



**JABATAN MINERAL DAN GEOSAINS MALAYSIA**  
Department of Mineral and Geoscience Malaysia



**INDUSTRI PERLOMBONGAN  
MALAYSIA 2016**  
Malaysian Mining Industry

**KEMENTERIAN SUMBER ASLI DAN ALAM SEKITAR**  
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**JABATAN MINERAL DAN GEOSAINS MALAYSIA**  
Department of Mineral and Geoscience Malaysia

# **INDUSTRI PERLOMBONGAN MALAYSIA 2016**

Malaysian Mining Industry

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## Prakata Foreword

Industri Perlombongan Malaysia 2016 ini adalah satu laporan yang diterbitkan secara tahunan oleh Jabatan Mineral dan Geosains Malaysia. Ia mengandungi kompilasi data statistik dan maklumat yang komprehensif berkaitan dengan senario industri perlombongan di negara ini.

Tujuan laporan ini adalah untuk memberi gambaran aliran industri perlombongan bagi pelbagai jenis mineral yang dilombong di bawah tenemen mineral dan maklumat lain yang berkaitan dengan industri perlombongan di negara ini. Ini bagi memastikan bekalan komoditi mineral mencukupi untuk memenuhi keperluan tempatan, dan juga bagi negara membuat strategi bekalan dan penggunaan pelbagai mineral secara optimum.

Adalah menjadi harapan jabatan agar laporan ini akan menjadi bahan rujukan berguna dan bermanfaat terutamanya kepada pihak yang berkepentingan, pemain industri dan pelabur di dalam dan luar negara. Jabatan Mineral dan Geosains Malaysia ingin merakamkan setinggi-tinggi penghargaan kepada semua pihak yang terlibat dalam penyediaan laporan ini. Jabatan ini juga mengalu-alukan sebarang cadangan dan maklumbalas untuk penambahbaikan penerbitan ini.

*Malaysian Mining Industry 2016 is an annual publication by the Department of Mineral and Geoscience Malaysia. It contains a compilation of statistical data and comprehensive information pertaining to the mining industry scenario of the country.*

*The purpose of this report is to provide an overview of the mining industry's trend of various minerals mined under mineral tenements and other relevant data related to the mining industry in this country. This is to ensure sufficient supply of mineral commodities to meet the domestic demand, and for the country to strategize the supply and to optimise the usage of various minerals.*

*It is hope that this report will serve as a useful and beneficial reference especially to the stakeholders, industry players and investors, both locally and in overseas. The Department of Mineral and Geoscience Malaysia wishes to express its sincere gratitude to all parties involved in the preparation of this report. The department also welcomes suggestions and feedbacks in order to improve this publication.*



**SHAHAR EFFENDI BIN ABDULLAH AZIZI**  
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*Department of Mineral and Geoscience Malaysia*



## Pengenalan Overview

Malaysia mempunyai sejarah aktiviti perlombongan yang lama sejak era kegemilangan perlombongan timah dalam tahun 1820an di Perak dan Selangor. Semenjak itu, industri perlombongan telah memberi sumbangan yang penting kepada pertumbuhan dan pembangunan ekonomi negara ini.

Pada masa ini, mineral utama yang dilombong di Malaysia adalah emas, bauksit, bijih besi, bijih timah, mangan, kaolin, feldspar, pasir silika, mika dan arang batu. Amang dari perlombongan bijih timah diproses lebih lanjut untuk menghasilkan mineral sampingan seperti ilmenit, monazit, zirkon, rutil, struverit dan xenotim. Perak dikeluarkan sebagai produk sampingan perlombongan emas.

Jumlah nilai mineral yang dihasilkan di Malaysia menyusut sebanyak 37 peratus dari RM2,590.92 juta dalam tahun 2015 kepada RM1,604.81 juta pada tahun 2016. Ini disebabkan oleh pelaksanaan moratorium ke atas perlombongan bauksit di Pahang yang bermula pada Januari 2016 dan dilanjutkan sehingga hujung tahun. Penurunan pengeluaran emas juga turut menyumbang kepada pengurangan jumlah nilai mineral bagi tahun 2016. Bilangan lombong telah berkurangan kepada 127 buah berbanding sebanyak 214 buah pada tahun sebelumnya.

Sumber mineral di Malaysia masih lagi mempunyai potensi untuk diusahakan bagi memastikan sektor perlombongan terus menyumbang kepada pembangunan ekonomi negara dengan di sokong oleh pelbagai polisi dan peraturan yang dilaksanakan oleh kerajaan.

Malaysia has a long mining history since the glorious era of tin mining in 1820s in Perak and Selangor. Since then, the mining industry has been instrumental in contributing to the growth and development of the economy of the country.

Currently, the major minerals mined in Malaysia are gold, bauxite, iron ore, tin ore, manganese, kaolin, feldspar, silica sand, mica and coal. Amang from tin mining was further treated to obtain minerals such as ilmenite, monazite, zircon, rutile, struverite and xenotime. Silver is produced as a by-product mineral of gold mining.

The total value of mineral produced in Malaysia decreased by 37 percent from RM2,590.92 million in 2015 to RM1,604.81 million in 2016. This was mainly due to the implementation of moratorium on bauxite mining in Pahang, which commenced in January 2016 and was extended right to the end of the year. A drop in gold production has also contributed to the reduction of the total mineral value in 2016. The number of mines dwindled to 127 mines compared with 214 mines in the previous year.

Mineral resources in Malaysia still has potential to be developed so that mining sector continues its contribution towards the country's economic development supported by various policies and regulations implemented by the government.

## Dasar Mineral Negara 2 National Mineral Policy 2

Pada Januari 2009, Dasar Mineral Negara 2 (DMN2), telah dilancarkan untuk meningkatkan sumbangan sektor mineral kepada pembangunan negara dengan persekitaran yang efektif, cekap dan berdaya saing. DMN2 menyediakan asas untuk melaksanakan amalan perlombongan terbaik bagi memastikan keseimbangan atau kemakmuran ekonomi, kesejahteraan sosial dan perlindungan alam sekitar.

Selain itu, bagi memastikan objektif DMN2 tercapai, sembilan teras utama telah diperkenalkan iaitu:

1. Pengembangan Sektor Mineral
2. Iklim Perniagaan yang Kondusif
3. Penerajuan Alam Sekitar
4. Peningkatan Penyelidikan dan Pembangunan (R&D)
5. Pembangunan Sumber Manusia
6. Pewujudan Informasi Mineral yang Bersepadu
7. Penglibatan Komuniti dan Tanggungjawab Sosial
8. Promosi, Pemasaran dan Penjenamaan
9. Publisiti dan Perhubungan Awam

### KENYATAAN POLISI

Untuk mempertingkatkan sumbangan sektor mineral terhadap pembangunan sosio-ekonomi negara melalui pembangunan sumber mineral yang efisien, bertanggungjawab dan mapan di samping penggunaan sumber-sumber mineral secara optima.

In January 2009, the National Mineral Policy 2 (NMP2), has been launched to enhance the contribution of the mineral sector to the development of the Nation with effective, efficient and competitive environment. The NMP2 provides the foundation for the sector to pursue with good mining practices to ensure a balance between economic prosperity, social well-being and environmental protection.

In addition, to ensure that the NMP2 objectives achieved, nine main cores were introduced, namely:

1. Expansion of the Mineral Sector
2. Conducive Business Climate
3. Environmental Stewardship
4. Research and Development (R&D) Enhancement
5. Human Resource Development
6. Establishment of Integrated Mineral Information
7. Community Involvement and Social Responsibility
8. Promotion, Marketing and Branding
9. Publicity and Public Relations

### POLICY STATEMENT

To enhance the contribution of the mineral sector to the socio-economic development of the nation through the efficient, responsible and sustainable development as well as the optimum utilisation of mineral resources.



## **OBJEKTIF**

Objektif-objektif DMN2 ini adalah seperti berikut:

1. Untuk memastikan pembangunan yang mampan dan penggunaan sumber-sumber mineral secara optima.
2. Untuk mempromosikan penerajuan terhadap alam sekitar bagi memastikan sumber mineral negara dibangunkan secara mesra alam sekitar, bertanggungjawab dan mampan.
3. Untuk mempertingkatkan daya saing dan kemajuan sektor mineral di arena global.
4. Untuk memastikan penggunaan mineral tempatan dan mempromosikan lagi pembangunan produk berasaskan mineral.
5. Untuk menggalakkan perolehan, kitar semula dan guna semula logam dan mineral.

## **PELAN INDUK**

Terdapat tiga Pelan Induk yang telah dirangka di bawah DMN2 iaitu:

1. Pelan Induk Pembangunan Mineral
2. Pelan Induk Pembangunan Industri Kuari
3. Pelan Induk Pemulihan Lombong dan Kuari

## **OBJECTIVES**

The objectives of NMP2 are as follows:

1. To ensure the sustainable development and optimum utilisation of mineral resources.
2. To promote environmental stewardship that will ensure the nation's mineral resources are developed in an environmentally sound, responsible and sustainable manner.
3. To enhance the mineral sector's competitiveness and advancement in the global arena.
4. To enhance the use of local minerals and promote the further development of mineral-based products.
5. To encourage the recovery, recycling and reuse of metals and minerals.

## **MASTER PLANS**

There are three Master Plans formulated under the NMP2, namely:

1. Mineral Development Master Plan
2. Quarry Industry Development Master Plan
3. Mines and Quarries Rehabilitation Master Plan



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SUSUNAN PERATURAN-PERATURAN

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BAHAGIAN I

PERMULAAN

Peraturan

1. Nama dan permulaan kuat kuasa

BAHAGIAN II

PEMINDAHMILIKAN TENEMEN MINERAL

2. Permohonan bagi pemindahmilikan tenemen mineral
3. Kelulusan
4. Fi pemindahmilikan

## Perundangan berkaitan mineral Legislation related to mineral

Aktiviti perlombongan di Malaysia ditadbir oleh dua perundangan utama iaitu Akta Pembangunan Mineral 1994 (APM) di bawah bidang kuasa Kerajaan Persekutuan dan Enakmen Mineral Negeri (EMN) di bawah bidang kuasa Kerajaan Negeri berkenaan.

APM 1994 mentakrifkan kuasa Kerajaan Persekutuan untuk mengawal selia penerokaan mineral, perlombongan, dan aktiviti berkaitan, termasuk kuasa untuk menjalankan pemeriksaan. Akta ini berkuatkuasa mulai tahun 1998. EMN memberikan negeri kuasa yang berkaitan perkara tanah dan mengeluarkan tenemen mineral. Kesemua negeri telah menguatkuasa SME kecuali Sabah dan Wilayah Persekutuan. Aktiviti perlombongan di Sabah adalah tertakluk kepada Ordinan Perlombongan 1960, dan Enakmen Perlombongan Bab 147 untuk Wilayah Persekutuan.

Terdapat lima peraturan di bawah APM 1994 ini yang telah digubal dan dikuatkuasakan, iaitu

- Peraturan-Peraturan Pembangunan Mineral (Skim Pengendalian Melombong, Pelan dan Buku Rekod) 2007;
- Peraturan-Peraturan Pembangunan Mineral (Peletupan) 2013;
- Peraturan-Peraturan Pembangunan Mineral (Keselamatan semasa Penjelajahan dan Perlombongan Permukaan) 2015;
- Peraturan-Peraturan Pembangunan Mineral (Pelesenan) 2016; dan
- Peraturan-Peraturan Pembangunan Mineral (Effluen) 2016.

Penggubalan beberapa peraturan seperti Peraturan-Peraturan Pembangunan Mineral bagi Pengkompaunan, Statistik, dan Perlombongan Bawah Tanah sedang dalam proses penyediaan.

Di bawah APM 1994 ini, setiap operasi perlombongan di Malaysia perlu memiliki Surat Kelulusan Skim Pengendalian Melombong yang sah yang dikeluarkan oleh Jabatan Mineral dan Geosains Malaysia sebelum memulakan apa-apa kerja pembangunan atau perlombongan dalam kawasan tenemen mineral yang telah diluluskan.

The mining activity in Malaysia is governed by two main legislations namely Mineral Development Act 1994 (MDA) by Federal Government and State Mineral Enactment (SME) by respective State Government.

The MDA 1994 defines the power of the Federal Government to regulate mineral exploration, mining, and related activities, including authority to conduct inspections. This Act came in force in 1998. The SME gives the respective state government the authority to regulate matters related to land and to issue mineral tenements. All states except Sabah and Federal Territories have enacted the SME. For Sabah, mining activity is subjected to Mining Ordinance 1960, while for Federal Territories the activity is subjected to Mining Enactment Chapter 147.

There are five regulations under MDA 1994, which have been gazetted and enforced, namely

- Mineral Development (Operational Mining Scheme, Plans and Record Books) Regulations 2007;
- Mineral Development (Blasting) Regulations 2013;
- Mineral Development (Safety in Exploration and Surface Mining) Regulations 2015.
- Mineral Development (Licensing) Regulations 2016; and
- Mineral Development (Effluent) Regulations 2016.

Formulation of a few other regulations such as Mineral Development Regulations for Compound, Statistics, as well as Underground Mining are in progress.

As stipulated under the MDA 1994, every mining operation in Malaysia shall obtain a valid Letter of Approval for Operational Mining Scheme issued by Department of Mineral and Geoscience Malaysia before the commencement of any development work or mining activity in the approved mineral tenement area.



## Pengeluaran Mineral Mineral Production

Malaysia, dengan pelbagai jenis sumber mineral, merupakan salah satu negara yang aktif dalam industri perlombongan di Asia Tenggara. Secara umumnya, Malaysia mengeluarkan mineral berlogam, mineral bukan logam dan mineral tenaga. Mineral berlogam termasuklah emas, bijih timah, bijih besi, bauksit, dan mangan. Manakala mineral bukan logam yang dilombong termasuklah batu kapur, kaolin, pasir silika, feldspar dan mika. Arang batu adalah satu-satunya mineral tenaga yang dilombong.

Mineral-mineral sampingan diperoleh daripada aktiviti pembilasan kilang amang yang menghasilkan ilmenit, zirkon, monazit, rutil, struverit dan xenotim. Perak pula adalah hasil sampingan daripada perlombongan emas.

Pada tahun 2016, terdapat 127 buah lombong dan 18 buah kilang pembilasan amang yang mengeluarkan mineral dengan nilai berjumlah RM1,604.81 juta, penyusutan sebanyak 37 peratus dari RM2,590.92 juta pada tahun 2015.

Peratusan nilai pengeluaran mineral pada tahun 2016 ditunjukkan dalam Rajah 1. Mineral berlogam masih mengekalkan kedudukan sebagai penyumbang utama kepada industri perlombongan iaitu sebanyak 73 peratus daripada nilai keseluruhan pengeluaran mineral. Nilai pengeluaran mineral tenaga mewakili 20 peratus, mineral bukan logam lima peratus dan mineral sampingan mewakili dua peratus nilai dari keseluruhan pengeluaran mineral.

Dalam tahun 2016, nilai pengeluaran mineral berlogam menurun sebanyak 47 peratus kepada RM1,165.73 juta berbanding RM2,226.56 juta pada tahun sebelumnya. Ini disebabkan oleh nilai pengeluaran bauksit, emas dan bijih timah yang menurun dengan banyak.

Malaysia, with varieties of mineral resources, is among the active mining countries in South East Asia. In general, Malaysia produces metallic, non-metallic and energy minerals. The metallic minerals include gold, tin ore, iron ore, bauxite, and manganese. While non-metallic minerals mined include limestone, kaolin, silica sand, feldspar and mica. Coal is the only energy mineral mined.

The by-product minerals derived from amang retreatment plants are ilmenite, zircon, monazite, rutile, struverite and xenotime. Silver is a by-product from gold mining.

In 2016, there were 127 mines and 18 amang retreatment plants that produced minerals which amounted to RM1,604.81 million, a decrease of 37 percent from RM2,590.92 million in 2015.

The percentage of the mineral production value for the year 2016 is shown in Figure 1. Metallic mineral remained as the main contributor to the mining industry, which accounted for 73 percent of the total mineral production value. Production value of the energy mineral contributed 20 percent, non-metallic mineral five percent and by-product minerals represented two percent of the total mineral production value.

In the year 2016, metallic mineral production value decreased by 47 percent to RM1,165.73 million compared to RM2,226.56 million in the previous year. This was mainly due to the considerable decrease in the production values of bauxite, gold and tin.

Namun begitu nilai pengeluaran mineral bukan logam melonjak sebanyak 113 peratus dari RM38.28 pada tahun 2015 kepada RM81.77 juta. Pengeluaran pasir silika yang bertambah di Johor telah menyumbang kepada peningkatan nilai pengeluaran mineral bukan logam bagi tahun 2016.

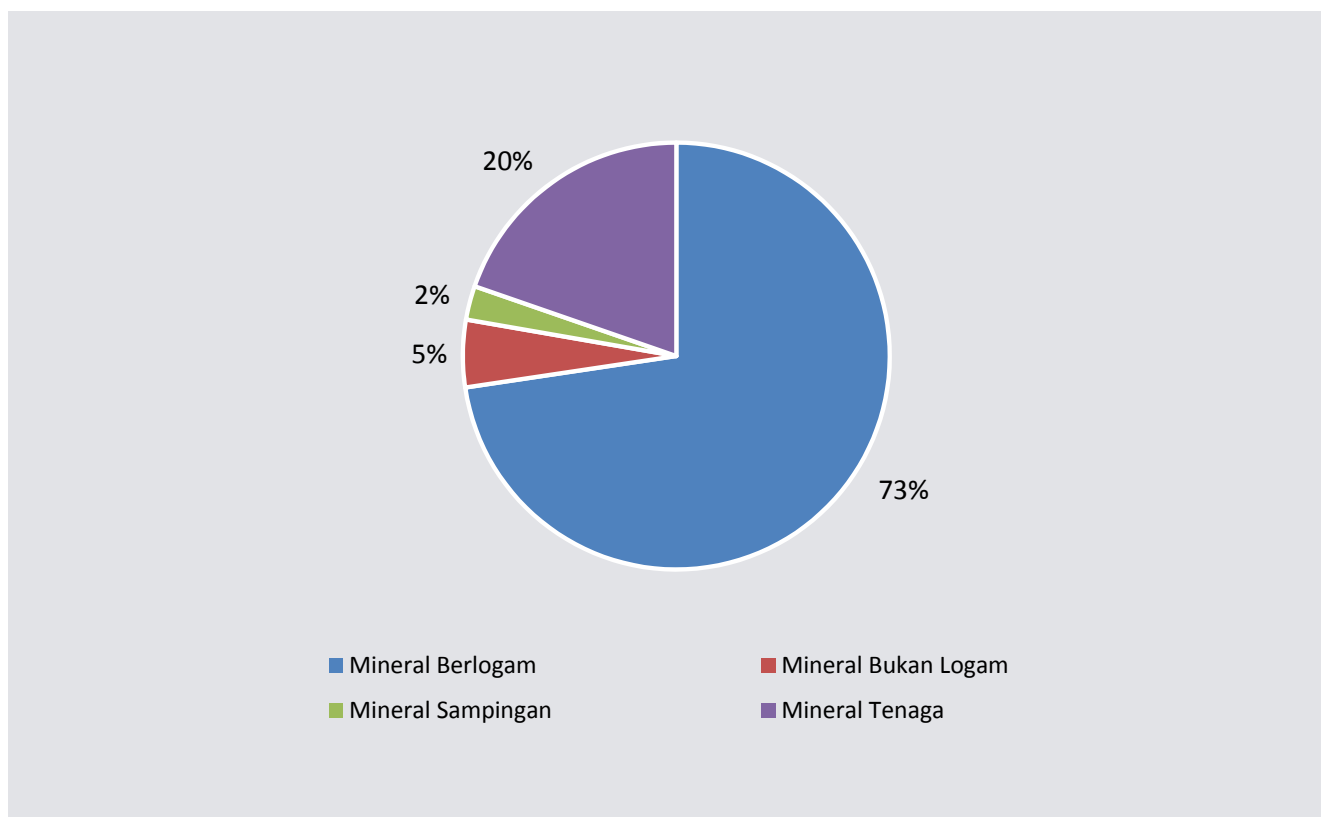
Nilai pengeluaran arang batu meningkat sebanyak tiga peratus kepada RM316.11 juta daripada RM307.15 juta pada tahun 2015.

Sementara itu, nilai pengeluaran mineral sampingan meningkat kepada RM41.20 juta daripada RM18.93 juta pada tahun 2015.

On the other hand, the non-metallic mineral production value soared by 113 percent from RM38.28 million in 2015 to RM81.77 million. The increase of silica sand production in Johor has contributed to the rise of the production value for non-metallic mineral for year 2016.

The production value of coal increased by three percent to RM316.11 million from RM307.15 million in 2015.

Meanwhile, the by-product minerals production value increase to RM41.20 million from RM18.93 million in 2015.



Rajah 1: Peratusan nilai pengeluaran mineral, 2016  
 Figure 1: Percentage of mineral production value, 2016

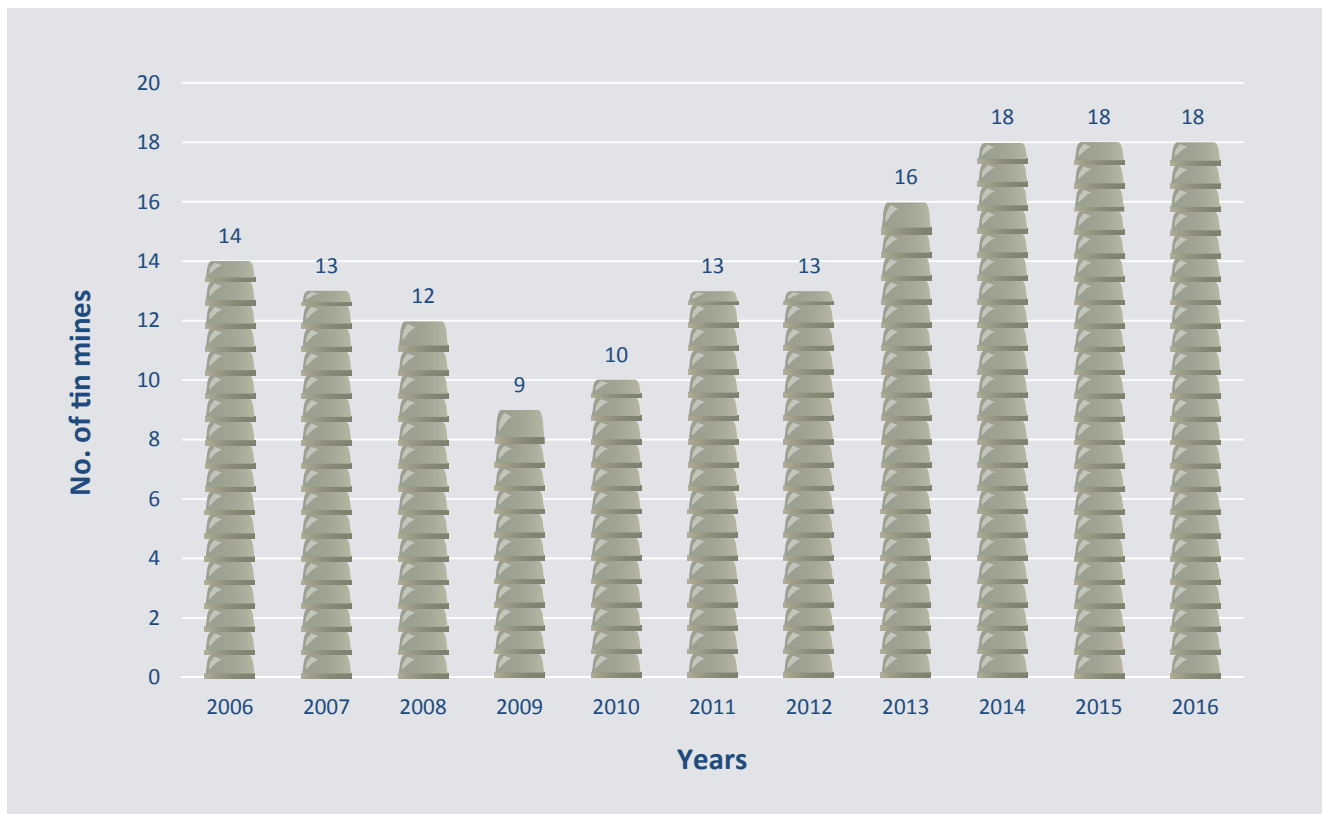


### BIJIH TIMAH

Bijih timah di lombong di Perak, Pahang, Johor, Kelantan, Terengganu dan Kedah. Pada tahun 2016, terdapat 18 buah lombong timah yang aktif, di mana lapan buah lombong beroperasi di Perak, tiga di Pahang, tiga di Johor, dua di Kedah, masing-masing satu di Kelantan dan Terengganu. Bilangan lombong timah bagi tahun 2006 sehingga 2016 ditunjukkan dalam Rajah 2.

### TIN ORE

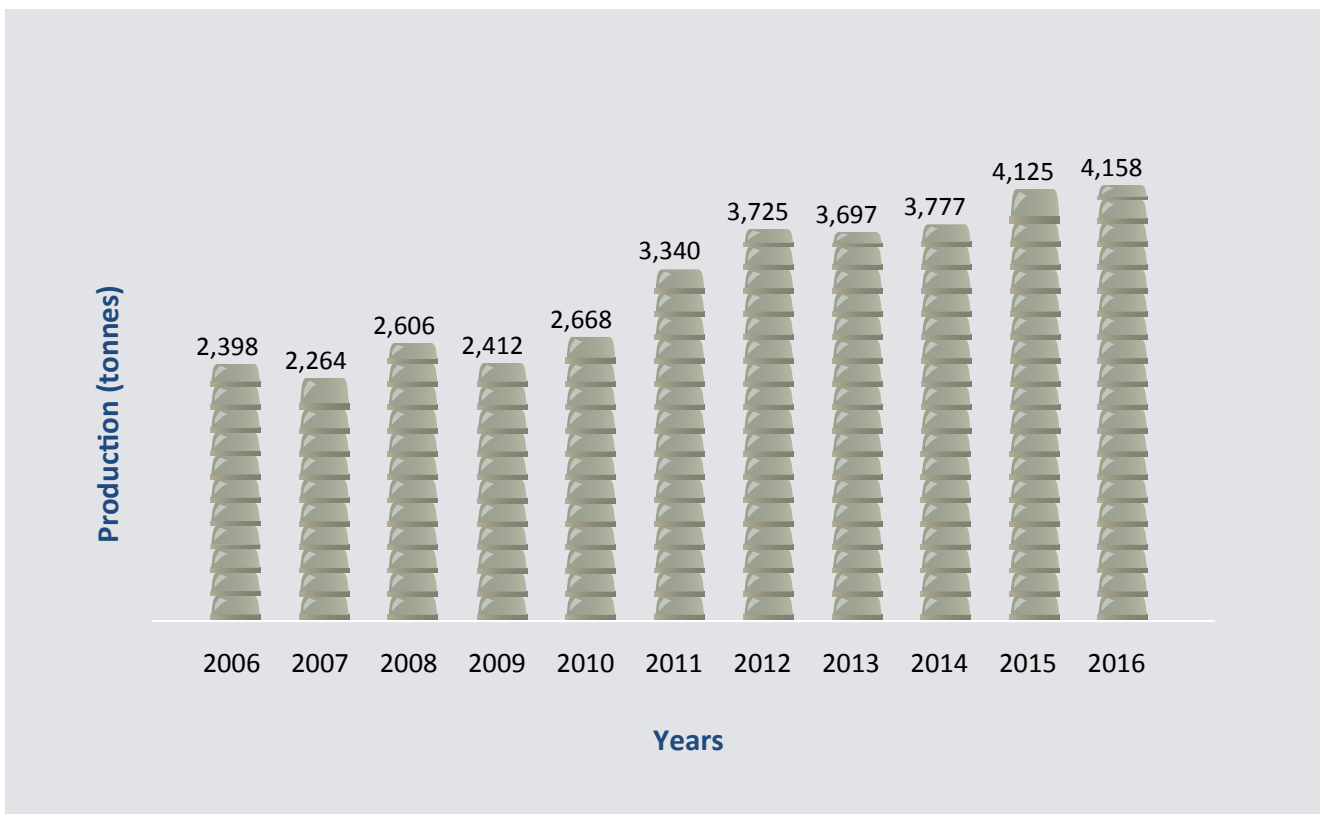
Tin ore was mined in Perak, Pahang, Johor, Kelantan, Terengganu and Kedah. In 2016, there were a total of 18 active tin mines where eight of them were operating in Perak, three in Pahang, three in Johor, two in Kedah, one each in Kelantan and Terengganu. The number of tin mines from 2006 to 2016 is shown in Figure 2.



