

Borealis Mining Drills 4.48 g/t Gold over 30.5 m Including 15.16 g/t Gold over 6.1 m in Oxides at Historical Cerro Duro Deposit

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[Borealis Mining Company Ltd.](#) (TSXV: BOGO) (FSE: L4B0) (the "Company" or "Borealis") is pleased to announce the assay results from several drillholes at the Cerro Duro and Jaime's Ridge ("JRCD") deposit areas completed as part of its ongoing drill program at its Borealis Gold Project in the Walker Lane trend of Nevada.

Drilling at the Cerro Duro and Jaimie's Ridge historical gold deposits has demonstrated large widths of highly consistent oxidized gold and silver epithermal mineralization within an extremely silicified and altered body of volcanic rock. Please see Figure 1 for a map of the Cerro Duro and Jaime's Ridge historical deposits relative to the current mine infrastructure, Figure 2 for a map of the drillhole collar locations, Figure 3 for a longitudinal section of several of the holes released, Table 1 for composites of significant Au & Ag assay results from bedrock, Table 2 for composites of significant Au & Ag assay results from historical dump and backfill materials, and Table 3 for drillhole coordinates.

Highlights of bedrock oxide intercepts, located directly below or adjacent to historic open pits, include:

- BMCD012 which returned 30.5 m of 4.48 g/t Au & 20.5 g/t Ag including 6.1 m of 15.16 g/t Au & 42.18 g/t Ag of oxide mineralization beginning at 27.4 metres;
- BMCD009 which returned 25.9 m of 0.67 g/t Au & 81.81 g/t Ag including 7.6 m of 1.12 g/t Au & 106.28 g/t Ag of oxide mineralization beginning at 6.1 metres;
- BMCD015 which returned 21.3 m of 0.58 g/t Au & 14.18 g/t Ag including 6.1 m of 1.03 g/t Au & 20.14 g/t Ag of oxide mineralization beginning at 6.1 metres; and
- DHBM001 which returned 8.1 m of 1.89 g/t Au & 13.30 g/t Ag of oxide mineralization beginning at 11.7 metres.

Iain Campbell, VP Exploration of Borealis, comments, "We're very pleased to see the drilling at the historical Cerro Duro gold deposit confirm, and, in some holes, dramatically exceed historical assay results in both grade and width, directly below and adjacent to the historic open pits. Of particular interest is hole BMCD012, which was drilled to increase the strike length adjacent to a historical intercept of 12.2 m of 3.75 g/t Au, which significantly improved upon the expected grade and width, returning 30.5 m of 4.48 g/t Au. In addition to the oxidized bedrock mineralization, drilling has confirmed that the historic backfill overburden and dumps contain appreciable gold mineralization that may provide additional heap-leachable material and minimize stripping costs in future mining scenarios. Results thus far suggest further drilling in and around the historical deposits and open pits at Borealis may lead to near-term expansion of the historically identified mineralization."

Highlights of historical backfill and dump intercepts, located above historic open pits, include:

- BMCD012 which returned 16.8 m of 0.54 g/t Au & 20.14 g/t Ag beginning at surface;
- BMCD015 which returned 6.1 m of 0.67 g/t Au & 15.00 g/t Ag beginning at surface; and
- BMJR001 which returned 9.1 m of 0.80 g/t Au & 11.72 g/t Ag beginning at surface.

The results in this release are largely related to the Cerro Duro historical gold deposit (documented in the current Borealis NI 43-101 Technical Status Report, filed on SEDAR+). The Cerro Duro historical gold

deposit is classified as a high-sulfidation epithermal system. It occurs within Miocene andesite volcanics and tuffaceous rocks from surface. Gold is closely associated with oxide mineralization, multi-phase hydrothermal breccias and intense silica alteration. The Cerro Duro deposit is situated on the western side of the Borealis property, west of Lucky Boy Pass (Figure 1). The focus of the drilling reported in today's release is confirmation and testing expansion and/or exploration targets around the western historical deposits on the Borealis project, as suggested by the authors of the current NI 43-101 Technical Report on the project in order to complete an updated resource statement. Borealis intends to continue this effort throughout 2025, focusing on the western portion of the project but also in and around the historical deposits at Borealis within the current permitted footprint.

