

189/2007/ND-CP of December 27, 2007, defining the functions, tasks, powers and organizational structure of the Ministry of Industry and Trade;

Pursuant to the March 20, 1996 Law on Minerals and the June 14, 2005 Law Amending and Supplementing a Number of Articles of the Law on Minerals;

Pursuant to the Government's Resolution No. 59/2007/NQ-CP of November 30, 2007, on a number of solutions to problems in construction investment activities and reform of some administrative procedures applicable to enterprises;

Pursuant to the Government's Decree No. 160/2005/ND-CP of December 27, 2005, detailing and guiding the implementation of the Law on Minerals and the Law Amending and Supplementing a Number of Articles of the Law on Minerals;

THE MINISTRY OF INDUSTRY AND TRADE

Decision No. 47/2008/QĐ-BCT of December 17, 2008, approving the zoning plan on exploration, mining, processing and use of raw material minerals being white limestone (marble), feldspar, kaolin and magnesite up to 2015, with a vision toward 2025 taken into consideration

THE MINISTER OF INDUSTRY AND TRADE

Pursuant to the Government's Decree No.

In furtherance of the Prime Minister's opinions in the Government Office's Official Letter No. 3174/VPCP-CN of June 11, 2007, assigning the Ministry of Industry (now the Ministry of Industry and Trade) to approve the zoning plan on exploration, mining, processing and use of raw material minerals being white limestone, feldspar, kaolin and magnesite up to 2015, with a vision toward 2025 taken into consideration;

After considering Report No. 488/TTr-NCPT of October 1, 2008, of the Director of the Industrial Strategy and Policy Research Institute;

At the proposal of the directors of the Planning Department and the Heavy Industry Department,

DECIDES.

Article 1. To approve the zoning plan on exploration, mining, processing and use of raw material minerals being white limestone (marble), feldspar, kaolin and magnesite up to 2015, with a vision toward 2025 taken into consideration, with the following principal contents:

I. Development viewpoints

1. To develop the exploration, mining, processing and use of raw material minerals being white limestone (marble), feldspar, kaolin and magnesite in line with Vietnam's industrial development plan, local socio-economic development plans, ensuring harmony between national and local interests, creating conditions for infrastructure development, contributing to stabilizing and improving the life of people in localities where minerals are mined and processed.

2. To develop the exploration, mining, processing and use of raw material minerals being white limestone, feldspar, kaolin and magnesite to meet the requirements of consolidation of security and defense and protection of valuable cultural works and the eco-environment in localities where exist the minerals.

3. To develop the exploration, mining, processing and use of raw material minerals being white limestone, feldspar, kaolin and magnesite in a sustainable manner, ensuring safety and economic efficiency on the basis of rationally and economically exploiting the country's natural resources to fully meet the domestic demand while reserving some volume for export.

4. The exploration of raw material minerals being white limestone, feldspar, kaolin and magnesite must be carried out one step ahead in accordance with the planned roadmap in order to obtain reliable data on natural resources for ensuring effective mining, processing and use of mineral products in different industries.

5. To develop the mining and processing of raw material minerals being white limestone, feldspar, kaolin and magnesite on an appropriate scale and with suitable products through the application of advanced and environmentally friendly technologies which are suitable to Vietnam's conditions. To encourage industrial-scale mining and processing activities and the manufacture of high-quality products for export.

II. Development objectives

1. To concentrate on the exploration of white limestone, feldspar, kaolin and magnesite mines which have been surveyed and assessed in order to ensure sufficient and reliable deposits for mining and processing activities in the planned period.

2. To recover to the most natural resources

in mining and processing activities through the application of advanced technologies. To ensure economic efficiency in the exploitation of minerals and protection of the eco-environment in localities where mineral activities are carried out.

3. To intensify investment in establishments undertaking the deep processing of white limestone feldspar, kaolin and magnesite with advanced and environmentally friendly technologies.

+ White limestone

- In the 2008-2015 period, to complete detailed planning work and reorganize the exploitation of white limestone in Yen Bai and Nghe An provinces. To complete the exploration of 48 white limestone mines/areas which have been licensed and 36 mines in which investment has been approved (Appendix 2);

- To satisfy the economy's demand for white limestone, promote the export of products processed from white limestone. The planned output may be increased to meet domestic market and export demands.

+ Feldspar

- To strive to complete the exploration of 5 new feldspar mines (ore areas) in the period up to 2010 and 4-5 new mines in each subsequent five-year plan period;

- To ensure the sufficient supply of feldspar for various industries and satisfy part of the demand of the production of construction materials, striving to reduce imports and achieve import-export balance after 2015. The output

of commodity feldspar will reach about 0.9 million tons by 2010, 1.1 - 1.2 million tons by 2015, 1.4 - 1.5 million tons by 2020, and 1.6 - 1.7 million tons by 2025.

+ Kaolin

- To strive to complete the exploration of 6-7 new kaolin mines in the period up to 2010 and 9-10 new mines in each subsequent five-year plan period;

- To ensure the sufficient supply of kaolin products for various industries; to strive to achieve import-export balance after 2010 and increase exports. Specifically, the output of refined kaolin will reach over 0.7 million tons by 2010; 1.2 - 1.3 million tons by 2015; 1.8 - 1.9 million tons by 2020; and 2.3 - 2.4 million tons by 2025.

+ Magnesite

- By 2015, to complete the exploration of Kon Queng magnesite ore area. To complete the construction of Kon Queng magnesite mining and sorting complex and put it into operation, striving to reach a mining and sorting output of 150,000-200,000 tons of primary ore/year;

- By 2025, to complete the expansion of the mining and sorting complex, striving to reach a sorting output of 350,000 - 400,000 tons of primary ore/year.

III. Forecast demands for raw material white limestone, feldspar, kaolin and magnesite (including export demands)

The demands for raw material white limestone, feldspar, kaolin and magnesite from now to 2025 are forecast as follows:

No.	Description	Unit of calculation	2010	2015	2020	2025
A	White limestone					
1	Facing stone, fine arts stone	Million m ³	0.75	1.35	1.9	2.6
2	Stone granules	Million tons	1.8	2.4	3.2	3.8
3	CaCO ₃ powder	Million tons	1	2	2.6	3.8
B	Kaolin					
	Refined kaolin	Million tons	0.75	1.2	1.8	2.3
C	Feldspar (excluding the area of production of construction materials)	Million tons	0.9	1	1.4	1.6
D	Magnesite	Million tons	0.08	0.14	0.2	0.25

IV. Exploration planning

1. White limestone exploration

The surveyed deposit of white limestone is about 171 million tons while the estimated deposit is about 35 billion tons, of which 27 million tons are fit for powder production.

a/ In the 2008-2015 period

- To invest in the survey and assessment of white limestone (marble) deposits according to the Prime Minister's Decision No. 116/2007/QĐ-TTg of June 23, 2007, under two schemes, one for Thanh Thuy area, Ha Giang province, and the other for Tan Linh - An Phu sub-area, Luc Yen - Yen Binh area, Yen Bai province;

- To implement exploration projects on 83 ore mines/areas which have been licensed or approved for investment (Appendix 2) in Nghe An, Yen Bai, Bac Kan, Tuyen Quang, Ha Giang and Ha Nam provinces.

b/ In the 2016-2025 period

- To invest in the exploration, upgrading or deep exploration in mining areas in Nghe An and Yen Bai provinces in order to ensure sufficient materials for operating projects;

- To conduct exploration in Ha Giang, Yen Bai and Nghe An provinces and other regions after obtaining survey and evaluation results; during 2016-2020, it is expected to explore 2-3 white limestone mines with great potential.