Rajah 2: Bilangan lombong timah, 2006-2016  
 Figure 2: Number of tin mines, 2006-2016

Pengeluaran timah dalam konsentrat pada tahun 2016 ialah sebanyak 4,158 tan, peningkatan kurang satu peratus berbanding 4,125 tan pada tahun 2015. Nilai pengeluaran dalam tahun 2016 adalah RM213.90 juta berbanding RM285.30 juta pada tahun 2015. Pengurangan nilai pengeluaran timah ini adalah disebabkan harga timah yang turun naik di pasaran dunia. Perak merupakan pengeluar utama bijih timah negara iaitu sebanyak 3,182 tan. Daripada jumlah 4,158 tan bijih timah yang dihasilkan pada tahun 2016, sebanyak 3,423 tan diperoleh daripada aktiviti perlombongan, 442 tan daripada kilang pembilasan amang dan 293 tan daripada aktiviti mendulang. Jumlah pengeluaran timah dalam konsentrat bagi tahun 2006 sehingga 2016 ditunjukkan dalam Rajah 3.

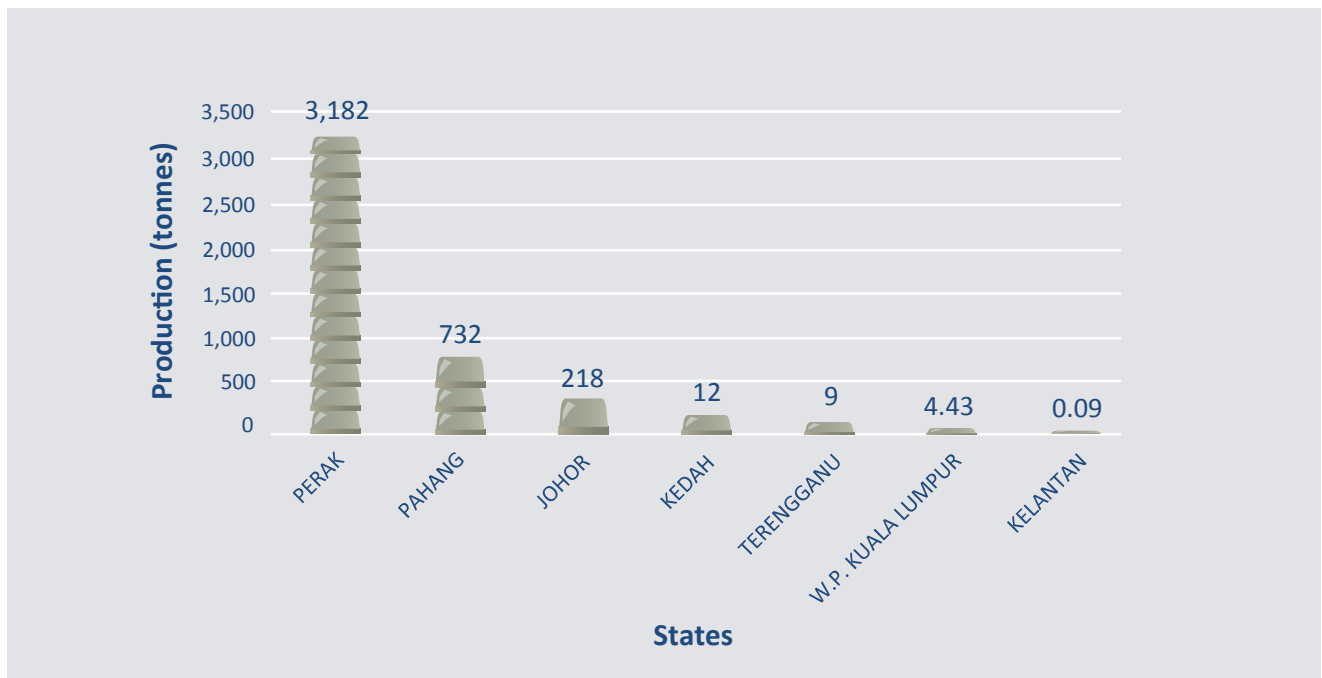
The production of tin-in-concentrates in 2016 was 4,158 tonnes, an increase of less than one percent from 4,125 tonnes in 2015. The production value in 2016 was RM213.90 million compared with RM285.30 million in 2015. The decrease of the tin production value was due to tin metal price fluctuation in the world market. Perak was the largest tin ore producer in the country with the production amounted to 3,094 tonnes. From the total production of 4,125 tonnes of tin ore in 2016, 3,423 tonnes were from mines operations, 442 tonnes from amang retreatment plants and 293 tonnes from panning activity. The total production of tin-in-concentrates for year 2006 until 2016 is shown in Figure 3.



Rajah 3: Pengeluaran timah-dalam-konsentrat, 2006-2016  
Figure 3: The production of tin-in-concentrates, 2006-2016

Rahman Hydraulic Tin Sdn Bhd yang terletak di Klian Intan, Perak adalah lombong timah terbesar dan menyumbang jumlah pengeluaran timah dalam konsentrat yang paling tinggi di Malaysia. Pengeluaran timah dalam konsentrat mengikut negeri bagi tahun 2016 ditunjukkan dalam Rajah 4

Rahman Hydraulic Tin Sdn Bhd located in Klian Intan, Perak is the largest tin mine and contributes the highest amount of tin-in-concentrates in Malaysia. The production of tin-in-concentrates by states for year 2016 is shown in Figure 4.



Rajah 4: Pengeluaran bijih timah mengikut negeri, 2016  
 Figure 4: Tin ore production by state, 2016

### Harga Timah

Harga timah dan lain-lain mineral seperti emas dan bijih besi menunjukkan penurunan pada penghujung tahun 2016. Harga purata tahunan di Pasaran Timah Kuala Lumpur yang diniagakan dalam tahun 2016 adalah USD17,866.92 se tan, meningkat sebanyak 11 peratus dari tahun sebelumnya.

Pada tahun 2016, harga purata bulanan timah di Pasaran Timah Kuala Lumpur menunjukkan kenaikan dari USD13,745.00 se tan pada Januari kepada USD17,029.00 se tan pada April dan turun kepada USD16,908.00 se tan pada Mei kemudian naik kepada USD21,011.00 se tan pada bulan Disember. Harga tertinggi yang direkodkan ialah USD21,011.00 se tan pada Disember manakala harga terendah adalah USD13,745.00 se tan pada Januari. Harga purata bulanan timah bagi tahun 2016 ditunjukkan di dalam Rajah 5.

### Tin Price

The price of tin and other minerals like gold and iron ore showed an increase towards the end of 2016. The annual average price in Kuala Lumpur Tin Market traded in 2016 was USD17,866.92 per tonne, an increase of 11 percent from the previous year.

In 2016, the average monthly price of tin in Kuala Lumpur Tin Market showed an increase from USD13,745.00 per tonne in January to USD17,029.00 per tonne in April and was decrease to USD16,908.00 per tonne in May then increase again in December to USD21,011.00 per tonne. The highest price was USD21,011.00 per tonne recorded in December while the lowest price was USD13,745.00 per tonne in January. The average monthly tin prices for the year 2016 are shown in Figure 5.



Rajah 5: Harga Purata Bulanan Timah, 2016  
Figure 5: Monthly Average Tin Price, 2016

## EMAS

Emas dilombong di negeri Pahang, Kelantan dan Terengganu. Pada tahun 2016, terdapat 12 buah lombong emas yang beroperasi, di mana lima lombong beroperasi di Pahang, lima di Kelantan dan dua di Terengganu.

Pengeluaran emas pada tahun 2016 berkurang kepada 2,248,990 gram dari 4,732,261 gram pada tahun 2015. Nilai pengeluaran pada tahun 2016 adalah sebanyak RM388.76 juta berbanding RM780.82 juta pada tahun 2015. Penurunan yang ketara ini adalah disebabkan dua buah lombong emas tidak beroperasi dan Pahang hanya mengeluarkan kurang separuh dari pengeluaran emas negeri tersebut dalam tahun 2015.

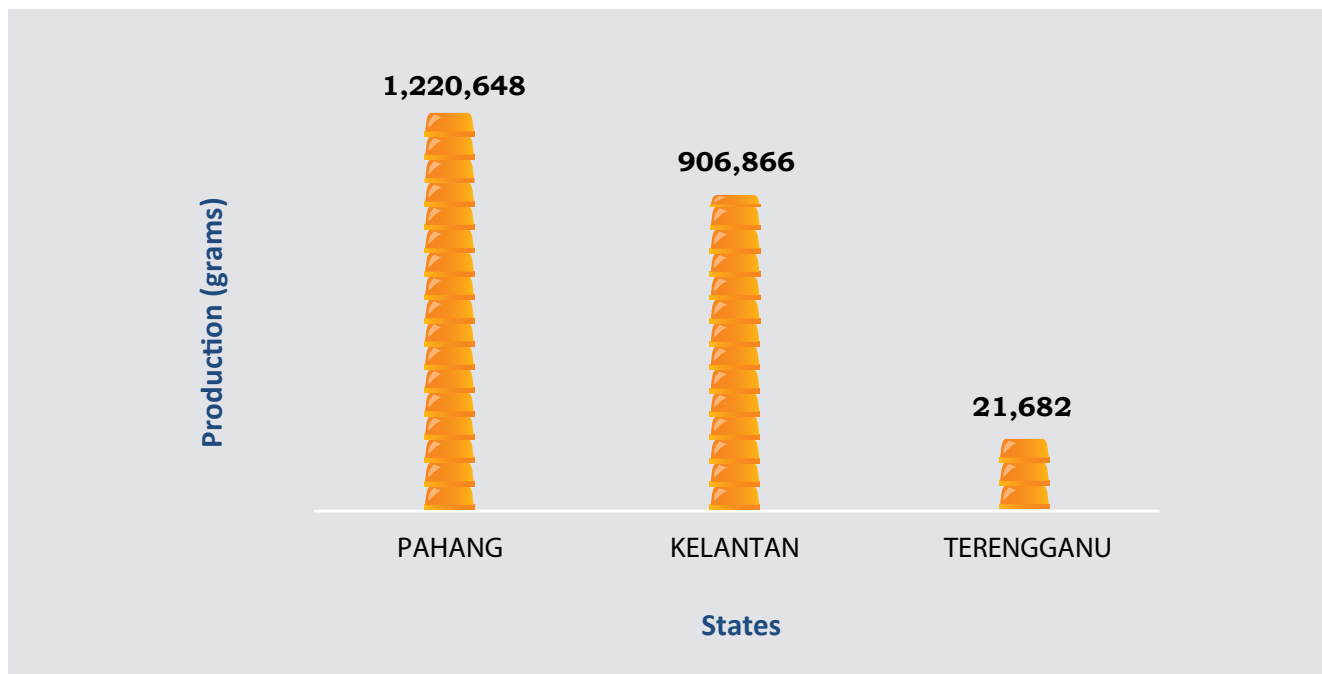
Walaupun bagaimanapun dalam tahun 2016, Pahang masih merupakan pengeluar utama emas negara dengan pengeluaran sebanyak 1,220,648 gram, diikuti Kelantan sebanyak 906,866 gram dan Terengganu sebanyak 21,682 gram. Pengeluaran emas mengikut negeri ditunjukkan di dalam Rajah 6.

## GOLD

Gold was mined in the states of Pahang, Kelantan and Terengganu. In 2016, there were 12 active gold mines in operation where five mines operated in Pahang, five mines in Kelantan and two mines in Terengganu.

The production of gold in 2016 increased to 2,248,990 grams from 4,732,261 grams in 2015. The production value in 2016 was worth RM388.76 million compared with RM780.82 million in 2015. This significant drop is because of two gold mines not in operation in 2016 and Pahang only produce less than half of the state's gold production in 2015.

However, during 2016 Pahang still the highest gold producer in the country with a production of 1,220,648 gram followed by Kelantan with 906,866 gram and Terengganu with 21,682 grams. The production of gold by states is shown in Figure 6.



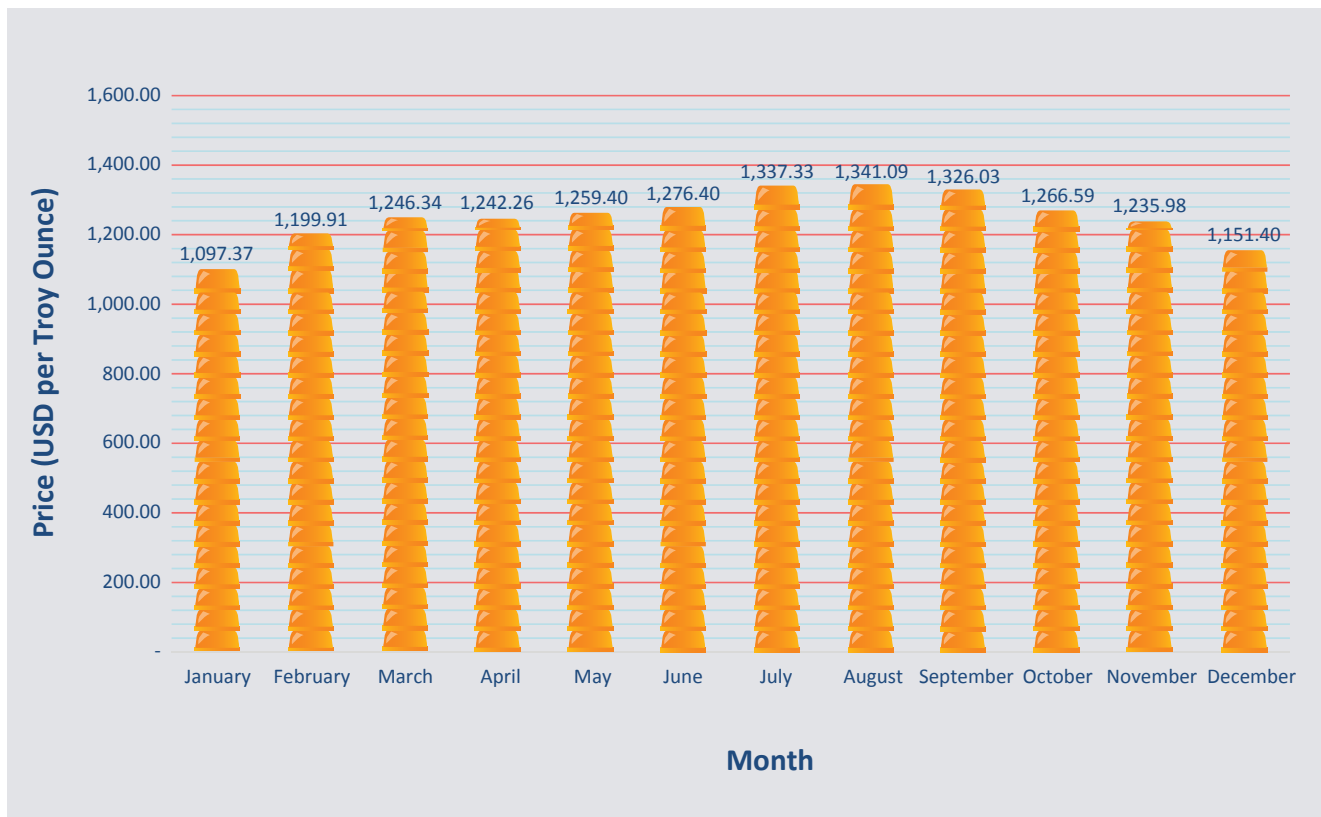
Rajah 6: Pengeluaran emas mengikut negeri, 2016  
Figure 6: Production of gold by state, 2016

**Harga Emas**

Harga emas London PM Fix secara purata bulanan pada tahun 2016 menunjukkan kenaikan dari USD1,097.37/troy auns pada Januari kepada USD1,246.34/ troy auns pada Mac dan turun sedikit kepada USD1,242.26/ troy auns pada April dan naik kepada USD1,341.09/ troy auns pada Ogos kemudian turun sehingga USD1,151.40/ troy auns pada Disember. Harga emas secara purata bagi tahun 2016 adalah USD1,248.34/ troy auns. Rajah 7 menunjukkan purata bulanan harga emas pada tahun 2016.

**Gold Price**

The London PM Fix monthly average price of gold in 2016 has increased from USD1,097.37/ troy ounce in January to USD1,246.34/ troy ounce in March, then it was slightly dropped to USD1,242.26/ troy ounce in April then rose to USD1,341.09/ troy ounce in August and decreased to USD1,151.40/ troy ounce in December. The average price of gold in 2016 was USD1,248.34/ troy ounce. Figure 7 shows average monthly gold prices in 2016.



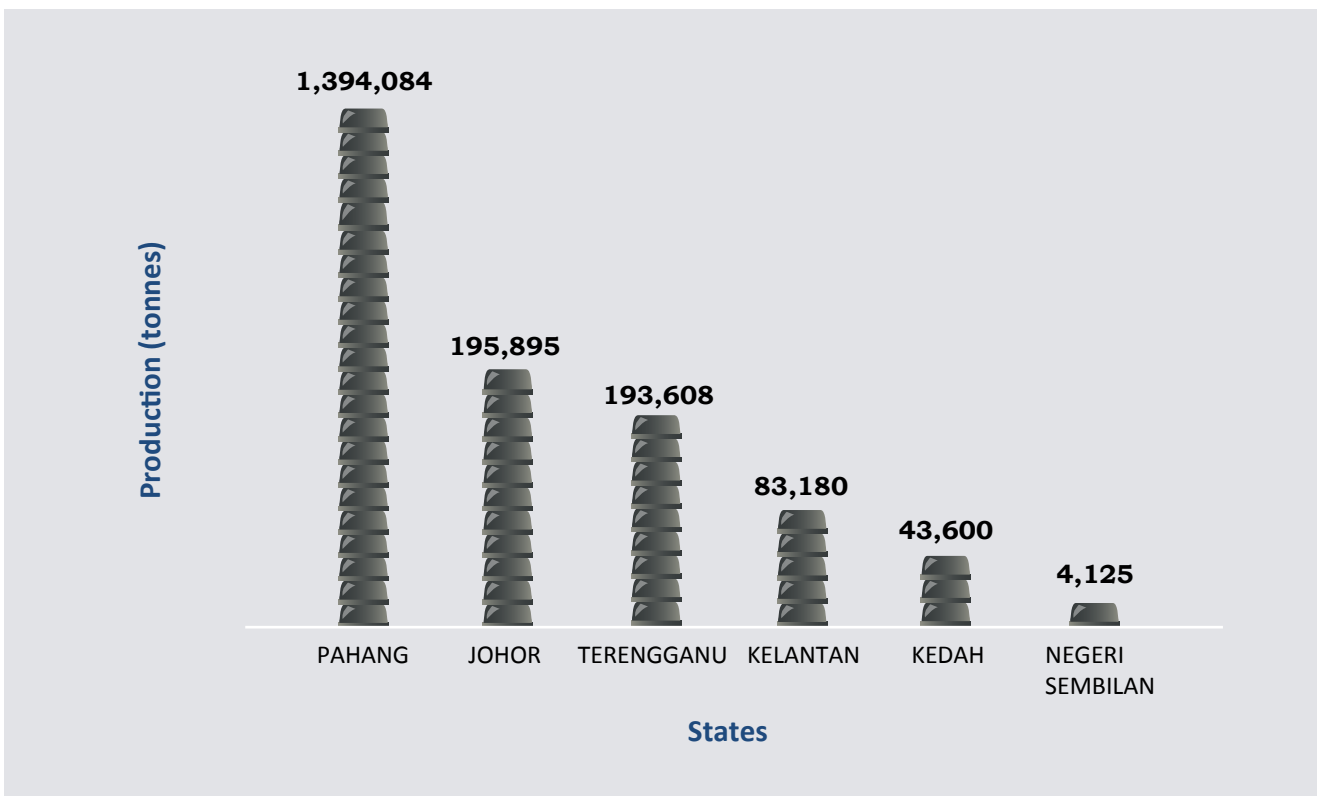
Rajah 7: Harga Purata Bulanan Emas, 2016  
Figure 7: Average Monthly Gold Price, 2016

**BIJIH BESI**

Bijih besi dilombong di negeri Pahang, Kelantan, Johor, Kedah, Terengganu dan Negeri Sembilan. Pada tahun 2016, terdapat 41 lombong bijih besi berbanding 97 pada tahun 2015, di mana 23 lombong beroperasi di Pahang, Kelantan (2), Johor (6), Kedah (5), Terengganu (4), dan Negeri Sembilan (2).

**IRON ORE**

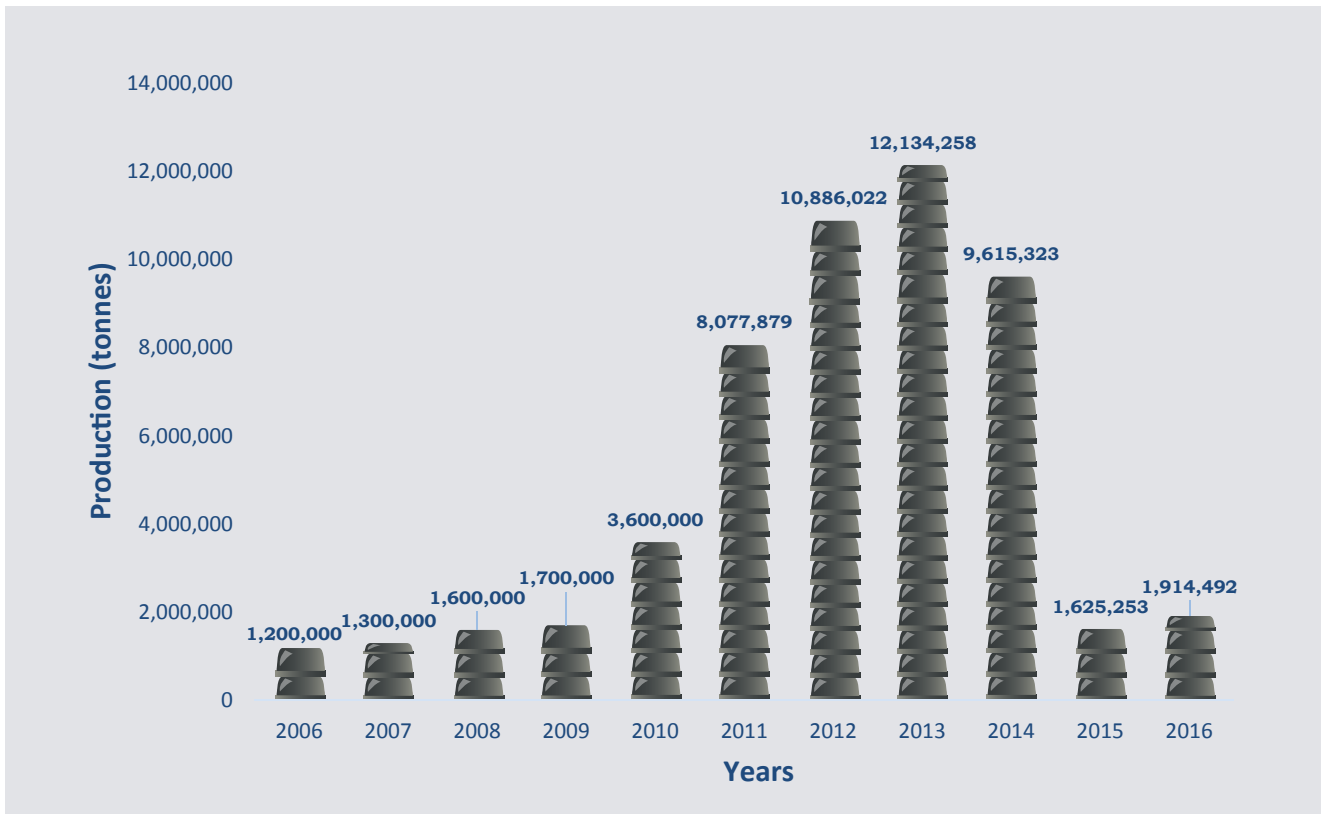
Iron ore was mined in the states of Pahang, Kelantan, Johor, Kedah, Terengganu dan Negeri Sembilan. In 2016, there were 41 iron ore mines compared with 97 mines in 2015, where 23 mines operated in Pahang, Kelantan (2), Johor (6), Kedah (5), Terengganu (4), and Negeri Sembilan (2).



Rajah 8: Pengeluaran bijih besi mengikut negeri, 2016  
 Figure 8: Iron ore producers by states, 2016

Walaupun banyak penutupan lombong bijih besi terutama di negeri Pahang, pengeluaran bijih besi pada tahun 2016 bertambah sebanyak 18 peratus iaitu 1,914,232 tan dalam tahun 2016 berbanding 1,625,253 tan pada tahun 2015. Nilai pengeluaran dalam tahun 2016 adalah RM443.35 juta berbanding RM245.53 juta pada tahun 2015. Kenaikan ini adalah disebabkan oleh bertambah permintaan daripada negara China dan harga yang kompetatif. Pengeluaran bijih besi mengikut negeri ditunjukkan di dalam Rajah 8.

Eventhough, there were many iron ore mines closed down especially in Pahang, the production of iron ore increased by 18 percent in 2016 which was 1,914,232 tonnes compared to 1,625,253 tonnes in 2015. The production value in 2016 was RM443.35 million compared with RM245.53 million in 2015. This was due to the growing demand from China and competitive market price. The production of iron ore by states is shown in Figure 8.



Rajah 9: Pengeluaran bijih besi, 2006-2016  
Figure 9: Iron ore productions, 2006-2016



## **ARANG BATU**

Sarawak adalah satu-satunya negeri pengeluar arang batu pada tahun 2016 iaitu dari perlombongan di Bahagian Mukah, Kapit dan Sri Aman. Pada tahun semasa, terdapat lapan buah lombong arang batu terdiri daripada enam buah lombong dedah dan dua buah lombong bawah tanah yang beroperasi. Pengeluaran arang batu pada tahun 2016 bertambah kepada 2,414,765 tan bernilai RM316.11 juta berbanding 2,559,444 tan bernilai RM307.15 juta pada tahun 2015. Walaupun pengeluaran arang batu berkurangan sedikit berbanding tahun sebelumnya terdapat pertambahan nilai pengeluaran sebanyak 3 peratus akibat kenaikan harga dan permintaan dari China.

## **PASIR SILIKA**

Pada tahun 2016, terdapat lapan buah lombong pasir silika di mana tiga lombong beroperasi di Sarawak, tiga lombong di Johor, satu di Terengganu dan satu di Kedah. Pada tahun 2016, pengeluaran pasir silika ialah 347,904 tan bernilai RM30.07 juta berbanding 197,803 tan bernilai RM16.20 juta pada tahun 2015 iaitu peningkatan sebanyak 75 peratus.

## **KAOLIN**

Pada tahun 2016, terdapat 19 lombong kaolin yang beroperasi di negeri Perak, Pahang dan Johor. Sebanyak 15 lombong kaolin beroperasi di Perak dan dua lombong di Pahang dan juga dua lombong di Johor. Pengeluaran kaolin pada tahun 2016 sebanyak 279,610 tan bernilai RM32.23 juta berbanding dengan 255,448 tan bernilai RM27.50 juta pada tahun 2015, iaitu kenaikan sebanyak 9 peratus.

## **BAUKSIT**

Pada tahun 2016, berlaku pengurangan yang mendadak bagi pengeluaran bauksit disebabkan oleh penguatkuasaan moratorium bauksit bermula bulan Januari 2017. Faktor ini juga telah mendorong penutupan 20 buah lombong bauksit di negeri Pahang. Pengeluaran bauksit pada tahun 2016 berkurangan dengan ketara sebanyak 95 peratus kepada 342,924 tan bernilai RM35.49 juta berbanding 7,164,956 tan bernilai RM832.21 juta pada tahun 2015.

## **COAL**

Sarawak was the only state producing coal in 2016 which was mined in Mukah, Kapit and Sri Aman Division. During the year, there were eight coal mines consisting of six open cast mines and two underground mines, actively in operation compared with five mines in 2015. The production of coal in 2016 was 2,414,765 tonnes, valued at RM316.11 million compared with 2,559,444 tonnes, valued at RM307.15 million in 2015. Eventhough the coal production slightly decreased from last year there was an increase of 3 percent for production value from because of stable market price and demand from China.

## **SILICA SAND**

In 2016, there were eight silica sand mines where three mines were operating in Sarawak, the other three in Johor, one mine in Terengganu and one mine in Kedah. In 2016, the production was 347,904 tonnes valued at RM30.07 million compared with 197,803 tonnes worth RM16.20 million in 2015, an increase of 75 percent.

## **KAOLIN**

In 2016, there were 19 kaolin mines operating in the states of Perak, Pahang and Johor. There were 15 kaolin mines in Perak and two each in Pahang and Johor. Kaolin production in 2016 was 279,610 tonnes valued at RM32.23 million compared with 255,448 tonnes valued at RM27.50 million in 2015, an increase of 9 percent.

