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THE MINING ACT,
(CAP. 123)

RULES

(Made under section 27F (7))

THE MINING (NATIONAL MINERAL RESOURCES DATA BANK) RULES, 2021

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PART I
PRELIMINARY PROVISIONS

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| Citation | 1. These Rules may be cited as the Mining (National Mineral Resources Data Bank) Rules, 2021 |
| Application | 2. These Rules shall apply to the holders of prospecting licence, special mining licence and mining licence; save that the Chief Executive Officer may require the holder of primary mining licence, processing licence and smelting licence to submit mineral data and reports. |
| Interpretation | 3. In these Rules, unless the context otherwise requires- |
| Cap. 123 | “Act” means the Mining Act;
“authorised person” means a person authorised by the Chief Executive Officer or a public officer appointed under these Rules to deal with data and reports to ensure compliance;
“assays” means geochemical values of a particular material obtained from the laboratory;
“background values” means theoretical natural concentration range of a substance;
“blank sample” means sample with no grade of the element of interest;
“certified reference material” means standard control |

- materials with known elemental concentration;
- “Chief Executive Officer” means the Chief Executive Officer of GST appointed under section 27A (3) of the Act;
- “collar” means a table comprised of information that describes the location, maximum depth of the drill hole, and whether a linear or curved hole trace can be calculated when retrieving the hole;
- “cutoff grade” means minimum ore grade that can be mined at profit;
- “DAT” means MapInfo file format used to present spatial data;
- “duplicate sample” means a sample collected concurrently in the course of the same sample survey under comparable conditions, with a first sample;
- “Geological Survey of Tanzania” means the Geological Survey of Tanzania established under section 27A(1) of the Act also known in its acronym “GST”
- “geotiff” means an image with spatial reference;
- “licencing authority” shall have the meaning ascribed to it under the Act;
- “lithology” means a table containing geological description of a particular borehole;
- “mineral rights holder” means an individual or company with legal rights of prospecting or mining;
- “quality assurance and quality control” means a collection of steps and procedures undertaken to assure a compliance in reported elemental concentrations;
- “raster” means a graphic array of pixels of various colours which together form an image;
- “resource” means tonnage and grade of the material of interest;
- “shapefile” means a simple, non-topological format for storing the geometric location and attribute information of geographic features;
- “survey” means a table that stores the drill hole survey information used to calculate the drill hole trace

coordinates;
“threshold values” means the upper limit of geochemical background range; and
“vector” means an image made up of points, lines, polygons and curves that are supported in a particular format.

PART II ADMINISTRATION

Appointment of
authorised
officer or person

4. The Chief Executive Officer may appoint any officer or person for the proper discharge of the function under these Rules.

PART III SUBMISSION OF MINERAL DATA, DATABASE, REPORTS AND RECORD KEEPING

Obligation to
submit accurate
mineral data,
database reports
and resource
estimation

5. (1) A mineral right holder shall submit to GST accurate mineral data, database, reports and resource estimation.

(2) The accurate mineral data, database and reports to be submitted shall contain-

- (a) geological maps and plans which include cross section;
- (b) geophysical and geochemical raw data which include processed and interpreted data with detailed information;
- (c) processed and interpreted data or maps which include parameters and procedures used during data processing such as background values and threshold values;
- (d) technical reports which include licence number, coordinates, work plan, actual work, result and interpretation data, plan for future work and expenditure;
- (e) technical reports on mineral data submitted to stock exchange markets, investors and shareholders;
- (f) core and chips samples and its mineral

exploration and mining database which include associated database (collar, survey, lithology, geotechnical information, assay results); and

(g) any other mineral data or information as GST may require.

(3) The information pertaining to resource estimation shall include-

(a) parameters and procedures used to estimate the mineral resource and mining model;

(b) initial and updated exploration and geological models;

(c) initial and updated mineral resource and mining model;

(d) entire estimated amount of minerals, in tones, carats and ounces, planned to be extracted from the mining operation at a particular cutoff grade and average grade; and

(e) any other information as may be required.

Data to be submitted free of charge

6. Mineral data, database and reports generated by a mineral right holder under these Rules shall be submitted to GST free of charge.

Submission of data and reports

7.-(1) A mineral right holder shall, within thirty days after the end of a particular quarter, submit to GST a detailed mineral data and reports on quarterly basis.

(2) Mineral data, database and reports required under subrule (1) shall be submitted in hard and soft copies.

(3) All data and reports shall be authenticated by the mineral right holder or his authorised representative.

(4) The data, database and reports submitted shall include the type of mineral rights, mineral category, physical address, email address, telephone number and fax number.

(5) Core and chips samples shall bear orientation and meter marks.

Verification

8. The Chief Executive Officer of GST or any

authorised person shall verify the mineral data, database and reports or information submitted before keeping or storing them.

Disclosure of
information

9.-(1) Mineral data, database, reports or information submitted under these Rules shall not be disclosed except with the consent of the mineral right holder.

(2) Nothing in subrule (1) shall operate to prevent the disclosure of mineral data, database, reports or information where the disclosure is made-

- (a) for or in connection with the administration of the Act;
- (b) for the purpose of any legal proceedings;
- (c) where the mineral right is surrendered, relinquished, cancelled or revoked.

Obstruction to
collect core and
chips samples

10. A mineral rights holder shall not prohibit or obstruct the Chief Executive Officer or any authorised person to have access to collect core and chips samples.

Record keeping

11.-(1) GST shall keep records of all mineral data, database and reports from mineral rights holders confidential at the National Mineral Resources Data Bank.

(2) Access to the National Mineral Resources Data Bank shall be restricted to the authorised person.

Data to be
owned by the
Government

12. All mineral data, database and reports generated by mineral rights holders and submitted to GST shall be owned by the Government and may be used for the purpose of administration of the Act.

Format for
submission of
mineral data,
database and
reports

13.-(1) Updated geological exploration maps or plans shall be submitted in vector (DAT, shapefile, Geotiff, geodatabase) and raster format in geographical or projected coordinate system (Arc 1960).

(2) Airborne or ground raw geophysical data shall be submitted in XYZ (raw) format, database preferable in geo-soft database, grids and processed data

or maps.

(3) Raw and processed geochemical data indicating all major and trace elements shall be submitted with the detailed information (sampling density, media, analytical methods and quality control samples) in excel or access format.

(4) Quality Assurance and Quality Control approaches used during exploration including control charts generated shall be submitted based on certified reference material, duplicate sample, blank sample and laboratory internal standards.

PART IV GENERAL PROVISIONS

Penalty for
submitting false
or misleading
information

14.-(1) Any mineral rights holder who fails to comply with any requirement of these Rules or direction lawfully given under these Rules shall be in default and the licencing authority may, subject to the provisions of the Act, suspend or cancel the mineral rights.

(2) Any mineral rights holder who knowingly submits any mineral data, database, reports and information which is false or misleading commits an offence and shall upon conviction be liable-

(a) in a case of an individual, to a fine of not less than ten million shillings or to imprisonment for a period not exceeding twelve months or to both;

(b) in a case of a body corporate, to a fine of not less than fifty million shillings.

Dodoma,
8th June, 2021

JUSTINIAN RWEZAULA IKINGURA
*Chairman of the Board
Geological Survey of Tanzania*