2. Feldspar ore exploration

The deposit of feldspar ores, both surveyed and estimated, is about 90 million tons, of which the surveyed deposit of C₂ or higher grade ores is about 46 million tons.

Feldspar ore mines and areas with a deposit ≥ 200,000 tons of fairly high-quality ores are planned for exploration according to the following roadmap:

a/ In the 2008-2015 period: To explore 12 feldspar mines and peripheral areas of 6 operating mines in Lao Cai, Yen Bai, Phu Tho, Tuyen Quang, Thua Thien Hue, Quang Nam and Dak Lac provinces, with the target of surveying a total deposit of 32-35 million tons of ores of various grades. Investment capital for the exploitation is VND 100-106 billion.

b/ In the 2016-2020 period: To explore 8-11 new feldspar ore areas and the peripheral area of Ngot mine (currently exploited) with the target of surveying a total deposit of 18-24 million tons of ores of various grades. Investment capital for the exploration is VND 58-63 billion.

For the list of feldspar ore exploration schemes in the 2008-2025 period, see Section B1, Appendix 1.

3. Kaolin exploration

The total of kaolin ore deposit, both surveyed and estimated, is about 400 million tons, of which the surveyed deposit of C₂ or higher grade ore is 250 million tons.

Kaolin ore mines and areas with a deposit \geq 1 million tons of fairly high-quality ores are planned for exploration according to the following roadmap:

a/ During 2008-2015: To implement schemes on exploring 19 kaolin ore mines in Tuyen Quang, Phu Tho, Yen Bai, Lao Cai, Quang Nam, Gia Lai and Dak Lac provinces with the target of surveying a total deposit of 53 million tons of kaolin ore of various grades. Investment capital for the exploration is estimated at VND

95.5 billion;

In order to replace and/or supplement the above-said ore mines and areas, it is expected to explore some ore areas with high prospects according to the results of kaolin and feldspar ore survey and assessment schemes carried out under the Prime Minister's Decision No. 116/2007/QĐ-TTg of July 23, 2007, such as Dinh Van and Bao Loc areas, Lam Dong province; Dak Nia kaolin ore area in Dak Nia commune, Gia Nghia district, Dak Nong province; Huong Phong - A Roang kaolin - feldspar area, A Luoi district, Thua Thien - Hue province; and Yen Dung kaolin clay area, Luc Nam district, Bac Giang province,

b/ In the 2016-2025 period: It is expected to explore 18 kaolin ore mines and areas with the target of surveying a total of 57.5 million tons of ores of various grades. Investment capital for the exploration is VND 113.5 billion;

Apart from the above-said 18 kaolin mines and areas, after the assessment is carried out (under the Prime Minister's Decision No. 116/2007/QĐ-TTg of July 23, 2007), it is expected to explore some other kaolin clay mineral bodies in Yen Thai - Bao Dap kaolin-feldspar mining area, Yen Bai province; 2-3 kaolin-feldspar areas which can be developed into mines in Tan Thinh - Bang Doan kaolin-feldspar area in Phu Tho - Yen Bai provinces, Van Son - Lam Xuyen area, Son Duong, Tuyen Quang province; kaolin clay area in Ben Cat district, Binh Duong province; kaolin-feldspar area in Tham Duong - Lang Giang, Van Ban district, Lao Cai province; the area south of Chay river, Bac Quang - Quang

Binh, Ha Giang province; Lang Chanh - Ba Thuoc - Cam Thuy, Thanh Hoa province. and Binh Long district, Binh Phuoc province.

For the list of kaolin ore exploration schemes in the 2008-2025 period, see Section A1, Appendix 1.

4. Magnesite ore exploration

The surveyed deposit of magnesite ore is about 25 million tons, of which those of C₂ or higher grade is about 10 million tons.

- By 2010, to complete the exploration of Kon Queng mine, Gia Lai province, with the target of surveying 18 million tons of magnesite ores of B, C₁ and C₂ grades serving the elaboration of a feasibility report for mining activities;

- During 2011-2015, to explore western Kon Queng mine, Gia Lai province, with the target of surveying 6 million tons of magnesite ores of B, C₁ and C₂ grades.

For the list of magnesite ore exploration projects, see Section C, Appendix 1.

V. Mining and processing planning

1. White limestone (marble) mining and processing

White limestone mining and processing complexes which are licensed in the 2008-2025 period must have an output \geq 500,000 tons of primary stone/year or an annual output equivalent to the volume of products, including 83,000 m³ of facing and fine arts white limestone, 125,000 tons of white limestone in piece or granule and 100,000 tons of CaCO₃

powder.

a/ In the 2008-2015 period

- To consolidate adjacent small white limestone mining areas in Yen Bai and Nghe An provinces so as to carry out mining activities on an industrial scale in the 2011-2015 period;

- In Yen Bai province: To invest in white limestone mining and processing activities in mining areas which have been licensed (10 areas) and complete the exploration in Mong Son - Yen Binh and Luc Yen district (31 areas). To ensure that mining activities are carried out outside the environmental landscape protection belt of Thac Ba lake;

- In Nghe An province: To invest in white limestone mining and processing activities in mining areas which have been licensed (9 areas) and complete the exploration in Tan Ky and Quy Hop districts (45 areas),

- In Bac Kan province: To invest in white limestone mining and processing activities in 6 mining areas in Cho Don-Ba Be. To ensure that mining activities are carried out outside the environmental landscape protection belt of Ba Be lake;

- In Ha Nam province: To invest in white limestone mining activities in Thung Duoc mining area, Thanh Liem district, to meet the demands of local industrial processing establishments;

- In Tuyen Quang province: To invest in white limestone mining and processing activities in Km54-Km57 mining area, Phu Yen commune, Ham Yen district (on the basis of positive survey

results);

- To invest in the building of a new plant and/or expansion of the capacity of the existing high-quality CaCO_3 powder plant in Dong Nai province with an output of up to 500,000 tons of CaCO_3 powder by 2015 and one million tons by 2025.

b/ In the 2016-2025 period

- To continue conducting marble mining and processing activities in Cho Don area, Bac Kan province;

- In Luc Yen-Yen Binh area, Yen Bai province. To invest in white limestone mining and processing activities in mining areas which have been licensed (deep mining or further exploration);

- In Quy Hop-Tan Ky area, Nghe An province; To invest in white limestone mining and processing activities in mining areas which have been licensed (deep mining or further exploration).