## **BAUXITE**

In 2016, there was a significant drop of bauxite production in this country due to the enforcement of moratorium for bauxite starting in January 2017. Due to these factors, 20 bauxite new bauxite mines were closed in Pahang. There was a huge production decrease of bauxite in 2016 which is 95 percent to 342,924 tonnes valued at RM35.49 million compared with 7,164,956 tonnes valued at RM832.21 million in 2015.

### FELDSPAR

Pada tahun 2016, terdapat lima lombong feldspar di mana tiga lombong beroperasi di Kelantan dan dua di Negeri Sembilan. Pengeluaran feldspar pada tahun 2016 ialah sebanyak 357,657 tan bernilai RM19.23 juta berbanding 346,050 tan bernilai RM21.59 juta pada tahun 2015 iaitu penurunan sebanyak 3 peratus.

### MIKA

Mika hanya dilombong di Perak dalam bentuk mineral serisit. Terdapat dua lombong mika yang beroperasi pada tahun 2016, sama seperti tahun sebelumnya. Jumlah pengeluaran mika pada tahun 2016 bertambah sebanyak 2 peratus kepada 4,716 tan bernilai RM2.83 juta berbanding 4,788 tan bernilai RM0.34 juta pada tahun 2015. Namun begitu peningkatan harga mika di pasaran telah melonjak nilai pengeluaran mika pada tahun 2016 lebih dari 100 peratus berbanding tahun lepas.

### MANGAN

Terdapat 10 lombong mangan yang beroperasi pada tahun 2016 di negeri Kelantan dan Pahang. Daripada jumlah lombong tersebut, lapan lombong terletak di Kelantan dan dua di Pahang. Pengeluaran mangan pada tahun 2016 meningkat sebanyak 46 peratus kepada 700,707 tan bernilai RM82.21 juta berbanding 480,727 tan bernilai RM55.20 pada tahun 2015.

### BATU KAPUR

Terdapat sebuah kuari batu kapur yang beroperasi di atas tanah Pajakan Melombong iaitu Luckyhill Quarry Sdn Bhd di Kuching, Sarawak. Pada tahun 2016, jumlah pengeluaran batu kapur daripada kuari tersebut adalah sebanyak 13,993 tan bernilai RM0.14 juta berbanding 12,505 tan bernilai RM0.15 juta pada tahun 2015.

### FELDSPAR

In 2016, there were five feldspar mines where three mines were operating in Kelantan and two mines in Negeri Sembilan. The production of feldspar in 2016 was 357,657 tonnes valued at RM19.23 million compared with 346,050 tonnes valued at RM21.59 million in 2015, a decrease of 3 percent.

### MICA

Mica was only mined in Perak in the form of sericite mineral. There were two mica mines in operation in 2016, the same number of mines as in the previous year. The total production of mica in 2016 decreased by 2 percent to 4,716 tonnes valued at RM2.83 million compared with 4,788 tonnes valued at RM0.34 million in 2015. However, higher market price in 2016 has increased the production value more than 100 percent compared to last year.

### MANGANESE

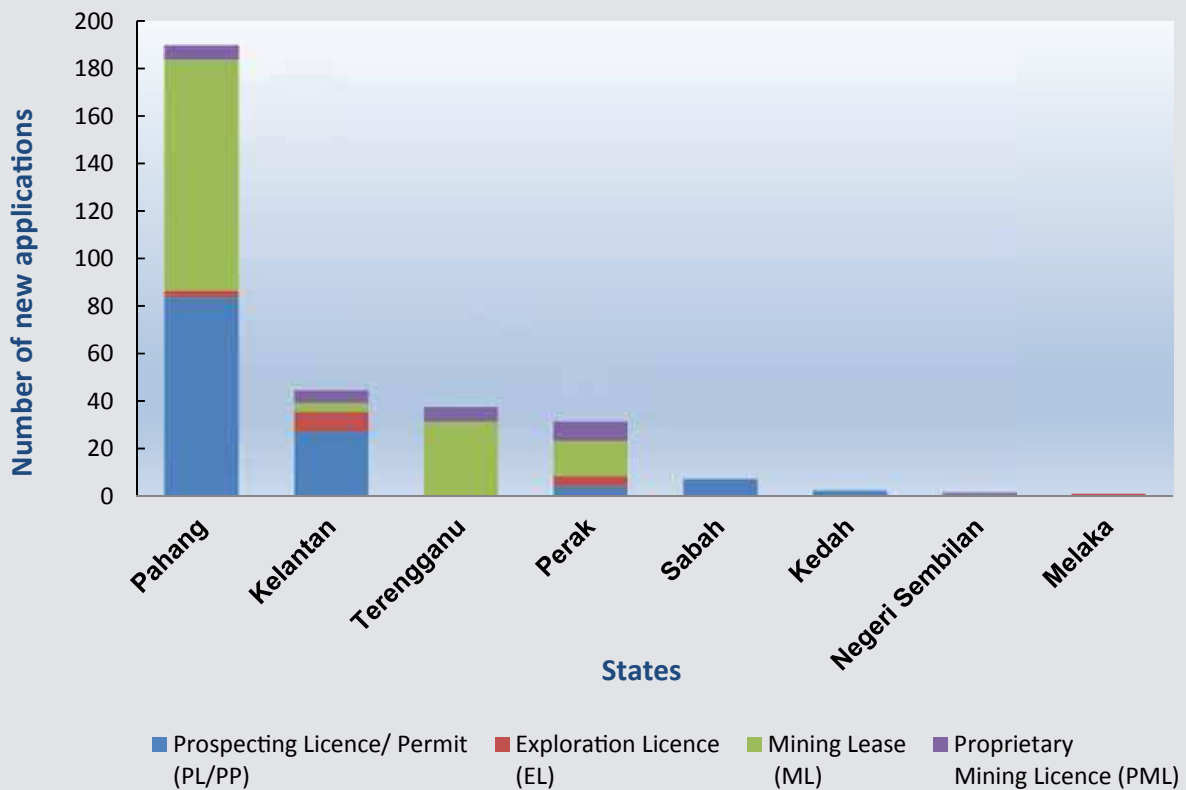
There were 10 manganese mines operating during 2016 in the states of Kelantan and Pahang. Out of the total mines, eight were located in Kelantan and two in Pahang. The production of manganese in 2016 increased by 46 percent to 700,707 tonnes valued at RM82.21 million from 480,727 tonnes valued at RM55.20 million in 2015.

### LIMESTONE

There is one limestone quarry operating on Mining Lease Land which is Luckyhill Quarry Sdn Bhd in Kuching Division, Sarawak. In 2016, the total production of limestone from the above said quarry was 13,993 tonnes valued at RM0.14 million compared with 12,505 tonnes valued at RM0.15 million in 2015.



**Tenemen Mineral:  
Lesen Carigali, Lesen Penjelajahan, Pajakan  
Melombong Dan Lesen Melombong Tuan Punya  
Mineral Tenement:  
Prospecting Licence, Exploration Licence, Mining  
Lease And Proprietary Mining Licence**



**Rajah 10: Bilangan permohonan baru tenemen mineral, 2016**  
Figure 10: Number of new applications for mineral tenement, 2016

## **PAHANG**

Sehingga penghujung tahun 2016, bilangan permohonan baru tenemen mineral yang diterima ialah sebanyak 190 yang terdiri daripada 84 PL, tiga EL, 97 ML dan enam PML.

Walaupun Pahang adalah salah satu negeri yang menerima permohonan baru yang tertinggi untuk tenemen mineral, aktiviti carigali secara keseluruhannya di negeri tersebut tidak begitu aktif dalam tahun 2016. Ini disebabkan oleh ekonomi dunia yang tidak menentu dan isu pemilikan tanah. Di samping itu, deposit emas sedia ada telah berkurangan tetapi industri perlombongan boleh bertahan disebabkan peningkatan harga pasaran.

## **KELANTAN**

Permohonan untuk mendapatkan tenemen mineral baru di Kelantan adalah berjumlah 45 yang terdiri daripada 28 PL, lapan EL, empat ML dan lima PML. Kebanyakan permohonan adalah untuk kerja mencarigali bijih besi, mangan dan emas. Sebanyak 20 tenemen mineral telah diluluskan dan dikeluarkan oleh Pihak Berkuasa Negeri dalam tahun 2016 iaitu lima PL, satu EL, empat ML dan 10 PML.

Sejak tahun 2015, Pihak Berkuasa Negeri telah mengenakan syarat supaya permohonan baru tenemen hendaklah dibuat secara usahasama dengan anak syarikat kerajaan negeri seperti Yayasan Kelantan Darulnaim (YAKIN), Perbadanan Menteri Besar Kelantan (PMBK) dan Perbadanan Kemajuan Iktisad Negeri Kelantan (PKINK). Syarat ini telah menyebabkan permohonan baru berkurangan.

## **TERENGGANU**

Dalam tahun 2016, terdapat permohonan baru bagi 32 ML dan enam PML yang diterima. Daripada bilangan ini, 13 permohonan ML dan dua permohonan PML telah diluluskan oleh Pihak Berkuasa Negeri. Dua permohonan PL yang dibuat pada tahun 2014 juga telah diluluskan dalam tahun 2016.

## **PERAK**

Sebanyak lima permohonan PL dan tiga permohonan EL diterima dalam tahun 2016. Kesemua permohonan adalah untuk mencarigali bijih timah.

## **PAHANG**

As at the end of the year 2016, the number of new mineral tenement applications registered were 190 consist of 84 PL, three EL, 97 ML and six PML.

Even though Pahang was one of the states that received the highest number of new applications for mineral tenements, overall prospecting in the state was not very active in the year 2016. This is due to the uncertain global economy and land tenure issues. Beside that, known gold reserves were also depleting but the gold mining industry has been able to sustain due to the increasing market price.

## **KELANTAN**

The number of new applications for mineral tenements in Kelantan was 45 consisting of 28 PL, eight EL, four ML and five PML. Most of the new applications were for the prospecting work in search of iron ore, manganese and gold. A total of 20 mineral tenements consist of five PL, one EL, four ML and 10 PML have been approved and issued by the State Authority.

Since 2015, the State Authority has imposed a condition whereby every new tenement application has to be joint ventured with State Governments' companies such as Yayasan Kelantan Darulnaim (YAKIN), Perbadanan Menteri Besar Kelantan (PMBK) and Perbadanan Kemajuan Iktisad Negeri Kelantan (PKINK). This condition has resulted in the decreased of new applications.

## **TERENGGANU**

In 2016, there were 32 ML and six PML applications registered. Of these numbers, the State Authority has approved 13 ML and two PML. Two PL applications submitted in 2014 were approved in 2016.

## **PERAK**

There were five applications for PL and three applications for EL registered in the year 2016. All applications were for tin ore prospecting.

Terdapat 15 permohonan baru dan empat permohonan pembaharuan ML diterima. Bilangan ML yang masih berkuatkuasa pada tahun 2016 adalah sebanyak 56. Lapan permohonan PML diterima bagi mineral kaolin, bijih timah, batu kapur dan granit.

#### SABAH

Bagi Negeri Sabah, aktiviti carigali dan penjelajahan mineral dilesenkan mengikut Ordinan Perlombongan, 1960 yang berkuatkuasa pada 1 Januari 1961. Di bawah undang-undang ini, kerja-kerja tinjauan umum dilesenkan mengikut Seksyen 4, Ordinan Melombong.

Permit Carigali ini dikeluarkan kepada pemohon yang layak bagi tempoh semasa berakhir pada 31 Disember tahun yang sama. Lesen Carigali bagi aktiviti carigali yang lebih ekstensif pada kawasan sasaran terpilih pula dikeluarkan kepada permohonan yang layak mengikut Seksyen 6, Ordinan Melombong, 1960. Lesen ini lazimnya dikeluarkan bagi tempoh sehingga 4 tahun dan boleh diperbaharui.

Sejak kebelakangan ini, perkembangan positif dapat dilihat pada pembangunan industri mineral di Negeri Sabah, sebagaimana diukur daripada jumlah bilangan tenemen mineral serta pertanyaan dan rujukan pelbagai pihak yang menunjukkan minat dalam menjalankan aktiviti pembangunan mineral.

Sebanyak lapan permohonan baru PP telah diterima bagi tahun yang berkenaan.

#### KEDAH

Pada tahun 2016, bilangan tenemen mineral yang berkuatkuasa adalah empat ML dan sembilan PML. Terdapat tiga permohonan baru PL bagi bijih besi.

#### NEGERI SEMBILAN

Pada tahun 2016, satu permohonan ML emas, satu permohonan PML bijih besi dan satu permohonan pembaharuan ML feldspar telah diterima.

#### MELAKA

Dalam tahun 2016, Pihak Berkuasa Negeri Melaka telah menerima dan meluluskan satu permohonan EL bijih timah.

A total of 15 new ML applications and four ML renewal applications were registered. The total number of ML in force for the year 2016 was 56. Eight PML applications registered were for kaolin, tin ore, limestone and granite.

#### SABAH

For the State of Sabah prospecting and mineral exploration activities are licensed under the Mining Ordinance, 1960 effective 1 January 1961. Under this law, survey work is licensed under Section 4 of the Mine Ordinance.

The Prospecting Permit is issued to eligible applicants for the current period ending 31 December of the same year. The Prospecting Licence for extensive exploration activities on selected targets is issued to eligible applications pursuant to Section 6 of the Mining Ordinance, 1960. This licence is normally issued for a period of up to 4 years and renewable.

In recent years, some positive signs were seen in the development of mineral industry in the state of Sabah as indicated by the total number of mineral tenements and queries received and references of various parties who showed interest in carrying out mineral development activities.

A total of eight new PP applications were received for the year.

#### KEDAH

In 2016, the number of mineral tenements in force were four ML and nine PML. There were three new PL applications for iron ore.

#### NEGERI SEMBILAN

For the year 2016, one ML application for gold, one PML application for iron ore and one ML renewal application for feldspar were registered.

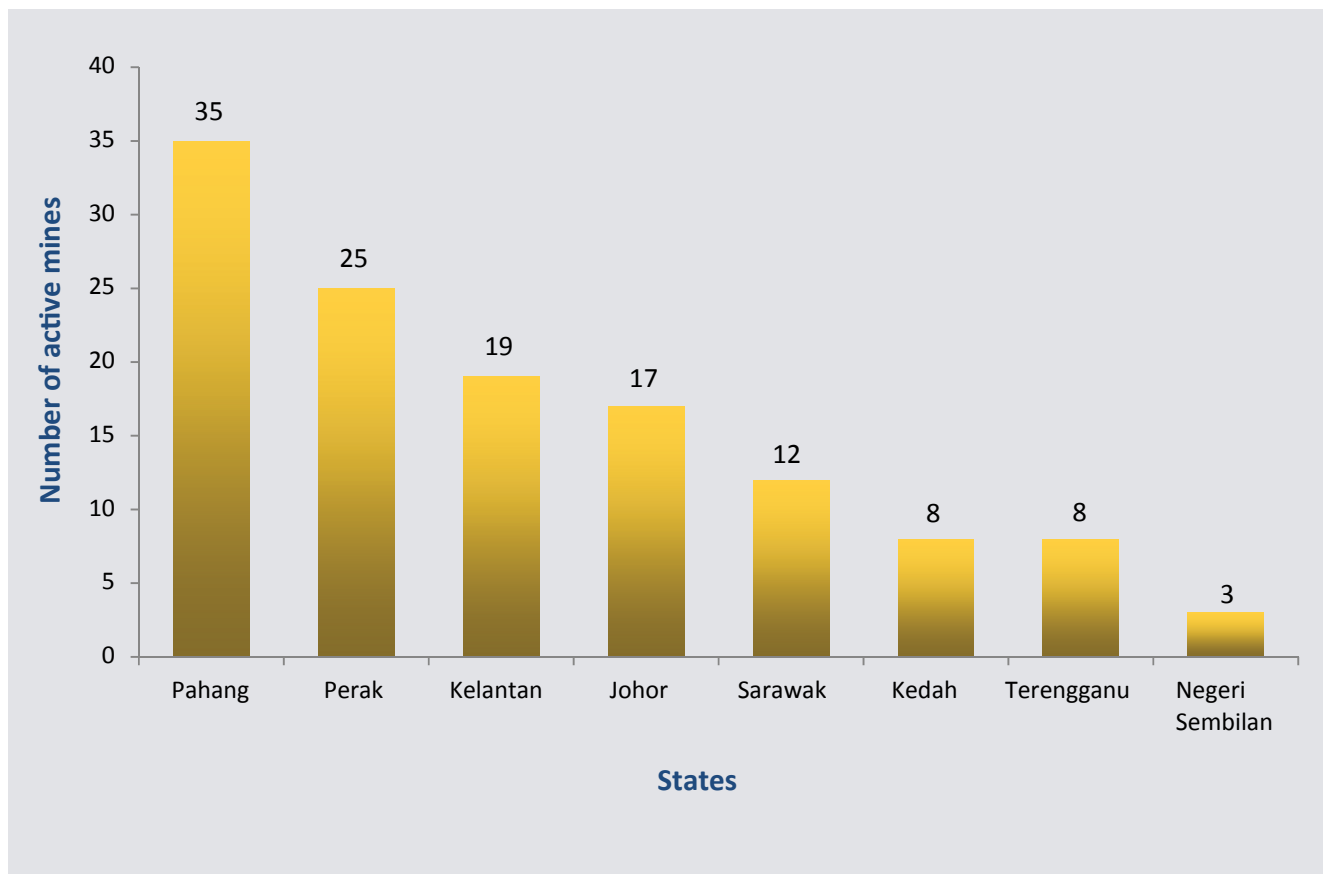
#### MELAKA

In 2016, Melaka State Authority has received one EL application for tin ore and that application was approved.

## Senario Aktiviti Perlombongan Di Negeri-Negeri Scenario of Mining Activities in the States

Dalam tahun 2016, perlombongan dijalankan di negeri Pahang, Perak, Kelantan, Johor, Sarawak, Kedah, Terengganu dan Negeri Sembilan. Jumlah bilangan lombong pada tahun ditinjau ialah 127. Rajah 11 menunjukkan pecahan bilangan lombong aktif mengikut negeri pada akhir tahun 2016. Senario perlombongan di negeri-negeri diringkaskan dalam perenggan-perenggan berikut:

In 2016, mining was carried out in the states of Pahang, Perak, Kelantan, Johor, Sarawak, Kedah, Terengganu and Negeri Sembilan. The total number of operating mines during the year under review was 127. The breakdown of the number of active mines by state at the end of year 2016 is shown in Figure 11. The scenario of mining in the states is briefly described as below:



**Rajah 11: Bilangan lombong aktif mengikut negeri, 2016**  
Figure 11: Number of active mines by state, 2016

## PAHANG

Pada tahun 2016, aktiviti perlombongan di negeri Pahang menunjukkan trend penurunan. Mineral yang dilombong di negeri ini adalah bijih besi, emas, bijih timah, mangan dan kaolin. Nilai keseluruhan pengeluaran mineral di Pahang berjumlah RM660.23 juta.

Jumlah lombong yang aktif pada tahun 2016 adalah 35 yang terdiri daripada 23 lombong besi, lima lombong emas, tiga lombong timah, dua lombong mangan dan dua lombong kaolin.

## PERAK

Dalam tahun 2016, terdapat hanya lapan lombong timah yang aktif beroperasi di daerah Hulu Perak, Kinta dan Batang Padang. Daripada jumlah tersebut, hanya tiga buah lombong yang menghasilkan pengeluaran iaitu Rahman Hydraulic Tin Sdn. Bhd., HWG Tin Mining Sdn. Bhd. dan Uniteck Agency Sdn. Bhd.

Terdapat 15 lombong kaolin dan dua lombong mika yang telah beroperasi sepanjang tahun 2016. Daripada jumlah ini, satu lombong kaolin terletak di daerah Kinta manakala lombong selebihnya terletak di daerah Batang Padang.

Jumlah pengeluaran mineral di Perak bagi tahun 2016 bernilai RM196.29 juta.

## KELANTAN

Pada tahun 2016, industri perlombongan di Kelantan mengalami kemerosotan dengan bilangan lombong aktif berkurang kepada 19 buah berbanding 41 pada tahun sebelumnya. Kemerosotan drastik ini adalah disebabkan kejatuhan harga mineral. Nilai pengeluaran mineral adalah sebanyak RM262.95 juta.

## PAHANG

In year 2016, the trend of mining industry in the state of Pahang had shown a decrease in performance. Minerals mined in this state were iron ore, gold, tin ore, manganese and kaolin. The total value of minerals produced in Pahang was RM660.23 million.

Active operating mines in Pahang for the year 2016 were 35 comprising of 23 iron mines, five gold mines, three tin mines, two manganese mines and two kaolin mines.

## PERAK

In 2016, only eight tin mines were actively operating in Hulu Perak, Kinta and Batang Padang districts. From this figure, production came from only three mines which were Rahman Hydraulic Tin Sdn. Bhd., HWG Tin Mining Sdn. Bhd. and Uniteck Agency Sdn. Bhd.

There were 15 kaolin mines and two mica mines which had been operating throughout the year 2016. From this figure, one kaolin mine was located in Kinta district whereas the other mines were in Batang Padang district.

The total mineral production value in Perak for the year 2016 was RM196.29 million.

## KELANTAN

In 2016, the mining industry in Kelantan has declined with the decreased of the number of active mines to 19 compared with 41 in the previous year. This drastic decline was due to the fall in mineral price. The value of mineral production was RM262.95 million.



Terdapat 12 buah lombong baru telah dibuka dengan jumlah pelaburan sebanyak RM31.5 juta. Kesemua lombong tersebut diusahakan secara kecil-kecilan oleh syarikat tempatan tanpa melibatkan pelaburan dari negara luar.

Terdapat sebanyak lima lombong emas, tiga lombong feldspar, lapan lombong mangan, dua lombong besi dan satu lombong timah di negeri Kelantan. Sementara perak hanyalah hasil sampingan lombong emas yang diusahakan oleh CNMC Mining Group Sdn. Bhd. yang terletak di Sokor, Tanah Merah.

### **JOHOR**

Perlombongan di negeri Johor dijalankan dalam skala sederhana dan kecil. Terdapat 17 buah lombong mengeluarkan pelbagai jenis mineral seperti bijih timah, bijih besi, bauksit, pasir silika dan kaolin yang bernilai RM74.05 juta.

Terdapat enam lombong besi di daerah Batu Pahat, Kota Tinggi, Mersing dan Muar, dua lombong bauksit tertumpu di Pengerang daerah Kota Tinggi dan di Jemaluang, Mersing, tiga lombong pasir silika beroperasi di sekitar daerah Kota Tinggi dan Mersing manakala dua perlombongan kaolin dijalankan di daerah Mersing.

Terdapat tiga lombong timah di Kota Tinggi, dimana dua daripadanya adalah lombong timah jenis aluvium dan satu jenis batuan keras.

### **SARAWAK**

Bagi tahun 2016, bilangan lombong aktif di Sarawak ialah 12 iaitu terdiri daripada lapan lombong arang batu, tiga lombong pasir silika dan satu lombong batu kapur. Jumlah mineral yang dikeluarkan bernilai RM332.47 juta.

There were 12 new mines opened with a total investment of RM31.5 million. All of the mines were operated in small scale by local companies without involving foreign investment.

There were five gold mines, three feldspar mines, eight manganese mines, two iron mines and one tin mine in Kelantan. Silver was produced as a by-product from a gold mine operated by CNMC Mining Group Sdn. Bhd. which was situated in Sokor, Tanah Merah.

### **JOHOR**

Medium and small scales mining were carried out in Johor. There were 17 mines in the state producing various types of mineral such as tin ore, iron ore, bauxite, silica sand and kaolin, valued at RM74.05 million.

There were six iron mines in the districts of Batu Pahat, Kota Tinggi, Mersing and Muar, two bauxite mines were operating in Pengerang, Kota Tinggi district and in Jemaluang, Mersing district, three silica sand mines were operating around Kota Tinggi and Mersing districts while there were two kaolin mines operating in Mersing district.

There were three tin mines operating in Kota Tinggi where two of them were of alluvium and the rest was in the hardrock.

### **SARAWAK**

For the year 2016, there were 12 active mines in Sarawak comprising eight coal mines, three silica sand mines and one limestone mine. The total mineral produced was valued at RM332.47 million.

Arang batu dilombong secara aktif di kawasan Mukah-Balingian, Kapit dan Silantek. Satu kawasan baru di Ulu Linai, Marudi, Bahagian Miri telah dibuka bagi perlombongan pasir silika. Pengeluaran tahunan arang batu di Sarawak adalah sebanyak 2,414,765 tan bernilai RM316.11 juta.

Pelaburan asing dari Australia terus membantu industri perlombongan emas tempatan dengan menggalakkan eksplorasi dijalankan secara aktif di dalam beberapa kawasan tenemen mineral di Bau, Bahagian Kuching.

#### KEDAH

Terdapat lapan buah lombong aktif di negeri Kedah pada tahun 2016 terdiri daripada lima lombong besi, dua lombong timah dan satu lombong pasir silika. Nilai keseluruhan mineral yang dikeluarkan di Kedah berjumlah RM4.96 juta.

#### TERENGGANU

Pada tahun 2016, hanya lapan buah lombong yang aktif beroperasi di Terengganu. Terdapat empat lombong besi, dua lombong emas dan satu lombong timah. Mineral-mineral bernilai RM30.92 juta telah dilombong.

#### NEGERI SEMBILAN

Di Negeri Sembilan, terdapat satu lombong besi di Port Dickson dan dua lombong feldspar terletak di Tampin. Jumlah pengeluaran tahunan bijih besi dan feldspar masing-masing adalah sebanyak 4,125 tan dan 29,550 tan. Pengeluaran mineral-mineral ini bernilai RM1.51 juta.

Coal is actively mined in Mukah-Balingian, Kapit and Silantek areas. A new area in Ulu Linai, Marudi, Miri Division has been opened for silica sand mining. The annual production for coal in Sarawak was 2,414,765 tonnes valued at RM316.11 million.

Investment from Australia continued to boost local gold mining industry by encouraging active exploration in a few mineral tenement areas in Bau, Kuching Division.

#### KEDAH

There were eight active mines in Kedah for the year 2016 comprising five iron mines, two tin mines and one silica sand mine. The total value of minerals produced in Kedah was RM4.96 million.

#### TERENGGANU

In 2016, only eight mines were actively operating in Terengganu. There were four iron mines, two gold mines and one tin mine. A total of RM30.92 million worth of minerals have been mined.

#### NEGERI SEMBILAN

In Negeri Sembilan, there were one iron mine in Port Dickson and two feldspar mines in Tampin. The total annual production for iron ore and feldspar were 4,125 tonnes and 29,550 tonnes respectively. These minerals produced were valued at RM1.51 million.

Jadual  
Table  
**1a**

**Nilai pengeluaran mineral mengikut negeri**  
**Values of minerals produced by state**

Produk Products	Kedah		Perak		W.P. Kuala Lumpur		Negeri Sembilan		Johor	
	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)
Timah dalam Konsentrat Tin-in-concentrates	12	0.63	3,182	163.07	4	0.23	-	-	218	11.17
Bauksit Bauxite	-	-	-	-	-	-	-	-	342,924	35.49
Bijih Besi Iron Ore	43,600	4.33	-	-	-	-	4,125	0.33	195,895	19.56
Kaolin	-	-	202,590	30.39	-	-	-	-	18,350	0.55
* Emas (gram) Gold (gramme)	-	-	-	-	-	-	-	-	-	-
Pasir Silika Silica Sand	-	-	-	-	-	-	-	-	145,602	7.28
Arang Batu Coal	-	-	-	-	-	-	-	-	-	-
Mangan Manganese	-	-	-	-	-	-	-	-	-	-
Mika Mica	-	-	4,716	2.83	-	-	-	-	-	-
Feldspar	-	-	-	-	-	-	-	-	-	-
Batu Kapur Limestone	-	-	-	-	-	-	29,550	1.18	-	-
<b>Jumlah total</b>		<b>4.96</b>		<b>196.29</b>		<b>0.23</b>		<b>1.51</b>		<b>74.05</b>

Nota : \* pengeluaran emas dalam unit gram  
Note : gold production in gram units

Jadual  
Table **1b**

**Nilai pengeluaran mineral mengikut negeri**  
**Values of minerals produced by state**

Produk Products	Pahang		Terengganu		Kelantan		Sarawak		Jumlah Total	
	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)	Pengeluaran (tan) Production (tonne unless otherwise specified)	Nilai RM (Juta) Value RM (Million)
Timah dalam Konsentrat Tin-in-concentrates	732	37.51	9	0.46	0.09	0.02	-	-	4,158	213.09
Bauxit Bauxite	-	-	-	-	-	-	-	-	342,924	35.49
Bijih Besi Iron Ore	1,394,084	390.34	193,608	20.14	83,180	8.65	-	-	1,914,492	443.35
Kaolin Kaolin	65,000	1.39	-	-	-	-	-	-	285,940	32.33
* Emas (gram) Gold (gramme)	1,220,648	211.00	21,682	3.75	1,006,661	174.01	-	-	2,248,991	388.76
Pasir Silika Silica Sand	-	-	82,153	6.57	-	-	120,149	16.22	347,904	30.07
Arang Batu Coal	-	-	-	-	-	-	2,414,765	316.11	2,414,765	316.11
Mangan Manganese	222,079	19.99	-	-	478,638	62.22	-	-	700,717	82.21
Mika Mica	-	-	-	-	-	-	-	-	4,716	2.83
Feldspar Feldspar	-	-	-	-	328,107	18.05	-	-	357,657	19.23
Batu Kapur Limestone	-	-	-	-	-	-	13,993	0.14	13,993	0.14
<b>Jumlah total</b>		<b>660.23</b>		<b>30.92</b>		<b>262.95</b>		<b>332.47</b>		<b>1,563.61</b>

Nota : \* pengeluaran emas dalam unit gr  
Note : gold production in gram units



## Tenaga Kerja Workforce

Pada akhir tahun 2016, terdapat seramai 5,029 orang pekerja dalam industri perlombongan, penurunan sebanyak 30.5 peratus berbanding tahun sebelumnya.

