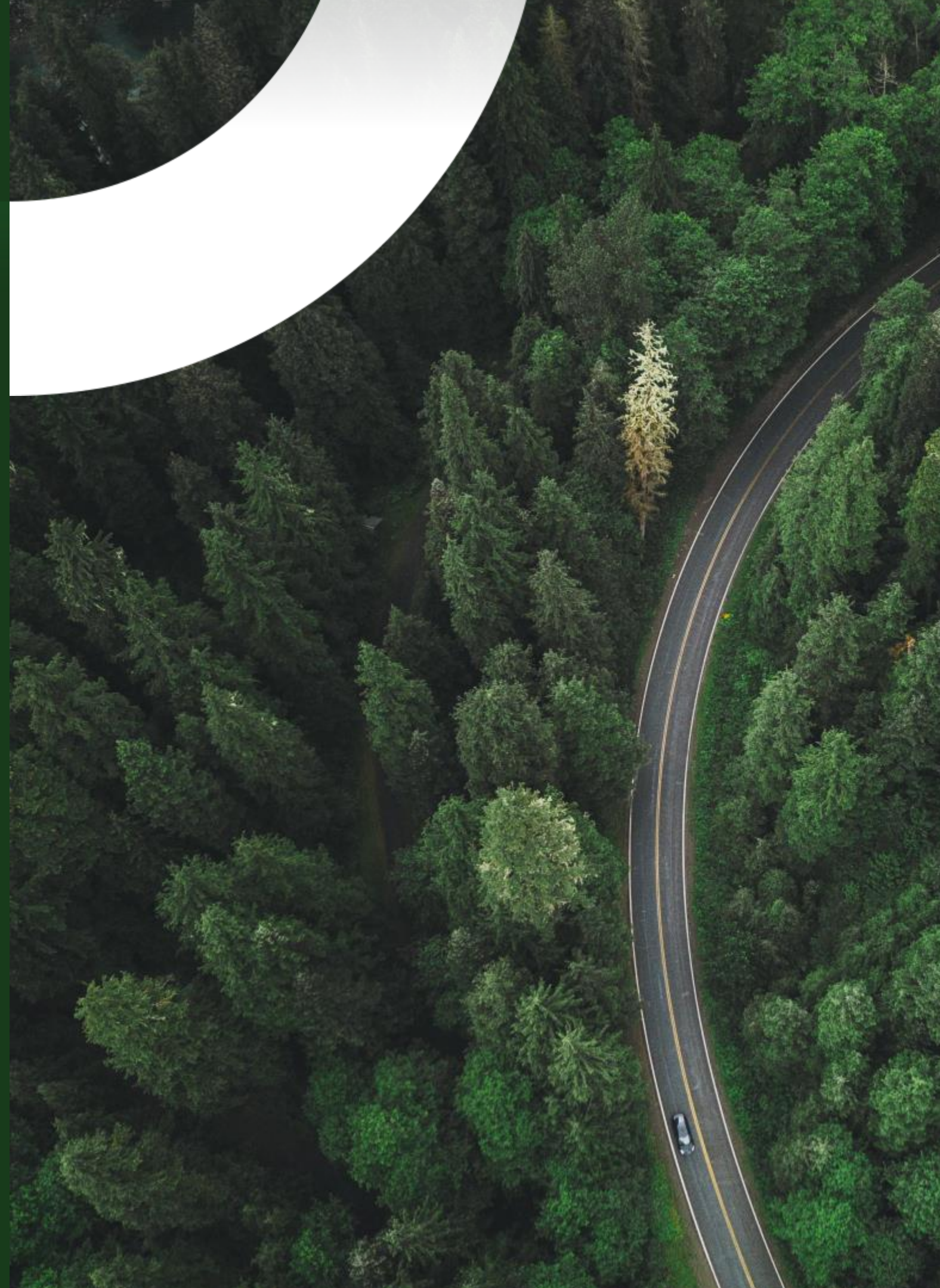


Korea Molybdenum Co., Ltd. business introduction and current status



About Korea Molybdenum

CEO Sung-Young Kang

Company Overview

- ✓ **2021. 04** Established Arc System Co., Ltd.
- ✓ **2022. 01** Signed an MOA with the largest molybdenum deposit mine in Korea
- ✓ **2021. 02** Changed company name to Korea Molybdenum Co., Ltd. / Establishment of Yeongdeok Plant Branch
- ✓ **2022. 03** Started construction of an initial molybdenum refinery worth \$2.25 million
- ✓ **2023. 08** Acquisition of mining rights for the Chungju Daehwa Mine / Establishment of Chungju branch

