



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

DIVISION OF  
CORPORATION FINANCE

October 15, 2014

Via E-mail

Mr. Donat K. Madilo  
Chief Financial Officer  
Gentor Resources Inc.  
1 First Canadian Place  
100 King Street West, Suite 7070, P.O. Box 419  
Toronto, Ontario, M5X 1E3, Canada

**Re: Gentor Resources Inc.  
Form 20-F for Fiscal Year Ended December 31, 2013  
Filed May 1, 2014  
File No. 333-130386**

Dear Mr. Madilo:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter within ten business days by amending your filing, by providing the requested information, or by advising us when you will provide the requested response. If you do not believe our comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your filing and the information you provide in response to this comment, we may have additional comments.

Form 20-F for Fiscal Year Ending December 31, 2013 filed May 1, 2014

20-F Cautionary Note to U.S. Investors Regarding Resource Estimates, page 2

20-F Mineral Resource Estimates, page 44

Exhibit 15.1(MD&A) - Mahab 4 Prospect, page 4

Exhibit 15.1(MD&A) - Maqail South Prospect, page 5

1. We note your disclosure in this section that your filing was prepared in accordance with the securities laws in effect in Canada. You further state that your disclosure of measures other than proven and/or probable reserves, such as measured, indicated, and inferred resources may be reported similar to Canadian incorporated companies under the

exception in Instruction 3 to Paragraph (b) (5) of Industry Guide 7. However, your jurisdiction of incorporation is the Cayman Islands and as such, only those terms specified by Industry Guide 7 may be used in U. S. SEC filings. The provisions in Industry Guide 7 preclude the use of any terms other than proven or probable reserves for disclosure in SEC documents. Please modify your disclaimer and remove all resource disclosure from your filing.

Karaburun Project, page 25

2. Please disclose the following information for each of your material properties:

- The nature of your ownership or interest in the property.
- A description of all interests in your properties, including the terms of all underlying agreements and royalties.
- Describe the process by which mineral rights are acquired at this location and the basis and duration of your mineral rights, surface rights, mining claims or concessions.
- An indication of the type of claim or concession such as placer or lode, exploration or exploitation, whether the mining claims are State or Federal mining claims, patented or unpatented claims, mining leases, or mining concessions.
- Please include certain identifying information, such as the property names, claim numbers, grant numbers, mining concession name or number, and dates of recording and expiration that is sufficient to enable the claims to be distinguished from other claims that may exist in the area of your properties.
- The conditions that must be met to retain your claims or leases, including quantification and timing of all necessary payments, annual maintenance fees, and disclose who is responsible for paying these fees.
- The area of your claims, either in hectares or in acres.

Please ensure that you fully discuss the material terms of the land or mineral rights securing agreements, as required under paragraph (b)(2) of Industry Guide 7.

3. Please disclose the information required under paragraph (b) of Industry Guide 7 for all your material properties listed under this heading. For any properties identified that are not material, please include a statement to that effect, clarifying your intentions. For each material property, include the following information:

- The location and means of access to your property, including the modes of transportation utilized to and from the property.
- Any conditions that must be met in order to obtain or retain title to the property, whether you have surface and/or mineral rights.
- A brief description of the rock formations and mineralization of existing or potential economic significance on the property.
- A description of any work completed on the property and its present condition.
- The details as to modernization and physical condition of the plant and equipment, including subsurface improvements and equipment.
- A description of equipment, infrastructure, and other facilities.
- The current state of exploration of the property.
- The total costs incurred to date and all planned future costs.
- The source of power and water that can be utilized at the property.
- If applicable, provide a clear statement that the property is without known reserves and the proposed program is exploratory in nature.

You may refer to Industry Guide 7, paragraphs (b) (1) through (5), for specific guidance pertaining to the foregoing, available on our website at the following address:  
[www.sec.gov/about/forms/industryguides.pdf](http://www.sec.gov/about/forms/industryguides.pdf)

4. It appears you should also expand your disclosure concerning the exploration plans for the properties to address the following points.
  - Disclose a brief geological justification for each of the exploration projects written in non-technical language.
  - Give a breakdown of the exploration timetable and budget, including estimated amounts that will be required for each exploration activity, such as geophysics, geochemistry, surface sampling, drilling, etc. for each prospect.
  - If there is a phased program planned, briefly outline all phases.
  - If there are no current detailed plans to conduct exploration on the property, disclose this prominently.

Mr. Donat K. Madilo  
Gentor Resources Inc.  
October 15, 2014  
Page 4

- Disclose how the exploration program will be funded.
  - Identify who will be conducting any proposed exploration work, and discuss what their qualifications are.
5. Detailed sampling provides the basis for the quality estimate or grade of your mineral discovery. Please provide a brief description of your sample collection, sample preparation, and the analytical procedures used to develop your analytical results. In addition, please disclose any Quality Assurance/Quality Control (QA/QC) protocols you have developed for your exploration program. These procedures would serve to inform potential investors regarding your sample collection and preparation, assay controls, sample custody, assay precision and accuracy procedures and protocols.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable Exchange Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

You may contact George Schuler, Mining Engineer, at (202) 551-3718 with questions about the engineering comments. Please contact me at (202) 551-3795 with any other questions.

Sincerely,

/s/ John Reynolds

John Reynolds  
Assistant Director