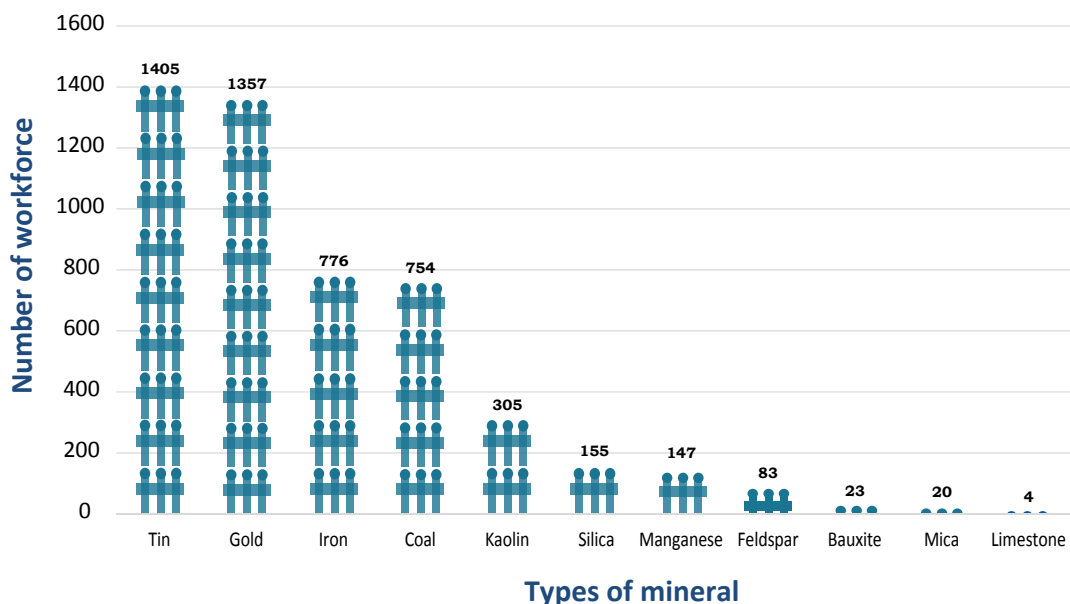
In 2016, the number of workers employed in mining industry was 5,029, a 30.5 percent decrease compared with the previous year.

Mengikut jenis perlombongan mineral, lombong bijih timah mempunyai tenaga kerja yang paling ramai iaitu 1,405 orang diikuti dengan lombong emas (1,357) dan lombong bijih besi (776). Sebaliknya, bilangan pekerja dalam perlombongan mika dan perlombongan batu kapur adalah yang terendah, masing-masing menggajikan seramai 20 orang dan hanya empat orang.

By the type of mineral mining, tin mining accounts for the largest number of employment, employing 1,405 people, followed by gold mining (1,357) and iron mining (776). By contrast, the number of workforce in mica mining and limestone mining were the lowest, employing 20 people and only four people respectively.

Pecahan bilangan pekerja mengikut jenis perlombongan mineral ditunjukkan di dalam Rajah 12.

The breakdown in the number of workforce by types of mineral mining is shown in Figure 12.

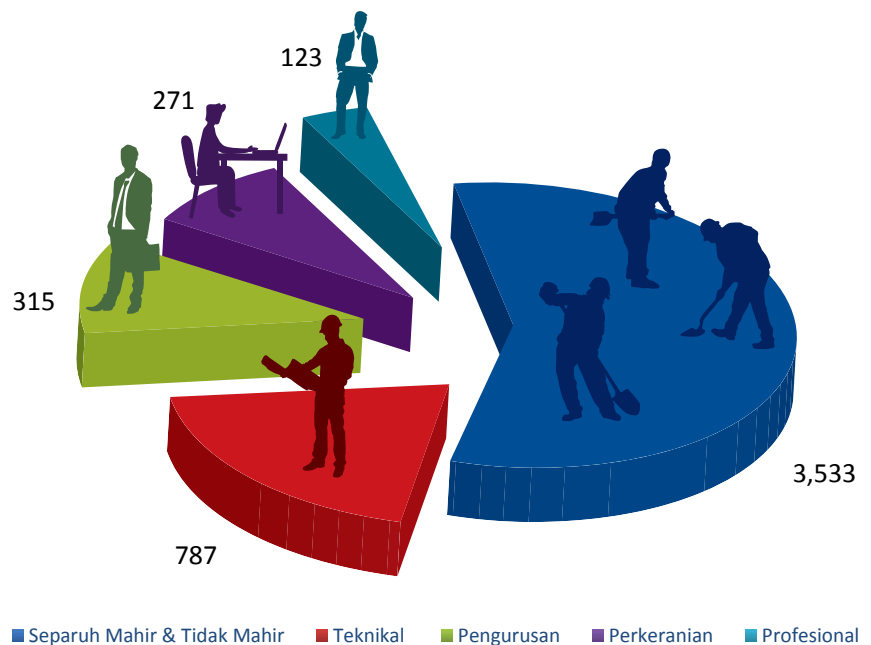


**Rajah 12: Tenaga kerja mengikut jenis perlombongan mineral, 2016**  
Figure 12: Workforce by types of mineral mining, 2016

Rajah 13 menunjukkan agihan tenaga kerja mengikut pengkelasan jawatan. Keseluruhannya, bahagian terbesar pekerja perlombongan adalah dari kategori separuh mahir dan tidak mahir (3,533) diikuti dengan kakitangan teknikal (787), pengurusan (315), kakitangan perkeranian (271) dan profesional (123).

Figure 13 showed the distribution number of workers by job classification. Overall, the largest proportion of mining workers was from semi-skilled & unskilled category (3,533), followed by technical personnel (787), managerial (315), clerical staff (271) and professional (123).

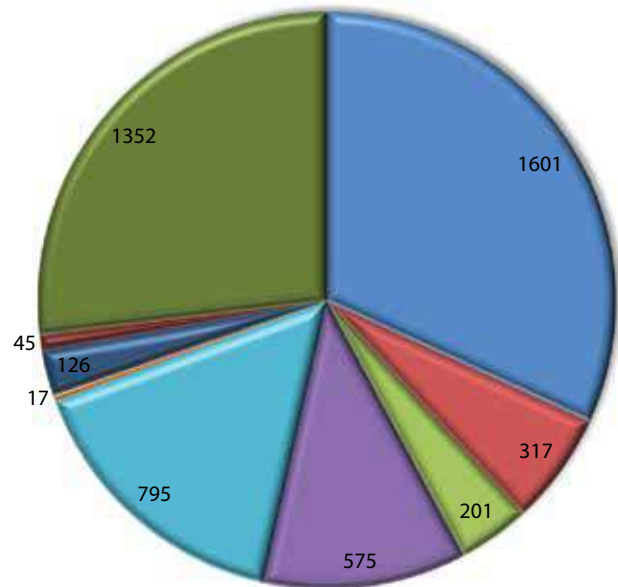
Pengkelasan Jawatan	Bilangan
Separuh Mahir & Tidak Mahir	3,533
Teknikal	787
Pengurusan	315
Perkeranian	271
Profesional	123
<b>Jumlah</b>	<b>5,029</b>



**Rajah 13 : Tenaga kerja mengikut pengkelasan jawatan, 2016**

Figure 13: Workforce by job classification, 2016

Negeri	Bilangan Pekerja
Pahang	1601
Perak	1352
Sarawak	795
Kelantan	575
Johor	317
Terengganu	201
Kedah	126
Selangor	45
Negeri Sembilan	17
<b>Total</b>	<b>5029</b>



■ PAHANG ■ JOHOR ■ TERENGGANU ■ KELANTAN ■ SARAWAK ■ NEGERI SEMBILAN ■ KEDAH ■ SELANGOR ■ PERAK

**Rajah 14: Tenaga kerja mengikut negeri, 2016**  
Figure 14: Workforce by state, 2016

Pengagihan tenaga kerja mengikut negeri-negeri di Malaysia bagi tahun 2016 ditunjukkan seperti Rajah 14. Ketiga-tiga negeri Pahang (1,601), Perak (1,352) dan Sarawak (795) mengambil bahagian terbesar daripada jumlah keseluruhan tenaga kerja sektor perlombongan iaitu 74.53 peratus. Bilangan tenaga kerja di Perak dan Selangor adalah termasuk pekerja di kilang pembilasan amang dengan masing-masing seramai 230 orang dan 45 orang.

The distribution of workforce according to the states in Malaysia for the year 2016 is shown in Figure 14. The three states of Pahang (1,601), Perak (1,352) and Sarawak (795) accounted for the largest share of the mining sector's total employment of 74.53 percent. The number of workforce in Perak and Selangor included workers in amang retreatment plants with 230 and 45 respectively.



## Prospek Industri Perlombongan The Prospect of Mining Industry

Malaysia dilimpahi dengan sumber mineral yang banyak seperti bijih timah, bauksit, bijih besi, kaolin, emas, pasir silika, arang batu, mika (serisit), mangan, feldspar, batu kapur dan sebagainya. Pengeluaran mineral dari perlombongan dan aktiviti lain yang berkaitan dengannya memainkan peranan penting dalam ekonomi Malaysia.

Di Malaysia, sektor mineral dikawal oleh Akta Pembangunan Mineral 1994 dan Enakmen Mineral Negeri. Akta Pembangunan Mineral 1994 memperuntukkan kuasa kerajaan persekutuan untuk mengawalselia eksplorasi mineral, perlombongan dan aktiviti berkaitan perlombongan, manakala Enakmen Mineral Negeri pula memberi kuasa kepada kerajaan negeri mengeluarkan lesen mencarigali dan penjelajahan, dan pajakan melombong.

Pada tahun 2016, peraturan baru di bawah Akta Pembangunan Mineral 1994 telah diwartakan iaitu Peraturan-Peraturan Pembangunan Mineral (Pelesenan) 2016 dan Peraturan-Peraturan Pembangunan Mineral (Effluen) 2016. Dalam Peraturan-Peraturan Pembangunan Mineral (Pelesenan) 2016, tertakluk kepada hak pemegang mana-mana tenemen mineral, tiada seorang pun boleh memiliki, menjual atau menyimpan sebarang mineral melainkan orang tersebut memegang lesen mineral atau menjalankan sebarang aktiviti pemprosesan mineral melainkan orang tersebut memegang lesen memproses mineral atau mengangkut sebarang mineral melainkan orang tersebut memegang suatu lesen untuk mengangkut mineral tersebut.

Pada tahun 2016, terdapat 127 buah lombong yang telah beroperasi di negara ini yang terdiri daripada lombong timah (18), bauksit (3), besi (41), kaolin (19), emas (12), pasir silika (8), arang batu (8), mangan (10), mika (2) feldspar (5) dan batu kapur (1).

Malaysia is blessed with abundance of mineral resources such as tin ore, bauxite, iron ore, kaolin, gold, silica sand, coal, mica (sericite), manganese, feldspar, limestone et cetera. Mineral production from mining and other related mining activities played an important role in Malaysia's economy.

In Malaysia, mineral sector is governed by the Mineral Development Act 1994 and State Mineral Enactment. The Mineral Development Act 1994 defines power of the federal government to regulate mineral exploration, mining, and mining related activities whereas the State Mineral Enactment gives the state the power to issue mineral prospecting and exploration licences, and mining leases.

In 2016, new regulations which are subsidiaries of Mineral Development Act 1994 have been gazetted namely Mineral Development (Licensing) Regulations 2016 and Mineral Development (Effluents) Regulations 2016. Under Mineral Development (Licensing) Regulations 2016, subject to the right of the holder of any mineral tenements, no person shall possess, sell or store any minerals unless the person holds a mineral licence or carry out any mineral processing activity unless the person holds a mineral processing licence or transport any minerals unless the person holds a licence to transport the mineral.

For the year 2016, a total of 127 mines had been operating in the country which comprised of tin mines (18), bauxite (3), iron (41), kaolin (19), gold (12), silica sand (8), coal (8), manganese (10), mica (2), feldspar (5) and limestone (1).

Pengeluaran timah dalam konsentrat pada tahun 2016 telah meningkat kepada 4,158 tan dari 4,125 tan pada tahun 2015. Harga pasaran logam timah telah meningkat dengan ketara sepanjang tahun 2016. Harga logam timah telah meningkat kepada RM94,768.60 se tan pada bulan Disember 2016 dari RM62,089.22 se tan pada bulan Januari 2016, dan RM95,238.00 se tan pada bulan November 2016 merupakan harga tertinggi logam timah dalam tahun 2016. Kebanyakan bijih timah padat dikeluarkan dari lombong dedah yang menyumbang sebanyak 3,423 tan diikuti dengan kilang pembilasan amang (442 tan) dan mendulang (293 tan).

Pengeluaran bauksit pada tahun 2016 telah berkurang dengan ketara sebanyak 95.2 peratus kepada 342,924 tan dari 7,164,956 tan pada tahun 2015. Pengurangan dalam pengeluaran bauksit disebabkan moratorium yang dikenakan terhadap operasi perlombongan bauksit di Pahang oleh kerajaan untuk menyelesaikan beberapa isu alam sekitar di samping untuk menghabiskan stokpil bauksit sedia ada mulai bulan Januari 2016. Bagi tahun 2016, kesemua pengeluaran bauksit adalah dari lombong yang terletak di Johor.

Sebanyak 12 lombong emas telah beroperasi di Malaysia pada tahun 2016. Pengeluaran emas telah berkurang kepada 2,248,990 gram dari 4,732,261 gram pada tahun 2015, dimana 54.28 peratus pengeluarannya dari Pahang diikuti dengan Kelantan (44.76%) dan Terengganu (0.96%).

Pengeluaran pasir silika adalah dari lombong berskala kecil yang terletak di negeri Sarawak, Terengganu, Kedah dan Johor. Pada tahun 2016, pengeluaran pasir silika telah meningkat sebanyak 43.14 peratus kepada 347,904 tan dari 197,803 tan pada tahun sebelumnya. Negeri Johor kekal sebagai pengeluar utama pasir silika dengan pengeluaran sebanyak 41.8 peratus dari jumlah keseluruhan.

Melangkah ke tahun 2017, industri perlombongan di Malaysia dijangka kekal berkembang, dipacu oleh permintaan mineral yang berterusan samada di peringkat nasional dan dunia. Selaras dengan pelaksanaan polisi mineral, undang-undang dan perundangan berkaitan aktiviti perlombongan, kewujudan beberapa elemen penting ini akan menggalakkan pembangunan ekonomi yang mampan yang akhirnya menyumbang kepada peningkatan sosio ekonomi masyarakat.

Tin-in-concentrates production in 2016 increased to 4,158 tonnes from 4,125 tonnes in 2015. Market price of tin increased substantially throughout the year 2016. The price of tin increased to RM94,768.60 per tonne in December 2016 from RM62,089.22 per tonne in January 2016, and RM95,238.00 per tonne in November 2016 which was the highest tin price in the year 2016. Most of tin-in-concentrates was produced from open cast mines which constituted 3,423 tonnes followed by amang retreatment plants (442 tonnes) and panning (293 tonnes).

Bauxite production in 2016 decreased significantly by 95.2 percent to 342,924 tonnes from 7,164,956 tonnes in 2015. The decrease in bauxite production was due to the implementation of moratorium on bauxite mining operation in Pahang by the government to sort out several environmental issues as well as to completely clear the existing stockpiles of bauxite which began in January 2016. For the year 2016, bauxite was solely produced from mines in Johor.

A total of 12 gold mines were operating in Malaysia in 2016. Gold production decreased to 2,248,990 gramme from 4,732,261 gramme in 2015, which encompassing 54.28 percent from Pahang followed by Kelantan (44.76%) and Terengganu (0.96%).

Silica sand production was from small-scale mines located in the states of Sarawak, Terengganu, Kedah and Johor. In 2016, silica sand production increased by 43.14 percent to 347,904 tonnes from 197,803 tonnes in the previous year. Johor remained the leading producer with 41.8 percent of total production.

Venturing into the year 2017, the Malaysian mining industry is expected to remain on a growth path, driven by the on-going demand for minerals both nationally and globally. Together with established mineral policy, laws and legislations concerning mining activity, these key elements will promote sustainable economic growth thus eventually contributing towards the improved socio-economic well-being of the people.





**Ringkasan Perangkaan**  
**Summary of Statistics**

## Jadual **2a** Table

### Ringkasan Perangkaan bagi Tahun 2016 Summary of Statistics for Year 2016

#### Produk Utama Primary Products

Produk Products	Bilangan Lombong Number of Mines		Bilangan Pekerja Number of Workers		Pengeluaran Production (* )		Nilai Value RM (Juta) RM (Million)	
	2016	2015	2016	2015	2016	2015	2016	2015
Timah-dalam-konsentrat <i>Tin-in-concentrates</i>	18	20	1,405	1,519	4,158	4,125	213.09	285.30
Bauksit <i>Bauxite</i>	3	23	23	297	342,924	7,164,956	35.49	832.21
Bijih Besi <i>Iron Ore</i>	41	97	776	2,034	1,914,492	1,625,253	443.35	245.53
Kaolin <i>Kaolin</i>	19	19	305	314	285,940	255,448	32.33	27.50
Emas <i>Gold</i>	12	14	1,357	1,801	2,248,990 (g)	4,732,261 (g)	388.76	780.82
Pasir Silika <i>Silica Sand</i>	8	6	155	95	347,904	197,803	30.07	16.20
Arang Batu <i>Coal</i>	8	8	754	829	2,414,765	2,559,444	316.11	307.15
Mangan <i>Manganese</i>	10	18	147	247	700,717	480,727	82.21	55.20
Barit <i>Barytes</i>	-	1	-	-	-	-	-	-
Mika (Serisit) <i>Mica (Sericite)</i>	2	2	20	13	4,716	4,788	2.83	0.34
Feldspar <i>Feldspar</i>	5	5	83	84	357,657	346,050	19.23	21.59
Batu Kapur <i>Limestone</i>	1	1	4	4	13,993	12,505	0.14	0.15
<b>JUMLAH TOTAL</b>	<b>127</b>	<b>214</b>	<b>5,029</b>	<b>7,237</b>	<b>-</b>	<b>-</b>	<b>1,563.61</b>	<b>2,571.99</b>

Nota : \* bermakna tan melainkan dinyatakan.  
Note : \* denotes tonne otherwise specified.

Pengeluaran dari tenemen mineral  
Production from mineral tenement

Jadual **2b**  
Table

Ringkasan Perangkaan bagi Tahun 2016  
Summary of Statistics for Year 2016

**Produk Sampingan**

( Dari kilang pembilasan amang atau lombong timah kecuali dinyatakan )  
By-products ( From amang retreatment plants or tin mines unless otherwise specified )

Produk Products	Pengeluaran (tan) Production (tonnes)		Nilai Value RM (Juta) RM (Million)	
	2016	2015	2016	2015
Perak <sup>+</sup> Silver	1,075,325 (g)	944,660 (g)	2.69	2.25
Ilmenit Ilmenite	4,316	5,814	1.51	1.63
Monazit Monazite	1,876	499	14.07	4.50
Zirkon Zircon	653	826	1.63	2.17
Rutil Rutile	3,810	198	7.62	0.57
Struverit Struverite	77	86	1.49	2.19
Pasir Hampas <sup>#</sup> Tailing sand	604,105	203,085	12.08	4.06
Pasir Silika Silica Sand	1,034	1,451	0.04	0.17
Xenotim Xenotime	4	66	0.06	1.39
<b>JUMLAH</b>			<b>41.20</b>	<b>18.93</b>

Nota : \* bermakna tan melainkan dinyatakan.

Note : \* denotes tonne unless otherwise specified.

+ Hasil sampingan diperolehi dari lombong emas di Pahang dan Kelantan.

+ By-product from gold mines in Pahang and Kelantan.

# Pasir yang dicuci dari lombong timah dan kilang pembilasan amang di Perak.

# Washed sand from tin mines and amang retreatment plants in Perak.

Jadual  
Table  
**3**

**Perlombongan Timah : Pengeluaran bulanan timah dalam konsentrat mengikut kaedah melombong (tan)**  
**Tin Mining : Monthly production of tin-in-concentrates by mining methods (tonne)**

Bulan Month	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombong Dedah Open Cast	Bawah Tanah Underground	Kilang Pembilasan Amang Amang Retreatment Plant	Mendulang Panning	Jumlah Total
<b>2016</b>	-	-	<b>3,423</b>	-	<b>442</b>	<b>293</b>	<b>4,158</b>
Januari	-	-	309	-	37	11	357
Februari	-	-	271	-	30	3	304
Mac	-	-	299	-	63	24	386
April	-	-	301	-	33	28	361
Mei	-	-	301	-	45	30	375
Jun	-	-	285	-	27	30	342
Julai	-	-	265	-	21	26	311
Ogos	-	-	245	-	31	27	303
September	-	-	268	-	39	28	335
Oktober	-	-	286	-	32	29	347
November	-	-	293	-	36	30	359
Disember	-	-	300	-	49	29	378

Jadual  
Table **4**

Perlombongan Timah : Pengeluaran bagi timah dalam konsentrat mengikut negeri dan kaedah melombong (tan)  
Tin Mining : Production of tin-in-concentrates by state and mining method (tonne)

Negeri State	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombong Dedah Open Cast	Bawah Tanah Underground	Kilang Pembilasan Amang Amang Retreatment Plant	Mendulang Panning	Jumlah Total
<b>2016</b>	-	-	<b>3,422.74</b>	-	<b>442.11</b>	<b>292.90</b>	<b>4,158</b>
Perlis	-	-	-	-	-	-	-
Kedah	-	-	12.24	-	-	-	12
Perak	-	-	2,451.01	-	442.11	288.46	3,182
Selangor	-	-	-	-	-	-	-
W.P. Kuala Lumpur	-	-	-	-	-	4.43	4
Negeri Sembilan	-	-	-	-	-	-	-
Melaka	-	-	-	-	-	-	-
Johor	-	-	218.04	-	-	-	218
Pahang	-	-	731.93	-	-	-	732
Terengganu	-	-	9.43	-	-	-	9
Kelantan	-	-	0.09	-	-	-	0.09



Jadual  
Table **5**

**Perlombongan Timah : Pengeluaran bulanan timah dalam konsentrat mengikut negeri (tan)**  
**Tin Mining : Monthly production of tin-in-concentrates by state (tonne)**

Bulan Month	Perak	Pahang	Kedah	Terengganu	Johor	Kelantan	Selangor	W.P. Kuala Lumpur	Jumlah Total/
<b>2016</b>	<b>3,181.59</b>	<b>731.93</b>	<b>12.24</b>	<b>9.43</b>	<b>218.04</b>	<b>0.09</b>	-	<b>4.43</b>	<b>4,158</b>
Januari	255.16	85.40	-	-	11.53	0.09	-	4.43	357
Februari	228.09	63.06	-	-	13.22	-	-	-	304
Mac	288.97	75.19	0.14	-	22.12	-	-	-	386
April	268.32	67.24	1.27	-	24.41	-	-	-	361
Mei	278.74	65.78	1.46	3.35	25.91	-	-	-	375
Jun	250.89	65.45	3.96	1.55	19.88	-	-	-	342
Julai	239.94	51.12	2.57	4.54	13.01	-	-	-	311
Ogos	253.30	32.46	0.78	-	16.02	-	-	-	303
September	258.65	59.87	-	-	16.01	-	-	-	335
Oktober	259.72	63.82	0.84	-	22.59	-	-	-	347
November	287.13	52.82	1.22	-	18.11	-	-	-	359
Disember	312.68	49.72	-	-	15.24	-	-	-	378

Jadual  
Table **6**

Perlombongan Timah : Bilangan lombong secara bulanan mengikut kaedah melombong  
Tin Mining : Monthly number of mines by mining methods

Bulan Month	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombong Dedah Open Cast	Bawah Tanah Underground	Jumlah Total	Kilang Pembilasan Amang Amang Retreatment Plant
<b>2016</b>	-	-	<b>17</b>	-	<b>17</b>	<b>18</b>
Januari	-	-	16	-	16	18
Februari	-	-	17	-	17	18
Mac	-	-	17	-	17	18
April	-	-	16	-	16	18
Mei	-	-	17	-	17	18
Jun	-	-	17	-	17	18
Julai	-	-	17	-	17	18
Ogos	-	-	16	-	16	18
September	-	-	16	-	16	18
Oktober	-	-	15	-	15	18
November	-	-	14	-	14	18
Disember	-	-	14	-	14	18

# Jadual Table 7

**Perlombongan timah : Bilangan lombong mengikut negeri dan kaedah melombong**  
**Tin mining : Number of mines by state and mining method**

Negeri State	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombong Dedah Open Cast	Bawah Tanah Underground	Jumlah Total	Kilang Pembilasan Amang Amang Retreatment Plant
<b>2016</b>	-	-	<b>18</b>	-	<b>18</b>	<b>18</b>
Perlis	-	-	-	-	-	-
Kedah	-	-	2	-	2	-
Pulau Pinang	-	-	-	-	-	-
Perak	-	-	8	-	8	16
Selangor	-	-	-	-	-	2
W. P. Kuala Lumpur	-	-	-	-	-	-
Negeri Sembilan	-	-	-	-	-	-
Melaka	-	-	-	-	-	-
Johor	-	-	3	-	3	-
Pahang	-	-	3	-	3	-
Terengganu	-	-	1	-	1	-
Kelantan	-	-	1	-	1	-

Jadual  
Table  
**8**

**Perlombongan Timah : Bilangan lesen mendulang dan lesen melombong individu mengikut negeri \***  
**Tin Mining : Number of dulang licence and individual mining licence by state \***

Negeri State	Lesen Mendulang Dulang Licence	Lesen Melombong Individu Individual Mining Licence	Jumlah Total
<b>2016</b>	<b>2,217</b>	<b>-</b>	<b>2,217</b>
Perak	2,081	-	2,081
Selangor	136	-	136

Nota : \* Kedudukan pada akhir tahun.  
Note : \* As at the end of the year.