Company information

- Company Name** Korea Molybdenum Co., Ltd.
- Email** mdjapan@naver.com
- Phone Call** 1661 – 6559
- Homepage** krmo.co.kr
- Address**
 - [head office]** 11th floor, Morris Building, 36, Ugok-ro 217beon-gil, Uichang-gu, Changwon-si, Gyeongsangnam-do
 - [company branch]** Daehwa Mine, 56-54 Neungdong 3-gil(Neungam-ri Mountain 27), Angseong-myeon, Chungju-si, Chungcheongbuk-do

01

Molybdenum mineral status



Molybdenum

What is Molybdenum?

As an element with atomic number 42, it is a silvery gray lustrous metal.

The name molybdenum comes from the Greek word molybdos.

Molybdenum is not abundant, but it is widespread throughout the earth.

It is also contained in trace amounts in the body of animals and plants.

It is mainly produced in the United States and also produced in China, Canada, and Russia.

Molybdenum provides steel that is hard and does not corrode even at high temperatures. It is mainly used for stainless steel and bearings because of its excellent heat resistance and electrodepositive properties. In addition, it is a valuable element that plays an important role in enriching food by fixing nitrogen.



02

Current status of Daehwa Mine permits



문서확인번호 : 4212 - 0344 - 5723 - 3188

광업채굴원부

※주의사항※
채굴권 존속기간 내에도 의무사항을 이행하지 않을 경우 채굴권은 취소될 수 있습니다.

등록번호 제 077227 호

◀ 채굴권 ▶								1-1
표시번호	접수	소재지	광업지적	광종명	면적	채굴권의 존속기간	그 밖의 사항	등록일
1	2008년8월22일 제1853호	충북 충주시 양성면	목계 126호	몰리브덴광	111 ha	2008년8월23일 부터 2028년8월22일 까지 20년	- 조건부 - 군도 및 농어촌도로사업, 하천 및 소하천정비사업, 온천지구개발사업 시행시 보상요구와 광물의 채굴 및 취득에 대한 광업권의 행사 등 일체의 이익을 제기하지 않을 것.	2008년8월22일

Korea Molybdenum Co., Ltd. **acquired** the **mining rights** for **Daehwa Mine** (registration number Mokgye 126) located in Chungju in August 2023. The mining rights for Daehwa Mine are valid until August 2028, and can be maintained thereafter by applying for an extension of the mining rights period. The **average grade** of **molybdenum** in Daehwa Mine is very high, at **over 3%**.