The white limestone output is estimated as follows: By 2010, the total output will reach about 1 million tons of CaCO_3 powder, with 0.2-0.3 million tons of CaCO_3 powder and 1.8 million tons of CaCO_3 stone granules will be for export; by 2015, the total output will reach 2 million tons of CaCO_3 powder, with 0.6-0.8 million tons of CaCO_3 powder and 2.4 million tons of CaCO_3 stone granules will be for export; by 2020, the total output will be 2.6 million tons of CaCO_3 powder, with 1-1.2 million tons of CaCO_3 powder and 3.2 million tons of CaCO_3 stone granules will be for export; by 2025, the total output will be 3.8 million tons of CaCO_3

powder, with 1.5 million tons of CaCO_3 powder and 3.8 million tons of CaCO_3 stone granules will be for export.

For the list and number of investment projects on white limestone mining and processing in the 2008-2025 period, see Appendix 2.

2. Feldspar ore mining and processing

Products processed from feldspar ore are feldspar powder for manufacturing ceramic and porcelain frames and enamel, construction materials, and additives used in the glass industry, for domestic consumption and export.

a/ In the 2008-2015 period: To invest in feldspar ore mining and processing activities in 12 new mines and expand production in Phu Tho, Tuyen Quang, Lao Cai, Yen Bai, Gia Lai, Dak Lak, Thua Thien - Hue and Quang Nam provinces, with a total capacity of about 1.07 million tons/year and an estimated investment capital of about VND 570-610 billion;

b/ In the 2016-2025 period: To invest in feldspar ore mining and processing activities in 12 new mines and expanded mines in Lao Cai, Yen Bai, Tuyen Quang, Quang Nam, Dak Lac and Ha Giang provinces, with a total additional capacity of about 660,000 tons.

Products processed from feldspar ore are feldspar powder for manufacturing porcelain enamel and additives used in the glass industry and for export.

For the list of feldspar ore mining and processing projects in the 2008-2025 period, see Section B2, Appendix 1.

3. Kaolin mining and processing

Deeply processed products of kaolin ore are refined kaolin powder for manufacturing ceramic and porcelain frames and enamel, construction materials, and additives used in paper, chemical and glass industries, for domestic consumption and export.

a/ In the 2008-2015 period: To invest in kaolin ore mining and processing activities in 24 new mines and expanded mines in Lao Cai, Yen Bai, Vinh Phuc, Thai Nguyen, Quang Binh, Thua Thien - Hue, Quang Ngai, Dak Lac, Lam Dong, Tay Ninh, Binh Phuoc and Binh Duong provinces, with a total estimated investment capital of about VND 800 billion, reaching a total capacity of about 1.14 million tons of refined kaolin/year by 2015.

b/ In the 2016-2025 period: To invest in kaolin ore mining and processing activities in 17 new mines and expanded mines in Lao Cai, Quang Binh, Thua Thien - Hue, Quang Ngai, Dak Nong, Binh Phuoc and Binh Duong provinces, with a total estimated investment capital of about VND 950 billion, achieving a total additional output of about 2 million tons of refined kaolin by 2015.

Deeply processed products of kaolin ore are refined kaolin powder used in the ceramic and porcelain industry and for export.

For the list of kaolin ore mining and processing projects in the 2008-2025 period, see Section A2, Appendix 1.

4. Magnesite ore mining and processing

Deeply processed products of magnesite ore

are metal magnesium and caustic and sintered magnesite for manufacturing refractory materials.

a/ In 2008-2015 period:

- In 2010 and 2011: To conduct a feasibility study and formulate a master plan on magnesite ore mining and processing in Kon Quong area, Gia Lai province;

- To invest in the construction of a sorting and mining complex with an output of 200,000 tons of primary ore/year in the first phase;

- To invest in the construction of a caustic and sintered magnesite plant with an output of 100,000 tons of products/year for manufacturing refractory materials.

b/ In the 2016-2025 period:

- To make investment to raise the capacity of the ore mining and sorting complex (phase II) to 400,000 tons of primary ore/year.

- To invest in the construction of a metal magnesium refining plant of a capacity of 45,000 tons of magnesium bar/year, using chloride electrolytic dissociation technology or Pidgeon technology;

Deeply processed products of magnesite ore are metal magnesium and caustic and sintered magnesite for manufacturing fireproof materials. For magnesite ore mining and processing projects in the 2008-2025 period, see Section C, Appendix 1.

VI. Investment capital

Investment capital for the exploration, mining and processing of raw material white

limestone, feldspar, kaolin and magnesite in the planned period is estimated at VND 16,844 billion, including VND 5,164 billion for the up-to-2015 period and VND 11,680 billion for the 2016-2025 period.

Investment capital sources include capital funded by enterprises themselves, the State's development investment loans and commercial loans, and foreign direct investment capital.

VII. Principal solutions and policies

1. General solutions and policies

- To process high-quality raw material white limestone, feldspar, kaolin and magnesite and their products to fully meet domestic demands while reserving a rational volume of deeply processed products for export; as the total white limestone deposit, both surveyed and estimated, is huge (35 billion tons), export of white limestone products (powder and piece) will not be restricted during the planned period;

- To further decentralize the management of natural resources, improve regulations on bidding in mineral activities and promote such bidding; to set up joint-stock companies with the participation of experienced and capable organizations and individuals to invest in mineral exploration, mining and deep processing. To encourage the diversification of ownership forms, attract domestic and foreign resources for the development of the raw material white limestone, feldspar, kaolin and magnesite mining and processing industry in the direction of prioritizing capable domestic enterprises and associating with foreign parties

in processing activities requiring high technologies;

- To raise enterprises' social responsibility in raw material white limestone, feldspar, kaolin and magnesite activities through making contributions to building infrastructure; training and employing local laborers; adopting measures to take the initiative in protecting the eco-environment and actively participating in improving the social environment.

2. Specific solutions and policies

a/ Market solutions: To build and develop a domestic market for raw material white limestone, feldspar, kaolin and magnesite operating according to the market mechanism under the state management according to Vietnam's integration roadmap, forming close cooperation and association so as to ensure the supply of raw materials for processing establishments which have been or will be built so that they can take up the domestic market while step by step entering the international market.

b/ Science and technology research, transfer and application

- To attach importance to the research into and application of advanced mining technologies. To perfect and upgrade existing ore mining and processing technologies. To research into and formulate processes and technologies for mining and processing high-quality products through association between the State, science and technology enterprises and mining and processing enterprises of all

economic sectors;

- To cooperate with foreign parties in researching and producing high-quality products from raw material white limestone, feldspar, kaolin and magnesite for export.

c/ Human resources training and development: To collaborate with training establishments (job-training schools, colleges and universities) in providing training, re-training and hands-on training on mining, mineral processing and metallurgy for laborers and scientists, taking into account the scope and conditions of white limestone, feldspar, kaolin and magnesite mining in Vietnam. To attach importance to the training of qualified business executives specialized in minerals trading so as to meet enterprise development requirements in the context of competition and integration.