Jadual  
 Table **9**

 Penggunaan tempatan bulanan bagi logam timah mengikut jenis (tan)  
 Monthly local consumption of tin metal by type (tonne)

Bulan Month	Jenis Penggunaan Type of Consumption						Jumlah Total
	Pateri Solder	Piuter Pewter	Sadur timah Tin plate	Kabel Cable	Lain-Lain Others		
<b>2016</b>	<b>1,252.41</b>	<b>39.22</b>	<b>751.00</b>	<b>26.81</b>	<b>265.56</b>	<b>2,335.00</b>	
Januari	77.18	5.00	63.00	1.45	20.12	166.75	
Februari	90.50	2.51	46.00	2.00	63.00	204.01	
Mac	142.65	4.63	64.00	2.00	0.18	213.46	
April	119.63	4.44	62.00	3.00	43.06	232.13	
Mei	129.53	3.90	69.00	1.21	31.18	234.82	
Jun	85.00	3.00	59.00	3.15	1.27	151.42	
Julai	53.10	2.42	58.00	2.00	0.18	115.70	
Ogos	132.76	5.51	59.00	1.00	1.21	199.48	
September	152.09	3.30	45.00	2.00	2.12	204.51	
Oktober	94.27	1.51	73.00	3.00	101.00	272.78	
November	82.77	-	67.00	2.00	2.18	153.95	
Disember	92.93	3.00	86.00	4.00	0.06	185.99	

 Sumber / Source : Malaysia Smelting Corporation Berhad  
 PERSTIMA

Jadual **10**  
Table

**Harga Logam Timah bagi Tahun 2016**  
**Tin Metal Prices in 2016**

Bulan Month	PTKL (USD/tan) KLTM (USD/tonne)			
	Tertinggi Highest	Terendah Lowest	Perbezaan Difference	Purata Average
<b>2016</b>	<b>22,000</b>	<b>13,250</b>	<b>8,750</b>	<b>17,867</b>
Januari	14,550	13,250	1,300	<b>13,745</b>
Februari	16,030	14,550	1,480	<b>15,324</b>
Mac	17,400	15,930	1,470	<b>16,848</b>
April	17,450	16,550	900	<b>17,029</b>
Mei	17,600	15,750	1,850	<b>16,908</b>
Jun	17,130	16,200	930	<b>16,909</b>
Julai	17,990	17,080	910	<b>17,786</b>
Ogos	18,850	17,900	950	<b>18,373</b>
September	20,080	18,900	1,180	<b>19,466</b>
Oktober	20,550	19,500	1,050	<b>20,003</b>
November	22,000	20,050	1,950	<b>21,001</b>
Disember	21,230	20,800	430	<b>21,011</b>

Sumber: Pasaran Timah Kuala Lumpur (PTKL)  
Source : Kuala Lumpur Tin Market (KLTM)

Jadual  
Table  
**11**

**Perlombongan Timah : Tenaga kerja\* bulanan mengikut kaedah melombong  
Tin Mining : Monthly workforce\* by mining method**

Bulan Month	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombong Dedah Open Cast	Bawah Tanah Underground	Jumlah Kecil Sub-total	Kilang Pembilasan Amang Amang Retreatment Plant	Jumlah Total
<b>2016**</b>	-	-	<b>1,130</b>	-	<b>1,130</b>	<b>275</b>	<b>1,405</b>
Januari	-	-	1,204	-	1,204	393	1,597
Februari	-	-	1,176	-	1,176	393	1,569
Mac	-	-	1,176	-	1,176	393	1,569
April	-	-	1,212	-	1,212	329	1,541
Mei	-	-	1,155	-	1,155	307	1,462
Jun	-	-	1,178	-	1,178	282	1,460
Julai	-	-	1,186	-	1,186	283	1,469
Ogos	-	-	1,228	-	1,228	282	1,510
September	-	-	1,200	-	1,200	279	1,479
Oktober	-	-	1,132	-	1,132	278	1,410
November	-	-	1,133	-	1,133	278	1,411
Disember	-	-	1,130	-	1,130	275	1,405

Nota : \* Tidak termasuk pendulang  
Note : \* Excluding dulang washers

\*\* Kedudukan pada akhir tahun  
\*\* As at the end of the year

Jadual  
Table  
**12**

**Perlombongan timah : Tenaga kerja\* mengikut negeri dan kaedah melombongan**  
**Tin mining : Workforce\* by state and mining method**

Negeri State	Kapal Korek Dredging	Pam Kelikir Gravel Pump	Lombongan Dedah Open Cast	Bawah Tanah Underground	Jumlah Kecil Sub-total	Kilang Pembilasan Amang Amang Retreatment Plant	Jumlah Total
<b>2016</b>	-	-	<b>1,130</b>	-	<b>1,130</b>	<b>275</b>	<b>1,405</b>
Perlis	-	-	-	-	-	-	-
Kedah	-	-	20	-	20	-	20
Perak	-	-	816	-	816	230	1,046
Selangor	-	-	-	-	-	45	45
W.P. Kuala Lumpur	-	-	-	-	-	-	-
Negeri Sembilan	-	-	-	-	-	-	-
Melaka	-	-	-	-	-	-	-
Johor	-	-	141	-	141	-	141
Pahang	-	-	153	-	153	-	153
Terengganu	-	-	-	-	-	-	-
Kelantan	-	-	-	-	-	-	-

Nota : \* Tidak termasuk pendulang  
Note : \* Excluding dulang washers



Jadual  
Table **13**

**Perlombongan Timah : Tenaga kerja\* bulanan mengikut negeri**  
**Tin Mining : Monthly workforce\* by state**

Bulan Month	Kedah	Perak	Johor	Pahang	Terengganu	Kelantan	Jumlah Total
<b>2016**</b>	<b>20</b>	<b>816</b>	<b>141</b>	<b>153</b>	<b>-</b>	<b>-</b>	<b>1,130</b>
Januari	13	919	164	98	-	10	1,204
Februari	33	919	116	98	-	10	1,176
Mac	33	919	116	98	-	10	1,176
April	31	919	164	98	-	-	1,212
Mei	25	910	109	98	13	-	1,155
Jun	28	910	128	98	14	-	1,178
Julai	23	910	141	98	14	-	1,186
Ogos	23	911	109	185	-	-	1,228
September	17	857	141	185	-	-	1,200
Oktober	16	823	141	152	-	-	1,132
November	20	819	141	153	-	-	1,133
Disember	20	816	141	153	-	-	1,130

Nota : \* Tidak termasuk pendulang dan kilang pembilasan amang

Note : \* Excluding dulang washers and amang retreatment plant

\*\* Kedudukan pada akhir tahun

\*\* As at the end of the year

Jadual  
Table **14**

**Perlombongan Bauksit : Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan Bauxite Mining : Number of mines, production and number of workers by month**

Bulan Month	Johor			Pahang			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>3*</b>	<b>342,924**</b>	<b>23***</b>	-	-	-	<b>3*</b>	<b>342,924**</b>	<b>23***</b>
Januari	2	53,970	25	-	-	-	2	53,970	25
Februari	2	26,370	25	-	-	-	2	26,370	25
Mac	2	38,181	25	-	-	-	2	38,181	25
April	2	20,185	25	-	-	-	2	20,185	25
Mei	2	71,341	23	-	-	-	2	71,341	23
Jun	2	24,874	23	-	-	-	2	24,874	23
Julai	2	14,295	23	-	-	-	2	14,295	23
Ogos	1	9,402	20	-	-	-	1	9,402	20
September	2	24,842	23	-	-	-	2	24,842	23
Oktober	2	17,275	22	-	-	-	2	17,275	22
November	3	29,514	32	-	-	-	3	29,514	32
Disember	2	12,675	23	-	-	-	2	12,675	23

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Jadual  
Table **15a**

**Perlombongan Besi : Bilangan lombong, pengeluaran, dan bilangan pekerja mengikut bulan**  
**Iron Mining : Number of mines, production and number of workers by month**

Bulan Month	Pahang			Johor			Perak			Kelantan		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>23*</b>	<b>1,394,084**</b>	<b>418***</b>	<b>6*</b>	<b>195,895**</b>	<b>101***</b>	-	-	-	<b>2*</b>	<b>83,180**</b>	<b>89***</b>
Januari	23	50,950	1,349	5	10,260	284	-	-	-	1	5,290	48
Februari	18	81,655	1,349	6	10,378	188	-	-	-	1	4,950	48
Mac	18	58,587	1,349	6	140	188	-	-	-	1	5,600	48
April	18	55,600	1,349	6	10,170	240	-	-	-	1	5,220	48
Mei	18	54,500	1,349	5	3,140	102	-	-	-	1	5,600	48
Jun	18	52,400	1,349	5	18,140	184	-	-	-	1	3,900	48
Julai	19	170,415	1,323	5	20,940	96	-	-	-	1	5,990	89
Ogos	19	131,887	634	4	18,140	195	-	-	-	1	5,990	89
September	19	142,185	634	6	22,927	200	-	-	-	2	5,000	89
Oktober	21	159,645	418	6	25,180	103	-	-	-	2	24,680	89
November	21	203,725	418	5	32,140	216	-	-	-	2	5,570	89
Disember	21	232,535	418	5	23,840	101	-	-	-	2	5,390	89

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Sambungan mukasurat seterusnya  
Continue next page

Jadual  
Table **15b**

**Perlombongan Besi : Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan**  
**Iron Mining : Number of mines, production and number of workers by month**

Bulan Month	Kedah			Negeri Sembilan			Melaka			Terengganu			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>5*</b>	<b>43,600**</b>	<b>100***</b>	<b>1*</b>	<b>4,125**</b>	<b>-</b>	<b>4*</b>	<b>193,608**</b>	<b>68***</b>	<b>41*</b>	<b>1,914,492**</b>	<b>776***</b>			
Januari	5	1,200	27	1	4,125	5	2	1,500	156	37	73,325	1,869			
Februari	5	-	27	-	-	-	2	35,748	121	32	133,231	1,733			
Mac	5	1,500	44	-	-	-	1	3,000	134	31	68,827	1,763			
April	5	3,000	68	1	-	-	1	26,500	112	32	100,490	1,817			
Mei	1	3,000	57	-	-	-	4	36,927	96	29	103,167	1,652			
Jun	2	5,500	57	-	-	-	2	18,000	96	28	97,940	1,734			
Julai	2	6,500	57	-	-	-	3	-	85	30	203,845	1,650			
Ogos	2	3,500	60	-	-	-	3	29,000	91	29	188,517	1,069			
September	3	7,700	55	-	-	-	4	9,200	95	34	187,012	1,073			
Oktober	3	5,200	51	-	-	-	4	18,733	75	36	233,438	736			
November	3	1,500	51	-	-	-	4	8,500	75	35	251,435	849			
Disember	4	5,000	100	-	-	-	3	6,500	68	35	273,265	776			

Note : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Jadual  
Table **16**

**Perlombongan Kaolin: Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan  
Kaolin Mining: Number of mines, production and number of workers by month**

Bulan Month	Perak			Pahang			Johor			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>15*</b>	<b>202,590**</b>	<b>286***</b>	<b>2*</b>	<b>65,000**</b>	<b>8***</b>	<b>2*</b>	<b>18,350**</b>	<b>11***</b>	<b>19*</b>	<b>285,940**</b>	<b>305***</b>
Januari	15	16,448	290	2	4,000	11	2	7,289	5	19	27,737	306
Februari	15	16,407	290	2	2,000	11	2	916	13	19	19,323	314
Mac	15	17,840	290	2	6,000	11	2	1,081	13	19	24,920	314
April	15	17,734	290	1	7,000	8	2	762	8	18	25,496	306
Mei	15	13,181	288	1	7,000	8	1	645	8	17	20,826	304
Jun	15	15,168	288	1	5,000	8	1	1,980	5	17	22,147	301
Julai	15	15,168	288	1	-	8	1	461	3	17	15,629	299
Ogos	15	16,998	288	2	6,000	11	1	2,085	8	18	25,083	307
September	15	16,388	288	1	-	8	-	-	-	16	16,388	296
Oktober	15	16,028	288	1	15,000	8	1	-	8	17	31,028	304
November	15	17,277	286	1	8,000	8	2	2,098	11	18	27,376	305
Disember	15	23,954	286	1	5,000	8	2	1,033	11	18	29,986	305

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.  
Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\*\* Total yearly production

\*\*\*\* Bilangan pekerja pada hujung tahun

\*\*\*\*\* No. of workers as at the end of the year

Jadual  
Table **17**

**Perlombongan Emas: Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan**  
**Gold Mining: Number of mines, production and number of workers by month**

Bulan Month	Pahang			Terengganu			Kelantan			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (gram) Production (gramme)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (gram) Production (gramme)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (gram) Production (gramme)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (gram) Production (gramme)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>5*</b>	<b>1,220,648**</b>	<b>1,004***</b>	<b>2*</b>	<b>21,682**</b>	<b>62***</b>	<b>5*</b>	<b>1,006,661**</b>	<b>291***</b>	<b>12*</b>	<b>2,248,990**</b>	<b>1,357***</b>
Januari	5	101,408	1,420	1	1,188	42	5	107,573	334	11	210,169	1,796
Februari	5	124,493	1,420	1	-	42	5	76,540	336	11	201,033	1,798
Mac	5	145,673	1,420	2	2,851	56	5	89,252	333	12	237,775	1,809
April	5	96,731	1,420	2	1,296	58	5	99,794	350	12	197,822	1,828
Mei	5	90,201	1,420	2	4,756	58	4	131,573	321	11	226,529	1,799
Jun	5	90,254	1,420	2	3,085	49	4	122,986	320	11	216,325	1,789
Julai	5	89,005	1,032	1	581	49	4	50,499	325	10	140,085	1,406
Ogos	5	85,221	1,000	1	730	52	4	66,787	319	10	152,737	1,371
September	5	125,403	1,000	1	585	60	4	112,293	311	10	238,281	1,371
Oktober	4	75,214	1,004	1	345	54	4	60,026	295	9	135,585	1,353
November	4	76,790	1,004	1	4,239	59	4	40,607	293	9	121,636	1,356
Disember	4	120,255	1,004	1	2,027	62	3	48,730	291	8	171,011	1,357

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Jadual  
Table **18**

**Harga Emas**  
**Gold Prices**

<b>Bulan</b> <i>Month</i>	<b>London PM Fix</b>		
	<b>Tertinggi</b> <i>Highest</i> (USD/troy oz)	<b>Terendah</b> <i>Lowest</i> (USD/troy oz)	<b>Purata</b> <i>Average</i> (USD/troy oz)
<b>2016</b>	<b>1,366.25</b>	<b>1,077.00</b>	<b>1,248.34</b>
Januari	1,116.25	1,077.00	<b>1,097.37</b>
Februari	1,250.75	1,126.50	<b>1,199.91</b>
Mac	1,277.50	1,217.60	<b>1,246.34</b>
April	1,285.65	1,213.60	<b>1,242.26</b>
Mei	1,294.00	1,212.10	<b>1,259.40</b>
Jun	1,324.55	1,212.40	<b>1,276.40</b>
Julai	1,366.25	1,313.15	<b>1,337.33</b>
Ogos	1,363.75	1,309.25	<b>1,341.09</b>
September	1,348.35	1,308.35	<b>1,326.03</b>
Oktober	1,313.30	1,251.75	<b>1,266.59</b>
November	1,303.75	1,178.10	<b>1,235.98</b>
Disember	1,177.65	1,125.70	<b>1,151.40</b>

Sumber / Source: KITCO

Jadual  
Table  
**19**

**Perlombongan Pasir Silika: Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan  
Silica Sand Mining: Number of mines, production, and number of workers by month**

Bulan Month	Sarawak			Terengganu			Kedah			Johor			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>3*</b>	<b>120,149**</b>	<b>37***</b>	<b>1*</b>	<b>82,153**</b>	<b>71***</b>	<b>1*</b>	<b>-</b>	<b>6***</b>	<b>3*</b>	<b>145,602**</b>	<b>41***</b>	<b>8*</b>	<b>347,904**</b>	<b>155***</b>
Januari	3	3,823	63	-	-	-	-	-	-	2	-	32	5	3,823	95
Februari	3	5,256	63	-	-	-	-	-	-	2	-	32	5	5,256	95
Mac	3	21,765	63	1	-	42	-	-	-	3	4,000	32	7	25,765	137
April	3	22,569	63	1	-	42	-	-	-	3	13,250	8	7	35,819	113
Mei	2	9,064	37	1	8,200	60	-	-	-	2	18,795	42	5	36,059	139
Jun	2	10,442	63	1	5,320	60	1	-	5	3	23,790	42	7	39,552	170
Julai	1	13,987	63	1	6,299	60	1	-	5	3	16,640	42	6	36,926	170
Ogos	1	16,159	37	1	16,316	71	1	-	5	3	18,920	32	6	49,395	145
September	1	8,557	37	1	13,757	71	1	-	5	3	21,930	41	6	44,244	154
Oktober	1	8,527	37	1	18,501	71	1	-	4	3	14,277	9	6	41,305	121
November	1	-	37	1	10,047	71	1	-	4	3	8,000	41	6	18,047	153
Disember	1	-	37	1	3,713	71	1	-	6	3	8,000	41	6	11,713	155

Nota: \* Bilangan lombong tertinggi, bulanan dalam tahun.

Note: \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year



Jadual  
Table  
**20**

**Perlombongan Arang Batu : Bilangan lombong, pengeluaran, kaedah melombong dan bilangan pekerja mengikut bulan**  
**Coal Mining : Number of mines, production, mining methods and number of workers by month**

Bulan Month	Dedah / Open Cast			Bawah Tanah / Underground			Jumlah / Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>6*</b>	<b>2,399,110**</b>	<b>712***</b>	<b>2*</b>	<b>15,655**</b>	<b>42***</b>	<b>8*</b>	<b>2,414,765**</b>	<b>754***</b>
Januari	6	155,976	737	2	3,001	92	8	158,977	829
Februari	6	124,458	570	1	2,500	95	7	126,958	665
Mac	4	230,410	570	2	2,654	91	6	233,065	661
April	4	228,367	753	2	3,640	90	6	232,007	843
Mei	4	179,615	712	2	3,860	90	6	183,475	802
Jun	4	201,139	570	1	-	78	5	201,139	648
Julai	5	196,979	712	1	-	82	6	196,979	794
Ogos	4	204,036	570	-	-	-	4	204,036	570
September	4	215,215	570	-	-	-	4	215,215	570
Oktober	4	207,802	570	1	-	37	5	207,802	607
November	4	228,603	570	1	-	37	5	228,603	607
Disember	4	226,508	712	1	-	42	5	226,508	754

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.  
Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan  
\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun  
\*\*\* No. of workers as the end of the year

\*\*\* Bilangan pekerja pada hujung tahun  
\*\*\* No. of workers as the end of the year

Jadual  
Table **21**

**Perlombongan Mika (Serisit) : Bilangan lombong, pengeluaran  
dan bilangan pekerja mengikut bulan**  
**Mica (Sericite) Mining : Number of mines, production and  
number of workers by month**

<b>Bulan</b> <i>Month</i>	<b>Bilangan Lombong</b> <i>Number of Mines</i>	<b>Pengeluaran (tan)</b> <i>Production (tonne)</i>	<b>Bilangan Pekerja</b> <i>Number of Workers</i>
<b>2016</b>	<b>2*</b>	<b>4,716**</b>	<b>20***</b>
Januari	2	376	13
Februari	2	304	13
Mac	2	462	13
April	2	463	13
Mei	2	371	13
Jun	2	440	13
Julai	2	440	13
Ogos	2	394	13
September	2	372	13
Oktober	2	500	13
November	2	294	13
Disember	2	300	20

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* *The highest monthly number of mines in the year.*

\*\* Jumlah pengeluaran tahunan

\*\* *Total yearly production*

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* *No. of workers as at the end of the year*

Jadual **22**  
Table

**Perlombongan Batu Kapur : Bilangan lombong, pengeluaran  
dan bilangan pekerja mengikut bulan**  
**Limestone Mining : Number of mine, production and number  
of workers by month**

<b>Bulan</b> <i>Month</i>	<b>Bilangan Lombong</b> <i>Number of Mines</i>	<b>Pengeluaran (tan)</b> <i>Production (tonne)</i>	<b>Bilangan Pekerja</b> <i>Number of Workers</i>
<b>2016</b>	<b>1*</b>	<b>13,993**</b>	<b>4***</b>
Januari	1	1,050	4
Februari	1	1,099	4
Mac	1	1,113	4
April	1	1,134	4
Mei	1	1,141	4
Jun	1	1,141	4
Julai	1	1,162	4
Ogos	1	1,253	4
September	1	1,267	4
Oktober	1	1,309	4
November	1	1,162	4
Disember	1	1,162	4

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* *The highest monthly number of mines in the year.*

\*\* Jumlah pengeluaran tahunan

\*\* *Total yearly production*

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Jadual  
Table **23**

**Perlombongan Mangan: Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan**  
**Manganese Mining: Number of mines, production and number of workers by month**

Bulan Month	Pahang			Kelantan			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>2*</b>	<b>222,079**</b>	<b>18***</b>	<b>8*</b>	<b>478,638**</b>	<b>129***</b>	<b>10*</b>	<b>700,717**</b>	<b>147***</b>
Januari	2	1,800	108	8	6,350	133	10	8,150	241
Februari	2	3,700	32	8	6,200	133	10	9,900	165
Mac	2	42,480	32	8	25,300	135	10	67,780	167
April	2	1,500	32	8	19,050	143	10	20,550	175
Mei	2	35,200	32	8	60,050	150	10	95,250	182
Jun	2	30,000	32	8	40,850	150	10	70,850	182
Julai	2	700	32	8	13,500	137	10	14,200	169
Ogos	2	46,488	32	8	21,000	137	10	67,488	169
September	2	24,211	32	8	29,050	137	10	53,261	169
Oktober	1	7,000	18	8	80,348	139	9	87,348	157
November	1	17,000	18	8	129,488	132	9	146,488	150
Disember	1	12,000	18	8	47,452	129	9	59,452	147

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

# Jadual Table 24

## Perlombongan Feldspar : Bilangan lombong, pengeluaran dan bilangan pekerja mengikut bulan Feldspar Mining : Number of mines, production and number of workers by month

Bulan Month	Kelantan			Negeri Sembilan			Jumlah Total		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	<b>3*</b>	<b>328,107**</b>	<b>66***</b>	<b>2*</b>	<b>29,550**</b>	<b>17***</b>	<b>5*</b>	<b>357,657**</b>	<b>83***</b>
Januari	3	12,466	67	2	2,500	17	5	14,966	84
Februari	3	25,597	67	2	2,900	17	5	28,497	84
Mac	3	34,194	67	2	3,000	17	5	37,194	84
April	3	31,009	67	2	2,300	17	5	33,309	84
Mei	3	37,601	67	2	2,800	17	5	40,401	84
Jun	3	28,230	67	2	2,300	17	5	30,530	84
Julai	3	18,517	67	2	1,000	17	5	19,517	84
Ogos	3	30,777	67	2	3,200	17	5	33,977	84
September	3	30,547	67	2	1,000	17	5	31,547	84
Oktober	3	30,384	67	2	3,700	17	5	34,084	84
November	3	24,742	67	2	1,200	17	5	25,942	84
Disember	3	24,045	66	2	3,650	17	5	27,695	83

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

\*\* Total yearly production

\*\*\* Bilangan pekerja pada hujung tahun

\*\*\* No. of workers as at the end of the year

Jadual  
Table **25**

**Perlombongan Barit : Bilangan lombong, pengeluaran dan  
bilangan pekerja mengikut bulan**  
**Barytes Mining : Number of mines, production and  
number of workers by month**

Bulan Month	Kelantan		
	Bilangan Lombong Number of Mines	Pengeluaran (tan) Production (tonne)	Bilangan Pekerja Number of Workers
<b>2016</b>	-	-	-
Januari	-	-	-
Februari	-	-	-
Mac	-	-	-
April	-	-	-
Mei	-	-	-
Jun	-	-	-
Julai	-	-	-
Ogos	-	-	-
September	-	-	-
Oktober	-	-	-
November	-	-	-
Disember	-	-	-

Nota : \* Bilangan lombong tertinggi bulanan dalam tahun.

Note : \* The highest monthly number of mines in the year.

\*\* Jumlah pengeluaran tahunan

Jadual  
Table **26**

**Pengeluaran mineral-mineral sampingan mengikut bulan (tan)**  
**Production of by-product minerals by month (tonne)**

Bulan Period	Perak (gram)* Silver (gramme)	Ilmenit* Ilmenite	Struverit* Struverite	Xenotim* Xenotime	Monazit* Monazite	Zirkon* Zircon	Pasir Silika* Silica Sand	Rutil* Rutile	Pasir Hampas* Tailing Sand
<b>2016</b>	<b>1,075,325</b>	<b>4,316</b>	<b>77</b>	<b>4</b>	<b>1,876</b>	<b>653</b>	<b>1,034</b>	<b>3,810</b>	<b>604,105</b>
Januari	68,639	331	3	-	22	143	175	25	40,252
Februari	22,979	186	2	-	38	44	175	25	40,136
Mac	179,259	163	1	1	84	52	171	280	12,565
April	15,492	155	4	-	45	36	171	280	12,981
Mei	108,588	239	6	3	90	30	171	280	30,152
Jun	115,984	250	8	-	13	47	171	317	30,466
Julai	10,322	134	1	-	3	76	-	305	30,447
Ogos	15,763	136	2	-	2	73	-	315	77,846
September	231,029	143	4	-	46	45	-	366	77,477
Oktober	218,876	931	15	-	750	37	-	562	100,947
November	8,336	937	15	-	747	20	-	506	62,479
Disember	80,060	711	16	-	37	50	-	550	88,357

Nota : \*Pengeluaran dari kilang pembilasan amang

Note : Production from amang retreatment plant

\* Perak sebagai hasil sampingan daripada perlombongan emas di Pahang dan Kelantan (dalam gram)  
Silver as a by-product from gold mining in Pahang and Kelantan (in gramme)

Jadual  
Table **27**

**Pekerjaan dalam perlombongan mengikut pengelasan jawatan**  
**Employment in mining by job classification**

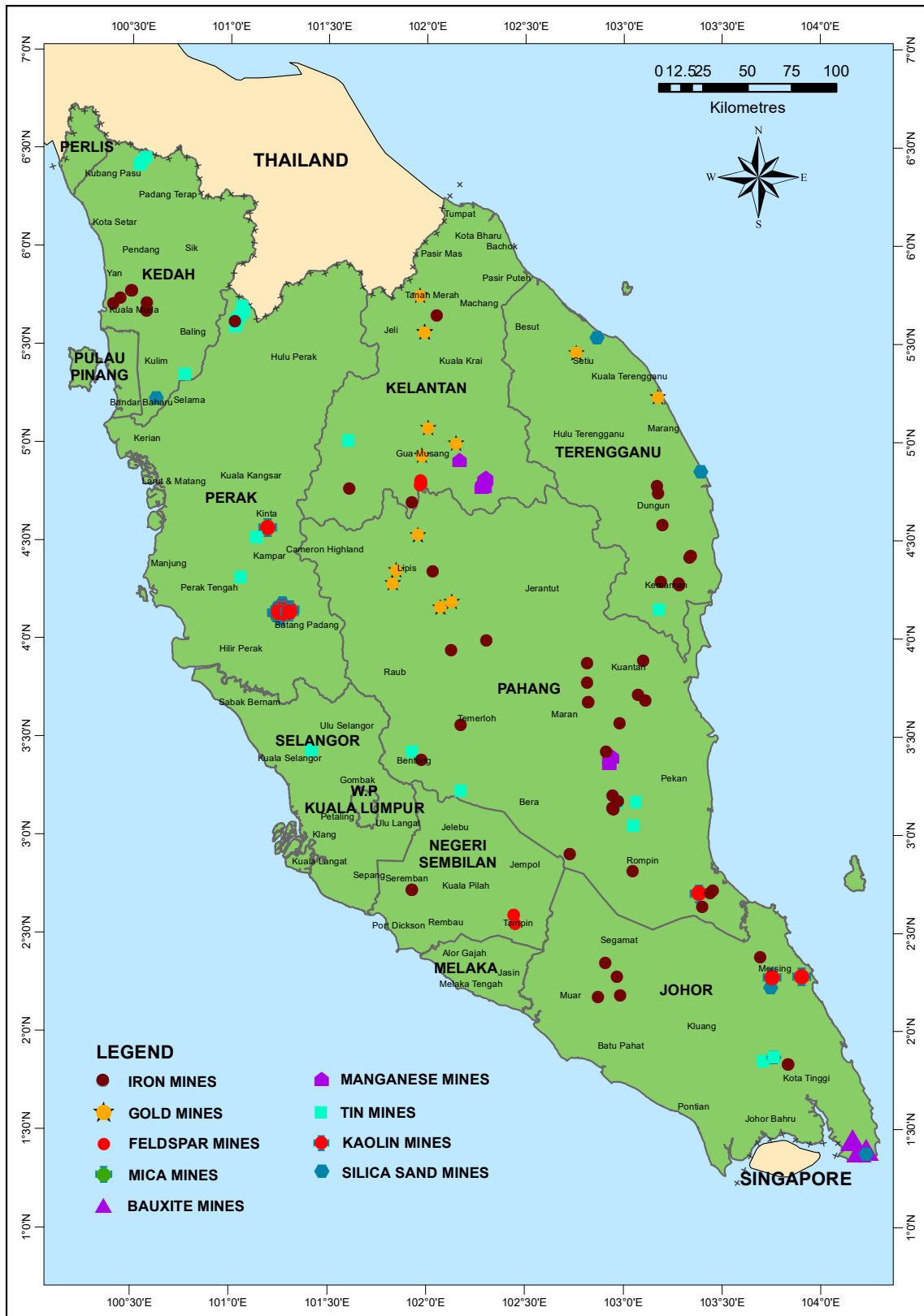
Pengelasan Jawatan Job Classifications	Perlombongan / Mining													Jumlah Total
	Timah Tin	Bauksit Bauxite	Besi Iron	Kaolin Kaolin	Emas Gold	Pasir Silika Silice Sand	Arang batu Coal	Mika (Serisit) Mica (Sericite)	Feldspar Feldspar	Mangan Manganese	Barit Barites	Batu Kapur Limestone		
<b>2016</b>	<b>1,405</b>	<b>23</b>	<b>776</b>	<b>305</b>	<b>1,357</b>	<b>155</b>	<b>754</b>	<b>20</b>	<b>83</b>	<b>147</b>	<b>-</b>	<b>4</b>	<b>5,029</b>	
<b>Pengurusan Managerial</b>	95	6	61	30	57	24	21	2	9	9	-	1	315	
<b>Profesional Professional</b>	23	1	41	3	35	7	9	-	1	3	-	-	123	
<b>Teknikal Technical</b>	170	2	162	25	243	34	72	1	37	40	-	1	787	
<b>Perkeranian Clerical</b>	59	2	51	18	72	8	36	6	6	13	-	-	271	
<b>Separuh Mahir dan Tidak Mahir Semi-skilled and Unskilled</b>	1,058	12	461	229	850	82	616	11	30	82	-	2	3,533	