등록번호 제 077227 호

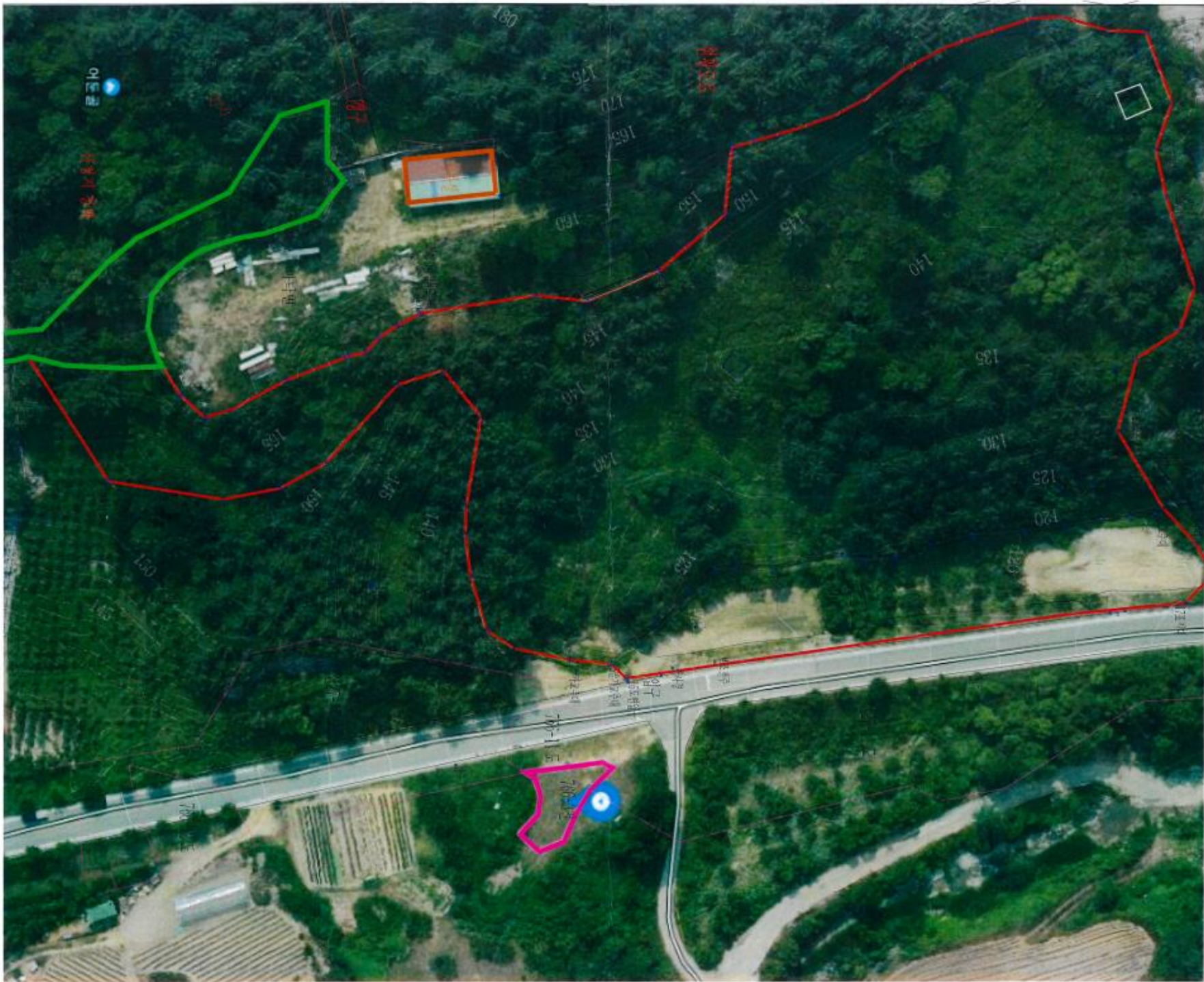
◀ 소 유 권 ▶ [갑 구]						2-4
순위 번호	접수	등기목적	등기원인	등록권리자	그 밖의 사항	등록일
6 부1	2021년6월18일 제814호	광업권 이전등록	2021년6월18일 매매	충청북도 충주시 양성면 능동3길64-42, 가동 대표자 이만조 (591002-*****) 충청북도 제천시 고암로 88, 101동 308호 (고암동, 부강아파트) 안치영 (560602-*****)		2021년6월18일
6 부기1호	2021년8월3일 제1000호	탈퇴등록	2021년8월2일 임의탈퇴		탈퇴자 : 이만조	2021년8월3일
7	2023년8월2일 제728호	광업권 이전등록	2023년8월2일 매매	경상남도 창원시 의창구 우곡로217번길 36, 1101호 (명서동, 모리스빌딩) 주식회사 코리아몰리브덴 (194211-0333592)		2023년8월2일

--이 하 여 백--

After acquiring the mining rights for Daehwa Mine, we immediately began development and **began mining** after **in-mine** test blasting in **October 2023**. We are currently **constructing a beneficiation plant** after obtaining a permit for the Daehwa Mine site owned by the Chungju National Forest Management Office.