d/ Environmental protection: To fully and strictly implement measures to actively protect the environment in mineral exploration, mining and sorting activities through the application of modern and environmentally friendly technologies (strictly complying with regulations on solid wastes, wastewater, emission; and return water recovery); strictly implement regulations on post-mining ground and environmental rehabilitation. To ensure industrial hygiene and labor safety in production. To encourage the research into and application of advanced environmental treatment technologies in all production stages. State management agencies shall make investment in the procurement of environmental observation and control equipment.

e/ Investment capital solutions

In order to attract about VND 16,844 billion for investment in the development of the white limestone, feldspar, kaolin and magnesite mining and processing industry up to 2025, investment capital is expected to be mobilized from the following sources:

- Capital funded by enterprises themselves;
- Budget capital: supports for investment in technical infrastructure facilities outside the fence of large-scale ore mining, refining and sorting complexes; investment in scientific and technological training and research activities of institutions and schools in the industry;
- State investment credit for projects on investment in ore mining and processing projects in geographical areas with difficult and extremely difficult socio-economic conditions according to current regulations;
- Domestic and foreign commercial loans;
- Foreign investment capital: To mobilize foreign capital for a number of investment cooperation projects in white limestone, feldspar, kaolin and magnesite exploration, mining and processing.

f/ State management

- To periodically scrutinize, update and adjust the planning on the development of the white limestone, feldspar, kaolin and magnesite exploration, mining and processing industry in accordance with the socio-economic development in the country and the world;
- To formulate and improve regulations on the management of mineral exploration, mining

and processing in order to ensure consistency, avoid overlap and increase effectiveness in the management, protection and exploitation of white limestone, feldspar, kaolin and magnesite;

- To reorganize the work of natural resources administration and make statistics and reporting on white limestone, feldspar, kaolin and magnesite activities from the grassroots to provincial and ministerial level. To work out measures to strictly handle organizations and individuals that fail to fully observe the laws on minerals and the environment. To enhance examination of mineral activities in order to prevent the illegal exploitation and export of minerals;

- To scrutinize and revise criteria on calculation of white limestone, feldspar, kaolin and magnesite deposits in conformity with the increasing prices of refined ores and products processed from white limestone, feldspar, kaolin and magnesite as well as scientific and technological advances in mining and processing stages.

VIII. Organization of implementation

1. The Ministry of Industry and Trade shall publicize and direct the organization of the implementation of the Plan; periodically, update and adjust the Plan; propose mechanisms and policies on sustainable development of white limestone, feldspar, kaolin and magnesite mining and processing industry, ensuring consistency and conformity with the socio-economic development situation and international integration roadmap.

2. The Ministries of Natural Resources and Environment; Science and Technology; Planning and Investment; Finance; Transport; Agriculture and Rural Development; and Information and Communication shall, within their functions and tasks, assume the prime responsibility for, and coordinate with the Ministry of Industry and Trade in, implementing solutions and policies set forth in this Decision.

3. Provincial-level People's Committees

- To organize the management and protection of white limestone, feldspar, kaolin and magnesite resources in their localities; to prevent the illegal mining and export of minerals;

- To elaborate and submit to People's Councils of the same level local plans on white limestone, feldspar, kaolin and magnesite exploration, mining and processing in conformity with this Plan. To zone off, and approve lists of, areas where mining activities are banned, temporarily banned or restricted;

- To coordinate with state management agencies and enterprises in implementing projects stated in this Decision.

Article 2. This Decision takes effect 15 days after its publication in "CONG BAO."

Article 3. Ministers, heads of ministerial-level agencies, heads of government-attached agencies and presidents of provincial-level People's Committees shall implement this Decision.

Minister of Industry and Trade
VU HUY HOANG

**APPENDIX 1. LIST OF EXPLORATION SCHEMES AND INVESTMENT PROJECTS ON
RAW MATERIAL KAOLIN, FELDSPAR, WHITE LIMESTONE AND MAGNESITE
MINING AND PROCESSING IN THE 2008-2015 PERIOD, WITH A VISION TOWARD 2025
TAKEN INTO CONSIDERATION**

(To the Industry and Trade Minister's Decision No. 47/2008/QĐ-BCT of December 17, 2008)

A1. Kaolin ore exploration schemes in the 2008-2015 period

No.	Names of ore mines and areas planned for exploration	Geographical location	2008-2015		2016-2025	
			Target (thousand tons)	Investment capital (VND billion)	Target (thousand tons)	Investment capital (VND billion)
I	Lao Cai province					
2	Ngoi Xum - Ngoi An	Thai Nien commune, Bao Thang district	3,000	4.5		
2	Lang Bon	Minh Tam commune, Bao Yen district	1,000	3		
3	Ban Phiet	Ban Phiet, Ban Cam, Phong Hai and Thai Nien communes, Bao Thang district	1,000	1.5		
II	Yen Bai province					
1	Yen Thai - Bao Dap	Yen Thai commune, Van Yen district, and Bao Dap commune, Tran Yen district	1,500	3		
2	Na Kha	Minh Xuan commune, Luc Yen district	1,500	3		

III	Vinh Phuc province					
1	Xom Moi (former Thanh Van)	Thanh Van commune, Tam Duong district	1,500	4		
2	Dinh Trung	Dinh Trung commune, Tam Duong district	5,000	5	3,000	3
IV	Thai Nguyen province					
1	Phuong Nam 3 and Tan Lap	Phu Lac commune, Dai Tu district	5,000	10		
V	Thua Thien - Hue province					
1	Khanh My	Phong Thu commune, Phong Dien district			1,000	3
2	Van Xa	Huong Van commune, Huong Tra district	4,000	9	3,000	6
3	Phu Vinh (former highway 12)	East of Bot Do marketplace, Phu Vinh commune, A Luoi district	1,500	4.5		
4	A Sau	Huong Lam commune, A Luoi district	1,000	3		
VI	Quang Ngai province					
1	Dong Troi	Tinh Hiep commune, Son Tinh district	4,000	6	4,000	6
2	Nghia Thang - Nghia Thuan	Nghia Thang and Nghia Thuan communes, Tu Nghia district	4,000	4	4,000	6

3	Ba Gia	Tinh Dong and Tinh Bac communes, Son Tinh district			3,000	3
VII	Dak Lak province					
1.	Ea Knop	Ea Tih commune, Ea Knop township, Ea Kar district	2,500	3		
VIII	Dak Nong province					
1	Dak Ha	Dak Ha commune, Dak Klong district	6,000	9	6,000	9
IX	Tay Ninh province					
1	Suoi Ngo	Suoi Ngo commune, Tan Chau district			3,000	6
X	Binh Phuoc province					
1	Minh Duc	Minh Duc commune, Binh Long district			2,000	6
2	Tan Hiep	Dong No commune, Long Binh district	3,000	9		
3	Suoi Lanh	Dong No commune, Long Binh district			1,500	4.5
4	Suoi Bang Xom	Dong No commune, Long Binh district			3,000	9
5	Suoi Doi	Chon Thanh township, Chon Thanh district			2,000	6
6	Nam Suoi Cai	Chon Thanh township, Chon Thanh district			3,000	9