The JRCD area, comprised of the Cerro Duro, Jaime's Ridge, and Purdy Peak historical deposits, is situated approximately two miles from the Borealis mine plan of operations and related infrastructure. The deposits were discovered in the 1980s and briefly mined towards the end of that decade. As identified in historical mineral resource statements and economic studies, including the 2011 pre-feasibility study completed by [Gryphon Gold Corp.](#), there are indications that significant oxide mineralization remains in place for future extraction. Within the JRCD area, the 2011 historical (and non-current under NI 43-101 standards) resource statement identified 95,600 ounces of gold and 476,500 ounces of silver in the Measured and Indicated categories at a grade of 0.87 g/t Au and 4.35 g/t Ag of oxide and transition material in bedrock at a cutoff grade of 0.22 g/t Au. Today's results confirm and expand upon that previously identified mineralization. Borealis is currently conducting baseline and engineering works with an aim to submit a permit application in early 2026 to the Bureau of Land Management.

Note: A Qualified Person has not completed sufficient work to classify the historical mineral deposits as current mineral resources or mineral reserves under NI 43-101. Borealis cautions that these estimates should not be considered as current and should not be relied upon but have been provided to show context on the potential size of the deposit. Borealis is not treating these estimates as current, and further exploration, drilling, and validation are required before they can be upgraded to current NI 43-101 standards.

Borealis will continue exploration drilling throughout 2025, focusing on expanding known mineralization and unlocking new high-grade zones within and around the permitted footprint. The confirmation of strong oxide gold intercepts, combined with the project's fully permitted infrastructure, positions Borealis for significant near-term growth.

"These results reinforce our belief that Cerro Duro, and the entirety of the Borealis Project, hold substantial untapped potential," added Kelly Malcolm, CEO of Borealis. "With further drilling planned and well-established mining infrastructure in place, we are excited about what's to come. We look forward to updating shareholders on additional pending drillholes and operational updates as we advance toward unlocking even greater value at the Borealis Project."

Figure 1: Plan map showing the locations of the Jaime's Ridge and Cerro Duro historic pit areas (in blue) relative to the Borealis Mine Complex, along with the proposed upgraded haul road (in pink).

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/9344/242949_c5adc819948858ed_001full.jpg

Figure 2: Plan map showing the locations of reported drillholes and the historical Jaime's Ridge and Cerro Duro pits.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/9344/242949_c5adc819948858ed_002full.jpg

Figure 3: Longitudinal section of a portion of today's results displayed with historical drill results. Section shown is 24 metres wide. Current drillholes are shown with wider red triangles at the collars. Previously mined historical drill intercepts have been removed.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/9344/242949_c5adc819948858ed_003full.jpg

Table 1: Composite Au & Ag assay results of significant intercepts of the reported drillholes within bedrock. True widths are estimated to be between 75 and 100% of reported widths, as determined by historical drill results and historical modelling, but accurate true widths are not known at this time.

BHID	From (m)	To (m)	Interval (m)	Au (ppm)	Ag (ppm)	Material
BMCD009	6.1	32.0	25.9	0.67	81.81	Oxide bedrock
including	6.1	13.7	7.6	1.12	106.28	Oxide bedrock
BMCD012	27.4	57.9	30.5	4.48	20.5	Oxide bedrock
including	47.2	53.3	6.1	15.16	42.18	Oxide bedrock
BMCD015	6.1	27.4	21.3	0.58	14.18	Oxide bedrock
including	21.3	27.4	6.1	1.03	20.14	Oxide bedrock
BMJR001	9.1	16.8	7.6	0.77	3.48	Oxide bedrock
DHBM001	11.7	19.8	8.1	1.89	13.30	Oxide bedrock

Table 2: Composite Au & Ag assay results of significant intercepts of the reported drillholes within dump and fill material from historical mining activities. True widths are estimated to be approximately 100% of reported widths.

BHID	From (m)	To (m)	Interval (m)	Au (ppm)	Ag (ppm)	Material
BMCD002	3.0	10.7	7.6	0.39	1.94	Dump
BMCD004	1.5	19.8	18.3	0.38	1.48	Dump
BMCD012	0.0	16.8	16.8	0.54	20.14	Backfill
BMCD015	0.0	6.1	6.1	0.67	15.00	Backfill
BMJR001	0.0	9.1	9.1	0.80	11.72	Backfill