location | Daehwa Mine, 56-54 Neungdong 3-gil(Neungam-ri Mountain 27),
Angseong-myeon, Chungju-si, Chungcheongbuk-do

satellite photo ↓



cadastral map ↓

소재지	충청북도 충주시 앙성면 능암리 27번지		
지목	과수원 ?	면적	2,000 m ²
개별공시지가(m ² 당)	14,200원 (2023/01) 연도별보기		
지역지구등 지정여부	「국토의 계획 및 이용에 관한 법률」에 따른 지역·지구등	보전관리지역	
	다른 법령 등에 따른 지역·지구등	가축사육제한구역(모든가축사육제한지역)<가축분뇨의 관리 및 이용에 관한 법률>, (한강)폐기물매립시설 설치제한지역<한강수계 상수원수질개선 및 주민지원 등에 관한 법률>	
「토지이용규제 기본법 시행령」 제9조 제4항 각 호에 해당되는 사항			

확인도면

A cadastral map showing land parcels and boundaries. The map is color-coded: light blue for '보전관리지역' (Conservation Management Area), yellow for '점도구역' (Point Area), pink for '한강폐기물매립시설설치제한지역' (Han River Waste Disposal Facility Installation Restriction Area), and white for '가축사육제한구역' (Livestock Rearing Restriction Area). The map also shows '법정동' (Statutory Dong) and '법정리' (Statutory Ri). The map is labeled '27과' (27-dong) and '27리' (27-ri). The map is titled '범례' (Legend).

범례

- 보전관리지역
- 점도구역
- 한강폐기물매립시설설치제한지역
- 가축사육제한구역
- 법정동

작은글씨확대

축척 1 / 1200

변경

도면크게보기

Advantages and Key Characteristics of the Daehwa Mine

1. Ownership Structure of the Mine Site

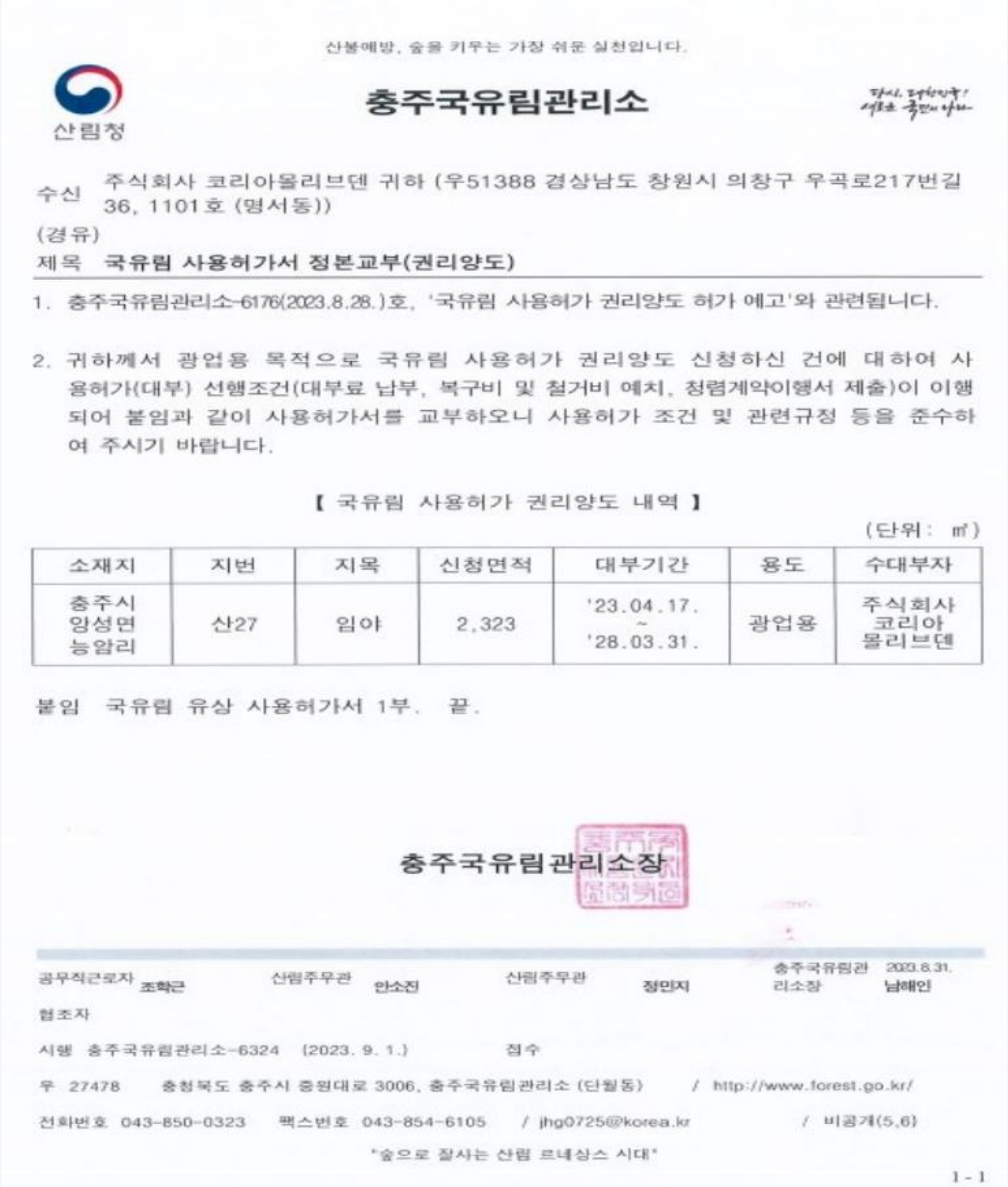
Unlike mines located on privately owned land, where legal disputes between landowners and mining right holders may arise once profits are generated, such risk does not exist for the Daehwa Mine. The mine site is owned by the Chungju National Forest Management Office, an agency under the Korea Forest Service. Our Company has already secured a lease for mining operations, and extension of the lease term is expected to be granted without difficulty under ordinary conditions.

2. High Vein Density within the Mining Area

Most molybdenum mines typically exhibit wide vein dispersion, resulting in low beneficiation output relative to extracted volume. In contrast, the Daehwa Mine features high-density molybdenum vein concentration, enabling a significantly higher beneficiation yield compared to other mines. Additionally, the ore grade at Daehwa averages around 3% Mo, placing it among the high-grade molybdenum deposits. In certain sections of the ore body, entire rock masses consist of molybdenum-bearing mineralization, ensuring stable extraction volume and strong long-term revenue potential.

3. Adjacent Mining Lots: Mokgye No. 125 & Mokgye No. 135

Extensive geological assessment has confirmed that the adjacent mining lots — Mokgye No. 125 and Mokgye No. 135 — also contain molybdenum deposits. The beneficiation plant currently under preparation is strategically located to serve all three licensed mining areas, allowing beneficiation to be processed through a single facility without additional plant construction. This represents a significant competitive advantage in terms of operational efficiency and future scalability.



[Original copy of the mining use permit for the Daehwa Mine site issued by the Chungju National Forest Management Office]

03

Purchase sites and mining plants



Mining operations commenced around October 2023 following the completion of test blasting. At the same time, we completed essential infrastructure works required for the actual operation of the mine, including the construction of the mine access road and surrounding mountain development, power supply facilities, worker accommodations and cafeteria, equipment storage facilities, and the procurement of mining vehicles.

We are currently constructing the ore processing (concentration) plant, and once completed, all concentrated molybdenum produced from the mined ore has been confirmed to be **fully purchased by SeAH 세아M&S**. In addition, several other companies, including **HNX(Hyundai Fine Chemical)**, have expressed a strong interest in purchasing our products.

With a daily mining target of 300 tons, we are capable of producing 6tons per day / 150 tons per month / 1,800 tons per year of concentrated molybdenum after processing. As of Oct 24, 2025, the market price is **KRW 102million per ton** (based on molybdenum content with a purity of 99% or higher).

As the mining right holder of the Daehwa Mine, our company is responsible for the overall operations including extraction, transportation, ore concentration (processing), marketing, and sales of molybdenum.