7	Hamlet 1, hamlet 5 and hamlet 6	Minh Hung commune, Chon Thanh district	2,000	5		
XI	Binh Duong province					
1	Suoi Thon	An Long commune, Phu Giao district			4,000	6
2	Ben Tuong	Chanh Phu Hoa commune, Ben Cat district			2,000	6
3	An Lap	An Lap commune, Dau Tieng district	1,500	3		
4	Vinh Tan	Tan Lap commune, Tan Uyen district			5,000	9
5	Hoa Dinh	Thoi Hoa commune, Ben Cat district	4,000	6	4,000	6
6	Tan Uyen	Uyen Hung township, Tan Uyen district			4,000	10
Total			53,000	95,5	57,500	113,5

A2. List of kaolin ore mining and processing projects in the 2008-2025 period

Unit of capacity: 1,000 tons of product/year

No.	Names of ore mines and areas planned for exploration	Geographical location	2008-2015		2016-2025	
			Capacity	Investment capital (VND billion)	Capacity	Investment capital (VND billion)
I	Lao Cai province					
1	Ngoi Xum - Ngoi An	Thai Nien commune, Bao Thang district	50	42	+50	28

2	Lang Bon	Minh Tam commune, Bao Yen district			40	28
3	Ban Phiet (production expansion)	Ban Phiet, Ban Cam, Phong Hai and Thai Nien communes, Bao Thang district	+40	28		
II	Yen Bai province					
1	Yen Thai - Bao Dap	Yen Thai commune, Van Yen district, and Bao Dap commune, Tran Yen district	40	28		
III	Vinh Phuc province					
1	Xom Moi (former Thanh Van)	Thanh Van commune, Tam Duong district	50	35		
2	Dinh Trung	Dinh Trung commune, Tan Dong district	50	35		
IV	Thai Nguyen province					
1	Phuong Nam 3 and Tan Lap	Phu Lac commune, Dai Tu district	70	49		
V	Quang Binh province					
1	Bac Ly (production expansion)	Loc Ninh and Dai Loc communes, Dong Hoi town	+50	42	+50	28
VI	Thua Thien - Hue province					
1	Khanh My	Phong Thu commune, Phong Dien district			20	14

2	Van Xa	Huong Van commune, Huong Tra district	50	35		
3	Phu Vinh (former highway 12)	East of Bot Do marketplace, Phu Vinh commune, A Luoi district	20	10		
4	A Sau	Huong Lam commune, A Luoi district	20	10		
VII	Quang Ngai province					
1	Dong Troi	Tinh Hiep commune, Son Tinh district	60	42		
2	Nghia Thang - Nghia Thuan	Nghia Thang and Nghia Thuan communes, Tu Nghia district	60	42		
3	Ba Gia	Tinh Dong and Tinh Bac communes, Son Tinh district			50	35
VIII	Dak Lac province					
1.	Ea Knop	Ea Tih commune, Ea Knop township, Ea Kar district	70	34		15
IX	Dak Nong province					
1	Dak Ha	Dak Ha commune, Dak Klong district			150	105
X	Lam Dong province					
1	Da Quy	Ward 11, Da Lat city	15	20		
2	Loc Tan - Loc Chau (production expansion)	Loc Tan and Loc Chau communes, Bao Loc town	+50	90		

3	Loc Chau (village 1)	Loc Chau commune and Bao Loc town	100	160		
4	Dai Lao	Dai Lao commune, Bao Loc town	50	80		
5	1-2 ore refining plants	Bao Loc town	15-30	32-64		
XI	Tay Ninh province					
1	Suoi Ngo	Suoi Ngo commune, Tan Chau district			50	35
XII	Binh Phuoc province					
1	Minh Duc	Minh Duc commune, Binh Long district			50	35
2	Tan Hiep	Dong No commune, Long Binh district	50	35		
3	Suoi Lanh	Dong No commune, Long Binh district	35	25		
4	Suoi Bang Xom	Dong No commune, Long Binh district			70	49
5	Suoi Doi	Chon Thanh township, Chon Thanh district			40	28
6	Nam Suoi Cai	Chon Thanh township, Chon Thanh district			70	49
7	Hamlet 1, hamlet 5 and hamlet 6	Minh Hung commune, Chon Thanh district	40	28		
XIII	Binh Duong province					
1	Suoi Thon	An Long commune, Phu Giao district			60	42

2	Long Nguyen	Long Nguyen commune, Ben Cat district	35	25		
3	Ben Tuong	Chanh Phu Hoa commune, Ben Cat district			40	28
4	An Lap	An Lap commune, Dau Tieng district	30	20		
5	Vinh Tan	Tan Lap commune, Tan Uyen district			60	42
6	Hoa Dinh	Thoi Hoa commune, Ben Cat district	70	49		
7	Tan Uyen	Uyen Hung township, Tan Uyen district			60	42
Total			1,135	1,028	860	603

B1. List of feldspar ore exploration schemes in the 2008-2025 period

No.	Names of ore mines and areas planned for exploration	Geographical location	2008-2015		2016-2025	
			Target (thousand tons)	Investment capital (VND billion)	Target (thousand tons)	Investment capital (VND billion)
I	Lao Cai province					
1	Minh Tan - Long Phuc mining area	Minh Tan, Yen Son, Luong Son and Long Phuc communes, Bao Yen district	4 (Luong Son)	7	4 (Long Phuc - Minh Tan)	9
2	2 schemes	Ngoi Thi area			(two mines)	14

3	1-2 schemes	Tham Duong - Lang Giang area			(1-2 mines)	7-14
II	Yen Bai province					
1	Yen Thai - Bao Dap mining area	Yen Thai commune, Van Yen district, Bao Dap commune, Tran Yen district	9	10-17	2-3 (peripheral areas)	5
2	1 scheme	Tan Thinh - Bang Doan area, Phu Tho and Yen Bai provinces (covering an area of Phu Tho province)			(1 mine)	
III	Tuyen Quang province					
1	Binh Man kaolin and feldspar mine (13.7 ha)	Son Nam commune, Son Duong district	2 (kaolin and feldspar)	10 (4+6)		
2	Thai Son kaolin and feldspar mine (40 ha)	Thai Son commune, Ham Yen district				
3	Thang Loi and Phu Da kaolin and feldspar ore areas (50 ha)	Hao Phu commune, Son Duong district	Further exploration	5 (2+3)		
4	Tan Binh kaolin and feldspar mine (108 ha)	Dai Phu commune, Son Duong district	2,5	4		

5	Van Son kaolin and feldspar mine (10.7 ha)	Van Son commune, Son Duong district	1,5	2		
6	Dong Ben kaolin and feldspar mine (49 ha)	Thanh Long commune, Nam Yen district	3	5		
7	Dong Danh kaolin and feldspar mine (350 ha)	Dong Danh commune, Son Duong district	6	8		
8	1 scheme	Van Son - Lam Xuyen ore area	(1 mine)	7		
IV	Phu Tho province					
1	Doi Gianh - Ba Tri, Ba Bo, Doi Dao and Hang Doi mines	Thanh Khoang feldspar ore area	Further exploration	8		
2	Ngot mine	Son Thuy commune, Tam Thanh district, and Tat Thang commune, Thanh Son district	1-1.5 Further exploration	2		
3	Duc Keo	Huong Xa commune, Ha Hoa district				
V	Quang Nam province					
1	Tra My-Tien Lap mining area	Tra My, Tra Duong and Tra Dong communes, Tra My district, and Tien Hiep, Tien An and Tien Lap communes, Tien Phuoc district	3 (Tien Lap, Tra Dong and Tra My)	8	3-4 (Tien Hiep)	7

