typically 5-10 cm wide with chalcopyrite-pyrite mineralization (Photo 2);
- 9.78 g/t Au from a quartz vein boulder with arsenopyrite-pyrite mineralization south of the Snook Fault.



Photos 1 and 2: Snook zone quartz-galena-chalcopyrite boulder assaying 53.3 g/t Au (left) and sheeted quartz-chalcopyrite-pyrite veins assaying 7.55 g/t Au.

An Option Agreement has been signed with Mr. Torrey Fredlund (the “Vendor”) for Trailbreaker to obtain a 100% interest in his ‘Golden Echelon’ claim block located between the Snook and Highland zones. The block consists of one claim covering 132 hectares. Prior to the 2022 exploration program, an agreement was made allowing for Trailbreaker to explore and evaluate the claim block before finalizing an option agreement.

Pursuant to the terms of the Option Agreement and subject to receipt of all regulatory approvals, Trailbreaker can earn a 100% interest in the Property by making staged share issuances totaling 80,000 common shares over three years and a making a one-time cash payment of \$25,000 as follows:

- 10,000 common shares on receipt of TSX Venture Exchange approval;
- 10,000 common shares on or before November 16, 2023;
- 10,000 common shares on or before November 16, 2024; and
- 50,000 common shares and \$25,000 cash payment on or before November 16, 2025.

The Vendor will retain a 1% Net Smelter Royalty and Trailbreaker has the right to buy back the 1% NSR within a two-year period from the exercise of the option for a cash payment of \$50,000 and issuance of 100,000 common shares.

Swan zone follow-up and reconnaissance sampling

The 2022 work program included follow-up and reconnaissance exploration at the Swan zone ([see Map 2 – Swan](#)). The Swan zone area was initially staked by Trailbreaker to cover a historical molybdenum-copper porphyry prospect that was discovered in the late 1960s and explored periodically since then. Despite the collection of more than 500 soil and surface rock samples, and the completion of almost 1,000 metres of shallow diamond drilling, no geochemical analysis for gold was done before Trailbreaker staked the area.

In 2021, Trailbreaker identified a 900 m x 700 m gold (Au) – arsenic (As) – silver (Ag) – antimony (Sb) – copper (Cu) – molybdenum (Mo) – lead (Pb) soil anomaly, with multiple gold and silver showings in bedrock. The core of the soil anomaly is located ~1.2 km east of the historical drilling.

Exploration in 2022 led to the discovery of additional gold mineralization within the soil anomaly, whereby assaying of rock grab samples returned values up to 11.7 g/t Au, 212 g/t Ag, and 0.12% Cu. Gold is associated primarily with disseminated and massive arsenopyrite mineralization within a porphyritic leucogranite unit of the Upper Cretaceous Glundebery Batholith.

A reconnaissance soil sample line identified a new 550-metre-long gold anomaly located 1 km east of the main Swan zone anomaly. Assaying of soil samples yielded values up to 268 ppb Au within this new anomaly.

First-pass prospecting was conducted on a ridge 2 km west of the Swan zone, across the valley from where the historic diamond drilling was conducted. Multiple new quartz-arsenopyrite showings were identified, and assays returned values up to 0.79 g/t Au.

About the Atsutla Gold Project

Trailbreaker's 100%-owned Atsutla Gold project is located 70 km south of the Yukon-British Columbia border and 130 km northwest of the community of Dease Lake, BC. The project covers **40,057 hectares** of ground with very limited historic exploration. The project represents a district-scale discovery in an under-explored area of British Columbia.

To date, Trailbreaker has identified five gold zones at Atsutla: The Highlands, Christmas Creek, Snook, Willie Jack, and Swan zones, which span a distance of 28 kilometres. The highest grades occur at the Highlands zone, where grab samples have returned values up to **630 g/t (18.38 oz/ton) gold** and **1,894 g/t (55.25 oz/ton) silver**. High-grade, vein- and wallrock-hosted copper mineralization has also been discovered in the Highlands, Christmas Creek, and Willie Jack zones, with grab sample assays up to **1.7% copper**. For more information and detailed maps, see the [Atsutla Gold Project section](#) on Trailbreaker's website.

Message from the President

“The Atsutla Gold project is district-scale discovery with not only the gold-bearing copper porphyry model at Swan but also a large robust high-grade gold system at the Highlands, Christmas Creek, and Snook zones. We own it 100%, it's brand-new and begging to be drilled!”

6. Reliance on Subsection 7.1(2) of National Instrument 51-102

Not applicable.

7. Omitted Information:

Not applicable.

8. Executive Officer:

For further information, contact Lucy Zhang, CFO of the Company at 604-681-1820.

9. Date of Report:

November 28, 2022