

# Benz Secures Tenure as Part of Upper Eastmain Greenstone Belt Consolidation

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## HIGHLIGHTS

- Benz footprint expanded with acquisition of Windy Mountain Project, a western extension of Upper Eastmain Greenstone Belt
- 69 new claims granted over 36km<sup>2</sup> of prospective tenure, adding approximately 10km additional greenstones strike to the Benz portfolio
- Sulphides (amenable to detection by electromagnetics) identified in outcrops associated with deformed and altered gabbro with quartz veins; outcropping altered metasediments also observed
- Historical surface samples show anomalous nickel and copper assays in trench samples returning 0.08% Cu, 0.9% Zn, 0.05% Ni, and 0.8g/t Ag and 0.02% Cu, 0.02% Ni and 0.03% Co
- Pegmatites were identified at several localities - samples collected; assays pending

Toronto, October 28, 2021 - [Benz Mining Corp.](#) (TSXV: BZ) (ASX: BNZ) (the Company or Benz) is pleased to announce the recent granting from application of additional prospective ground adjacent to its Ruby Hill West Project. The newly acquired tenement package contains 69 claims covering 36km<sup>2</sup>, increasing Benz' dominant Upper Eastmain land position to 256km<sup>2</sup>.

CEO Xavier Braud commented: "Our strategy is to fast-track growth through discovery, and by rapidly expanding our footprint in a district where we have already made several mineralised discoveries, we lay the foundations for continued success. What is exciting is that the Upper Eastmain greenstone belt is proving to not only be highly prospective for gold, but also for nickel, copper, lithium. We are fortunate to have consolidated an enviable and dominant land position covering the mineralised district."

Figure 1: Windy Mountain and Ruby Hill West Projects with recorded mineral occurrences.

To view an enhanced version of Figure 1, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_a44bc956e447593a\\_001full.jpg](https://orders.newsfilecorp.com/files/1818/101115_a44bc956e447593a_001full.jpg)

CEO Xavier Braud commented: "Our analysis of historical work conducted in the Windy Mountain area revealed recorded mineral occurrences coincident with the geology at Ruby Hill West. We were fortunate that this area was not under claim as there has been a lot of tenure activity in the area following our success at Eastmain. With this addition, we bolt on an additional 10km of prospective strike.

"We have always held the belief that the Upper Eastmain Greenstone Belt has the potential to host its own mining camp with possibly several deposits and commodities such as gold, nickel, copper and lithium, just like many other Archean greenstone belts in the world.

"The presence of pyrrhotite associated with favourable rock types in the Windy Mountain area is a great sign as we know we can track this mineral with electromagnetics, a methodology we have successfully employed at our high-grade Eastmain Gold Project.

"Controlling a large portion of a greenstone belt bolsters our opportunity for discovery. In addition to the Eastmain gold deposit and the lithium bearing pegmatite at Ruby Hill West, we also have multiple base and precious metals occurrences at Ruby Hill East and West. With the addition of Windy Mountain, we have one more metallic occurrence and several pegmatite outcrops.

"Our team has already done a reconnaissance prospecting campaign to the area and collected multiple grab samples of all styles of mineralisation on outcrops and blocs. During this campaign, our teams have also identified occurrences of pegmatite. This is a welcome surprise and confirms the potential of the area for lithium mineralisation, a potential which we shall fully investigate in parallel with our gold drilling."

Figure 2: Upper Eastmain Greenstone Belt simplified geology, Benz tenure in blue, newly acquired Windy Mountain Project in red.

To view an enhanced version of Figure 2, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_a44bc956e447593a\\_002full.jpg](https://orders.newsfilecorp.com/files/1818/101115_a44bc956e447593a_002full.jpg)

Figure 3: Sampling pegmatite outcrop at Windy Mountain.

To view an enhanced version of Figure 3, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_a44bc956e447593a\\_003full.jpg](https://orders.newsfilecorp.com/files/1818/101115_a44bc956e447593a_003full.jpg)

Figure 4: Pegmatite Outcrop at Windy Mountain.

To view an enhanced version of Figure 4, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_a44bc956e447593a\\_004full.jpg](https://orders.newsfilecorp.com/files/1818/101115_a44bc956e447593a_004full.jpg)

Figure 5: Sulphide mineralisation in outcrop at Windy Mountain.

To view an enhanced version of Figure 5, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_benzfigure5.jpg](https://orders.newsfilecorp.com/files/1818/101115_benzfigure5.jpg)

Figure 6: Quartz Sulphide vein in mafic host rock at Windy Mountain.

To view an enhanced version of Figure 6, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_benzfigure6.jpg](https://orders.newsfilecorp.com/files/1818/101115_benzfigure6.jpg)

About Benz Mining Corp.

[Benz Mining Corp.](#) (TSXV: BZ) (ASX: BNZ) brings together an experienced team of geoscientists and finance professionals with a focused strategy to acquire and develop mineral projects with an emphasis on safe, low risk jurisdictions favourable to mining development. Benz is earning a 100% interest in the former producing high grade Eastmain gold mine, Ruby Hill West and Ruby Hill East projects in Quebec and owns 100% of the Windy Mountain Project.

About the Eastmain Gold Project

The Eastmain Gold Project, situated on the Upper Eastmain Greenstone Belt in Quebec, Canada, currently hosts a NI 43-101 and JORC (2012) compliant resource of 376,000oz at 7.9gpt gold (Indicated: 236,500oz at 8.2gtp gold, Inferred: 139,300oz at 7.5gtp gold). The existing gold mineralisation is associated with 15-20%

semi-massive to massive pyrrhotite, pyrite and chalcopyrite in highly deformed and altered rocks making it amenable to detection using electromagnetic techniques. Multiple gold occurrences have been identified by previous explorers over a 10km long zone along strike from the Eastmain Mine with very limited but highly encouraging testing outside the existing resource area. Benz has subsequently identified over 150 DHEM conductors over a strike length of 6km which is open in all directions.

Figure 7: Benz tenure over Upper Eastmain Greenstone Belt simplified geology.

To view an enhanced version of Figure 7, please visit:

[https://orders.newsfilecorp.com/files/1818/101115\\_a44bc956e447593a\\_007full.jpg](https://orders.newsfilecorp.com/files/1818/101115_a44bc956e447593a_007full.jpg)

This press release was prepared under supervision and approved by Dr. Danielle Giovenazzo, P.Geo, acting as Benz's qualified person under National Instrument 43-101.

Approved for release by the Board of [Benz Mining Corp.](#)

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Forward-Looking Information: Certain statements contained in this news release may constitute "forward-looking information" as such term is used in applicable Canadian securities laws. Forward-looking information is based on plans, expectations and estimates of management at the date the information is provided and is subject to certain factors and assumptions, including, that the Company's financial condition and development plans do not change as a result of unforeseen events and that the Company obtains regulatory approval. Forward-looking information is subject to a variety of risks and uncertainties and other factors that could cause plans, estimates and actual results to vary materially from those projected in such forward-looking information. Factors that could cause the forward-looking information in this news release to change or to be inaccurate include, but are not limited to, the risk that any of the assumptions referred to prove not to be valid or reliable, that occurrences such as those referred to above are realized and result in delays, or cessation in planned work, that the Company's financial condition and development plans change, and delays in regulatory approval, as well as the other risks and uncertainties applicable to the Company as set forth in the Company's continuous disclosure filings filed under the Company's profile at [www.sedar.com](http://www.sedar.com). The Company undertakes no obligation to update these forward-looking statements, other than as required by applicable law.

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JORC Competent Person's Statements: The information in this report that relates to Exploration Results is based on and fairly represents information and supporting information compiled by Mr Xavier Braud, who is a member of the Australian Institute of Geoscientists (AIG membership ID:6963). Mr Braud is a consultant to the Company and has sufficient experience in the style of mineralization and type of deposits under consideration and qualifies as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Braud holds securities in

[Benz Mining Corp.](#) and consents to the inclusion of all technical statements based on his information in the form and context in which they appear.

The information in this announcement that relates to the Inferred Mineral Resource was first reported under the JORC Code by the Company in its prospectus released to the ASX on 21 December 2020. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and confirms that all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

## Appendix 1: JORC Tables

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation
Sampling techniques	<ul style="list-style-type: none"> <li>● Nature and quality of sampling (eg cut channels, random chip measurement tools appropriate to the minerals under investigation or handheld XRF instruments, etc). These examples should not be taken as a guide of sampling.</li> <li>● Include reference to measures taken to ensure sample representativeness of any measurement tools or systems used.</li> <li>● Aspects of the determination of mineralisation that are Material to the Resource Estimate.</li> <li>● In cases where 'industry standard' work has been done this would include whether 'industry standard' (eg reverse circulation drilling (where the reverse circulation results have been determined as being not applicable) or where appropriate, results from open-hole drilling (where the open-hole drilling results have been determined as not applicable)). In other cases more explanation may be required (eg where the nature of the commodity being targeted is such that it has inherent sampling problems. Unusual commodity types (eg nodules) may warrant disclosure of detailed information.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>● Drill type (eg core, reverse circulation, open-hole hammer, rotary air leg, etc) and details (eg core diameter, triple or standard tube, depth of penetration, etc), whether core is oriented and if so, by what method, etc.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>● Method of recording and assessing core and chip sample recoveries.</li> <li>● Measures taken to maximise sample recovery and ensure representativeness of all material intersected.</li> <li>● Whether a relationship exists between sample recovery and whether the relationship is considered to be significant.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>● Whether core and chip samples have been geologically and geotechnically logged to support appropriate Mineral Resource estimation, mining studies and/or mine design.</li> <li>● Whether logging is qualitative or quantitative in nature. Core logs should detail sample locations and depths.</li> <li>● The total length and percentage of the relevant intersections.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>● If core, whether cut or sawn and whether quarter, half or all core was used.</li> <li>● If non-core, whether riffled, tube sampled, rotary split, etc and whether sampling technique is appropriate to the grain size of the commodity.</li> <li>● For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>● Quality control procedures adopted for all sub-sampling stages to minimise bias and ensure the reliability of the results.</li> <li>● Measures taken to ensure that the sampling is representative of the material from which the sample is taken (for instance results for field duplicate/second-half sampling).</li> <li>● Whether sample sizes are appropriate to the grain size of the commodity.</li> </ul>

Criteria	JORC Code explanation
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>● The nature, quality and appropriateness of the assaying and the technique is considered partial or total.</li> <li>● For geophysical tools, spectrometers, handheld XRF instruments determining the analysis including instrument make and model, applied and their derivation, etc.</li> <li>● Nature of quality control procedures adopted (eg standards, checks) and whether acceptable levels of accuracy (ie lack of established).</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>● The verification of significant intersections by either independent or qualified persons.</li> <li>● The use of twinned holes.</li> <li>● Documentation of primary data, data entry procedures, data verification (including but not limited to electronic) protocols.</li> <li>● Discuss any adjustment to assay data.</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>● Accuracy and quality of surveys used to locate drill holes (collar/spool location, orientation and other locations used in Mineral Resource estimation).</li> <li>● Specification of the grid system used.</li> <li>● Quality and adequacy of topographic control.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>● Data spacing for reporting of Exploration Results.</li> <li>● Whether the data spacing and distribution is sufficient to establish the degree of continuity appropriate for the Mineral Resource and Ore Resource classifications applied.</li> <li>● Whether sample compositing has been applied.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>● Whether the orientation of sampling achieves unbiased sampling results where this is known, considering the deposit type.</li> <li>● If the relationship between the drilling orientation and the orientation of the mineralisation has been considered, this should be considered to have introduced a sampling bias, this should be considered.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>● The measures taken to ensure sample security.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>● The results of any audits or reviews of sampling techniques and processes.</li> </ul>
Section 2 Reporting of Exploration Results	
(Criteria listed in the preceding section also apply to this section.)	

Criteria

JORC Code explanation

Mineral tenement and land tenure status

- Type, reference name/number, location and ownership of the mineral tenement, including any joint parties such as joint ventures, partnerships, over-leases, etc.
- The security of the tenure held at the time of reporting, including any environmental or wilderness or national park and environmental restrictions.
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Criteria

JORC Code explanation

Exploration done by other parties

● Acknowledgment and appraisal of exploration b

Geology

● Deposit type, geological setting and style of min

## Criteria

## JORC Code explanation

### Drill hole Information

- A summary of all information material to the understanding of the following information for all Material drill holes:
  - easting and northing of the drill hole collar
  - elevation or RL (Reduced Level - elevation above sea level) of the drill hole collar
  - dip and azimuth of the hole
  - down hole length and interception depth
  - hole length.
- If the exclusion of this information is justified on the basis of the JORC Code, the exclusion does not detract from the understanding of the results. The explanation must explain why this is the case.

### Data aggregation methods

- In reporting Exploration Results, weighting averaging techniques, short term truncations (eg cutting of high grades) and cut-off grades should be stated. If the grade results, the procedure used for such aggregations should be shown in detail.
- The assumptions used for any reporting of metal grades should be stated.

### Relationship between mineralisation widths and intercept lengths

- These relationships are particularly important in the case of high grade, narrow mineralisation.
- If the geometry of the mineralisation with respect to the intercept lengths is reported, it should be stated.
- If it is not known and only the down hole lengths are reported, the effect (eg 'down hole length, true width not known') should be stated.

### Diagrams

- Appropriate maps and sections (with scales) and diagrams should be included when a significant discovery being reported. These should show the locations of the drill holes and appropriate sectional views.

### Balanced reporting

- Where comprehensive reporting of all Exploration Results is required, both low and high grades and/or widths should be reported.

### Other substantive exploration data

- Other exploration data, if meaningful and material, should be reported, including geological observations; geophysical survey results; metallurgical test results; mineralogical characteristics; potential deleterious or contaminating substances.

### Further work

- The nature and scale of planned further work (eg, large-scale step-out drilling).
- Diagrams clearly highlighting the areas of possible interpretations and future drilling areas, provided they are not misleading.

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