VI	Gia Lai province					
1	Tan Ro	Son Lang commune, K'bang district	2.5	7		
2	Ia Hreh	Ia Hreh and Krong Hnang communes, Krong Pa district		7		
VII	Dak Lak province					
1	Ea Krong Hnang	Ea Knop township, Ea Kar district	Further exploration	2		
2	Krong Hnang	Krong Jing commune, M'Drak district			0.5	2
VIII	Ha Giang province					
1	2 schemes	South of Chay river, Bac Quang - Quang Binh			(2 mines)	14
IX	Thua Thien - Hue province					
1	1 scheme	Huong Phong - A Roang area	(1 mine)	7		
Total			32-35	100-106	18-24	58-63

B2. List of feldspar ore mining and processing projects in the 2008-2025 period

Unit of capacity: 1,000 tons of product/year

No.	Name of project (group of projects)	Name of province	Capacity	Investment capital (VND billion)
A	In the 2008-2015 period			
I	Phu Tho province			
1	Maintaining the mining and processing capacity of Doi Gianh-Ba Tri, Ba Bo, Hang Doi, Mo Ngot and Doi Dao mines	Phu Tho	100	45-70
2	Investing in the stage of feldspar ore floatation in the existing mill in Mo Ngot	Phu Tho	47	30
3	Expanding feldspar ore mining in Doi Gianh-Ba Tri mines	Phu Tho	+50	20
4	Expanding feldspar ore mining in Ngot mine	Phu Tho	+60	20
II	Tuyen Quang province			
1	Kaolin and feldspar ore mining in Binh Man and Thai Son areas and building Binh Man kaolin and feldspar processing plants in Son Nam industrial clusters	Tuyen Quang	50 (kaolin and feldspar)	35
III	Gia Lai province			
1	Feldspar ore mining in Tan Ro mine	Gia Lai	100	50
2	Feldspar ore mining and processing in Ia Hreh mine	Gia Lai	100	50
IV	Lao Cai province			
1	Feldspar ore mining in Luong Son, Minh Tan-Long Phuc mining area, phase I	Lao Cai	200	120

V	Yen Bai province			
1	Feldspar ore mining in Yen Thai-Bao Dap mining area, phase 1	Yen Bai	200	150
VI	Quang Nam province			
1	Feldspar ore mining in Tien Lap, Tra My-Tien Lap mining area, phase 1	Quang Nam	100	80
VII	Thua Thien Hue province			
1	Feldspar ore (aplite) mining in Huong Phong - A Roang area (1 mine)	Thua Thien Hue	50	30 50
VIII	Dak Lak province			
1	Expanding feldspar ore mining in Ea Krong Hnang mine	Dak Lak	+15	10
B	In the 2016-2025 period			
I	Lao Cai province			
1	Feldspar ore mining in Long Phuc, Minh Tan-Long Phuc mining area, phase 2	Lao Cai	+ 100	60
2	Feldspar ore mining in Minh Tan, Minh Tan - Long Phuc mining area, phase 3	Lao Cai	-	50
II	Yen Bai province			
1	Expanding feldspar ore mining in Yen Thai Bao Dap mining area, phase 2	Yen Bai	+ 100	60
2	Feldspar ore mining in the peripheral area of Yen Thai - Bao Dap mining area, phase 3	Yen Bai	-	50

III	Quang Nam province			
1	Feldspar ore mining in Tra Dong and Tra My, Tra My-Tien Lap mining area, phase 2	Quang Nam	+50	30
2	Feldspar ore mining in Tien Hiep, Tra My-Tien Lap mining area, phase 3		-	50
IV	Dak Lak province			
1	Feldspar ore mining in Krong Hnang mine	Dak Lak	50	20-50
V	Tuyen Quang province			
1	Feldspar ore mining in Van Son - Lam Xuyen area, except Hao Phu commune	Tuyen Quang	150 (max)	60
VI	Lao Cai, Ha Giang and other provinces			
1	4-5 investment projects on feldspar ore mining in Ngoi Thi, Tan Thinh -Bang Doan, Tham Duong - Lang Giang areas; the area south of Chay river and some other areas	Lao Cai, Ha Giang and other provinces	400 (total capacity of projects)	230-250
	Total capital demand of investment projects on feldspar ore mining and processing in 2008-2025 period			1,235-1,345

Note. "+" in the column "Capacity" indicates the additional capacity of mining and processing expansion projects.

C. List of magnesite ore exploration, mining and processing schemes in the 2008-2025 period

No.	Name of ore mine and area planned for exploration	Geographical location	2008-2015		2016-2025	
			Target (thousand tons)	Investment capital (VND billion)	Target (thousand tons)	Investment capital (VND billion)
I	Exploration					
1	Kon Queng	Konchro district, Gia Lai province	18,000	15		
2	Western Kong Queng	Konchro district, Gia Lai province	6,000	6		
	Total I		24,000	21		
II	Mining and processing					
1	Kon Quang mining and sorting complex	Konchro district, Gia Lai province	200	143		
2	Caustic and sintered magnesite plant	Konchro district, Gia Lai province	100	150		
3	Expanding Kon Queng mining and sorting complex	Konchro district, Gia Lai province			400	150
4	Metal magnesium refining plant	Konchro district, Gia Lai province			45	200
	Total II		300	293	445	350
	Total (I+ II)			314		350

**APPENDIX 2. LIST OF WHITE LIMESTONE EXPLORATION, MINING AND
PROCESSING SCHEMES IN THE 2008-2015 PERIOD**

*(To the Industry and Trade Minister's Decision No. 47/2008/QĐ-BCT of
December 17, 2008)*

A. Projects which have been granted exploration licenses

No.	Location and area of mine and mining area planned for exploration	License No.	Duration of validity, area	Name of organization
I	Bac Kan province			
1	Dan Chang, Tan Lap commune, Cho Don district	788/GP-BTNMT of April 7, 2008	12 months 5+20 ha	An Thinh Joint-Stock Company
2	Phya Bang-Phya Cheng, Dong Phuc commune, Ba Be district	215/GP-BTNMT of February 1, 2008	24 months	Encotech Vietnam Joint-Stock Company
3	Dan Khao, Tan Lap commune, Cho Don district	1136/GP-BTNMT of May 30, 2008	24 months	Son Trang Construction Joint-Stock Company
4	Bo Pia, Bang Phuc commune, Cho Don district	1118/GP-BTNMT of May 29, 2008	24 months	Son Trang Construction Joint-Stock Company
II	Ha Nam province			
1	Thung Duoc, Thanh Thuy commune, Thanh Liêm district	1077/GP-BTNMT of May 23, 2008	12 months	Hanstar Limited Liability Company
III	Yen Bai province			
1	Mong Son VII, Mong Son commune, Yen Binh district	1137/GP-BTNMT of May 31, 2008	12 months 17.6 ha	Phanxipang Construction and Trade Limited Liability Company
2	Mong Son VIII, Mong Son commune, Yen Binh district	1134/GP-BTNMT of May 30, 2008	12 months 15 ha	Binh Long Construction Limited Liability Company

3	Minh Tien I, Minh Tien commune, Yen Dinh district	1048/GP-BTNMT of May 20, 2008	12 months 28 ha	Hanoi Electrical Equipment and Engineering Joint-Stock Company
4	Doc Thang, Yen The commune, Luc Yen district	1003/GP-BTNMT of April 15, 2008	12 months 15.6 ha	Hong Nam Joint-Stock Company
5	Tham Then mount, Tan Lap commune, Luc Yen district	872/GP-BTNMT of April 25, 2008	12 months 53 ha	Nam Viet Investment and Consultancy Joint-Stock Company
6	Minh Tien, Minh Tien commune, Luc Yen district	935/GP-BTNMT of May 6, 2008	18 months 56.4 ha	An Binh Trade and Service Joint-Stock Company
7	Vinh Lac (I), Vinh Lac commune, Luc Yen district	852/GP-BTNMT of April 21, 2008	30.1 ha	Kim Son Investment Minerals Joint-Stock Company
8	Mong Son V, Mong Son commune, Yen Binh district	612/GP-BTNMT of March 26, 2008	12 months 52 ha	Hoa Binh Minh Corporation
9	Mong Son IV, Mong Son commune, Yen Binh district	589/GP-BTNMT of March 21, 2008	12 months	Hoang Dai Thanh Limited Liability Company
10	Dam Tan Minh 2, Mong Son commune, Yen Binh district	538/GP-BTNMT of March 17, 2008	12 months	Industrial Production and Trade Joint Stock Company
11	Lang Lanh II, Lieu Do commune, Luc Yen district	239/GP-BTNMT of February 13, 2008	12 months 36 ha	Chan Thien My Production and Trade Limited Liability Company
12	Dan Khao, Vinh Lac (II) and Minh Tien communes, Luc Yen district	214/GP-BTNMT of February 1, 2008	12 months 26 ha	Nu Hoang Trade Limited Liability Company

13	Mong Son IV, Mong Son commune, Yen Binh district	213/GP-BTNMT of February 1, 2008	12 months 10.6 ha	Development Joint-Stock Company
14	Lang Lanh, Lieu Do commune, Luc Yen district	04/GP-BTNMT of January 3, 2008	12 months 35 ha	Thai Duong Services and Job-Training Joint-Stock Company
15	Ban Nghe II, Yen Thang commune, Luc Yen district	1943/GP-BTNMT of November 30, 2007	12 months 40.7 ha	Viet Duc Mining and Metallurgy Joint-Stock Company
16	Coc Ha I, Yen The township, Luc Yen district	1942/GP-BTNMT of November 30, 2007	12 months 6.16 ha	Dai Hoang Long Limited Liability Company
17	Can village (Mong Son III), Mong Son commune, Yen Binh district	1941/GP-BTNMT of November 30, 2007	12 months 13.7 ha	Mong Son Joint-Stock Company
18	Dam Dinh (expanded), Mong Son commune, Yen Binh district	1197/GP-BTNMT of August 9, 2007	12 months 48 ha	Granite Production Limited Liability Company (GRANIDA)
19	Dao Lam I, Luc Yen township, Luc Yen district	06/GP-DCKS of March 23, 2007	6 months 8.56 ha	Dong Do Company, the Ministry of Defense
20	Khu Tu Ka, An Phu commune, Luc Yen district	06/GP-DCKS of October 30, 2006	6 months 6.5 ha	Thai Duong Services and Job-Training Joint-Stock Company
21	Coc Ha III, Yen The township, Luc Yen district	1063/GP-BTNMT of August 11, 2006	6 months 6.3 ha	Yen Bai Minerals Joint-Stock Company
22	Dam Dinh., Vinh Lac commune, Luc Yen district	919/GP-BTNMT of July 6, 2006	6 months 52.2 ha	Granite Production Limited Liability Company (GRANIDA)

23	Ban Nghe, Yen Thang commune, Luc Yen district	914/GP-BTNMT of July 5, 2006	6 months 15.6 ha	Hung Dai Son Construction, Production, Trade and Service Limited Liability Company
24	Trung Thanh village, Minh Tien commune, Luc Yen district	1693/GP-BTNMT of November 26, 2004	9 months 32 ha	Quang Phat Limited Liability Company
IV	Nghe An province			
1	Trung Do, Tan Hop commune, Tan Ky district	1135/GP-DCKS of May 29, 2008, in replacement of license No. 14/GP-DCKS of November 30, 2006	12 months 42 ha	
2	Thung Vuot, Tan Hop commune, Tan Ky district	1117/GP-BTNMT of May 29, 2008	12 months 12 ha	Son Nam Joint-Stock Company
3	Thung Thom, Chau Cuong commune, Quy Hop district	1105/GP-BTNMT of May 28, 2008	12 months 20.62 ha	Mien Tay Mineral Consultancy and Mining Company
4	Ban Cong, Chau Hong commune, Quy Hop district	1021/GP-BTNMT of May 16, 2008	12 months 25.4 ha	Dong Hop Limited Liability Company
5	Thung Co Trong, Lien Hop commune, Quy Hop district	1020/GP-BTNMT of May 16, 2008	12 months 14.9 ha	An Loc Minerals Joint-Stock Company
6	Thung Sanh Tai, Lien Hop commune, Quy Hop district	858/GP-BTNMT of April 22, 2008	24 months 19.5 ha	Hoang Gia Facing Stone Joint-Stock Company
7	Thung Tom, Tan Hop commune, Tan Ky district	857/GP-BTNMT of April 22, 2008	12 months 7.29 ha	Phu Thuong Limited Liability Company

8	Chau Hong, Chau Hong commune, Quy Hop district	634/GP-BTNMT of March 28, 2008	9 months 19.4 ha	Omya Vietnam Minerals Company
9	Thung Pha Liu, Chau Tien commune, Quy Hop district	95/GP-BTNMT of January 11, 2008	12 months	Dong Tien Joint-Stock Company
10	Thung Co, Lien Hop commune, and Thung Diem, Chau Loc commune, Quy Hop district	77/GP-BTNMT of January 11, 2008	12 months 19.15 ha	Dat Viet Construction and Investment Cooperation Joint-Stock Company
11	Thung Pen, Chau Hong commune, Quy Hop district	2128/GP-BTNMT of December 21, 2007	24 months 29 ha	Chinh Nghia Limited Liability Company
12	Thung Pha Nghien, Chau Tien commune, Quy Hop district	1976/GP-BTNMT of December 10, 2007	24 months 58.8 ha	Lam Hong Trade, Service and Transport Limited Liability Company
13	Thung Xan, Lien Hop and Chau Loc communes, Quy Hop district	1741/GP-BTNMT of November 5, 2007	12 months 26.35 ha	Vietnam Mineral Export and Mining Joint-Stock Company
14	Thung May, Tan Hop commune, Tan Ky district	1664/GP-BTNMT of October 26, 2007	12 months 17.65 ha	Hoang Danh Limited Liability Company
15	Loa But, Tan Xuan and Giai Xuan communes, Tan Ky district	1663/GP-BTNMT of October 26, 2007	12 months 18.86 ha	Tin Hoang Limited Liability Company
16	Thung Den, Chau Cuong commune, Quy Hop district	1427/GP-BTNMT of September 20, 2007	24 months 60 ha	Lien Hiep Production, Trade and Services Limited Liability Company

