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### NEWS RELEASE

February 8<sup>th</sup>, 2022

#### **Aben Resources Files NI 43-101 Technical Report on the Justin Gold Project and Provides Additional Updates**

Vancouver, BC -- Aben Resources Ltd. (TSX-V: [ABN](#)) (OTCQB: [ABNAF](#)) (Frankfurt: [E2L2](#)) (“Aben” or “the Company”) has received and filed a NI 43-101 compliant Technical Report pertaining to Aben’s 100% owned 7400 hectare Justin Gold Project in the Yukon. The Justin Property encompasses several historic Gold (Au) and Silver (Ag) prospects and has been systematically explored by Aben since 2011. Aben has filed a permit application with the Yukon government to extend their right to explore the Property for an additional five years.

The Justin Property is host to rocks that have undergone multi-phase hydrothermal alteration that has produced two distinct mineralizing systems. Drilling has shown that precious metal mineralization on the Property is part of an Intrusion Related Gold System (IRGS) featuring multiple mineralization styles including sheeted vein arrays, vein breccias, stockwork veining, fault-controlled mineralization, and skarn-hosted gold horizons. Drilling at the POW Zone has returned intercepts ranging from trace values to highs of **1.19 g/t Au over 60.0 m (including 2.47 g/t Au over 21.0 m) and 1.49 g/t Au over 46.4 m**. The POW Zone, along with the Confluence, Main, Kangas and POW West Zones, are potential hosts to bulk-tonnage gold mineralization and higher-grade skarn mineralization. The Lost Ace Zone, located 2 kilometers from the POW Zone, is host to high-grade near-surface mesothermal gold-arsenopyrite bearing quartz veins interpreted to be part of an Orogenic Gold System. Trenching in 2018 returned values ranging from trace to **20.8 g/t gold over 4.4 meters including 88.2 g/t gold (Au) over 1.0 m** at the Lost Ace Zone.

The Orogenic-style mineralization discovered at Lost Ace is interpreted to share many characteristics with the orogenic veins discovered at Seabridge Gold’s adjacent 3 Aces project. Exploration at 3 Aces has shown the regionally extensive stratigraphic contact in the middle Yusezyu Formation contains consistently highly anomalous gold values. The discovery of gold mineralization in the upper Yusezyu Formation at Lost Ace suggests newly discovered orogenic gold mineralization could occur over a significant stratigraphic extent between the upper and middle Yusezyu Formation on the Justin Property. In addition, the previously discovered intrusion related gold mineralization at the POW Zone would have intruded through the prospective stratigraphy which hosts the older orogenic mineralization in the district, potentially enhancing grades in the intrusion related gold system.

#### **Justin Property NI 43-101 Technical Report**

<https://www.sedar.com/GetFile.do?lang=EN&docClass=24&issuerNo=00005652&issuerType=03&projectNo=03335844&docId=5130159>

## **Slocan Graphite Project Update**

Aben now holds the exclusive right to earn a 100% interest, less 2% Net Production Royalty (“NPR”) in the road-accessible Slocan Graphite Project located 34km northwest of Castlegar, British Columbia. The 2,387 hectare Slocan Graphite Property hosts several large flake graphite-bearing outcrops (high values of 3.36 and 4.43 % organic Carbon) at the Tedesco Zone, which is coincident with a strong conductive anomaly identified in 2010 that is interpreted to extend up to 2.0km from the known surficial occurrences. The Slocan Graphite Project benefits from excellent infrastructure including a high-voltage transmission line within 1.2 km of the property boundaries, an extensive network of forestry roads on and around the property, and an existing graphite processing plant and facilities located 1.5 km west of the property (owned by Eagle Graphite Corporation). Aben has submitted a mineral exploration permit application with the provincial government in advance of ground exploration in Spring 2022 and a subsequent planned drill program.

### **Slocan Project**

<https://abenresources.com/projects/slocan/>

## **Pringle North Property Update**

The Pringle North Property consists of 5 contiguous mining claims covering approximately 1,881 hectares and is located 55 kilometers north of the prolific Red Lake Gold Camp. The Property straddles the interpreted northern extension of the deep-seated geologic structures that host several gold deposits within the Red Lake Gold Camp.

### **Pringle North Property Map**

[https://abenresources.com/site/assets/files/4245/pringle\\_property\\_location\\_-\\_2022\\_map.jpg](https://abenresources.com/site/assets/files/4245/pringle_property_location_-_2022_map.jpg)

The deep-seated extensional feature was identified by seismic reflection surveys and has been described by the Ministry of Energy, Northern Development and Mines as similar in nature and significance to the structures that host the Red Lake Gold Belt. Aben Resources has been compiling and interpreting regional and property-scale geologic and geophysical data in advance of a comprehensive field exploration program in the Spring of 2022. The Property has seen very little ground exploration and is structurally complex with strong evidence of wide-spread shearing, folding and faulting. These structural controls provided fluid pathways that can trap gold mineralizing fluids in potentially economic concentrations.

### **Pringle North Geophysical Maps**

[https://abenresources.com/site/assets/files/4247/tmi\\_pringle\\_north\\_-\\_2022.jpg](https://abenresources.com/site/assets/files/4247/tmi_pringle_north_-_2022.jpg)

In addition to the full spectrum of structural controls present on the Property, Pringle North is host to several surface samples that tested at or above the 95<sup>th</sup> percentile from an overburden sampling program by Agnico Eagle in 2009. A substantial belt of mafic to ultramafic rocks that parallel the Nungesser Deformation Zone (NDZ) have been mapped on the property. Age determination by Sanborn et al, 2004, dates this volcanic-sedimentary belt at 2.94 billion years old and assigns it to the Balmer Assemblage, which is host to the gold mines in the Red Lake Camp.

### **Pringle North Gold Values in Till**

[https://abenresources.com/site/assets/files/4246/gold\\_values\\_in\\_till\\_-\\_pringle\\_2022\\_map.jpg](https://abenresources.com/site/assets/files/4246/gold_values_in_till_-_pringle_2022_map.jpg)

## **Forrest Kerr Property Update**

Aben Resources will forego ground exploration activities at the Forrest Kerr Gold Property in Northwest B.C in 2022. The Forrest Kerr Property remains an important asset to Aben Resources and all geologic data collected through recent drill programs will continue to be analyzed and re-

interpreted with the aim to conduct focused exploration programs in the future. The Forrest Kerr Property is fully permitted and in good standing through March 2024.

Aben's President and CEO Jim Pettit remarked that "*Aben now has a diversified exploration portfolio in world-class Canadian mining districts. We look forward to advancing both the Slocan Graphite Project and the Pringle North Project in the 2022 exploration season, with the Forrest Kerr and Justin Projects as value pillars within the asset package.*"

### **About Aben Resources:**

Aben Resources is a well-funded Canadian gold and graphite exploration company with exploration projects in British Columbia, Ontario, and the Yukon Territory. Cornell McDowell, P.Geol., V.P. of Exploration for Aben Resources, has reviewed and approved the technical aspects of this news release and is the Qualified Person as defined by National Instrument 43-101.

For further information on Aben Resources Ltd. (TSX-V: [ABN](#)), visit our Company's web site at [www.abenresources.com](http://www.abenresources.com).

### **ABEN RESOURCES LTD.**

*"Jim Pettit"*

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