**mining and
transportation**



**molybdenum
processing**



marketing



sale

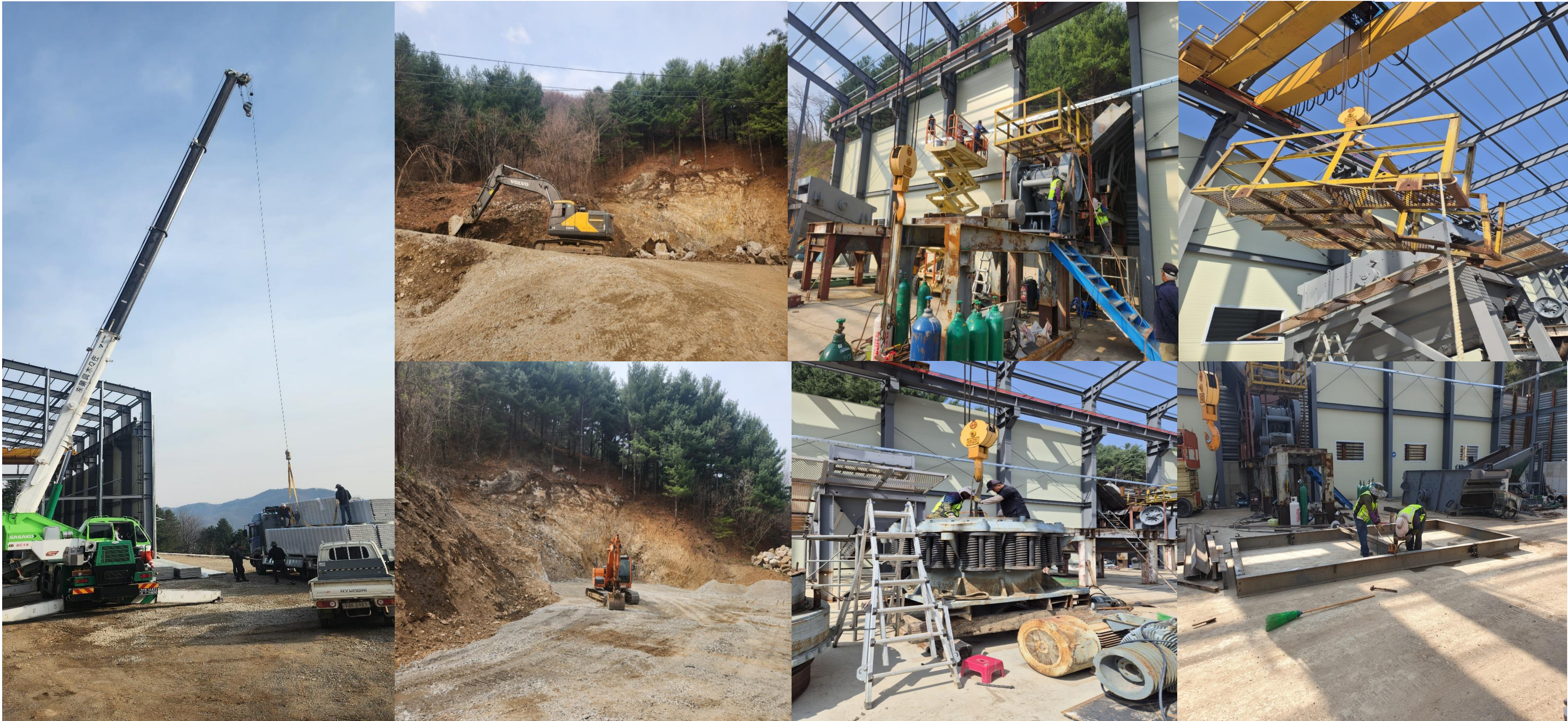
Photos of the construction site of the Chungju branch's Daehwa Mine and the beneficiation plant

↓ Actual mine site photos



Photos of the construction site of the Chungju branch's Daehwa Mine and the beneficiation plant

↓ Actual mine site photos



Photos of the construction site of the Chungju branch's Daehwa Mine and the beneficiation plant

↓ Actual mine site photos



Partial construction and testing of dry processing facilities completed



↑ The equipment shown in the photographs was manufactured by a dry ore processing facility located in Hallim-myeon, Gimhae City, and is scheduled to be relocated and installed at the Daehwa Mine in Chungju upon completion of the ore concentration plant.