17	Thung Nam and Thung Heo, Chau Cuong commune, Quy Hop district	1219/GP-BTNMT of August 14, 2007	24 months 24.91 ha	Phu Quy Stone Limited Liability Company
18	Thung Xen Xen, Chau Loc commune, Quy Hop district	10/GP-DCKS of May 14, 2007	24 months 22 ha	Quang Long Production and Trade Joint-Stock Company
19	Ban Duoc, Lien Hop commune, Quy Hop district	15/GP-DCKS of November 30, 2006, in replacement of license No. 374/GP-BTNMT of April 7, 2006	18 months 63.18 ha	

B. Projects in which investment has been approved

No.	Geographical location of the area proposed for exploration	Area (ha)	Name of company	Note
1	Bac Kan province			
1	Ban Moi, Nam Cuong commune, and Na Lit, Tan Lap commune, Cho Don district	16	Hung Dung Limited Liability Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
2	Coc Lieng, Hoang Tri commune, Ba Be district	30	Encotech Vietnam Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
II	Tuyen Quang province			
1	Km 54-57 (Da Den mount), Ham Yen district	35	Alliance Limited Liability Company (India)	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade

III	Yen Bai province			
1	Lieu Do commune, Luc Yen district	56.5	Hanoi Mineral and Construction Joint- Stock Company	Having obtained opinions of provincial-level People's Committee
2	Lieu Do commune, Luc Yen district	49.8	Viet Long Stone Exploitation and Processing Joint- Stock Company	Having obtained opinions of provincial-level People's Committee
3	Lieu Do commune, Luc Yen district	42.68	Tuong Phu Stone Exploitation and Processing Joint- Stock Company	Having obtained opinions of provincial-level People's Committee
4	Mong Son commune, Binh Yen district	25.6	ISA Informatics Joint-Stock Company	Having obtained opinions of provincial-level People's Committee
5	Ban Ro, Phan Thanh commune, Luc Yen district	45	Nong Cao Joint- Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
6	Khau Ca, An Phu commune, Luc Yen district	20	VINAVICO Mining and Investment Joint- Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
7	Minh Tien commune, Luc Yen district	100	Yen Bai Minerals and Investment Company	Having obtained opinions of provincial-level People's Committee
IV	Nghe An province			
1	Thung Loc, Tan Hop commune, Tan Ky district	21.83	Vu Hoang International Production and Trade Limited Liability Company	Having obtained opinions of provincial-level People's Committee

2	Thung Co, Tan Hop commune, Tan Ky district	25	Kim Vinh Trade Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
3	Len Ke But, Tan Xuan and Giai Xuan communes, Tan Ky district	18.84	Minh Duc Chemicals Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
4	Kcn Co Phat, Lieu Hop commune, Quy Hop district	13.51	An Son Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
5	Thung Lang, Tan Hop commune, Tan Ky district	11.08	Bio-tourism Construction and Investment Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
6	Chau Cuong commune, Quy Hop district	64.45	Long Vu Limited Liability Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
7	Thung Lo, Tan Hop commune, Tan Ky district	27.28	Vietnam Mineral Investment and Development Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
8	Len Ke But, Tan Xuan commune, Tan Ky district	12.36	Mien Tay Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade

9	Man Man mount and Thung Con Cho, Tan Hop commune, Tan Ky district	27.3	Loc Hien private enterprise	Having obtained opinions of provincial level People's Committee and Ministry of Industry and Trade
10	Pha Tham mount, Chau Tien commune, Quy Hop district	7.39	Asia Stone Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
11	Thung Tom, Tan Hop commune, Tan Ky district	8.25	NACONEX Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
12	Len Ke But, Tan Xuan and Giai Xuan communes, Tan Ky district	18.7	Drilling Mud Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
13	Pha Bang mount, Hang Cang village, Chau Loc commune, Quy Hop district	11.3	Trung Duc Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
14	Thung Co, Lien Hop commune, Quy Hop district	29.7	Duc An Limited Liability Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
15	Lien Hop commune, Quy Hop district	40.02	Ha An Minerals Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade

16	Mo Nung, Lien Hop commune, Quy Hop district	25	Thien Long Mineral Exploitation and Import-Export Joint-Stock Company	Being included in Construction Ministry's planning on construction materials
17	Thung Hung, Chau Tien commune, Quy Hop district	10.97	Invecon International Trade and Investment Consultancy Joint-Stock Company	Having obtained opinions of provincial-level People's Committee, Ministry of Industry and Trade and Ministry of Construction
18	Len Bac, Tan Hop commune, Tan Ky district	17.2	Kieu Phuong Limited Liability Company	Having obtained opinions of provincial-level People's Committee, Ministry of Industry and Trade and Ministry of Construction
19	Thung Xan, Lien Hop commune, Quy Hop district	18.6	Thanh Trung Limited Liability Company	Having obtained opinions of provincial-level People's Committee, Ministry of Industry and Trade and Ministry of Construction
20	Thung Duoc, Chau Hong commune, Quy Hop district	31.1	Construction and Transport Facilities Joint-Stock Company 747	Having obtained opinions of provincial-level People's Committee, Ministry of Industry and Trade and Ministry of Construction
21	Chau Quang, Chau Cuong commune, Quy Hop district	13.2	Military Zone 4 International Cooperation Company, the Ministry of Defense	Having obtained opinions of provincial-level People's Committee, Ministry of Industry and Trade and Ministry of Construction

22	Hat hamlet, Chau Tien commune, Quy Hop district	30.4	Nghe Tinh Non-Ferrous Metal State-Owned One-Member Limited Liability Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
23	Chau Hong commune, Quy Hop district	23.59	Nghe An Minerals Joint-Stock Company	Having obtained opinions of provincial-level People's Committee and Ministry of Industry and Trade
24	Ngoc hamlet, Chau Hong commune, Quy Hop district	12.03	Asia Minerals Joint-Stock Company	Having obtained opinions of provincial-level People's Committee
25	Tan Xuan, Tan Ky commune	29.8	Dong Bac Corporation, the Ministry of Defense	Having obtained opinions of provincial-level People's Committee
26	Chau Cuong commune, Quy Hop district	15.1377	Dong Loi Limited Liability Company	Having obtained opinions of provincial-level People's Committee