**Lokasi Lombong dan Direktori**  
**Location of Mines and Directory**

**LOKASI LOMBONG SEMENANJUNG MALAYSIA, 2016**  
Location of Mines in Peninsular Malaysia, 2016



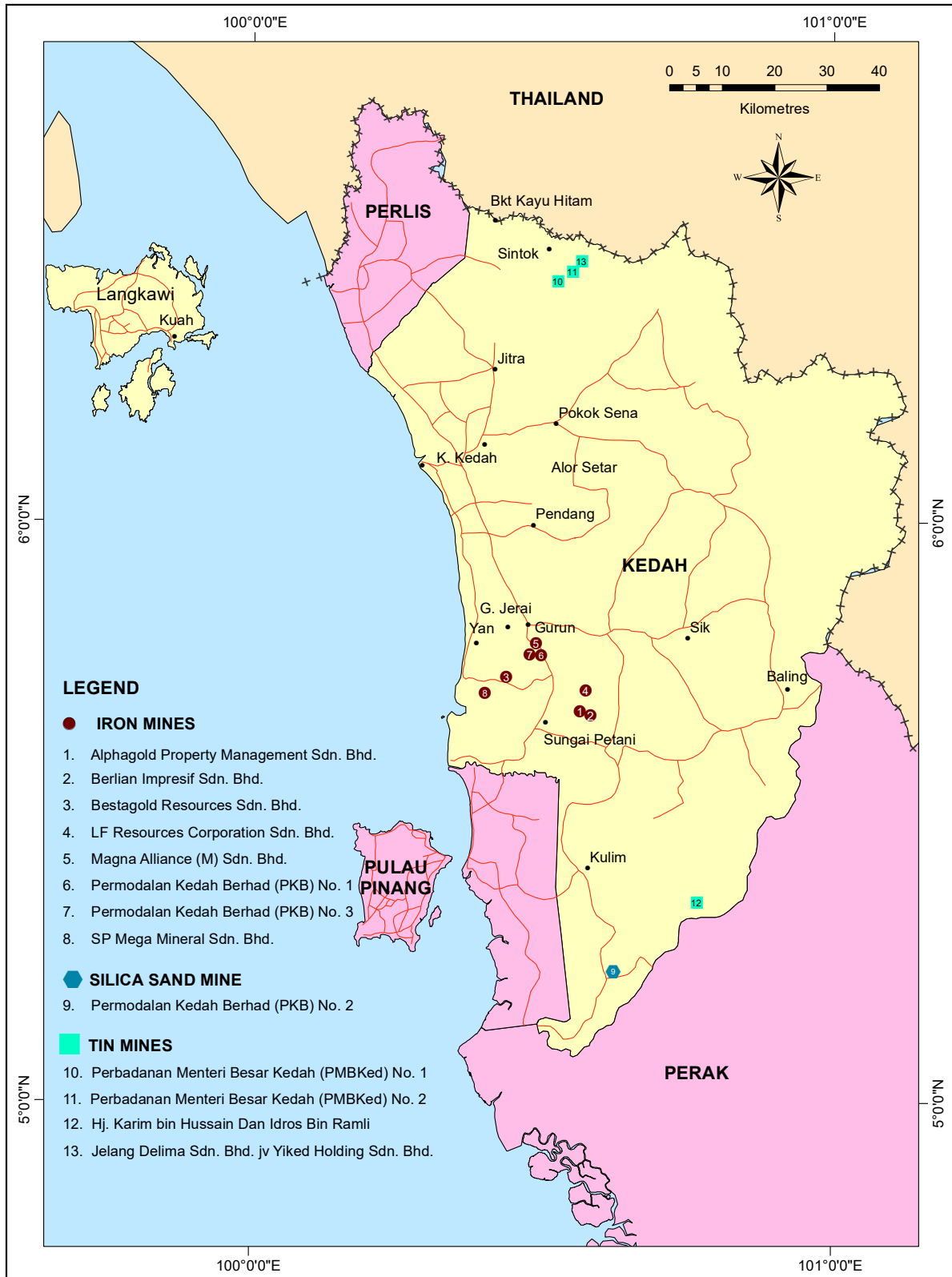
# **KEDAH**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**



**LOKASI LOMBONG NEGERI KEDAH, 2016**  
 Location of Mines in Kedah, 2016



## DIRECTORY OF KEDAH

### IRON MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Permodalan Kedah Berhad (PKB) No. 1	Tingkat 8, Wisma PKNK, Jalan Sultan Badlishah, 5000 Alor Setar	04-7301992 04-7301993	Open Cast	Gurun, Kuala Muda
2.	Magna Alliance (M) S/B	No.10, Jalan Angsana 1/3, Taman Perindustrian Angsana, 08000 Sungai Petani	04-4470661	Open Cast	Gurun, Kuala Muda
3.	Berlian Impresif S/B	No.78E, Ground Floor, Komplek Perniagaan Sultan Abdul Hamid, 05050 Alor Setar	04-7723838	Open Cast	Sungai Petani, Kuala Muda
4.	Alphagold Property Management S/B	Lot. 748 & 49, Jalan Pondok Labu, Bandar Putra Kulim, 09000 Kulim	04-4950541	Open Cast	Sungai Petani, Kuala Muda
5.	Bestagold Resources S/B	No. 9, Tingkat 1, Jalan Melati Satu, Bandar Amanjaya, 08000 Sungai Petani, Kedah	04-4412670	Open Cast	Merbok, Kuala Muda
6.	LF Resources Corporation S/B	No. 23A, Jalan Seroja 4/1, Taman Aman Suria, Bandara Amanjaya, 08000 Sungai Petani, Kedah	04-4419623	Open Cast	Sungai Petani, Kuala Muda
7.	Permodalan Kedah Berhad (PKB) No. 3	Tingkat 8, Wisma PKNK, Jalan Sultan Badlishah 05000 Alor Setar, Kedah	04-7301992 04-7301993	Open Cast	Mahang, Kulim
8.	SP Mega Mineral S/B	No. 25, Plot 14, Lorong Perusahaan Sg. Lokan 2/1, Kampung Telok, Sg. Dua, 13800 Butterworth, Pulau Pinang	04-3562336 04-3562337	Open Cast	Merbok, Kuala Muda

### TIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Jelang Delima S/B JV. Yiked Holding S/B	No. 178, Jalan 9, Taman Kempas, Pekan Changloon 2, 06010 Changloon, Kedah	016-2171899 019-4762042	Open Cast	Temin, Kubang Pasu
2.	Perbadanan Menteri Besar Kedah (PMBKed) No. 1	Aras 2, Blok A, Wisma Darul Aman, 05503 Alor Setar	04-730 2137 04-731 0122	Open Cast	Temin, Kubang Pasu
3.	Perbadanan Menteri Besar Kedah (PMBKed) No. 2	Aras 2, Blok A, Wisma Darul Aman, 05503 Alor Setar	04-730 2137 04-731 0122	Open Cast	Temin, Kubang Pasu
4.	Haji Karim Bin Hussain dan Idros Bin Ramli	No. 211, Jalan Temenggong Rose Garden, Pasir Puteh, 31650 Ipoh, Perak	012-5171188	Open Cast	Mahang, Kulim

**SILICA SAND MINE**

No.	Mine	Address	Contact No.	Method	Location
1.	Permodalan Kedah Berhad (PKB) No. 2	Tingkat 8, Wisma PKNK, Jalan Sultan Badlishah 05000 Alor Setar, Kedah	04-7301992 04-7301993	Open Cast	Bandar Baru, Serdang

**MINERAL TENEMENT HOLDERS (ML)**

No.	Mining Lease Holder	Lease Number	Location	Mineral	Area (Hectares)	Expiry Date
1.	Bestagold Resources S/B	ML 2/2012	Merbok, Kuala Muda	Iron Ore	56.28	23/02/2021
2.	Permodalan Kedah Berhad (PKB) No. 2	ML 1/2014	Serdang, Bandar Baru	Silica sand	36.15	21/05/2017
3.	Haji Karim bin Hussain dan Idros bin Ramli	ML 1/2015	Mahang, Kulim	Tin Ore	3.619	01/02/2017
4.	Jelang Delima S/B JV. Yiked Holding S/B	ML 1/2012	Temin, Kubang Pasu	Tin Ore	101.17	06/05/2017

**MINERAL TENEMENT HOLDERS (PML)**

No.	Lease Holder	Lease Number	Location	Mineral	Area (Hectares)	Expiry Date
1.	Permodalan Kedah Berhad (PKB) No. 3	PML 2/2015	Gurun, Kuala Muda	Iron Ore	43.41	09/04/2021
2.	Magna Alliance (M) S/B	PML 5/2014	Gurun, Kuala Muda	Iron Ore	18.2	12/07/2019
3.	LF Resources Corporation S/B	PML 4/2014	Sungai Petani, Kuala Muda	Iron Ore	5.87	12/07/2017
4.	SP Mega Mineral S/B	PML 14/2012	Merbok, Kuala Muda	Iron Ore	1.038	07/09/2019
5.	Berlian Impresive S/B	PML 6/2013	Sg. Petani, Kuala Muda	Iron Ore	114	19/10/2018
6.	Permodalan Kedah Berhad (PKB) No.1	PML 3/2013	Gurun, Kuala Muda	Iron Ore	25.96	08/04/2018
7.	Alphagold Property Management S/B	PML 1/2014	Sungai Petani, Kuala Muda	Iron Ore	130	10/03/2018
8.	Perbadanan Menteri Besar Kedah (PMBKed) No.2	PML 5/2013	Temin, Kubang Pasu	Tin Ore, Quartz, Tungsten ore	199.9	15/04/2018
9.	Perbadanan Menteri Besar Kedah (PMBKed) No.1	PML 2/2012	Temin, Kubang Pasu	Tin Ore, Quartz, Tungsten ore	195.16	17/07/2017

### MINERAL ORE LICENCES\*

No.	Licence Holder	Address	Location	Mineral Ores
1.	Kazakh Tantalum S/B	No. 168, Lorong Bunga Raya 3/1A, Taman Cemara, 08000 Sungai Petani	Baling	Amang
2.	Hatta Trading (M) S/B	No. 25, Simpang Tiga, 06680 Sg. Limau	Kuala Muda	Iron Ore
3.	Trio Kesuma S/B	No. 2B, Persiaran Emas Indah 1, Taman Emas Indah, 33000 Kuala Kangsar	Kuala Muda	Iron Ore
4.	LF Resources Corporation S/B	No.23A, Jalan Seroja 4/1, Taman Aman Suria, Bandar Aman Jaya, 08000 Sungai Petani	Kuala Muda	Iron Ore
5.	Kow Mee Ling	No. 66, Jalan Raya, 09000 Kulim	Kulim	Tin Ore
6.	SP Mega Mineral S/B	No 25, Plot 14, Lorong Perusahaan Sg. Lokan 2/1, Kampung Telok, Sungai Dua, 13800 Butterworth, Pulau Pinang	Kulim	Iron Ore
7.	Lafarge Cement S/B (Langkawi)	Langkawi Works, Teluk Ewa, Mukim Ayer Hangat, 07000 Langkawi	Langkawi	Iron Ore, Gypsum, Coal

\*Nota : Pemegang Lesen Bijih Mineral hanya dikeluarkan Surat Ulasan Teknikal Bijih Mineral, sementara menunggu Peraturan-Peraturan Pembangunan Mineral (Pelesenan) 2016 dikuat kuasakan.



# **PULAU PINANG**

**Direktori**  
**Directory**



## DIRECTORY OF PULAU PINANG

### MINERAL ORE LICENCES\*

No.	Licence Holder	Address	Location	Mineral Ores
1.	Hasil Impresif S/B	J-6-5, Taman Bukit Jambul, 11900 Bayan Baru	Bayan Baru	Tin Slag
2.	Kuala Ketil Metal S/B	Lot.113, Kampung Tanjong Puteri, 09300 Kuala Ketil	Baling	Tin Slag Wolframite Ilmenite Struverite Columbite Monazite Xenotime
3.	Malaysian Smelting Corporation (MSC) S/B	No.27, Jalan Pantai, 12000 Butterworth	Butterworth	Tin Slag
4.	Lee Kow Chai@ Lee Kuan Ping	Lee Trading Company No.32, 1 <sup>st</sup> Floor, Lorong Baiduri 1, Taman Kencana, 13400 Butterworth	Seberang Prai Utara	Tin Slag
5.	Konsortium Ikhtilas S/B	No.1320, Jalan Baru, Taman Chai Leng, 13700 Penang	Seberang Prai Tengah	Tin Slag
6.	SNB Trading S/B	No.230-A, Burma Road, 10350 Penang	Prai Cargo Terminal	Iron Ore
7.	Northern Bio-Six S/B	No.34, Top Floor, Jalan Selat, Taman Selat, 12000 Butterworth	Prai Industrial Estate	Ilmenite Rutile Zircon Monazite
8.	Ann Joo Integrated Steel S/B	Lot. 2610, Tingkat Perusahaan 3, Kawasan Perusahaan Prai, 13600 Prai	Prai Industrial Estate	Iron Ore
9.	Nature Everlasting S/B	No.C-4-9, Sunway Business Park, Jalan Todak 4, 13700 Seberang Jaya	Seberang Jaya	Tin Slag
10.	Effective Choice S/B	No.1965, Jalan Berapit, 14000 Bukit Mertajam	Bukit Mertajam	Iron Ore

\*Nota : Pemegang Lesen Bijih Mineral hanya dikeluarkan Surat Ulasan Teknikal Bijih Mineral, sementara menunggu Peraturan-Peraturan Pembangunan Mineral (Pelesenan) 2016 dikuat kuasakan.

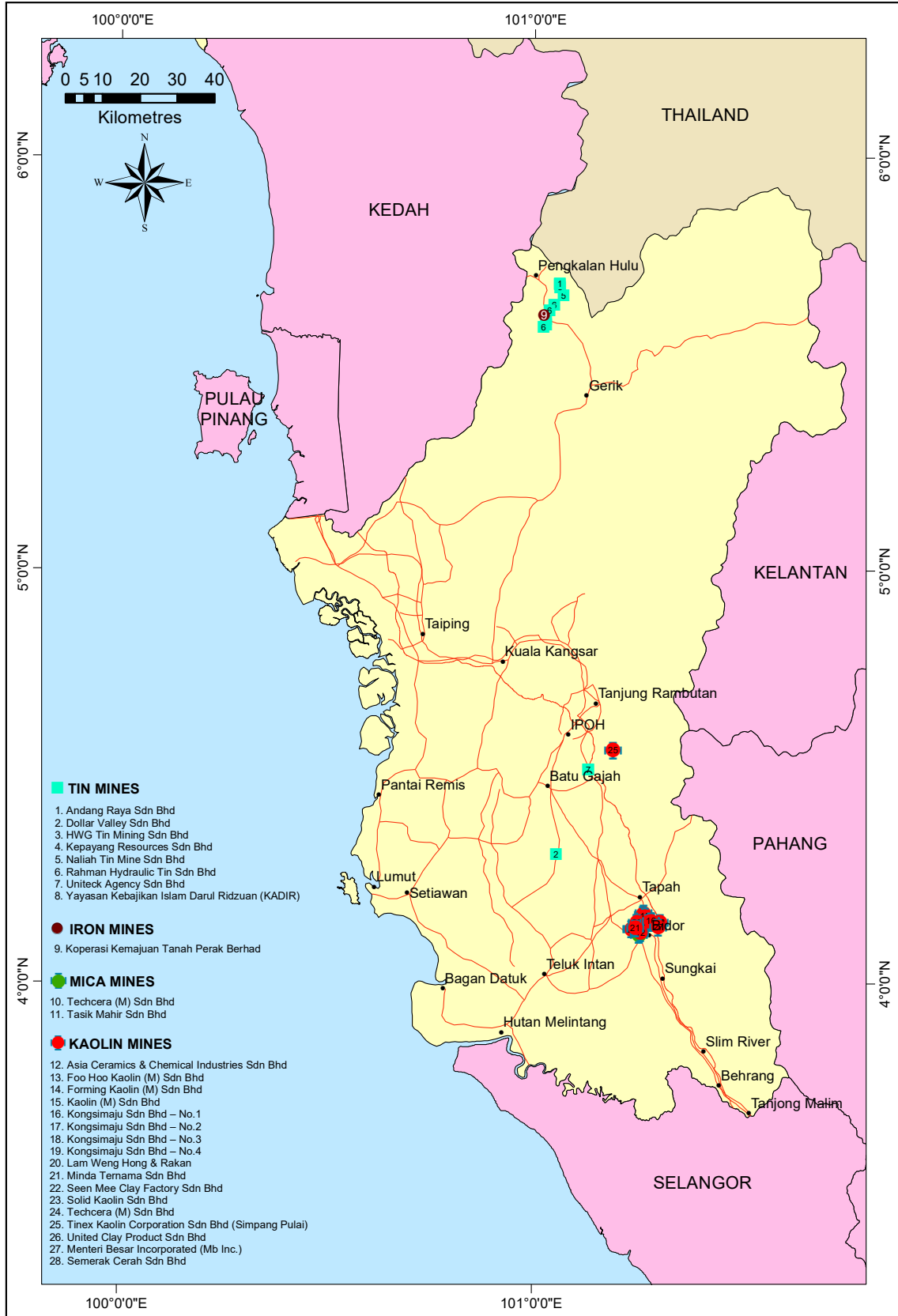


# **PERAK**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**

**LOKASI LOMBONG NEGERI PERAK, 2016**  
 Location of Mines in Perak, 2016



## DIRECTORY OF PERAK

### TIN MINES

NO.	Mines	Address	Contact No.	Method	Location
1.	Andang Raya S/B	No. 1, Tingkat 2, Jalan Horley, 30300 Ipoh	012-573 3141	Open Cast	Batang Padang, Ulu Bernam Barat
2.	Dollar Valley S/B	Lot. 14-3, 3 <sup>rd</sup> Floor, Jalan 1/137C, Bedford Business Park, Batu 5, Off Jalan Kelang Lama, 58000 Kuala Lumpur	012-519 1088	Open Cast	Tg. Tualang, Kampar
3.	HWG Tin Mining S/B	Wisma Ho Wah Genting No. 35, Jalan Maharajalela, 50150 Kuala Lumpur	03- 2143 3622 016-303 8232	Open Cast	Klian Intan, Pengkalan Hulu
4.	Kepayang Resources S/B	Lot. 29985, Bt. 4 ½, Jalan Raja Nazrin Shah, 31350 Ipoh	05 - 311 5788 012-528 2732	Open Cast	Sungai Raia Simpang Pulai
5.	Nalidah Tin Mines S/B	Peti Surat W.D 1, 33200 Klian Intan	04 - 447 8211	Open Cast	Klian Intan, Pengkalan Hulu
6.	Rahman Hydraulic Tin S/B	Peti Surat W.D 1, 33200 Klian Intan	04 - 447 8211	Open Cast	Klian Intan, Pengkalan Hulu
7.	Uniteck Agency S/B	No. 12A, Laluan Gunung Rapat 3, Gunung Rapat, 31350 Ipoh	05 - 311 2698 012-515 8671	Open Cast	Keramat Pulai, Kinta
8.	Yayasan Kebajikan Islam Darul Ridzuan (KADIR)	No. 4 & 6, Lengkok Meru Permai 2, Halaman Meru Permai, Bandar Meru Raya, 30020 Ipoh	014-943 3559	Open Cast	Hulu Perak, Pengkalan Hulu

### IRON MINE

No.	Mine	Address	Contact No.	Method	Location
1.	Koperasi Kemajuan Tanah Perak Berhad	No. 17, Taman Orkid, 31100 Sungai Siput Utara	05-598 2800	Open Cast	Sungai Siput, Kuala Kangsar

### MICA MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Techcera (M) S/B	Lot 398, Kg. Simpang Tiga, 35500 Bidor	05 – 434 8460	Open Cast	Bidor Station, Bidor
2.	Tasik Mahir S/B	No. 2, Jalan Dewan Orang Ramai, 35500 Bidor	05 – 434 8460	Open Cast	Bidor Station, Bidor

## KAOLIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Asia Ceramics & Chemical Industries S/B	No. 38, 1 <sup>st</sup> Floor, Jalan Clarke, 30300 Ipoh	05 – 434 2925	Open Cast	Bidor Station, Bidor
2.	Foo Hoo Kaolin (M) S/B	No. 7, Jalan Besar, 35500 Bidor, Tapah	05 – 434 8460	Open Cast	Tanah Emas, Bidor
3.	Forming Kaolin (M) S/B	Lot. 398, Kg. Simpang Tiga, 35500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
4.	Kaolin (M) S/B	Peti Surat No.27, 35000 Tapah	05 – 406 1222	Open Cast	Sungai Jangka, Tapah
5.	Kongsimaju S/B – No.1	Lot. 398, Kampung Simpang 3, 3500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
6.	Kongsimaju S/B – No.2	Lot. 398, Kampung Simpang 3, 3500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
7.	Kongsimaju S/B – No.3	Lot. 398, Kampung Simpang 3, 3500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
8.	Kongsimaju S/B- No.4	Lot. 398, Kampung Simpang 3, 3500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
9.	Lam Weng Hong & Rakan	Lot. 398, Kg. Simpang Tiga, 35500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
10.	Minda Ternama Sdn. Bhd.	Lot. 398, Kg. Simpang Tiga, 35500 Bidor	05 – 434 8460	Open Cast	Tanah Emas, Bidor
11.	Seen Mee Clay Factory S/B	No. 8-M, Jalan Manau, Off Kampung Attap, 68100 Kuala Lumpur	05 – 434 7862	Gravel Pump	Sungai Jangka, Tapah
12.	Solid Kaolin S/B	Lot. 45, Kaw. Perindustrian Ringan, 31100 Sg. Siput Utara	05 – 598 6072	Open Cast	Tanah Emas, Bidor
13.	Techcera (M) S/B	Lot. 398, Kg. Simpang Tiga, 35500 Bidor	05 – 434 8460	Open Cast	Bidor Station, Bidor
14.	Tinex Kaolin Corporation S/B (Simpang Pulai)	P.O. Box 5, 35007 Tapah	05 – 401 2500	Open Cast	Simpang Pulai, Ipoh
15.	United Clay Product S/B	No. 8-M, Jalan Manau, Off Kampung Attap, 68100 Kuala Lumpur	05 – 434 7862	Gravel Pump	Sungai Jangka, Tapah
16.	Menteri Besar Incorporated (MB Inc.)	Lot. 398, Kampung Simpang 3, 3500 Bidor	05 – 434 8460	Open Cast	Trong
17.	Semerak Cerah S/B	No. 38, 1 <sup>st</sup> Floor, Jalan Clarke, 30300 Ipoh	05 – 434 2925	Open Cast	Bidor Station, Bidor

**MINERAL TENEMENT HOLDERS (ML)**

No.	Lease Holder	Lease / Lot. No.	Location	Mineral	Area (Hectares)	Expiry date
1.	Beng ANR S/B	ML 035 Lot 15042	Hulu Perak	Iron ore	999	10/04/2023
2.	Kayangan Intan S/B	PM 020 Lot 509373	Kinta	Iron ore	295	24/08/2021
3.	Perak Iron Mining Co. S/B	ML 018 Lot 49661	Kinta	Iron Ore	11	16/06/2021
4.	Perak Iron Mining Co. S/B	ML 019 Lot 191629	Kinta	Iron Ore	5	16/06/2021
5.	Yayasan Sultan Azlan Shah	ML 014 Lot 10254	Kuala Kangsar	Iron ore	29	08/11/2019
6.	Asia Ceramic & Chemicals Industries S/B	ML 021 Lot 31120	Batang Padang	Kaolin	18	23/11/2021
7.	Ehsan Delima S/B	ML 042 Lot 13961	Batang Padang	Kaolin	1	27/04/2020
8.	Ehsan Delima S/B	ML 041 Lot 13962	Batang Padang	Kaolin	21	27/04/2020
9.	Foo Ho Kaolin S/B	PM 22/86 Lot 6576 & 6122	Batang Padang	Kaolin	10	19/05/2020
10.	Hajjah Jamilah Bt Hj Marhaban dan Rakan	ML 049 Lot 11261	Batang Padang	Kaolin	28	09/01/2023
11.	Intisari Wawasan (M) S/B	PL 1/95 Lot 12043	Batang Padang	Kaolin	23	09/02/2017
12.	Kaolin (M) S/B	ML 026 Lot 30069	Batang Padang	Kaolin	30	14/10/2022
13.	Kaolin (M) S/B	ML 023 Lot 30071	Batang Padang	Kaolin	4	05/04/2022
14.	Kaolin (M) S/B	ML 027 Lot 30070	Batang Padang	Kaolin	1	14/10/2022
15.	Kongsimaju S/B	PM 28/76 Lot 7031	Batang Padang	Kaolin	14	19/05/2020
16.	Kongsimaju S/B	PL 3766 PT 5089	Batang Padang	Kaolin	11	19/05/2020
17.	Kongsimaju S/B	ML 050 Lot 31489	Batang Padang	Kaolin	4	14/05/2024
18.	Kongsimaju S/B	PL 2/93 PT 8742	Batang Padang	Kaolin	4	26/12/2016
19.	Lam Weng Hong & Lam Weng Seng	PM 14/84 Lot 6264	Batang Padang	Kaolin	30	11/08/2025
20.	Minda Ternama S/B	ML 025 Lot 31297	Batang Padang	Kaolin	20	04/10/2022
21.	Perbadanan Menteri Besar Perak (MB Inc.)	ML 038 Lot 31565	Batang Padang	Kaolin	45	27/06/2023
22.	Perbadanan Menteri Besar Perak (MB Inc.)	ML 047 Lot 13064	Larut Matang	Kaolin	85	13/04/2024
23.	Seen Mee Clay (M) Factory S/B	ML 021 Lot 7676	Batang Padang	Kaolin	7	25/11/2023
24.	Tasik Mahir S/B	PL 3869 Lot 31961	Batang Padang	Kaolin	29	11/08/2025

25.	Techcera (M) S/B	PL 1/2001 Lot 8690	Batang Padang	Kaolin	20	25/02/2025
26.	Tinex Kaolin Corporation S/B	ML 016 Lot 328495	Kinta	Kaolin	29	09/03/2031
27.	United Clay Product S/B	PM 18/73 Lot 7675	Batang Padang	Kaolin	16	27/04/2020
28.	Andang Raya Construction S/B	ML 028 Lot 5022	Batang Padang	Tin Ore	78	17/02/2023
29.	Asas Baiduri S/B	PM 024 Lot 7864	Hulu Perak	Tin Ore	567	07/06/2022
30.	Asiatic Mines S/B	ML 1/2006 LOT 6093	Hulu Perak	Tin Ore	93	07/08/2016
31.	Asmah Bt. Jamaluddin & Rakan-rakan	PM 022 Lot 195935	Kampar	Tin Ore	16	09/02/2017
32.	Au Yew Heng, Roslan bin Saman, Sarena bt Abdullah	SG 3873 Lot 308920	Kampar	Tin Ore	77	26/12/2016
33.	Dato' Hj. Abdul Rahman bin Hj. Dahan	PM 009	Kuala Kangsar	Tin Ore	92	18/01/2020
34.	Dato' Kamarulzaman B. Mohd Ali	SM 2/90	Kinta	Tin Ore	32	03/01/2018
35.	Dollar Valley (M) S/B	PL 7140 Lot 53009	Kinta	Tin Ore	15	19/06/2016
36.	Dollar Valley (M) S/B	PL 7141 Lot 51106	Kinta	Tin Ore	19	16/06/2016
37.	Hj. Abdullah Hj.Mohamed	ML 029 Lot 23485	Manjung	Tin Ore	153	04/03/2023
38.	HWG Tin Mining S/B	ML 013 Lot 7439	Hulu Perak	Tin Ore	202	16/11/2020
39.	Johan Bersatu S/B	PM 011 Lot 7861	Hulu Perak	Tin Ore	200	17/06/2020
40.	Kamaruddin Bin Abas & Rakan-rakan	ML 051 Lot 404517	Kampar	Tin Ore	24	18/07/2024
41.	Malayan Hydraulic Tin Mines S/B	ML 048 Lot 60143	Larut Matang	Tin Ore	76	01/05/2024
42.	Megat Tajuddin Bin Megat Ahmad dan Rakan	ML 030 Lot 320177	Tg Tualang	Tin Ore	29	28/03/2018
43.	Megat Tajuddin Bin Megat Ahmad dan Rakan	ML 031 Lot 320178	Tg Tualang	Tin Ore	34	28/03/2018
44.	Megat Tajuddin Bin Megat Ahmad dan Rakan	ML 032 Lot 320178	Tg Tualang	Tin Ore	3	28/03/2018
45.	Megat Tajuddin Bin Megat Ahmad dan Rakan	ML 033 Lot 320178	Tg Tualang	Tin Ore	6	28/03/2018
46.	Perbadanan Menteri Besar Perak (MB Inc.)	ML 052 Lot 13266	Hulu Perak	Tin ore	607	08/08/2024
47.	Perbadanan Menteri Besar Perak (MB Inc.)	ML 053 Lot 338661	Kinta	Tin ore	255	16/11/2024
48.	Perbadanan Menteri Besar Perak (MB Inc.)	ML 054 Lot 338662	Kinta	Tin ore	26	16/11/2024
49.	Rahman Hydraulic Tin Bhd	ML 004 Lot 6173	Hulu Perak	Tin Ore	33	28/09/2030
50.	Rahman Hydraulic Tin Bhd	ML 005 Lot 7430	Hulu Perak	Tin Ore	446	28/09/2030

