

# Quest Files Technical Report in Support of Positive Pre-Feasibility Study Results

06.12.2013 | [Marketwired](#)

TORONTO, ONTARIO--(Marketwired - Dec 6, 2013) - [Quest Rare Minerals Ltd. \(TSX:QRM\)\(NYSE MKT:QRM\)](#) is pleased to announce that it has filed a National Instrument 43-101 compliant technical report in support of its previously-announced comprehensive pre-feasibility study (PFS) for its Strange Lake B-Zone rare earth project (see press release dated October 23, 2013). The technical report, which was prepared by Micon International Limited ("Micon"), is available under Quest's SEDAR profile at [www.sedar.com](http://www.sedar.com) and on EDGAR at [www.sec.gov/edgar](http://www.sec.gov/edgar).

## Mineral Reserve Estimate

Quest is also pleased to disclose the mineral reserve estimate, as of October 14, 2013, for the Strange Lake Project. The mineral reserves, which have been classified as probable, are summarized in Table 1 below. These mineral reserves are included within the mineral resources discussed in the previously-filed National Instrument 43-101 compliant technical report dated December 14, 2012 and in Quest's press release dated October 23, 2013. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

The mineral reserves include only indicated mineral resources that will be mined and shipped for processing during the 30-year operating period. There are no measured mineral resources at Strange Lake. Any above cut-off resource material that will remain on the property (in stockpiles or in-situ) is not considered in the stated mineral reserves.

Micon concluded that no additional drilling resource definition drilling is recommended and that the current indicated mineral resource is of sufficient quality to support a feasibility study.

In their report, Micon also concludes that, "The high nugget effect in the lenses and the shape and distribution between sections of both the pegmatite and granite lithologies do not allow for separate interpretation on the current 50 m centered drilling. It is Micon's opinion that closer spaced drilling will not necessarily improve the confidence of the current mineral classification from an indicated to a measured category without drilling on such closed spaced centres as to be cost prohibitive."

The mineral reserves presented in the above table were estimated by Sam J. Shoemaker, Jr., Registered Member-SME. Mr. Shoemaker is a Qualified Person, as defined in National Instrument 43-101, and is independent of Quest.

## NI 43-101 Technical Report and Qualified Persons

The technical report supporting the PFS has been prepared by Micon International under the guidance of Richard Gowans, P. Eng., President of Micon International, who is the Qualified Person for the technical report. Mr. Gowans has reviewed the technical information described in this news release.

Sam J. Shoemaker, Jr., Registered Member-SME, of Micon International, is the Qualified Person responsible for the preparation of the mineral reserve estimate described in this news release. The effective date of the reserve estimate is October 14, 2013. The technical report supporting the foregoing reserve estimate is available under Quest's profile on SEDAR and EDGAR.

Table 1: Strange Lake Estimated Mineral Reserves

	Proven	Probable	Proven plus Probable
--	--------	----------	----------------------

Mt	0	43.199	43.199
NSR (\$/t)	0.00	746.48	746.48
TREO (%)	0.0000	1.1622	1.1622
HREO (%)	0.0000	0.5314	0.5314
LREO (%)	0.0000	0.6308	0.6308
Nb <sub>2</sub> O <sub>5</sub> (%)	0.0000	0.2581	0.2581
ZrO <sub>2</sub> (%)	0.0000	2.3088	2.3088
CeO <sub>2</sub> (%)	0.0000	0.3120	0.3120
Dy <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0497	0.0497
Er <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0359	0.0359
Eu <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0018	0.0018
Gd <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0311	0.0311
HfO <sub>2</sub> (%)	0.0000	0.0544	0.0544
Ho <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0113	0.0113
La <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.1347	0.1347
Lu <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0054	0.0054
Nd <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.1195	0.1195
Pr <sub>6</sub> O <sub>11</sub> (%)	0.0000	0.0342	0.0342
Sm <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0304	0.0304
Tb <sub>4</sub> O <sub>7</sub> (%)	0.0000	0.0072	0.0072
Tm <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0058	0.0058
Y <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.3462	0.3462
Yb <sub>2</sub> O <sub>3</sub> (%)	0.0000	0.0369	0.0369

## Notes:

1. Numbers are rounded to reflect the precision of the estimate.
2. The mineral reserves were estimated using a minimum NSR value of \$286.29/t cut-off.
3. Micon International is not aware of any environmental, permitting, legal, title, taxation, socio-economic, marketing, and political or other relevant factors that will materially affect the validity of this mineral reserve estimate.
4. CIM Standards on Mineral Resources and Reserves Definitions and Guidelines (1) define a 'Proven Mineral Reserve' as "the economically mineable part of a Measured Mineral Resource demonstrated by at least a Preliminary Feasibility Study", and define a "Probable Mineral Reserve" as the "the economically mineable part of an Indicated, and in some circumstances a Measured Mineral Resource demonstrated by at least a Preliminary Feasibility Study".
5. These estimated mineral reserves have an effective date of October 14, 2013.

## About Quest

[Quest Rare Minerals Ltd.](#) ("Quest") is a Canadian-based development company focused on the advancement of its flagship Strange Lake property (rare earth-zirconium-niobium) in northeastern Québec. Quest is publicly listed on the TSX and NYSE MKT as "QRM" and is led by a highly-experienced management and technical team with a proven track record. Quest believes that its Strange Lake project has the potential to become an important long-term supplier of rare earth elements (REE). Quest's ongoing exploration program led to the doubling of resource tonnage of the B-Zone deposit on the Strange Lake property. In 2012, Quest filed an updated National Instrument 43-101 Indicated and Inferred Resource Estimate for the B-Zone deposit and in October 2013, Quest announced the results of a Pre-Feasibility Study (PFS) for the B-Zone deposit. In addition, Quest has announced the discovery of an important new area of REE mineralization on its Misery Lake project, approximately 120 km south of the Strange Lake project in northeastern Québec, and is advancing the Misery Lake project. Quest continues to pursue high-value project opportunities throughout North America.

## Contact

### [Quest Rare Minerals Ltd.](#)

Peter J. Cashin  
 President & CEO  
 (416) 916-0777 or 1-877-916-0777  
 (416) 916-0779  
[info@questrareminerals.com](mailto:info@questrareminerals.com)  
[www.questrareminerals.com](http://www.questrareminerals.com)

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/162318--Quest-Files-Technical-Report-in-Support-of-Positive-Pre-Feasibility-Study-Results.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 -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).