

Tres-Or Announces Type II Microdiamonds Dominate at the Guigues Kimberlite Pipe in Quebec

06.04.2021 | [Newsfile](#)

Vancouver, April 6, 2021 - [Tres-Or Resources Ltd.](#) (TSXV: TRS) (OTC: TRSFF) ("Tres-Or" or the "Company") is pleased to announce Type II microdiamonds lacking measurable nitrogen dominate at the Guigues Kimberlite pipe in southwestern Quebec. The nitrogen measurements were conducted by the Saskatchewan Research Council Geoanalytical Laboratories Diamond Services (SRC) on all Guigues +0.150 mm microdiamonds, using the industry-standard technique of micro-Fourier Transform Infrared Spectroscopy (FTIR).

In total, SRC reports 14 out of the 17 +0.150 mm microdiamonds lacked detectable nitrogen (zero parts per million - 0 ppm), and thus are the highly desirable Type II. Type II diamonds are rare (less than 2% of gems sold) but highly desirable because many of the largest, highest quality gem diamonds ever recovered lack nitrogen (refer to Tres-Or news release dated December 8, 2020).

"Tres-Or is excited to learn that Type II microdiamonds dominate our samples. This is another positive factor, along with the microdiamond counts themselves, strong diamond indicator mineral chemistry and the site's excellent access and infrastructure that are moving our Guigues Diamond Project forward towards our first macro-diamond tests, which we hope to announce in the near future," says Laura Lee Duffett CEO of [Tres-Or Resources Ltd.](#)

SRC reports that the other 3 microdiamonds +0.150 mm-contain between 365 and 949 ppm nitrogen apiece, and are dominated by the "A" nitrogen crystal lattice defect suggesting relatively shallow mantle residence depths (SRC estimates between 150 and 165 km, using a 40 mW/m² geotherm).

Table 1: Nitrogen-free Type II diamonds out of total microdiamonds +0.150 mm square mesh screen.

Total Weight Numbers of Diamonds According to Sieve Size Fraction (mm)

	+0.075	+0.106	+0.150	+0.212	+0.300	+0.425	+0.600
Kg	-0.106	-0.150	-0.212	-0.300	-0.425	-0.600	-0.850
304.8	19	12	8	2	5	2	0
Type II:	N/A	N/A	8	1	4	1	0

As noted in Tres-Or's news release of January 5, 2021, a total of 48 microdiamonds were recovered by SRC from 305 kgs of previously unsampled intervals of Guigues kimberlite drill core, with the largest two microdiamonds remaining on a 0.425 mm square mesh screen. SRC describes all but 3 of the recovered Guigues Kimberlite microdiamonds as "White/Colourless, Transparent" with no or minor inclusions. Only one microdiamond is described as having "noticeable inclusions". Complete descriptions for the 17 Guigues +0.150 mm microdiamonds tested are provided in Table 2.

These Type II results are from microdiamonds recovered from 305 kgs of material processed at SRC for microdiamonds comprised of 3 samples from half-split drill core (HQ size) testing different parts of the pipe. The recovered microdiamonds are well distributed throughout the pipe. Out of 65 sample bags processed, 30 returned at least one microdiamond. The maximum number returned per batch was 9 and the second most prolific batch returned 5. The 13 bags comprising sample 047531 returned the most total microdiamonds at 22, suggesting the possibility of a higher grade phase in the southern part of the pipe, but more data is required to gain confidence in this possibility. Tres-Or will be looking to identify potentially higher grade kimberlite phases as additional sample data becomes available.

Table 2: Complete descriptions of nitrogen content and %A defect and Type II designation as determined by

SRC's proprietary FTIR data deconvolution methods. ppm = parts per million; mW/m^2 = milliwatts per square meter.