51.	Rahman Hydraulic Tin Bhd	ML 036 Lot 55320	Hulu Perak	Tin Ore	63	13/05/2034
52.	Rahman Hydraulic Tin Bhd	ML 037 Lot 55310	Hulu Perak	Tin Ore	37	13/05/2034
53.	Raja Ekram Bin Sultan Yusof & Dato' Mohd Hashim	PM 4865	Kampar	Tin Ore	91	Kekal
54.	Sinar Bayu Sdn. Bhd.	ML 001	Kuala Kangsar	Tin Ore	34	17/02/2019
55.	Takuni S/B	ML 040 Lot 23731	Manjung	Tin Ore	300	09/10/2023
56.	Yayasan Kebajikan Islam Darul Ridzuan (KADIR)	PM 043 Lot 55445	Hulu Perak	Tin Ore	60	25/11/2023

### MINERAL TENEMENT HOLDERS (PML)

No.	Lease Holder	Lease / Lot. No.	District	Mineral	Area (Hectares)	Expiry date
1.	Uniteck Agency Sdn. Bhd.	PML 2/2011	Kinta	Tin Ore	14	08/02/2021
2.	Wong Puan Po dan Rakan	PML 1/2011	Kinta	Tin Ore	7	31/01/2021
3.	Kepayang Resources S/B	PML 1/2012	Kinta	Tin Ore	4	01/01/2022
4.	Kepayang Resources S/B	PML 6/2012	Kinta	Tin Ore	6	01/03/2022
5.	Koperasi Kemajuan Tanah Perak Bhd	PML 07/2012 PT 13810	Batang Padang	Kaolin	56	30/04/2022

### MINERAL PROCESSING PLANTS

No.	Mineral Processing Plants	District	Mineral
1.	Binary Reliance S/B	Hulu Perak	Mine Tailing
2.	Nalidah Tin Mines S/B	Hulu Perak	Mine Tailing

### AMANG RETREATMENT PLANTS

No.	Amang Retreatment Plants	District
1.	BEH Minerals S/B	Kinta
2.	Ho Pak Yew Tin Mines (Tronoh) S/B	Kinta
3.	Kilang Amang Onn S/B	Kampar
4.	Kim Yuan Amang Factory S/B	Kinta
5.	Kinta Amang Dressing Plant S/B	Kampar
6.	Leong Sin Nam & Co. S/B	Kampar
7.	Minex Corporation S/B	Kinta
8.	MK Foong Enterprise S/B	Kinta
9.	Perusahaan Amang Abdul Rani & Hj. Ri S/B	Kinta
10.	Sakuma S/B	Kinta
11.	Sin Fook Lee Amang Dressing Plant S/B	Kinta
12.	Syarikat Kilang Amang Tronoh (Foong Meng Kong)	Kinta
13.	Syarikat Pendorong S/B	Kampar
14.	Terus Masyhur S/B	Kinta
15.	Universal Mineral Trading S/B	Batang Padang
16.	Yoon Jaya S/B	Kampar



## TIN ORE SHOPS

No.	Tin Ore Shops	District
1.	Chew Beng Chuan (Ban Hoe Bee)	Kinta
2.	Chin Siew Fah (P) & Chin Sook Min (P)	Kampar
3.	Hue Leong Meng	Kampar
4.	IBH MAE Enterprise (Ishak Bin Hassan)	Batang Padang
5.	Koperasi Serbaguna Pekerja Lombong	Hulu Perak
6.	Sin Man Hin Loung S/B	Kinta
7.	Sin Man Hin Loung S/B	Hulu Perak
8.	Tony Ng @ Ng Kim Meng (Chun Huy)	Hulu Perak

## MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Calrock S/B	Calcium Carbonate	Singapore
2.	KPM Calcium S/B	Calcium Carbonate	Singapore
3.	Pulai Calcium Carbonate Industries S/B	Calcium Hydroxide, Calcium Carbonate	Australia, Singapore, Thailand
4.	Syarikat Lumut Quarry S/B	Crushed Stone	Singapore
5.	Syarikat Sinar Manjung S/B	Granite Rock	Singapore, India,
6.	Sri Manjung Granite Quarry S/B	Granite Rock	Singapore
7.	Pasir & Kapur S/B	Granite Rock	Singapore
8.	Asas Hasrat Quarry S/B	Granite Rock	Singapore
9.	Imerys Minerals (M) S/B	Granite Rock, Limestone Rock	Singapore, India, Japan, China, Taiwan, Indonesia, Australia, UAE
10.	RCI Lime S/B	Hydrated Lime	Singapore, Philippines
11.	Superior Lime S/B	Hydrated Lime	Philippines
12.	MCB Industries S/B	Hydrated Lime	Indonesia
13.	KP Mineral & Chemical S/B	Hydrated Lime	Brunei
14.	Scomi Oiltools S/B	Hydrated Lime	Turkmenistan
15.	Lime & Lime Products S/B	Hydrated Lime	Taiwan
16.	Universal Lime S/B	Hydrated Lime, Quick Lime	Mauritius, Singapore
17.	Wierig International S/B	Ilmenite	Egypt
18.	Kayfour Development Corporation S/B	Ilmenite	Korea
19.	Konwill Enterprise S/B	Kaolin	Japan, USA
20.	Sibelco (M) S/B	Kaolin	Singapore, Thailand
21.	Associate Kaolin Industries S/B	Kaolin	Bangladesh, Taiwan, Sri Lanka, Vietnam, Korea Japan, Indonesia, Myanmar
22.	KPK-Kyoungsan Ceramics S/B	Kaolin	Korea
23.	Continental Ceramic Services S/B	Kaolin	Bangladesh
24.	Kaolin (M) S/B	Kaolin, Mica	Taiwan, Bangladesh, Thailand, Sri Lanka
25.	Ipoh Rock (M) S/B	Limestone	Indonesia
27.	Stonechem Trading S/B	Limestone	India
28.	Goh Teik Lim Quarry S/B	Limestone Rock	Japan, India
29.	Casa Bayan S/B	Limestone Rock	Indonesia

30.	Thang Kiang Nam Trading S/B	Limestone Rock	India, Thailand
31.	Mutual Way Products S/B	Limestone Rock	Singapore
32.	Syarikat Sim Quarry S/B	Limestone Rock	Singapore
33.	Omya (M) S/B	Limestone Rock	India
34.	Nobel Distinction (M) S/B	Limestone Rock	India
35.	Lhoist (M) S/B	Limestone Rock	Indonesia, India
36.	Kinta Powdertec S/B	Limestone Rock	India
37.	K.B Stone Product S/B	Limestone Rock	Singapore
38.	Unico Calsium Carbonate Industry S/B	Limestone Rock	Philippines, Singapore
39.	Ban Loong Calcium Carbonate S/B	Limestone Rock	Singapore
40.	CSI Corporation S/B	Limestone Rock	Bangladesh
41.	Sun Minerals S/B	Limestone Rock	Singapore, India, Bangladesh
42.	Subeno Calsium Carbanate S/B	Limestone Rock	Bangladesh
43.	Sri Magjuta S/B	Limestone Rock	Singapore
44.	KB Stone Product S/B	Limestone Rock	Singapore
45.	Pulai Rock Industries S/B	Limestone Rock	Indonesia
46.	MW Chemicals S/B	Limestone Rock, Calcium Carbonate	India, Singapore
47.	Satust Industries S/B	Limestone Rock, Hydrated Lime	Singapore
48.	Sri Matek Marble Industries S/B	Marble Block	Taiwan
49.	Seribeau S/B	Mica	Thailand, Indonesia, Taiwan
50.	Tasik Mahir S/B	Mica	Thailand, USA
51.	Techcera (M) S/B	Mica	Taiwan, China, Korea
52.	Kincera S/B	Mica	USA, UK, Barcelona, Istanbul
53.	Bidor Mineral S/B	Mica	Japan
54.	San Xiang (M) S/B	Monazite	China
55.	RCI Lime S/B	Quick Lime	Indonesia, India
56.	NSL Chemicals (M) S/B	Quick Lime	Singapore, Philippines
57.	Megah Jaya Industries S/B	Quick Lime	Philippines, Bangladesh
58.	Esteem Infotech S/B	Silica Sand	Brunei
59.	Beh Mineral S/B	Struverite	China
60.	Minex Corporation S/B	Zircon Sand	Taiwan
61.	Interwestma S/B	Zircon Sand, Monazite	India, China
62.	Far East Mineral S/B	Zircon Sand, Struverite	China
63.	Zen Natural Resources S/B	Ilmenite	China
64.	Dolomite Powders S/B	Limestone Powder	Singapore
65.	CAO Industries S/B	Quick Lime	Papua New Guinea
66.	Kim Yuan Amang Factory S/B	Zircon Sand	China
67.	Teknik Entiti S/B	Iron Ore	China
68.	YTL Cement Marketing S/B	Limestone Powder	Singapore
69.	AJK Minerals S/B	Limestone Stone	Brunei
70.	Chemie Build Marketing S/B	Limestone Powder	Singapore
71.	Lateral Development S/B	Limestone Rock	Singapore
72.	LaFarge Aggregates (Ipoh) S/B	Calcium Carbonate	Singapore
73.	Pegang Mining S/B	Zircon Sand	China
74.	CCS Corporation S/B	Kaolin	Bangladesh
75.	Image Hexa S/B	Limestone Rock	Singapore

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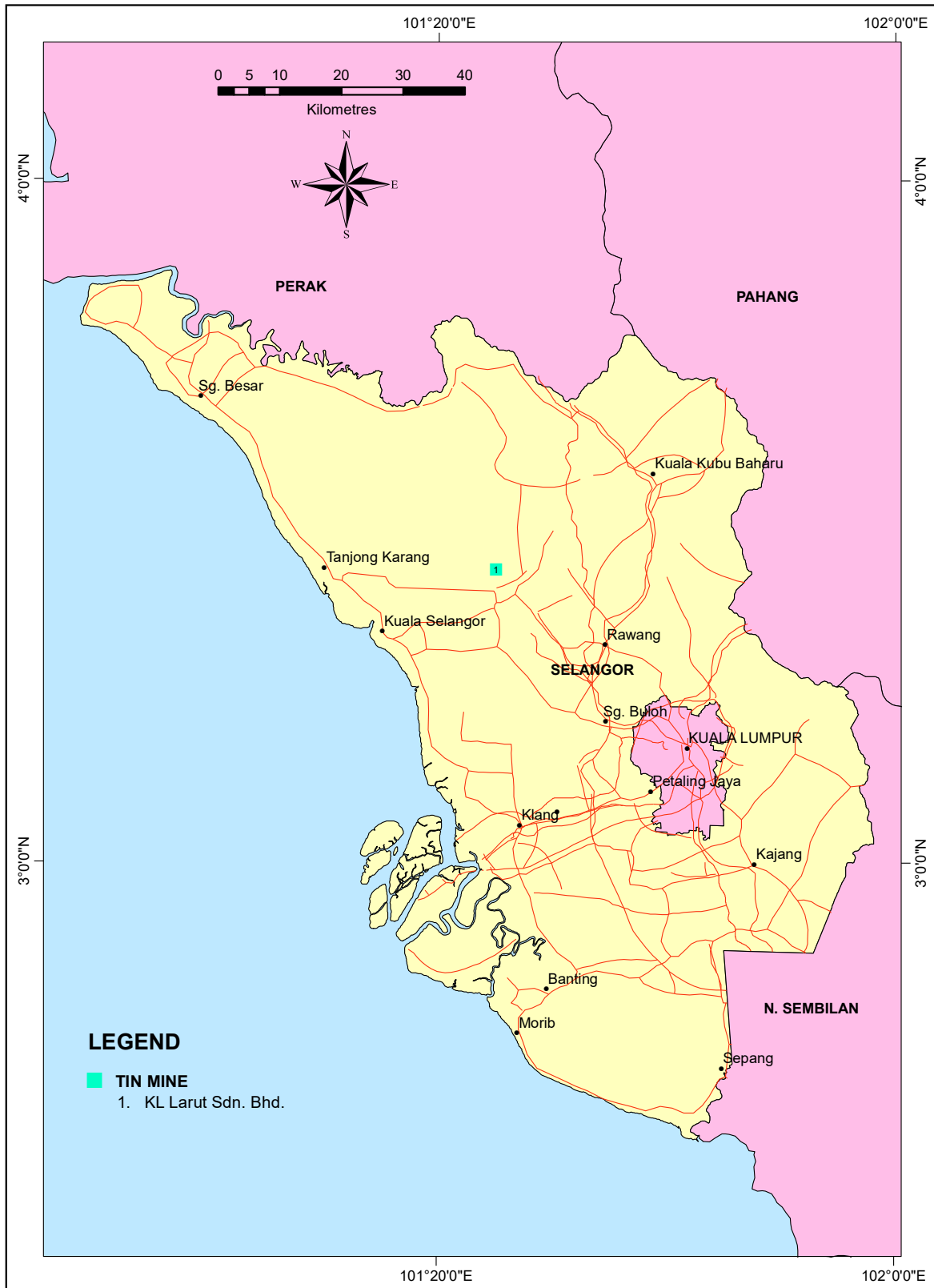
# SELANGOR

Lokasi Lombong dan Direktori

Location of Mines and Directory



### LOKASI LOMBONG NEGERI SELANGOR, 2016 Location of Mine in Selangor, 2016



## DIRECTORY OF SELANGOR

### TIN MINE

No.	Mine	Address	Contact No.	Method	Location
1.	KL Larut S/B	No.20A,1 <sup>st</sup> Floor, Jalan Ipoh Kecil, Off Jalan Ipoh, 50350 Kuala Lumpur.	012-3812553	Open Cast & Cutter Suction Dredge	1) Bestari Jaya, Kuala Selangor 2) Ulu Tinggi, Kuala Selangor

### MINERAL TENEMENT HOLDERS

No.	Lease Holder	Lease/ Lot. No.	District	Mineral	Area (Hectares)	Expiry date
1.	KL Larut S/B	ML 1/2015 PT 5571	Bestari Jaya, Kuala Selangor	Tin Ore	120.97	20.3.2020
2.	KL Larut S/B	ML 2/2015 PT 822	Ulu Tinggi, Kuala Selangor	Tin Ore	303.01	20.3.2020
3.	Assosiated Pan Malaysia Cement	ML 3/2015	Rawang, Gombak	Limestone	141	25.4.2025

### MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Kincera S/B	Mica Powder	Korea, USA, France, Spain, Turkey, Indonesia, Thailand, China & Japan
2.	Compact Energy S/B	Slake Lime	Sri Lanka, Singapore, Pakistan, India & Philippines
3.	Chung Chemicals S/B	Talc-Crushed/ Powdered	Vietnam, Indonesia, Philippines, Thailand, Singapore & India
4.	CCS Corporation S/B	Clay	Bangladesh, Taiwan, Sri Lanka, China, Thailand, Korea & Japan
5.	Productive Summit S/B	Clay	Bangladesh, India & Sri Lanka
6.	Behn Meyer Agricare (M) S/B	Kieserite	Indonesia & Thailand
7.	Tejana Trading & Management Services S/B	Non Agglomerated (Iron Ore Pellet)	W. P. Labuan
8.	Batu Tiga Quarry S/B	Aggregate	Bangladesh
9.	Bronson And Jacobs (Malaysia) S/B	Bentonite	Singapore
10.	Lion DRI S/B	Non Agglomerated (Iron Ore Pellet)	China
11.	Mc-Growth Resources S/B	Talc-Crushed/Powdered	Singapore
12.	Aqua-Flo S/B	Slake Lime	W. P. Labuan
13.	Omya Malaysia S/B	Kaolin	Singapore
14.	Duc Thai (M) S/B	Slake Lime	Philippines
15.	Infini Chemical (M) S/B	Kaolin	Singapore
16.	Linde Welding Product S/B	Rutile	Bangladesh
17.	Vesuvius Malaysia S/B	Bentonite	Singapore & Vietnam
18.	North West Enterprise S/B	Kaolin	Korea



19.	WWRC Malaysia S/B	Kaolin Talc- Crushed/ Powdered Silica Sand	Singapore, Indonesia & Myanmar Vietnam & Indonesia Singapore
20.	Atchem Supplies S/B	Kaolin Magnesium Silicate	Singapore Singapore
21.	Chemcentro S/B	Talc- Crushed/Powdered	Singapore
22.	North Port Bulk Services S/B	Nepheline Syenite	Vietnam & Thailand
23.	Uniglobe Minerals S/B	Petalite	Japan
24.	Connell Bros. Company (Malaysia) S/B	Kaolin	USA
25.	Vermeer (SEA) Malaysia S/B	Bentonite	Vietnam

### AMANG RETREATMENT PLANTS

No.	Amang Retreatment Plants	District
1.	Sanguine Development Corp. S/B	Dengkil, Sepang
2.	L & T Minerals S/B	Bestari Jaya, Kuala Selangor



# **NEGERI SEMBILAN**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**





### LOKASI LOMBONG NEGERI SEMBILAN, 2016 Location of Mines in Negeri Sembilan, 2016



## DIRECTORY OF NEGERI SEMBILAN

### IRON MINE

No.	Mine	Address	Contact No.	Method	Location
1.	E-Sing Plantation S/B	Bagan Modal Sdn. Bhd. Lot 533, Jalan Pasar, Sungai Pelek, 43950 Sepang, Selangor	03-31421988	Open Cast	Pasir Panjang, Port Dickson

### FELDSPAR MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Contemporary Tactics S/B	312-A2, Taman AST, Jalan Sungai Ujong, 70200 Seremban Negeri Sembilan	06-7678636	Open Cast	Gemencheh, Tampin
2.	GPS Quarry S/B	362A, Jalan Simbang, Taman Perling, 81200 Johor Bharu Johor	07-2326008	Open Cast	Gemencheh, Tampin

### MINERAL TENEMENT HOLDERS

No.	Lease Holder	Licence / Lot. No.	District	Mineral	Area (Hectares)	Expiry Date
1.	Salina Binti Dahalan	ML 1/2014	Gemencheh, Tampin	Feldspar	14.95	9/11/17
2.	Panji Mewah S/B	ML 1/2015	Gemencheh, Tampin	Feldspar	6.069	10/06/18
3.	Intisari Dagang S/B	ML 1/2016	Pasir Panjang, Port Dickson	Iron Ore	12.15	12/02/19
4.	Contemporary Tactics S/B	PML 1/2015	Gemencheh, Tampin	Feldspar	5.77	29/01/20
5.	E-Sing Plantation S/B	PML 2/2016	Pasir Panjang, Port Dickson	Iron Ore	25.09	27/09/18
6.	Bilang Maju S/B	EL 1/2016	Pasir Panjang Port Dickson	Iron Ore, Tin	20,000	8/05/18
7.	Air Kuning Resources	PL 1/2015	Gemencheh, Tampin	Gold	26.58	13/04/16

### MINERAL EXPORTERS

No.	Company Name	Address	Contact No.	Mineral	Country
1.	Zircosil (M) S/B	Lot 52 & 56, Persiaran Bunga Tanjung 2, Senawang Industrial Park 70450 Seremban Negeri Sembilan	06-6783122	Zirconium Silicate	Japan, Korea, Thailand, Indonesia, Vietnam, Sri Lanka, Pakistan, Philippines
2.	Contemporary Tactics S/B	312-A2, Taman AST Jalan Sungai Ujong 70200 Seremban Negeri Sembilan	06-7678636	Pottery Stone/ Feldspar	Indonesia and Vietnam





# MELAKA

Direktori  
Directory



## DIRECTORY OF MELAKA

### MINERAL TENEMENT HOLDERS

No.	Lease Holder	Lease / Lot. No.	District	Mineral	Area (Hectares)	Expiry Date
1.	Yayasan Negeri Melaka	ML 1/2012	Sungai Baru Ulu, Alor Gajah	Iron Ore	38.07	6/7/21
2.	Kejora Bijak S/B	Prospecting License	Kuala Sungai Baru	Tin	809.371	14/05/17



# JOHOR

Lokasi Lombong dan Direktori

Location of Mines and Directory

**LOKASI LOMBONG NEGERI JOHOR, 2016**  
 Location of Mines in Johor, 2016



## DIRECTORY OF JOHOR

### TIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Giant Distinction S/B	No. 33, 1 <sup>st</sup> Floor, Jalan Anggerik 2, Taman Kulai Utama, 81000 Kulai	07-6624022	Open Cast	Sungai Tengkil, Kota Tinggi
2.	Lembaga Kemajuan Johor Tenggara S/B (Cheep Fatt Mining S/B)	Bangunan Ibu Pejabat KEJORA, Jalan Dato' Hj. Hassan Yunus, Bandar Penawar Desaru 81900 Kota Tinggi	07-8221601	Open Cast	Sungai Tengkil, Kota Tinggi
3.	Limemax (M) S/B (ZCM Minerals S/B)	Lot. 14-3, 3 <sup>rd</sup> Floor, Jalan 1/137C, Bedford Business Park, Jalan Kelang Lama, 56000 Kuala Lumpur	09-5670788	Open Cast	Pelepah Kanan, Kota Tinggi

### IRON MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Generasi Karisma S/B (Massive Milestone S/B)	No. 9C Tingkat 3 Jln Samudera Utara 2, Taman Samudera 68100 Batu Caves	03-61897719	Open Cast	Maokil, Muar
2.	Honest Sam Development S/B	Istana Pasir Pelangi, 80400 Johor Bahru	09-5173333	Open Cast	Cha'ah Baru, Batu Pahat
3.	Limemax (M) S/B (ZCM Minerals S/B)	Lot. 14-3, 3 <sup>rd</sup> Floor, Jalan 1/137C, Bedford Business Park, Jalan Kelang Lama, 56000 Kuala Lumpur	09-5670788	Open Cast	Pelepah Kanan Air Terjun, Kota Tinggi
4.	Sokongan Semulajadi S/B	No. 91-3A, Jalan Jemaluang, 86800 Mersing	07-7996661	Open Cast	Nitar 2, Mersing
5.	Syarikat Lombong Besi Hj. Masiran Elias S/B (Hong Huat Mining S/B)	No. 24, Jalan Timbalan, 84000 Muar	06-2824750	Open Cast	Lenga, Muar
6.	Usaha Padu Jati Enterprise (Summit Jutamas S/B)	No. 364-A, 1 <sup>st</sup> Floor, Jalan Lahat, 30200 Farlim, Ipoh	03-51627600	Open Cast	Bukit Kepong, Muar

### KAOLIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Sokongan Semulajadi S/B	No. 91-3A, Jalan Jemaluang, 86800 Mersing	07-7996661	Open Cast	Jemaluang, Mersing
2.	Sarifah Mariam Bt Ali (Sinar Teguh Mining S/B)	No.11, Jln Lega, Lakin Jaya 8 80350 Johor Bahru	07-7992143	Open Cast	Jemaluang, Mersing



### BAUXITE MINES

No.	Mines	Address	Contact No.	Method	Location
1.	AA Sawit S/B	Lot 10585 Ptd 4200 Sungai Rengit Pengerang Kota Tinggi	07-7763816	Open Cast	Pengerang Kota Tinggi
2.	Johor Mining & Stevedoring Company S/B (JOMIS)	2A, Jalan Padi Mahsuri 12, Bandar Baru Uda, 81200 Johor Bahru	07-2351388	Open Cast	Pengerang Kota Tinggi
3.	Tropical City S/B	30 Hutan Simpan Santi Pengerang Kota Tinggi	07-7996660	Open Cast	Pengerang Kota Tinggi

### SILICA SAND MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Giant Distinction S/B (MC 1236)	No. 33, 1 <sup>st</sup> Floor, Jalan Anggerik 2, Taman Kulai Utama, 81000 Kulai	07-6624022	Open Cast	Kota Tinggi (Ulu Sungai Johor, Sg Tengkil)
2.	Hock Yong Resources S/B	2, Lorong Satu, Jalan Zabedah 83000 Batu Pahat Johor	07-4341353	Open Cast	Lenggor, Mersing
3.	Johor Mining & Stevedoring Company S/B (JOMIS)	2A, Jalan Padi Mahsuri 12 Bandar Baru Uda, 81200 Johor Bahru	07-2351388	Open Cast	Kota Tinggi (Pengerang)

### MINERAL TENEMENT HOLDERS (ML)

No.	Lease Holder	Lease No.	Location	Mineral	Area (Hectares)	Expiry Date
1.	Johor Mining and Stevedoring Company S/B	ML 581	Pantai Timur, Kota Tinggi	Bauxite	750.1 Ha	29.09.2016
2.	Johor Mining and Stevedoring Company S/B	ML 1/2014	Pantai Timur, Kota Tinggi	Bauxite	131.3 Ha	14 .01.2019
3.	D.Y.M.M Sultan Ibrahim Ismail Ibni Almarhum Sultan Iskandar	ML 9/2014	Chaah, Batu Pahat	Iron Ore	104.30 Ha (257.73 Ek)	22.03.2024
4.	D.Y.M.M. Sultan Ibrahim Ibni Almarhum Sultan Iskandar	ML 576	Ulu Sungai Sedili Besar, Kota Tinggi	Iron Ore	73.02 Ha (180.441 Ek)	26.04.2016
5.	D.Y.M.M. Sultan Ibrahim Ibni Almarhum Sultan Iskandar	ML 1/2012	Sedili Besar, Kota Tinggi	Iron Ore	123.86 Ha (306 Ek)	8.01.2017
6.	D.Y.M.M. Sultan Ibrahim Ibni Almarhum Sultan Iskandar	ML 6/2014	Chaah Baru, BatuPahat	Iron Ore	121.11 Ha (300 Ek)	22.03.2024
7.	D.Y.M.M. Sultan Ibrahim Ibni Almarhum Sultan Iskandar	N.A	Batu 10, Mersing	Iron Ore	164.16 Ha (405.64 Ek)	26.02.2018
8.	D.Y.M.M. Sultan Ibrahim Ibni Almarhum Sultan Iskandar	ML 557	Km 13, Kota Tinggi	Iron Ore	34.803 Ha	08.05.2016
9.	Generasi Karisma S/B	ML 5/2012	Bukit Kepong, Muar	Iron Ore	22.26 Ha (55 Ek)	14.08.2017
10.	Limemax (M) S/B	ML 2/2012	Batu 8 Jalan Kota Tinggi Air Terjun, Kota Tinggi	Iron Ore	80.3 Ha (198.337 Ek)	09.1.2017

