ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

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In reply please quote

No:

ZEMA/INS/101/04/1

December 15th 2016

The Manager
Topfat Gold Mining Limited
P/Bag E891
LUSAKA

Dear Sir/Madam,

REF: PROPOSED LARGE SCALE PROSPECTING UNDER LICENCE NO. 19711-HQ-LPL IN KASEMPA DISTRICT BY TOPFAT GOLD MINING LIMITED

Reference is made to the above captioned project report submitted to the Zambia Environmental Management Agency (ZEMA) on May 23, 2016 for consideration in accordance with the requirements of the Environmental Management Act No. 12 of 2011 and the Environmental Impact Assessment (EIA) Regulations, Statutory Instrument No. 28 of 1997.

ZEMA has since reviewed the Environmental Project Brief (EPB) and based on the information provided by yourselves and from written and verbal comments from interested and affected parties and our site verification inspection findings; the said EPB has been **approved**.

Find attached to this Decision Letter, conditions governing this **approval**.

Yours faithfully,

John Msimuko
Director General
ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

Cc. Director – Mines Safety Department, **Kitwe**
Council Secretary– Kasempa Town Council, **Kasempa**

Zambia Environmental Management Agency
DECISION LETTER

1.0 PROJECT BACKGROUND

1.1 PROJECT TITLE:

Proposed Large Scale Prospecting under Licence No. 19711-HQ-LPL in Kasempa District by Topfat Gold Mining Limited

1.2 PROJECT PROPONENT:

Topfat Gold Mining Limited
P/Bag E891
Lusaka

Contact Person's Details:

Name: Mr. Gunston Kasempa
Designation: Manager
Telephone: +260 977738664

1.3 PROJECT LOCATION:

The proposed project area is located in Wamalele area, about 63km away from Kasempa Town in Kasempa District, Northwestern Province.

1.4 DATE OF SUBMISSION BY PROPONENT:

May 23, 2016

1.5 DATE OF CONSIDERATION BY AGENCY:

November 8, 2016

2.0 DETAILS OF THE PROJECT:

Topfat Gold Mining Limited intends to conduct prospecting activities for cobalt, copper, gold, iron ore, nickel and silver in Kasempa District of North Western Province under Large Scale Prospecting Licence No. 19711- HQ -LPL. The total prospecting area covers 24680.5773 hectares.

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P.O. BOX [illegible] LUSAKA

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The operations will involve the following:

i. Geological mapping;
ii. Geochemical sampling;
iii. Geophysical exploration;
iv. Reverse Circulation Drilling; and
v. Diamond Drilling

3.0 DECISION BY THE AGENCY

3.1 The project has been **approved** subject to conditions listed below;

3.1.1 Topfat Gold Mining Limited shall implement the project and all the environmental management commitments as stated in the Environmental Project Brief (EPB) **with** changes as recommended by Zambia Environmental Management Agency (ZEMA) and any other conditions that may be issued thereafter.

3.1.2 The approval is for mineral prospecting on licence No. 19711-HQ-LPL in Kasempa District by Topfat Gold Mining Limited only.

3.1.3 Topfat Gold Mining Limited shall consult and comply in full with the conditions and specifications of the Mines Safety Department, Forestry Department, Kasempa District Council, Department of Water Affairs/Water Resources Management Authority, Chief Ingwe and other authorities.

3.1.4 The project and related activities shall be conducted in such a way that public and private property and sources of livelihood shall not be damaged, harmed, affected negatively or lost. Where it is determined that the health of people, property or source of livelihood is harmed, damaged, affected negatively or lost as a result of the project or related activities, Topfat Gold Mining Limited shall be liable for payment of appropriate compensation and/or other forms of relief or replacement.

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3.1.5 Topfat Gold Mining Limited shall ensure that all hazardous waste such as used oil, used drilling fluid, used or expired batteries and waste fluorescent material are disposed of appropriately by persons licenced by ZEMA.