Sample	IaA (%)	IaB (%)	N (ppm)	Type	Square mesh screen size (mm)	T ($^{\circ}\text{C}$)	40 mW/m^2 geotherm 3 Ga	Pressure (GPa)	Depth (km)	Diamond de
047531 BAG 11 150UM	0	0	0	II	0.150	-	-	-	-	- White/Colou
047531 BAG 2 150UM 1OF3	0	0	0	II	0.150	-	-	-	-	- White/Colou
047531 BAG 2 150UM 2OF3	0	0	0	II	0.150	-	-	-	-	- White/Colou
047531 BAG 2 150UM 3OF3	0	0	0	II	0.150	-	-	-	-	- White/Colou
047531 BAG 4 300UM	0	0	0	II	0.300	-	-	-	-	- White/Colou
047531 BAG 4 425UM	93	7	949	IaA	0.425	1055	-	4.81	152	White/Colou
047531 BAG 7 425UM	0	0	0	II	0.425	-	-	-	-	- White/Colou
047531 BAG 8 150UM	0	0	0	II	0.150	-	-	-	-	- White/Colou
047531 BAG 8 300UM	0	0	0	II	0.300	-	-	-	-	- White/Colou
047531 BAG 9 212UM	0	0	0	II	0.212	-	-	-	-	- White/Colou
047533 BAG 13 300UM	0	0	0	II	0.300	-	-	-	-	- White/Colou
047533 BAG 7 300UM	0	0	0	II	0.300	-	-	-	-	- White/Colou
047533 BAG 9 150UM	0	0	0	II	0.150	-	-	-	-	- White/Colou
047534 BAG 10 150UM	0	0	0	II	0.150	-	-	-	-	- Off White, T
047534 BAG 2 212UM	77	23	365	IaAB	0.212	1107	-	5.20	164	White/Colou
047534 BAG 4 300UM	91	9	618	IaA	0.300	1070	-	4.92	155	White/Colou
047534 BAG 5 150UM	0	0	0	II	0.150	-	-	-	-	- White/Colou

Note that although the recovery of Type II microdiamonds from the Guigues Kimberlite is suggestive of the occurrence of larger stones, this does not mean that the Guigues Kimberlite will necessarily host large Type II diamonds.

Sampling Protocols:

Each sample was bagged successively by Tres-Or personnel, in approximately 8 kg sub-samples. The total sample interval extends approximately 26 m in length. After bagging and labelling, the samples were delivered to SRC in Saskatoon, Saskatchewan. The unsampled half split of core is stored securely for future reference. The ~8 kg bags were processed by SRC as separate batches and microdiamond recoveries were reported for each of the 8 kg bags. SRC reports microdiamond counts by square mesh screen sizes, increasing in succession from the smallest size (in this case 0.075 mm) upwards by a factor of the square root of 2, as specified in CIM reporting standards required under Canadian National Instrument 43-101 reporting standards. SRC also describes and reports dimensions as well as weights for each individual microdiamond.

About Tres-Or Resources Ltd.

[Tres-Or Resources Ltd.](http://www.tres-or.com) is a Canadian resource company focused on exploring for diamonds and gold resources in the Témiscamingue and Abitibi regions of Québec and is listed on the TSX Venture Exchange under the trading symbol "TRS". Additional information related to the Company is available on SEDAR and on the Company's website (www.tres-or.com).

On behalf of the Board of Directors

"Laura Lee Duffett"

Laura Lee Duffett, P.Geo.
President and CEO

For further information:

Laura Lee Duffett, President & CEO: +1 (604) 541-8376 - info@tres-or.com

Dean Claridge, Business Development: +1 (604) 688-8700

Website: www.tres-or.com

Neither the TSX Venture Exchange nor its Regulation Service Provider (as the term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release.

Qualified Persons

Disclosure of a scientific or technical nature related to the Company's projects and exploration activities in this news release was prepared under the supervision of Dr. Harrison O. Cookenboo, B.Sc., M.Sc., Ph.D., P.Geo., the Company's independent Qualified Person (as such term is defined in National Instrument 43-101), and Ms. Laura Lee Duffett, P.Geo., the Company's President and CEO, who is a non-independent Qualified Person, both of whom have reviewed and approved the technical and scientific portions of this presentation.

Forward-Looking Statements

This news release contains projections and forward-looking information that involve various risks and uncertainties, including, without limitation, statements regarding the potential extent of mineralization, resources, reserves, exploration results and plans and objectives of the Company. These risks and uncertainties include, but are not restricted to, the early stage development of the Company and its projects; general business, economic, competitive, political and social uncertainties; capital market conditions and market prices for securities, junior market securities and mining exploration company securities; commodity prices, the amount of geological data available, the uncertain reliability of drilling results and geophysical and geological data and the interpretation thereof and the need for adequate financing for future exploration and development efforts. There can be no assurance that such statements will prove to be accurate. Actual results and future events could differ materially from those anticipated in such statements. These and all subsequent written and oral forward-looking statements are based on the estimates and opinions of management on the dates they are made and are expressly qualified in their entirety by this notice. The Company assumes no obligation to update forward-looking statements should circumstances or management's estimates or opinions change.

To view the source version of this press release, please visit <https://www.newsfilecorp.com/release/79428>

Dieser Artikel stammt von [Rohstoff-Welt.de](https://www.rohstoff-welt.de)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/379646--Tres-Or-Announces-Type-II-Microdiamonds-Dominate-at-the-Guigues-Kimberlite-Pipe-in-Quebec.html>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2025. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).