11.	Sokongan Semulajadi S/B	ML 1/2013	Jemaluang, Mersing	Iron Ore	47.98 Ha (118.523 Ek)	4.02.2018
12.	Sokongan Semulajadi S/B	ML 10/2014	FeldaNitar 01, Mersing	Iron Ore	88.47 Ha (198.87 Ek)	14.06.2019
13.	Syarikat Lombong Besi Masiran S/B	ML 1/2011	Lenga, Muar	Iron Ore	44.8 Ha (110.7 Ek)	20.12.2021
14.	Syarikat Lombong Besi Masiran S/B	ML 579,	Lenga, Muar	Iron Ore	35.02 Ha	22.82016
15.	Syarikat Lombong Besi Masiran S/B	ML 580	Lenga, Muar	Iron Ore	15.00 Ha	22.8.2016
16.	Usahapadu Jati S/B	ML 578	Bukit Kepong, Muar	Iron Ore	141.70 Ha (350.148 Ek)	11.07.2016
17.	Y.A.M Tunku Idris Iskandar Ibni Sultan Ibrahim	ML 3/2014	Tanjung Surat, Kota Tinggi	Iron Ore	4.55 Ha (11.24 Ek)	2.03.2019
18.	Y.A.M Tunku Idris Iskandar Ibni Sultan Ibrahim	ML 4/2014	Tanjung Surat, Kota Tinggi	Iron Ore	10.51 Ha (25.98 Ek)	2.03.2019
19.	Sharifah Mariam Binti Ali	ML 4/2012	Jemaluang, Mersing	Kaolin	38.44 Ha (95.571 Ek)	13.05.2017
20.	1. Ho Chee Chiang 2. Hamonangan Bin Mara 3. Chia Cheong Chian (Hock Yong Resources )	ML 7/2014	Sg. Kemandong, Mersing	Kaolin	35.38 Ha (87.416 Ek)	25.03.2019
21.	1. Ho Chee Chiang 2. Hamonangan Bin Mara 3. Chia Cheong Chian (Hock Yong Resources )	ML 8/2014	Lenggor, Mersing	Silica Sand	19.33 Ha (47.76 Ek)	03.01.2022
22.	Giant Distinction S/B	MC 1235	Ulu Sungai Johor, Kota Tinggi	Silica Sand	425.73 Ha (1052 Ek)	22.12.2018
23.	Giant Distinction S/B	MC 1236	Ulu Sungai Johor, Kota Tinggi	Silica Sand	20.74 Ha (51.25 Ek)	22.12.2018
24.	Lembaga Kemajuan Johor Tenggara (Kejora)	ML 5/2014	Ulu Sungai Johor, Kota Tinggi	Tin Ore	87.27 Ha (215.641 Ek)	12.03.2019
25.	Lembaga Kemajuan Johor Tenggara (Kejora)	ML 3/2012	Ulu Sungai Johor, Kota Tinggi	Tin Ore	22.25 Ha	29.03.2017
26.	Limemax (M) S/B (ZCM Minerals S/B)	MC 1224	Pelepah Kanan, Kota Tinggi	Tin Ore	80.127 Ha	09.01.2017

#### MINERAL TENEMENT HOLDERS (PML)

No.	Lease Holder	Lease No.	Location	Mineral	Area (Hectares)	Expiry Date
1.	Amran Bin Ab. Aziz	PML 1/2013	Jabi, Segamat	Iron Ore	0.80 Ha (1.975 Ek)	21.08.2018
2.	Amran Bin Ab. Aziz	PML 2/2013	Jabi, Segamat	Iron Ore	0.80 Ha (1.976 Ek)	21.08.2018
3.	Amran Bin Ab. Aziz	PML 3/2013	Jabi, Segamat	Iron Ore	0.80 Ha (1.976 Ek)	21.08.2018
4.	Amran Bin Ab. Aziz	PML 4/2013	Jabi, Segamat	Iron Ore	0.80 Ha (1.976 Ek)	21.08.2018
5.	Amran Bin Ab. Aziz	PML 5/2013	Jabi, Segamat	Iron Ore	0.69 Ha (1.699 Ek)	21.08.2018

6.	Amran Bin Ab. Aziz	PML 6/2013	Jabi, Segamat	Iron Ore	1.07 Ha (2.651 Ek)	21.08.2018
7.	Mior Group S/B	PML 2/2013	Kampung Sg. Ambat, Mersing	Iron Ore	10.11 Ha	24.11.2018
8.	SJ Pacific Resources S/B	PML 3/2013	Felda Tenggaraoh 01, Mersing	Iron Ore	12.067 Ha	24.11.2018
9.	SJ Pacific Resources S/B	PML 9/2013	Sedili Besar, Kota Tinggi	Iron Ore	3.518 Ha	11.12.2018
10.	Batu Emas Jati S/B	PML 1/2014	Padang Endau, Mersing	Iron Ore	32.43 Ha	19.07.2019
11.	AA Sawit S/B	PML 1/2016	Sungai Rengit, Pengerang	Bauxite	61.067 Ha	07.08.2021
12.	Duli Yang Maha Mulia Tunku Ismail Idris Ibni Tuanku Iskandar	PML 2/2016	Ladang Mado's Sg Tiram	Silica Sand	10.15 Ha	20.12.2021
13.	Perbadanan Johor	PML 3/2016	Tg. Balau, Kota Tinggi	Silica Sand	12.14 Ha	20.12.2021
14.	Tropical City (M) Sdn Bhd	PML 4/2016	Kg. Minchu, Kota Tinggi	Silica Sand	1.743 Ha	20.12.2021
15.	Tropical City (M) Sdn Bhd	PML 5/2016	Kg. Minchu, Kota Tinggi	Silica Sand	2.127 Ha	20.12.2021

## MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Sokongan Semulajadi S/B	Bauxite	China, Thailand
2.	Johore Mining And Stevedoring Co. S/B (JOMIS)	Bauxite	China, Jepun
3.	Sibelco Malaysia S/B	Feldspar	Singapore, Vietnam, Thailand, Pakistan, Philippines
4.	Honest Sam Development S/B	Iron Ore	China
5.	Alpha Better Mineral S/B	Iron Ore	China
6.	Mount United Mining S/B	Iron Ore	China
7.	Summit Jutamas (M) S/B	Iron Ore	China
8.	Sokongan Semulajadi S/B	Iron Ore	China
9.	Massive Milestone S/B	Iron Ore	China
10.	ZCM Minerals S/B	Iron Ore	China
11.	Uniglobe Minerals Sdn Bhd	Kaolin	Jepun
12.	Ultimate Fidelity S/B	Kaolin	Hong Kong
13.	Giant Distinction S/B	Silica Sand	Singapore
14.	Wanimas Jaya S/B	Silica Sand	Singapore
15.	Perniagaan Usahasama Membalak S/B	Silica Sand	Singapore
16.	Johor Silika S/B	Silica Sand	Singapore, Vietnam, Indonesia
17.	Bumijaya Waras Sdn Bhd	Silica Sand	Singapore
18.	Mados's Holding S/B	Silica Sand	Singapore, Brunei
19.	Hur Zhong S/B	Silica Sand	Singapore

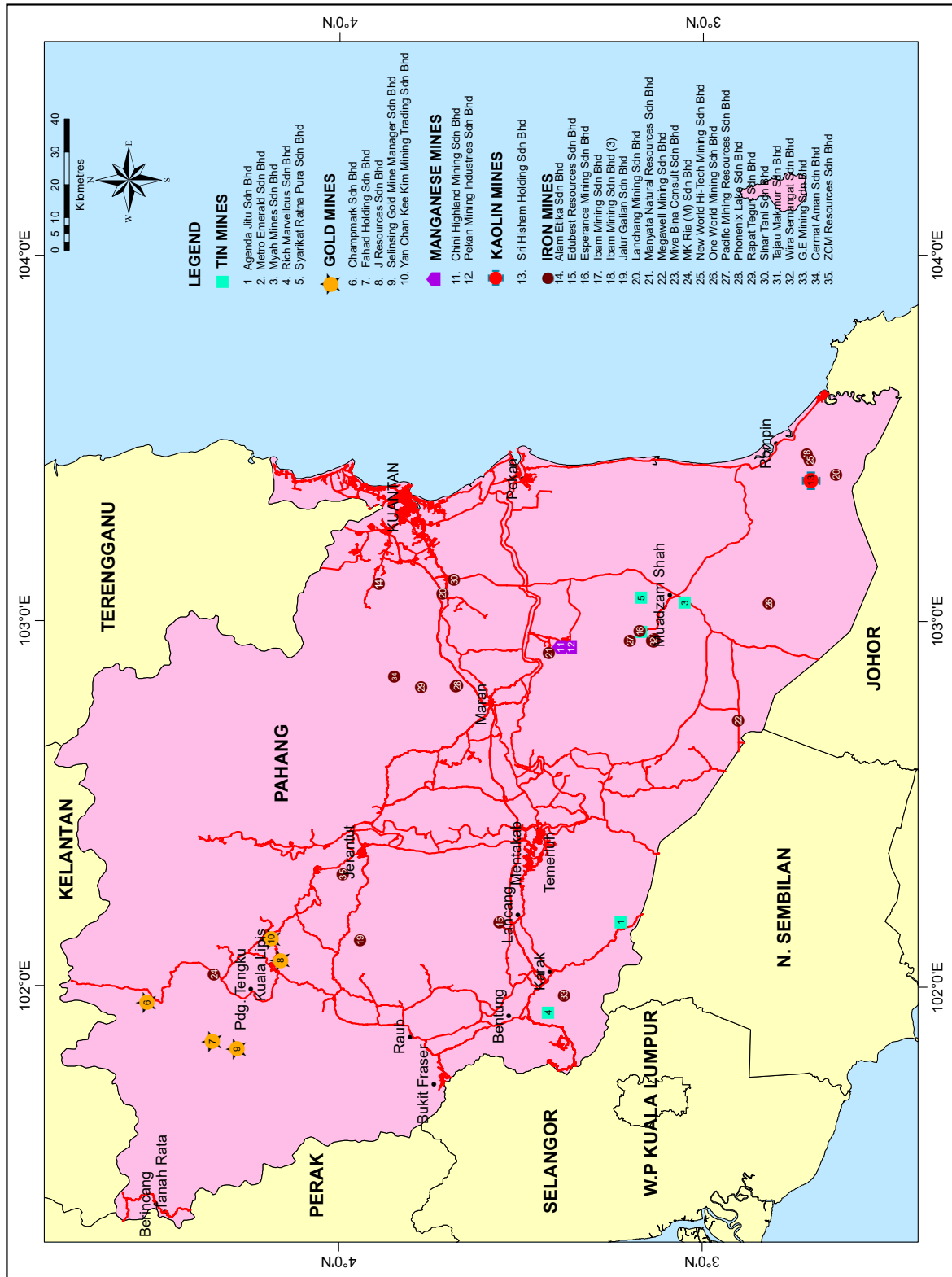


# PAHANG

Lokasi Lombong dan Direktori

Location of Mines and Directory

**LOKASI LOMBONG NEGERI PAHANG, 2016**  
Location of Mines in Pahang, 2016



## DIRECTORY OF PAHANG

### TIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Agenda Jitu S/B	Level 2-207, Plaza Seri Setia, No. 1, Jalan SS 9/2, Seri Setia, 47300 P.Jaya	03-7873 7717	Open Cast	Pelangai, Bentong
2.	Metro Emerald S/B	PT. 159983, Jalan Persimpangan Lahat, Lebuhraya Ipoh- Lumut, 31500 Lahat, Perak	05-322 1401	Open Cast	Sungai Lembing, Kuantan
3.	Myah Mines S/B	No. A-19, Tingkat 1, Lorong Galing 2, Jalan Beserah, 25300 Kuantan	013-955 8385	Open Cast	Sungai Lembing, Kuantan
4.	Rich Marvellous S/B	No. 278, Lorong Bentong Makmur 11, Taman Bentong Makmur, 28700 Bentong	09-223 4951	Open Cast	Sungai Semantut, Bentong
5.	Syarikat Ratna Pura S/B	Lot. 14, Kawasan MIEL, Semambu Industrial Estate, 25350 Kuantan	09-438 2104	Open Cast	Sungai Timun, Rompin

### GOLD MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Champmark S/B	No. 1253-1-8, Batu 6 3/4 , Jalan Sungai Besi, 57100 Kuala Lumpur	03-7982 3966	Open Cast	Sungai Timah, Kuala Lipis
2.	Fahad Holding S/B	No. E-827, Jalan Bayam, 25100 Kuantan	09-514 1122	Open Cast/ Underground	Bukit Kenderak, Lipis
3.	J Resources S/B	Penjom Gold Mine, Empang Jaleh, P.O Box 49, 27207 Kuala Lipis	09-322 7288	Open Cast	Penjom, Kuala Lipis
4.	Selinsing Gold Mine Manager S/B	No. 157, Jalan Bukit Bius, 27207 Kuala Lipis	09-340 2043	Open Cast	Sungai Kermoi, Kuala Lipis
5.	Yan Chan Kee Kim Mining Trading S/B	No. 238, Bukit Koman, 27600 Raub	019-918 7216	Open Cast	Sungai Penyadap, Kuala Lipis

### MANGANESE MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Chini Highland Mining S/B	18-25-A2, Gurney Tower Persiaran Gurney, Pulau Pinang	09-5173791	Open Cast	Kampung Melai, Pekan
2.	Pekan Mining Industries S/B	No. 62B, Lorong Rahim Kajai 14, Taman Tun Dr. Ismail, 60000 Kuala Lumpur	03-5519 1122	Open Cast	Sungai Perupuk Chini,

## KAOLIN MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Sri Hisham Holding S/B	A – 4112, Ground Floor, Jalan Kubang Buaya, 25250 Kuantan	09-507 2104	Open Cast	Sungai Serai, Rompin
2.	Sri Hisham Holding S/B (No. 2)	A – 4112, Ground Floor, Jalan Kubang Buaya, 25250 Kuantan	09-507 2104	Open Cast	Sungai Serai, Rompin

## IRON MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Alam Etika S/B	No. B238, Tingkat 2, Jalan Lim Hoe Lek, 25200 Kuantan	09-513 4412	Open Cast	Sungai Panching, Kuantan
2.	Cermat Aman S/B	Suite 568-10-36, Kompleks Mutiara, Batu 3 1/2, Jalan Ipoh, 51200 Kuala Lumpur	03-8945 0246	Open Cast	Bukit Bekapor, Kuantan
3.	Edubest Resources S/B	No. B-12, Tingkat 1, Lorong Tun Ismail 8, Sri Dagangan II, 25000 Kuantan	09-517 3388	Open Cast	Sungai Kelubung Kuala Lipis
4.	Esperance Mining S/B	Lot 10, Kawasan Perindustrian Semambu, 25350 Kuantan	09-568 2377	Open Cast	Tasik Biru, Bukit Ibam
5.	G.E Mining S/B	No. B-12, Tingkat 1, Lorong Tun Ismail B, Sri Dagangan 2, 25000 Kuantan	09-517 3388	Open Cast	Sungai Besol, Jerantut
6.	Ibam Mining S/B	No. B – 2737, Taman Pelandok, Off Jalan Beserah, 25390 Kuantan	09-567 8587	Open Cast	Bukit Pesagi, Rompin
7.	Ibam Mining S/B (2)	No. B – 2737, Taman Pelandok, Off Jalan Beserah, Kuantan	09-567 8587	Open Cast	Bukit Pesagi, Rompin
8.	Ibam Mining S/B (3)	No. B – 2737, Taman Pelandok, Off Jalan Beserah, Kuantan	09-567 8587	Open Cast	Bkt. Garet, Rompin
9.	Jalur Galian S/B	No. A-9, Tingkat 1, Jalan Tun Ismail 2, Sri Dagangan 11, 25000 Kuantan	09-517 3333	Open Cast	Kampung Baru, Jerantut
10.	Lanchang Mining S/B	No. 5, Persiaran Sultan Abu Bakar, Kawasan Perindustrian Ringan 6, Bandar Indera Mahkota, 25200 Kuantan	09-573 3333	Open Cast	Kampung Luit, Maran
11.	Manyata Natural Resources S/B	Suite 408 & 409, 4 <sup>th</sup> Block A, Kelana Business Centre, No. 97, Jalan SS 7/2, 45000 Kelana Jaya, Selangor	03- 7492 3456	Open Cast	Sungai Perupuk, Chini
12.	Megawell Mining S/B	Suite 07-02, Level 7, Jalan Batu Tiga, 41300 Klang, Selangor	03-3341 2394	Open Cast	Sungai Tembi, Bera
13.	Miva Bina Consult S/B	No. 8, Lorong IM 10/8, Bukit Istana, Bandar Indera Mahkota, 25200 Kuantan	09-516 2287	Open Cast	Bkt Bangkong, Kuantan

14.	MK Ria (M) S/B	No. A9 & A11, 1st Floor, Jalan Tun Ismail 2, Sri Dagangan 11, 25000 Kuantan	09-517 3333	Open Cast	Bukit Yon, Kuala Lipis
15.	New World Hi-Tech Mining S/B	No. 23, Jalan Gurney Satu, 54000 Kuala Lumpur	03 - 4257 7888	Open Cast	Selendang, Rompin
16.	One World Mining S/B	Level 8, Menara Zenith, Jalan Putra Square 6, Putra Square, 25200 Kuantan	09-5488888	Open Cast	Sungai Kemuning, Pekan
20.	Pacific Mining Resources S/B	No. D5-31, Kedai TDK, 26670 Bukit Ibam	013-315 1333	Open Cast	Keratong, Rompin
21.	Phonenix Lake S/B	No. A-695, Jalan Beserah, 25350 Kuantan	09-567 0788	Open Cast	Sungai Luit, Maran
22.	Rapat Teguh S/B	A 2858, Jalan Dato' Bahaman, Medan Tok Sira, 25250 Kuantan	09-5670788	Open Cast	Mengapur, Maran
23.	Sinar Tani S/B	No. A-4380, Tingkat 1, Jalan Teluk Sisek, 25000 Kuantan	09-515 9888	Open Cast	Batu 4, Gambang
24.	Tajau Makmur S/B	No. A 13-2, Lorong Tun Ismail 10, Sri Dagangan 2, 25000 Kuantan	09-567 6113	Open Cast	Bukit Tunggai, Maran
25.	Wira Semangat S/B	B-584 Tingkat 1, Jalan Beserah, 25300 Kuantan	09-5681236	Open Cast	Bukit Mercung, Rompin
26.	ZCM Resources S/B	No. A-695, Jalan Beserah, 25300 Kuantan	09-567 0788	Open Cast	Sungai Piol, Jerantut

#### MINERAL TENEMENT HOLDERS (ML)

No.	Lease Holder	Lease Number	Location	Mineral	Area (Hectares)	Tarikh Luput
1.	KYDYMM Sultan Hj Ahmad Shah	ML 16/2015	Sg. Baluk, Kuantan	Bauxite	80.95	31/5/2020
2.	KYDYMM Sultan Hj Ahmad Shah	ML 29/2015	Sg. Baluk, Kuantan	Bauxite	25.57	12/10/2020
3.	KDYTM Tg Abdullah ibni Sultan Hj Ahmad Shah	ML 17/2015	Sg. Air Putih, Kuantan	Bauxite	60.71	1/6/2017
4.	KDYTM Tg Abdullah ibni Sultan Hj Ahmad Shah	ML 17/2015	Sg. Air Putih, Kuantan	Bauxite	60.71	1/6/2017
5.	YAM Tg Hajjah Aishah bt Sultan Hj Ahmad Shah	ML 32/2015	Sg. Baluk, Kuantan	Bauxite	26	3/11/2017
6.	YAM Tg Abdul Aziz ibni Sultan Abu Bakar	ML 34/2016	Sg. Baluk, Kuantan	Bauxite	39.81	8/12/2017
7.	KYDYMM Sultan Hj Ahmad Shah	ML 01/2016	Sg. Baluk, Kuantan	Bauxite	13.18	19/1/2021
8.	YAM Tg Abd Rahman Tg Ahmad Shah	ML 31/2015	Bkt Goh, Kuantan	Bauxite	60.64	21/10/2017
9.	YAM Tg Nong Fatimah Bt Sul Hj Ahmad Shah	ML 20/2015	Bkt Goh, Kuantan	Bauxite	24.66	21/6/2017
10.	KDYMM Sultan Hj Ahmad Shah	ML 02/2016	Sg. Mabuk Kuantan	Bauxite	3.906	19/01/2021
11.	YAM Tg Abd Rahman Tg Ahmad Shah	ML 06/2015	Sg. Pinang, Kuantan	Bauxite	34.83	12/04/2017



12.	YAM Tg Nong Fatimah Bt Sul Hj Ahmad Shah	ML 21/2015	Sg. Perasing, Kuantan	Bauxite	10.66	22/6/2017
13.	KDYTM Tg Abdullah ibni Sultan Hj Ahmad Shah	ML 15/2015	Bkt Goh, Kuantan	Bauxite	24.77	18/5/2020
14.	YAM Tg Fahad Muadzam Shah Ibni Sultan Hj Ahmad Shah	ML 35/2015	Sg Persing, Kuantan	Bauxite	17.74	20/4/2017
15.	Persatuan Bola Sepak Daerah Kuantan	ML 23/2015	Gebeng, Kuantan	Bauxite	18.67	23/6/2017
16.	Persatuan Bola Sepak Daerah Kuantan	ML 22/2015	Gebeng, Kuantan	Bauxite	17.17	23/6/2017
17.	Persatuan Bolasepak Daerah Kuantan	ML03/2016	Sg Jabur, Kuantan	Bauxite	8.068	3/2/2018
18.	Kurnia Jasamas S/B	ML 26/2015	Sg. Rasau, Kuantan	Bauxite	25.39	12/7/2017
19.	Mohd Hassim bin Abdullah	ML 25/2014	Sg. Bukit Panjang, Kuantan	Bauxite	62.27	25/9/2016
20.	Mohd Hassim bin Abdullah	ML 19/2014	Sg. Rasau, Kuantan	Bauxite	20.77	21/6/2017
21.	Jefri Andrian Liew Bin Abdullah	ML36/2015	Sg. Mabuk Kuantan	Bauxite	1.08	21/12/2016
22.	Asyadin Trading S/B	ML 18/2015	Sg. Rasau, Kuantan	Bauxite	161.9	1/5/2017
23.	Perbadanan Kemajuan Negeri Pahang	ML 24/2015	Lipis	Gold	118.79	7/3/2026
24.	Perbadanan Kemajuan Negeri Pahang	ML 14/2015	Penjom, Kuala Lipis	Gold	154.18	6/6/2025
25.	Perbadanan Kemajuan Negeri Pahang	ML 1/106	Penjom, Kuala Lipis	Gold	121.20	30/10/2025
26.	Perbadanan Kemajuan Negeri Pahang	ML 16/2012	Lipis	Gold	133.54	25/4/2018
28.	Perbadanan Kemajuan Negeri Pahang	MC 1/111	Sg. Kermoi, Kuala Lipis	Gold	43.015	4/5/2018
29.	Perbadanan Kemajuan Negeri Pahang	ML 08/2016	Penjom, Kuala Lipis	Gold	163.89	31/10/2018
30.	Perbadanan Kemajuan Negeri Pahang	MC 1/123	Penjom, Kuala Lipis	Gold	105.22	30/10/2016
31.	Perbadanan Kemajuan Negeri Pahang	MC 1/124	Sg. Kermoi, Kuala Lipis	Gold	40.34	27/3/2017
32.	Perbadanan Kemajuan Negeri Pahang	ML 11/2010	Penjom, Kuala Lipis	Gold	81.31	12/10/2020
33.	Perbadanan Kemajuan Negeri Pahang	ML 12/2010	Penjom, Kuala Lipis	Gold	20.42	6/10/2020
34.	Perbadanan Kemajuan Negeri Pahang	ML 13/2010	Penjom, Kuala Lipis	Gold	7.00	12/10/2020
35.	Perbadanan Kemajuan Negeri Pahang	ML 14/2010	Penjom, Kuala Lipis	Gold	70.75	12/10/2020
36.	Perbadanan Kemajuan Negeri Pahang	ML 15/2010	Penjom, Kuala Lipis	Gold	141.69	12/10/2020
37.	Perbadanan Kemajuan Negeri Pahang	ML 02/2011	Penjom, Kuala Lipis	Gold	80.83	15/2/2016
38.	Perbadanan Kemajuan Negeri Pahang	ML 07/2011	Sungai Kermoi Kuala Lipis	Gold	91.52	28/3/2021

39.	Perbadanan Kemajuan Negeri Pahang	ML 11/2009	Sungai Merbau, Kuala Lipis	Gold	186.90	28/6/2019
40.	Perbadanan Kemajuan Negeri Pahang	ML 12/2012	Sungai Kermoi Kuala Lipis	Gold	157.2	11/2/2021
41.	Perbadanan Kemajuan Negeri Pahang	ML 17/2014	Lipis	Gold	20.23	25/4/2016
42.	Perbadanan Kemajuan Negeri Pahang	ML 08/2008	Sg. Timah, Lipis	Gold	162.3	25/4/2016
43.	Able Return S/B	ML 05/2000	Sg. Kermoi, Kuala Lipis	Gold	32.30	3/12/2017
44.	Angkasa Casa S/B	ML 2/2014	Sg. Kasai, Lipis	Gold	200	12/01/2024
45.	YAM Tengku Fahad Ibni Sultan Ahmad Shah Al-Musta'in Billah	ML 07/2016	Bukit Kenderak, Lipis	Gold	101.20	11/5/2018
46.	Kinta Tiasa S/B	ML 05/2010	Sungai Penyadap, Kuala Lipis	Gold	24.99	9/2/2017
47.	Sri Damai Indah Enterprise S/B	ML 12/2015	Luit, Maran	Iron Ore, Galena, Gold	61.09	23/4/2017
48.	Sri Damai Indah Enterprise S/B	ML 13/2015	Luit, Maran	Iron Ore, Galena, Gold	13.88	23/4/2017
49.	One World Mining S/B	ML 03/2012	Sg Kemuning, Pekan	Iron Ore, Galena	200.1	8/2/2017
50.	Angkasa Perspektif Sdn Bhd	ML 16/2010	Bkt Pesagi	Iron Ore	81.09	28/10/2016
51.	YAM Tg Tan Sri Hajjah Meriam Bt Sul Hj Ahmad Shah	ML 20/2014	Bkt Mercung Rompin	Iron Ore	40	7/7/2016
52.	Bayu Mining S/B	ML 1/2014	Sg Rawit, Temerloh	Iron Ore	40.33	8/6/2018
53.	Perbadanan Kemajuan Negeri Pahang	ML 01/2014	Bkt Batu, Kuantan	Iron Ore	83.43	12/12/2023
54.	Esperance Mining S/B	ML 04/2012	Bukit Ibam, Rompin	Iron Ore	116.95	6/3/2017
55.	MK Ria (M) S/B	ML 01/2008	Batu Yon, Kuala Lipis	Iron Ore	116.90	10/9/2017
56.	Perbadanan Kemajuan Negeri Pahang	ML06/2014	Bkt Batu, Kuantan	Iron Ore	202.4	18/2/2023
57.	Keris Daulat S/B	ML 16/2009	Sungai Tembi, Bera	Iron Ore	80.92	8/11/2016
58.	Mentiga Mining S/B	ML 18/2009	Sungai Kelubung, Kuala Lipis	Iron Ore	109.22 & 36.19	27/12/2016
59.	YM Tengku Sharipudin, YM Raja Abu Bakar Shah bin Dato' Raja Jalil Shah, YM Engku Omar bin Engku Moreh	ML 01/2010	Kampung Baru, Jerantut	Iron Ore	23.58	17/1/2019
60.	Sg Teh Mining S/B	ML03/2013	Sg Diam, Jerantut	Iron Ore	80	27/1/2018
61.	Lanchang Mining S/B	ML 03/2010	RTK Sungai Batu, Maran	Iron Ore	41.82	25/1/2019
62.	Giatras S/B	ML 14/2010	Bukit Tunggal, Maran	Iron Ore	123.69	20/10/2017
63.	Esty Development & Construction S/B	ML 04/2010	Sungai Bekapor, Kuantan	Iron Ore	68.26	20/4/2017
64.	Miva Bina Consult S/B	ML07/2014	Bkt Bangkong, Kuantan	Iron Ore	27.56	18/2/2018

65.	Persatuan Bolasepak Daerah Kuantan	ML 08/2010	Sungai Panching Utama, Kuantan	Iron Ore	9.613	25/9/2017
66.	Gema Impak S/B	ML 17/2010	Sungai Cipai, Rompin	Iron Ore	135.99	14/12/2016
67.	Syarikat Ratna Pura S/B	ML 05/2011	Sungai Timun, Rompin	Iron Ore	194.224	16/3/2018
68.	Cermat Aman S/B	ML 08/2011	Mengapur, Kuantan	Iron Ore, Copper, Gold	185.19	31/5/2017
69.	Rapat Teguh S/B	ML 10/2011	Sungai Bekapor, Kuantan	Iron Ore	65.70	31/3/2107
70.	Dato' Dr. Hj. Abd. Wahid Bin Abd. Manap	ML 14/2011	Bukit Sagu 6, Kuantan	Iron Ore	209.35	8/9/2018
71.	Perbadanan Kemajuan Negeri Pahang	ML 17/2011	Chini, Pekan	Iron Ore, