

# Great Bear Resources's Drilling Returns High Grade Gold at Dixie Project, Red Lake, Ontario

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Vancouver, May 25, 2018 - Great Bear Resources (TSXV: GBR) (the "Company" or "Great Bear"), today announced results from the first 5 drill holes of its Phase 2 drill program at its Dixie project in the Red Lake district of Ontario. A total of 15 holes were drilled along 2.3 kilometres strike length of a prospective geological contact, testing both new and existing gold targets. All holes hit the hydrothermal alteration system which is characterized by varying silicification, sulphide mineralization and gold content. Drilling will recommence in June 2018.

Highlights from the first five drill holes include:

- The first "Hinge Zone" drilling by Great Bear intercepted high-grade gold including 17.18 g/t gold over 1.7 metres, which includes 46.3 g/t gold over 0.60 metres in drill hole DHZ-002. DHZ-001, drilled 75 metres vertically above DHZ-002 intersected 10.15 g/t gold over 1.25 metres, suggesting significant vertical and grade continuity. Oriented core data suggests that these intercepts are likely from a vein system that is parallel to historically drilled veins, indicating multiple high-grade gold veins are present in the Hinge Zone
- A "Hanging Wall Zone" was intercepted parallel to the main Dixie Limb Zone, returning 12.41 g/t gold over 1.5 metres including 30.20 g/t gold over 0.55 metres. This adds an additional drill-confirmed high-grade gold-bearing zone within the primary drill area
- Gold is confirmed at the "South Limb Zone"; DSL-001, Great Bear's first drill hole into this target intersected a 32-metre-wide zone of quartz veining and silica/sulphide alteration containing anomalous gold mineralization which included 5.34 g/t gold over 0.50 metres and 3.47 g/t gold over 1.0 metre

Chris Taylor, CEO of Great Bear commented, "Our Phase 2 drilling was ambitiously designed to test the size potential of the Dixie gold system at shallow depths and along strike, plus a number of new gold targets. It was successful on all fronts. Our drilling has revealed a regionally-significant gold-bearing hydrothermal system which has now been drilled along more than 2 kilometres of a favourable geological contact. The system contains multiple drill-confirmed high-grade gold zones comparable in width and grade to mined deposits in Red Lake, all of which are open to extension. Historical drilling and geophysics suggest that the primary gold-bearing contact may extend for up to 10 kilometres on the property. The remaining 7,000 metres of the Phase 2 drill program will include further step-out holes along this contact, and follow-up delineation drilling of areas with high-grade gold intercepts at depth."

Table 1: Drill intercept highlights from the first 5 of 15 drill holes completed during initial Phase 2 drilling. All interval lengths are drill indicated and may not represent true thicknesses.

Hole	From (m)	To (m)	Au (g/t)	Width (m)	Zone	Comment
DHZ-001	140.30	142.15	6.95	1.85	Hinge	visible gold
	including 140.90	142.15	10.15	1.25		
	and including 141.65	142.15	15.10	0.50		
DHZ-002	198.00	199.70	17.18	1.70	Hinge	visible gold
	including 198.00	199.10	26.41	1.10		
	and including 198.50	199.10	46.30	0.60		
DL-009	88.60	96.00	2.59	7.40	Hanging Wall	visible gold
	including 94.50	96.00	12.41	1.50		
	and including 95.45	96.00	30.20	0.55		
	230.40	234.80	1.96	4.40	Dixie Limb	visible gold
	including 231.40	232.35	4.04	0.95		
DL-010	234.25	239.00	1.73	4.75	Dixie Limb	

DSL-001		137.10	169.10	0.32	32.00	South	visible
	including	163.75	164.25	5.34	0.50	Limb	gold
	And	182.00	183.00	3.47	1.00		
	including	182.00	182.50	4.62	0.50		

## Hinge Zone

DHZ-001 and DHZ-002 are the first holes drilled into the Hinge Zone by Great Bear. They intersected quartz veins with strong peripheral biotite alteration and both contained high-grade intervals with visible gold.

This combination of hydrothermal biotite alteration with quartz vein-hosted high-grade visible gold also occurs at the High Grade Zone at the Red Lake gold mine operated by Goldcorp (TSX: G). The intercepts in the two Hinge Zone holes are 75 metres apart (vertically) and remain open for follow-up drilling.

## Hanging Wall Zone

High-grade gold mineralization was encountered in drill hole DL-009 at the contact between a rhyolite and tholeiitic basalt, and occurs approximately 80 meters above (in the hanging wall) of the primary Dixie Limb contact. Significant visible gold is observed which returned 30.20 g/t gold over 0.5 metres, within a broader interval of 2.59 g/t gold over 7.40 metres. Several historical holes intersected the same contact (according to historical drill log descriptions), however not all of the intervals were assayed for gold by past explorers. The Company will continue to explore this zone and test other possible parallel gold zones.

Figure 1: Drill plan showing locations of first 15 holes of the 2018 drill program. Sub-zones within the Dixie gold system are labeled

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

[https://orders.newsfilecorp.com/files/5331/34831\\_a1527224904927\\_43.jpg](https://orders.newsfilecorp.com/files/5331/34831_a1527224904927_43.jpg)

## South Limb Zone

Hole DSL-001 is the first hole drilled by Great Bear into the interpreted South Limb of an apparent folded duplication of the main Dixie Limb, as shown on Figure 1. Observations of a wide silicified and sulphide-gold bearing interval in DSL-001 suggests that the Dixie hydrothermal system may be wider in this area, and that significant gold potential exists at South Limb.

## Pending Assays

The Company is awaiting assays from 10 additional drill holes. These include step out holes along the primary Dixie Limb contact that increase its drilled strike length from approximately 500 metres to 2.3 kilometres, and additional drill holes into the main Dixie Limb within the primary drill area. Results are expected to be received over the next four weeks, and will be released in batches as processed. The Company expects to be drilling again during June.

Drill core was logged and sampled in a secure core storage facility located in Red Lake Ontario. Core samples from the program were cut in half, using a diamond cutting saw, and were sent to Activation Laboratories Ltd. in Ancaster Ontario, an accredited mineral analysis laboratory, for analysis. All samples were analysed for gold using standard Fire Assay-AA techniques. Samples returning over 3.0 g/t gold were analysed utilizing standard Fire Assay-Gravimetric methods. Certified gold reference standards, blanks and field duplicates were routinely inserted into the sample stream, as part of Great Bear's quality control/quality assurance program.

## About Great Bear

Great Bear is earning a 100% royalty-free interest in the Dixie property which consists of 7,106 hectares in the Red Lake district covering a drill and geophysically defined multi-kilometre gold mineralized structure similar to that hosting other producing gold mines in the district. The project has seen over 160 drill holes to-date and has yielded high grade near-surface gold results including 10.40 m of 16.84 g/t gold. In addition, Great Bear is also earning a 100% royalty-free interest in its West Madsen properties which total 2,725 hectares and are contiguous with [Pure Gold Mining Inc.](#)'s (TSX-V: PGM) Madsen property. All of Great Bear's Red Lake projects are accessible year-round through existing roads.

Mr. R. Bob Singh, P.Geo, Director and VP Exploration for Great Bear, is the Qualified Person as defined by National Instrument 43-101 responsible for the accuracy of technical information contained in this news release.

For further information please contact Mr. Chris Taylor, P.Geo, President and CEO at 604-646-8354, or Mr. Knox Henderson, Investor Relations, at 604-551-2360.

ON BEHALF OF THE BOARD

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