

86/1988 Coll.
REGULATION
of the Slovak Geological Institute
from 16 May 1988

on procedure in the search and survey of exclusive deposits
from the aspect of protection and rational exploitation of mineral resources
and on reporting the presence of an exclusive mineral deposit,
its allowances and the payment of expenses.

Amendment: 3/1992 Coll.

The Slovak Geological Institute, in compliance with Article 11 sec. 5 of the Act No. 44/1988 Coll. on the protection and exploitation of mineral resources (Mining Act) and after the settlement with the Ministry of Finance, prices and wages of the Slovak Socialist Republic and according to Article 12 sec. 3 of the Mining Act establishes the following:

PART ONE
BASIC PROVISIONS

Article 1

abrogated

Article 2

Liability of the Organisation in the Search and Survey
of Exclusive Deposits

(1) The organisation 1) when searching and survey the exclusive mineral deposit (hereafter "exclusive deposit") evaluates the achieved results of geological works and reports them to the Slovak Geological Institute so that the certificate on the exclusive deposit can be issued as soon as possible.

(2) When searching the exclusive deposit, the organisation is liable to acquire all the data necessary for rational exploitation related to the mining-technical aspect and the aspect of complex exploitation of the resources including accompanying minerals and their beneficial components. Care must be taken not to obstruct the conditions of retrieving the exclusive deposit resources in the form of geological works execution.

1) Article 3 sec. 1 subparagraph a) of the Slovak National Council, Act No 52/1988 Coll. on works in geology and on the Slovak Geological Institute in wording of the Slovak National Council, Act No. 497/1991 Coll.

Article 7a of the Act No. 44/1991 Coll. on the protection and exploitation of mineral resources (Mining Act) in wording of the Slovak National Council, Act No. 498/1991 Coll.

PART TWO
UNCOVERING THE EXCLUSIVE DEPOSIT

Certification on the Exclusive Deposit

Article 3

(1) If an organisation carrying out the works in geology uncovers an exclusive mineral to the

extent that reasonably enables one to expect its accumulation, it will notify the Slovak Geological Institute without delay, with the aim to issue the certificate on the exclusive deposit.

(2) As a reasonable assumption of exclusive mineral accumulation, the finding is considered to match predefined conditions of exploitability of expected resources of the exclusive deposit 1a) and is at least partly verified in the category of supposed resources Z-3.

(3) The notification according to section 1 includes the following:

- a) The title of the geological task, that led to the accumulation of the exclusive mineral,
- b) The name and the identification number of the cadastral territory 2) with the name and code of the district 3)
where the accumulation of the exclusive mineral has been found,
- c) The kind of the exclusive mineral and the expected volume of the deposit,
- d) Scheduled results of geological works and tests realised that gave reason to the assumption of the exclusive mineral accumulation (section 2),
- e) Plotting of the situational data according to subparagraphs b) and c) into the map record with the proper measurements to express the expected volume of the deposit, all done in five engrossments.

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- 1a) Article 13 of the Mining Act
Article 4 sec. 3 of the Slovak Geological Institute, Regulation No. 6/1992 on the classification and calculation of the exclusive deposit's volume.
 - 2) Article 3 of the Federal Statistical Institution and the Federal Ministry of Technical and Investment Development, Regulation No. 120/1979 Coll. on spatial information identification.
 - 3) Article 1 of Amendment No. 1793/78-032-918 from July 9, 1978 of the Federal Statistical Institution, which modifies numeric signification of regions and districts in ČSSR (registered in Part No 25/1978 Coll.).

Article 4

The certificate on the exclusive deposit contains the following:

- a) the name of the exclusive deposit, the name and the identification number of the cadastral territory 2) with the name and code of the district, 3)
- b) The kind of the exclusive mineral and the expected volume of the deposit,
- c) Plotting the situational data of the deposit.

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- 2) Article 3 of the Federal Statistical Institution and the Federal Ministry of Technical and Investment Development Regulation No. 120/1979 Coll. on spatial information identification.
 - 3) Article 1 of the Amendment No. 1793/78-032-918 from July 9, 1978 of the Federal Statistical Institution, which modifies numeric signification of regions and districts in ČSSR (registered in Part No 25/1978 Coll.).

