FORM 51-102F3 - MATERIAL CHANGE REPORT

1. NAME AND ADDRESS OF COMPANY

Quaterra Resources Inc. #1100 - 1199 West Hastings Street Vancouver, BC V6E 3T5

2. DATE OF MATERIAL CHANGE

September 20, 2018

3. <u>NEWS RELEASE</u>

News release dated September 20, 2018 was disseminated through the facilities of Newsfile Corp.

4. <u>SUMMARY OF MATERIAL CHANGE</u>

Quaterra Resources Inc. completed the second tranche sale of convertible debentures for gross proceeds C\$50,000 and grants stock options.

5. FULL DESCRIPTION OF MATERIAL CHANGE

Quaterra Resources Inc. (the "Company") today announced that it has granted 2,570,000 incentive stock options to 22 directors, officers, employees and consultants pursuant to the Company's stock option plan. The options are exercisable at a price of \$0.06 per share for a period of five years and are subject to the policies of the TSX Venture Exchange.

The Company also announced that it has completed a second tranche of its previously announced private placement of 10% convertible debentures of the Company (the "Convertible Debentures") for an additional C\$50,000, bringing the total proceeds of the financing to US\$968,000 (C\$1,273,000). See the Company's news release dated August 29 for additional information on the financing. A member of the Board of Directors participated in the final tranche.

6. RELIANCE ON SUBSECTION 7.1(2) OF NATIONAL INSTRUMENT 51-102

Not applicable.

7. OMITTED INFORMATION

Not applicable.

8. <u>EXECUTIVE OFFICER</u>

Thomas Patton, Chairman & CEO Telephone: 604-641-2758

9. <u>DATE OF REPORT</u>

September 21, 2018