Table 3: Coordinates and details of today's reported drill results

BHID	X	Y	Z	Length (m)	Azimuth	Dip	Target	Comment
DHBM001	437418	1333993	7312	1000	303.35	-62.61	Jaimie's Ridge confirmation	Re-drill of DHBM002.
DHBM002	437403	1334005	7311	167	301	-75	Jaimie's Ridge confirmation	Poor recovery in mineralized.
DHBM003	436875	1334768	7447	367	157	-54	Jaimie's Ridge step-out	Prospective alteration profile.
BMCD001	437495	1334272	7356	1000	158.49	-50.54	Exploration - JRCD NE Structure	Anomalous mineralization and
BMCD002	437112	1333208	7298	620	349.67	-64.11	Exploration - CSAMT anomaly	Anomalous mineralization and
BMCD003	437990	1334453	7383	580	155.6	-45	Exploration - JRCD NE Structure	Anomalous mineralization and
BMCD004	437179	1333156	7298	1180	342.24	-60.55	Exploration - CSAMT anomaly	Anomalous mineralization and
BMCD005	439180	1334382	7642	330	235	-75	Cerro Duro step-out	Prospective alteration profile.
BMCD006	43171	1334377	7643	300	0	-90	Cerro Duro step-out	Prospective alteration profile.
BMCD007	439195	1334405	7642	300	310	-76	Cerro Duro step-out	Prospective alteration profile.
BMCD008	439223	1334402	7642	300	25	-75	Cerro Duro step-out	Prospective alteration profile.
BMCD009	439013	1334464	7564	300	0	-90	Cerro Duro confirmation	Au in oxides.
BMCD010	439030	1334507	7565	300	0	-90	Cerro Duro step-out	Prospective alteration profile.
BMCD011	438759	1334405	7511	175	0	-90	Cerro Duro step-out	Prospective alteration profile.
BMCD012	438845	1334440	7517	350	0	-90	Cerro Duro confirmation	Au in oxides. Au in backfill.
BMCD013	438887	1334545	7510	200	0	-90	Cerro Duro step-out	Prospective alteration profile.
BMCD014	438764	1334550	7476	200	0	-90	Cerro Duro step-out	Prospective alteration profile.
BMCD015	438886	1334467	7517	90	0	-90	Cerro Duro confirmation	Au in backfill. Au in oxides. C
BMJR001	437420	1333974	7311	310	304.9	-80	Jaimie's Ridge	Au in oxides.

Qualified Person and QA&QC

The scientific and technical content of this news release was reviewed, verified, and approved by Iain Campbell, P.Geo., VP Exploration of the Company, and a Qualified Person as defined by Canadian Securities Administrators' National Instrument 43-101 - Standards of Disclosure for Mineral Projects. However, certain data presented here, including historical resources and certain drill results, are pre-NI 43-101 estimates and should not be relied upon as current mineral resources or reserves.

The quality assurance and quality control protocols in place at Borealis include insertion of blank or standard samples every 10 samples on average, in addition to the regular insertion of blank, duplicate, and standard samples by the analytical laboratory during the assay process. The assay results presented herein are

derived from both diamond drill core and RC drill chips. For diamond drill core, geologists mark out samples for geology technicians to saw in half, from which one half is retained at the Borealis mine site and the other half is submitted for assay. For RC drilling, geologists supervise riffle splitting of RC return at the drill site. Samples were submitted to both ALS Global's Reno, NV laboratory and Paragon Geochemical's Sparks, NV laboratory. At ALS, samples were treated with a 30 gram fire assay with an AA finish, along with a four-acid multi-element analysis (MS-MS61). At Paragon, samples were treated with a 30 gram fire assay with an AA finish for Au, and four-acid multi-element analysis (48MA-MS).

Borealis Mine

The Borealis mine property, located close to the town of Hawthorne, NV, is fully permitted and equipped for present mine operations and future expansion, with existing open pits, heap leach pads, modern infrastructure, and a functional ADR facility which produces doré bars. The project has historically produced over 600,000 ounces of gold from an open pit heap leach operation. It is an under-explored property and has not been drilled since 2011, aside from Borealis' efforts in 2024 and 2025. The property possesses high grade expansion potential with excellent historical drilling results, along with a number of untested regional targets.

The Borealis Project holds existing federal and state permits for mining and processing operations. However, certain permit modifications may be required for expanded production, and the timeline for such approvals is subject to regulatory review. The Company cannot guarantee the timing or success of any permit modifications that may be required for future expansions.

About Borealis

Borealis is a gold mining and exploration company focused on exploration and resumption of production of the Borealis Mine in Nevada. The Borealis Mine is a fully permitted mine site, equipped with active heap leach pads, an ADR facility, and all necessary infrastructure to support a heap leach gold mining operation. In addition to the mine, the property, comprised of 815 unpatented mining claims of approximately 20 acres each totaling approximately 16,300 acres and one unpatented mill site claim of about five acres located in western Nevada, is highly prospective for additional high-sulfidation gold mineralization. Borealis is led by a strong board and management team, many of whom have founded, managed, and sold highly successful mining and exploration companies.

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