

# Benz Mining: Multiple New Conductors Open Eastmain to the North

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## HIGHLIGHTS

- FLEM identify multiple conductors 2.5km north of the Eastmain Mine at Placer Lake
- Conductors extend over strike length of approximately 2km and coincident with historical rock chip samples of 8.3g/t gold at surface and untested by drilling
- Total strike length of conductors exceeds 6km highlighting the potential scale of the district
- In excess of 130 FLEM and DHEM modelled conductors have been identified by Benz Mining
- Placer Lake conductors will be tested as part of ongoing 50km fully funded drill program
- 2 drill rigs currently on-site drilling over 1,000m of core per week
- Additional FLEM survey underway covering another 3km of prospective strike to the west of Loop F

Toronto, May 26, 2021 - [Benz Mining Corp.](#) (TSXV: BZ) (ASX: BNZ) (the Company or Benz) is pleased to provide an update on the results of the latest Fixed Loop Electromagnetic (FLEM) surveys completed to date. FLEM surveys were recently completed to the north of the Eastmain Mine in an area surrounding Placer Lake prospect. FLEM Loop F has returned positive responses significantly expanding the potential footprint of the Eastmain project to the north into an area with sparse drilling that has not tested the FLEM conductors.

Figure 1: Eastmain project showing location of Loop F and new associated modelled conductors over simplified geology and gridded VTEM anomalies.

To view an enhanced version of Figure 1, please visit:  
[https://orders.newsfilecorp.com/files/1818/85308\\_85741fe61478396a\\_001full.jpg](https://orders.newsfilecorp.com/files/1818/85308_85741fe61478396a_001full.jpg)

Benz CEO, Xavier Braud, said

"The results from our electromagnetic surveys continue to deliver beyond all expectations on the Eastmain Gold Project. Since commencing our surveys less than 9 months ago, we have now identified in excess of 130 Fixed Loop and Down Hole modelled plates over a strike length of 6km, with several of these new conductors drilled discovering new gold bearing zones. Our exploration concept and methodology continue to show that this system has the potential to be significantly larger than the currently identified resource suggests and what was previously believed to have existed at Eastmain."

"We look forward to the continued work being done as part of our 50km fully funded drill program for 2021."

Extensive conductors at Placer Lake coincident with 8.3g/t gold surface rock sample

FLEM Loop F identified several FLEM conductors in the Placer Lake area. The prospect is located 2.5km from the Eastmain Mine on a parallel litho-structural trend.

The location of the newly defined conductors coincides with airborne VTEM anomalies identified from the survey flown in 2005.

Figure 2: FLEM loop F with newly modelled conductors over simplified geology and 2005 VTEM anomalies

and best gold drill hole intersections.

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

[https://orders.newsfilecorp.com/files/1818/85308\\_85741fe61478396a\\_002full.jpg](https://orders.newsfilecorp.com/files/1818/85308_85741fe61478396a_002full.jpg)

Several FLEM plates were modelled and are recognised in three main areas within this grid. There are only 2 historical holes drilled in the central area, however, these holes did not test the FLEM plates. High grade gold has been identified in the area with rock chips up to 8.3g/t gold above the conductors. The other FLEM anomalies further west and east have not been drilled. The modelled EM plates are shallow and show a steeper dip to the NE compared to the FLEM conductors found in the southern part of the Eastmain project.

Several historical drill holes have intersected high grade gold mineralisation within Loop F. For example, at the Meg Prospect, historical drilling has identified high grade gold mineralisation including 1.0m at 80.6g/t gold and 1.0m at 17.3g/t gold. Interestingly, this mineralisation was not identified in the recent FLEM program and represents another style of mineralisation present at Eastmain.

Ongoing work programs including mapping, soil surveys, surface sampling and drilling at Placer Lake will continue as part of the fully funded 50km drill program for 2021.

Figure 3: Schematic long section of the Eastmain project featuring existing resource envelope, best intersections pierce points, FLEM and DHEM conductors modelled to date. Note the new F loop conductors extending the strike covered by conductors to 6km.

To view an enhanced version of Figure 3 please visit:

[https://orders.newsfilecorp.com/files/1818/85308\\_85741fe61478396a\\_003full.jpg](https://orders.newsfilecorp.com/files/1818/85308_85741fe61478396a_003full.jpg)

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 8.2g/t gold, Inferred: 139,300oz at 7.5g/t gold). The existing gold mineralization 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.

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.

About Benz Mining Corp.

[Benz Mining Corp.](#) 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 Northern Quebec.

On behalf of the Board of Directors of [Benz Mining Corp.](#)  
Xavier Braud, CEO

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**NEITHER THE TSX VENTURE EXCHANGE NOR ITS REGULATION SERVICES PROVIDER (AS THAT TERM IS DEFINED IN THE POLICIES OF THE TSX VENTURE EXCHANGE) ACCEPTS RESPONSIBILITY FOR THE ACCURACY OR ADEQUACY OF THIS RELEASE.**

**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 include details 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.</li><li>● In cases where 'industry standard' work has been done this will normally include reverse circulation drilling was used to obtain 1 m samples from which were cut for fire assay and 10 cm for metal charge for fire assay'). In other cases more explanation may be required for gold that has inherent sampling problems. Unusual commodity or mineral 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, rock-auger, air core, etc) and details (eg core diameter, triple or standard tube, depth of penetration, whether cored or 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 recovery and measures taken to maximise sample recovery and ensure representative samples.</li><li>● Whether a relationship exists between sample recovery and assay results and whether any loss/gain of fine/coarse material occurred due to preferential loss/gain of fine/coarse material.</li></ul>
Logging	<ul style="list-style-type: none"><li>● Whether core and chip samples have been geologically and geographically logged to support appropriate Mineral Resource estimation, mining studies and environmental impact assessments.</li><li>● Whether logging is qualitative or quantitative in nature. Core logging details may include orientation, recovery and measurements.</li><li>● The total length and percentage of the relevant intersections logged.</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 cut.</li><li>● If non-core, whether riffled, tube sampled, rotary split, etc and whether oriented or not.</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.</li><li>● Measures taken to ensure that the sampling is representative of the material assayed, for instance results for field duplicate/second-half sampling.</li><li>● Whether sample sizes are appropriate to the grain size of the material being sampled.</li></ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"><li>● The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li><li>● For geophysical tools, spectrometers, handheld XRF instruments, etc, details of the instrument make and model, operating conditions, data processing applied and their derivation, etc.</li><li>● Nature of quality control procedures adopted (eg standards, blanks, duplicates, replicates, external checks) and whether acceptable levels of accuracy (ie lack of bias) are established.</li></ul>
Verification of sampling and assaying	<ul style="list-style-type: none"><li>● The verification of significant intersections by either independent or duplicate assay.</li><li>● The use of twinned holes.</li><li>● Documentation of primary data, data entry procedures, data transformations (eg from 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 and site surveys) 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>

Criteria

JORC Code explanation

Data spacing and distribution

- Data spacing for reporting of Exploration Results.
- Whether the data spacing and distribution is sufficient to establish the continuity appropriate for the Mineral Resource and Ore Reserve classifications applied.
- Whether sample compositing has been applied.

Orientation of data in relation to geological structure

- Whether the orientation of sampling achieves unbiased sampling, which is known, considering the deposit type.
- If the relationship between the drilling orientation and the orientation is considered to have introduced a sampling bias, this should be

Sample security

- The measures taken to ensure sample security.

Audits or reviews

- The results of any audits or reviews of sampling techniques and sample security.

## 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 all parties such as joint ventures, partnerships, overlying native title, wilderness or national park and environmental status.
- The security of the tenure held at the time of reporting including any licence to operate in the area.

Criteria

JORC Code explanation

Exploration done by other parties

- Acknowledgment and appraisal of exploration by other parties

Geology

- Deposit type, geological setting and style of mineralization

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)
  - 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 that the exclusion does not detract from the understanding, explain why this is the case.

Data aggregation methods

- In reporting Exploration Results, weighting average, truncations (eg cutting of high grades) and cut-off grade.
- Where aggregate intercepts incorporate short lengths of high grade results, the procedure used for such aggregations should be shown in detail.
- The assumptions used for any reporting of meta

Relationship between mineralisation widths and intercept lengths

- These relationships are particularly important in reporting Exploration Results.
- If the geometry of the mineralisation with respect to the orientation of the drill holes is such that significant widths are not reported.
- If it is not known and only the down hole lengths are reported, the effect (eg 'down hole length, true width not known).

Diagrams

- Appropriate maps and sections (with scales) and tables showing the locations of significant discovery being reported. These should include the collar locations and appropriate sectional views.

Balanced reporting

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

Other substantive exploration data

- Other exploration data, if meaningful and material, may be reported separately. This may include geological observations; geophysical survey results; results of sampling; method of treatment; metallurgical test results; bulk samples; characteristics; potential deleterious or contaminating factors.

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 these areas are material.

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