3.1.6 Topfat Gold Mining Limited shall put in place and implement appropriate waste management measures. Solid waste shall be collected and disposed of at an authorised disposal site by a person licensed by ZEMA.

3.1.7 Topfat Gold Mining Limited shall put in place measures or install and operate appropriate and effective facilities for monitoring, preventing and controlling soil contamination and, pollution of air and, surface and ground water.

3.1.8 All holes resulting from the project activities shall be plugged and sealed/capped.

3.1.9 All drill sites/pads and other areas to be affected such as camp sites shall be appropriately rehabilitated.

3.1.10 All trenches and pits shall be rehabilitated.

3.1.11 All radioactive materials or materials containing radioactive substances shall be handled and/or disposed of appropriately.

3.1.12 Topfat Gold Mining Limited shall protect dambos/wetlands and other water resources in or near the project area from pollution by products or waste from project activities.

3.1.13 The levels of noise and vibrations shall be monitored and maintained within the appropriate limits.

3.1.14 Dust suppression in areas where dust will be generated shall be carried out.

3.1.15 Topfat Gold Mining Limited shall ensure that all incidences with potential to pollute the environment and harm human beings are reported to ZEMA **immediately**.

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3.1.16 Topfat Gold Mining Limited shall prepare and submit to ZEMA the appropriate environmental emergency preparedness and response plan within three months following this approval.

3.1.17 Topfat Gold Mining Limited shall obtain the appropriate permits or licenses from the Zambia Environmental Management Agency and comply in full with the requirements of the Environmental Management (Licensing) Regulations, 2013 and the Environmental Management Act, 2011.

3.1.18 At decommissioning and closure Topfat Gold Mining Limited shall prepare and submit the appropriate decommissioning and closure plan/report outlining implementation of all the environmental management commitments presented in the environmental project brief for verification and subsequent consideration by ZEMA.

3.2 The Agency **advises** Topfat Gold Mining Limited to:

3.2.1 Obtain and comply in full with other relevant authorizations such as those stipulated in but not limited to the:

i. Mines and Minerals Development Act, 2015;
ii. Urban and Regional Planning Act, 2015;
iii. Forests Act, 2015;
iv. Road Traffic Act, 2002;
v. Public Health Act, 1995;
vi. Workers' Compensation Act, 1999;
vii. Water Resources Management Act, 2011;
viii. Employment Act, 1997;
ix. Pneumoconiosis Act, 1955; and
x. Ionizing Radiation Protection Act, 2005.

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3.2.2 Make available information on hygiene, malaria, HIV/AIDS and other communicable and infectious diseases to employees.

3.2.3 Provide employees with appropriate fire-fighting equipment and train them in fire fighting and emergency response.

3.2.4 Provide employees with Personal Protective Equipment (PPE) and employees shall undergo appropriate medical checkups.

3.2.5 Obtain the appropriate authorisation from Mines Safety Department where blasting is to be conducted.

3.3 Topfat Gold Mining Limited shall comply with environmental standards and/or specific limits of particular pollutants as its responsibility. Thus, compliance with Zambia Environmental Management Agency recommended measures **does not absolve** Topfat Gold Mining Limited from its responsibility if such measures do not achieve compliance with environmental control standards.

3.4 Topfat Gold Mining Limited shall, in accordance with section 15 of the Environmental Management Act No. 12 of 2011, allow inspectors from ZEMA **unrestricted entry** to the project site at any reasonable time with or without making prior notice throughout the project cycle.

3.5 The implementation of the project shall commence **within three years** from the date of approval. Failure to commence implementation of the project within the stated period shall render the Decision Letter invalid and Topfat Gold Mining Limited shall be required to re-submit the EPB for consideration.

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3.6 The Agency may suspend or cancel the Decision Letter **without notice** should Topfat Gold Mining Limited fail to comply with any condition of approval.

15/12/16 .....

Date

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John Msimuko
Director General
ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

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