Article 5

abrogated

Article 6

abrogated

PART THREE CONDITIONS ON PREPARING FOR THE EXPLOITATION OF EXCLUSIVE DEPOSITS

Article7

Procedure during the search and survey of the exclusive deposits

From the protection and rational exploitation aspect, during the search and survey of the exclusive deposit, the organisation is responsible for:

- a) the tracing and evaluation of all usable exclusive mineral deposits and their beneficial components
 1. directing the position and rate of sampling according to the achieved results of search and survey,
 2. carrying out the necessary mineralogical, petrologic, chemical and technological analyses and tests,
 3. directing the survey of treatment and processing to achieve the full exploitation of the mineral stuff and a limitation of harmful components,
 4. quantifying the exclusive deposit resources in calculations and registering resources of all traced minerals including the accompanying minerals and all their beneficial components,
 5. evaluating all the technical possibilities and the economic effectiveness of their exploitation;
- b) creating conditions for the projection and construction of mines and stone-pits, the opening, preparation and mining of the exclusive deposit according to mining technology principles and satisfying the rational exploitation of the exclusive deposit
 1. examining and proving the volume and shape of the deposit, its storage and tectonic situation, if it can have an influence on the mining,
 2. examining and specifying the physical-mechanical, geotechnical, engineering-geological and hydrogeological properties of the deposit and the surrounding rocks,
 3. solving the waste waters of the deposit related to the overlay and underlay,
 4. evaluating, in the report on the result of geological works and in the calculation, the mining-technical conditions of the deposit mining and the influences of conditional factors on the exploitation (e.g. gas ratios, water supplies)
 5. proposing the optimal way of initiation and mining of the deposit in the later stages of the survey;
- c) using methods and procedures, not obstructing or eliminating the exploitation of the exclusive deposit or its part and not causing unreasonable losses of the exclusive deposit resource; for this purpose
 1. locating the survey works, namely the central mining works so that they block the resource as little as possible, or not obstructing the conditions of its initiation and mining,
 2. examining the possibilities of eruptions of water, gasses and sludge, increased radioactivity, liability to spontaneous inflammation and similar effects that may have an influence on future exploitation of the resource,
 3. using such geological procedures of geological works execution that will not cause an interconnection of waste water horizons or the undesirable irrigation of the resource,
 - 4) marking out the spaces in the report on the result of geological works, where no surface buildings or equipment may be located to protect the supplies of the deposit, or where they may be positioned, providing special arrangements are observed;
- d) identifying the facts needed to weigh the possible influences on the exploitation of the reserved deposit upon other deposits, water and other natural resources, the environment and other interests concerning the whole society
 - 1) examining the relation or connection of the resource with surrounding mines and stone-pits, old mining works and sources of groundwater.
 - 2) examining the influence of environmental geo-factors on the exploitation of the deposit, evaluating possibilities and specifying conditions to overcome them or reducing their negative influences,
 - 3) examining and proposing the possibilities of spoils, dumps and purges so that they do not obstruct the future exploitation of the deposit and to ensure that the environment was disturbed as little as possible,

4) verifying and evaluating the conflicts of interests protected by special provisions 4) with the interests of the exploitation of the deposit, and proposing a solution in co-operation with corresponding organs;

e), in case of an interruption in the search or survey, taking action not to mar the mining works and not to obstruct the execution of further survey and exploitation of the exclusive deposit; for this purpose

1) taking universal measures and economically clarifying the appropriateness of the maintenance or the liquidation of the works under survey even before making the decision on the interruption of geological works in the deposit,

2) examining the possibility of the temporary use of the works under survey for other purposes,

3) preparing a security plan, or if need be a plan of liquidation of the mining works and stone pits used for the search and survey.

4) For instance, Act No. 51/1964 Coll. on railways and the Ministry of Transport and the Central Mining Institution Regulation No. 28/1967 Coll., which constitutes the provisions for the relations of railways with mining competence, Act No. 110/1964 Coll. on telecommunications, Act No. 20/1996 Coll. on health care, Act No. 53/1966 Coll. on the fund for agricultural land protection in wording of Act No. 75/1976 Coll. (the full wording No. 124/1976 Coll.), Act No. 138/1973 Coll. on waters (Water Act), Act No. 61/1977 Coll. on forests, SNR Act No. 1/1955 Coll. of the SNR on the state protection of nature in wording of later provision, SNR Act No. 27/1987 Coll. on the care of state monuments.

Article 8

Verification of the Exclusive Deposits Resources.

