



# ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY

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*In reply please quote*

**ZEMA/INS/101/04/1**  
No:

January 30, 2015

Director  
Luhang Stone Mining Company  
P. Box 33612  
**Lusaka**

Dear Sir/Madam,

**REF: PROPOSED LARGE SCALE PROSPECTING ACTIVITIES ON LICENCE NUMBER19622 HQ-LPL IN SHANTUMBU AREA IN CHILANGA DISTRICT**

Reference is made to the above captioned project report submitted to the Zambia Environmental Management Agency (ZEMA) on December 3<sup>rd</sup>, 2014 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,

Joseph Sakala  
**Director General**  
**ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY**

Cc. The Council Secretary, Chilanga District Council, **CHILANGA**  
The Director-Mine Safety Department-**KITWE**



# Zambia Environmental Management Agency

## DECISION LETTER

### 1.0 PROJECT BACKGROUND

#### 1.1 PROJECT TITLE:

Proposed large scale prospecting activities on licence number 19622 HQ-LPL in Shantumbu area in Chilanga District

#### 1.2 PROJECT PROPONENTS:

Luhang Stone Mining Company  
P. Box 33612  
**Lusaka**

#### Contact Person:

Luhang Stone Mining Company  
P. Box 33612  
**Lusaka**  
Cell: 0975007833

#### 1.3 PROJECT LOCATION:

The project site is located in Shantumbu area about 10km south of Lusaka and is located about 800meters to the north of the gravel road. There is no already built up infrastructure within the site where the developer intends to undertake a large scale prospecting.

#### 1.4 DATE OF SUBMISSION BY PROPONENT:

December 3<sup>rd</sup>, 2014

#### 1.5 DATE OF CONSIDERATION BY AGENCY:

January 28<sup>th</sup>, 2015







## 2.0 DETAILS OF THE PROJECT

The project will involve exploration of dolomite and limestone rocks and the main methods to be used during the exploration will involve:

- i. Geological mapping;
- ii. Geochemical sampling;
- iii. Pitting;
- iv. Trenching; and
- v. Reverse circulation drilling, and core drilling.

## 3.0 DECISION BY AGENCY

3.1 The project is **approved** with the following conditions;

- 3.1.1. Luhang Stone Mining Company Limited shall implement the project and all the environmental management commitments as proposed in the Environmental Project Brief (EPB) **with changes** as proposed by Zambia Environmental Management Agency (ZEMA) in the Decision Letter and any other conditions that may be issued thereafter.
- 3.1.2. Luhang Stone Mining Company Limited shall consult and comply in full with the specifications and conditions of the Mines Safety Department, Energy Regulation Board, Department of Water Affairs and Chilanga District Council prior to the implementation of the project.
- 3.1.3. Luhang Stone Mining Company Limited shall ensure that adequate measures are put in place for handling drilling fluids to avoid contaminating soils, surface and ground water courses which could eventually affect life in the area.
- 3.1.4. Luhang Stone Mining Company Limited shall ensure that there is no contamination to soils, underground and surface water resources throughout the project cycle.
- 3.1.5. Luhang Stone Mining Company Limited shall decontaminate and dispose of in an environmentally sound and acceptable manner all hazardous waste.
- 3.1.6. Noise levels throughout the project cycle shall be maintained within acceptable limits.





- 3.1.7. Luhang Stone Mining Company Limited shall employ dust suppression measures in all areas with potential to generate dust throughout the project cycle.
- 3.1.8. Luhang Stone Mining Company Limited shall maintain the speed limit in all access roads that shall not endanger life or cause dust.
- 3.1.9. Luhang Stone Mining Company Limited shall avoid indiscriminate clearing of vegetation. In order to avert soil erosion, where possible, stumping as opposed to uprooting shall be used to clear vegetation and the Developer shall conduct progressive rehabilitation and re-vegetation of disturbed areas throughout the project cycle. The clearing of forests shall be done in full consultation with the Forestry Department.
- 3.1.10. Luhang Stone Mining Company Limited shall put in place an Emergency Response Plan, and shall submit the same to ZEMA for approval within three months following this approval.
- 3.1.11. All emergencies with potential to pollute the environment shall be reported to ZEMA Immediately.
- 3.1.12. Luhang Stone Mining Company Limited shall obtain applicable licenses or permits from ZEMA and comply in full with the conditions of the licenses or permits issued under the Environmental Management (Licensing) Regulations, Statutory Instrument No.112 of 2013.
- 3.2** The Agency **recommends** that Luhang Stone Mining Company Limited:
- 3.1.13. Obtains and comply with other relevant authorizations such as those stipulated, but not limited to:
- i. The Mines and Minerals Development Act 7 of 2008;
  - ii. The Local Government Act;
  - iii. The Town and Country Planning Act;
  - iv. The Public Health Act cap 295 of the laws of Zambia;
  - v. The Workers Compensation Act cap. 271 of the laws of Zambia;
  - vi. The Energy Regulation Act cap. 436 of the laws of Zambia;
  - vii. The Water Resources Management Act No. 21 of 2011;
  - viii. The Forestry Act, Cap. 199 of the laws of Zambia;
  - ix. The Employment Act, Cap. 28 of the laws of Zambia;
  - x. The Explosive Act;
  - xi. The Ionizing Radiation Protection Act; and
  - xii. The Pneumoconiosis Act.







- 3.1.14. Luhang Stone Mining Company Limited shall set up camps and sanitary facilities away from surface water bodies to avoid contaminating them. Luhang Stone Mining Company Limited shall employ modern conventional methods for disposal of sewage.
- 3.1.15. Luhang Stone Mining Company Limited shall undertake an environmental audit of the project within a period of **not less than twelve months** and **not more than thirty six months** after completion of the project or commencement of operations, whichever shall come first.
- 3.1.16. Luhang Stone Mining Company Limited shall prepare a closure report outlining implementation of all the environmental management commitments presented in the Environmental Project Brief at the end of the project for verification by the Zambia Environmental Management Agency.
- 3.1.17. Make available information on hygiene, malaria control and HIV/AIDS to employees.
- 3.1.18. Provide workers with appropriate personal protective equipment, firefighting equipment and train all workers in firefighting and emergency response.
- 3.3** Luhang Stone Mining Company 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 Luhang Stone Mining Company Limited from its responsibility if such measures do not achieve compliance with environmental control standards.
- 3.4** Luhang Stone Mining Company Limited shall in accordance with section 15 of the Environmental Management Act, No. 12 of 2011, allow ZEMA Inspectors **unrestricted entry** to the project site at any reasonable time without giving 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 implement the project within the said period shall render the Decision Letter invalid and Luhang Stone Mining Company Limited shall re-submit the Environmental Project Brief.



- 3.6 The Zambia Environmental Management Agency may suspend or cancel this Decision Letter **without notice** should Luhang Stone Mining Company Limited fail to comply with any of these conditions.



Joseph Sakala

**Director General**

**ZAMBIA ENVIRONMENTAL MANAGEMENT AGENCY**