The resources of the reserved deposit must be verified before the exploitation, in categories matching the complexity of geological construction of the deposit, the disposal of its profitable and harmful components, if need be the complexity of the evolution of collector rocks.

Article 9

abrogated

Article 10

abrogated

Article 11

Auditing resources

(1) For the construction investment of a mine or a stone pit, the dressing, or if need be, the manufacturing provision, the amount of the exclusive deposit auditing resources must be verified and approved, which satisfies the planned capacity and the lifespan.

(2) The part of the exclusive deposit to be exploited first will be verified to the last detail. If this part of the deposit is not vital from the point of its evolution and particularly the mining-technical

conditions on its exploitation, the part of the deposit that is characteristic for future exploitation will be verified in more details as well.

5) Article 11 of the SNR Act No. 52/1988 Coll. on geological works and on the Slovak Geological Institute.

Specific Conditions
Prepared for the Exploitation
of the Exclusive Deposit

Article 12

(1) In every exclusive deposit before its exploitation, the factors relative to exploitation (hydro-geological, engineering-geological and others) must be verified, and the technology of dressing, refinement or if need be the working out of the mineral raw material solved in such a length as is required for the working out of the project documentation on the mine or the stone pit construction, the dressing or the manufacturing establishment and working out of the plan on development, preparation and mining.

(2) If, in the exclusive deposit, another usable mineral is present, its presence and supply will be verified at least to the extent inevitable for the specification of its economic significance and possibility of exploitation.

(3) In the exclusive deposits, where the raw base of the mine or stone-pit does not consist of the supply of the whole deposit, the supply in the remaining part of the deposit will be verified in categories of supposed supplies Z - 3, or the predicted sources will be estimated if they can have an influence upon the way of the development, the preparation and the mining of the deposit and the location of technical and other construction and equipment.

Article 13

abrogated

PART FOUR
THE NOTIFICATION OF THE PRESENCE
OF AN EXCLUSIVE MINERAL DEPOSIT

Article 14

NOTIFICATION OBLIGATION

(1) If an organisation or citizen out of the organised framework of searching uncovers the presence of an exclusive mineral deposit (hereafter "presence"), he is obliged to notify the Slovak Geological Institute without delay. 7) The notification by an organisation or citizen (hereafter "notifier") shall include the place, the time, the way of discovery, the description of the mineral or if need be, some other details of importance to weigh the presence.

(2) The notifier must suspend from activities making the weighing impossible or limited; he is obliged to leave the presence intact and accessible by the time of the weighing but within 30 days of his notification.

If a steady operation of the notifier was menaced for this reason, the Slovak Geological Institute will agree on the appropriate time on making access to the place of recognised presence possible.

7) Article 12 sec. 1 of the Mining Act.

Article 15

Confirmation on Finding an Exclusive Mineral Deposit

If an exclusive mineral is confirmed to the extent reasonably enabling the expectation of its accumulation, the Slovak Geological Institute will issue a confirmation on finding the exclusive mineral deposit to the notifier. If the presence is already known or during its evaluation the deposit of the exclusive mineral is not recognised, the Slovak Geological Institute will inform the notifier about it.

Article 16

Allowances and Payment of Expenses

(1) If the finder of the deposit of the exclusive mineral is a citizen, the Slovak Geological Institute will offer him a reward. The amount of the reward will be specified according to the scientific, technical and economic significance of the deposit and contribution of the finder to its discovery and evaluation, as well as according to the necessary expenditures of the finder in context with the discovery and its notification, up to 50,000 Sk. If the discovered deposit is of extraordinary significance, the Slovak Geological Institute, with the approval of the Ministry of Finance of the Slovak Republic, can confer an even higher reward.

(2) If the finder of the deposit of the exclusive mineral is an organisation, the Slovak Geological Institute will reward it the effective invested expenses for the extraction and analyses of the samples, or if need be for making access to the deposit possible.

PART FIVE FINAL PROVISIONS

Article 17

For the territory of the Slovak Socialist Republic, the Regulation of the Governmental Committee for Geology No. 216/1957 Ú.v. on certificates and rewards for the discovery of exclusive mineral deposits has been abrogated.

Article 18

This Regulation comes into effect on July 16, 1988, Regulation No. 3/1992 Coll. comes into effect on Jan. 16, 1992.

Chairman Ing. Kuráň CSc. sign. manual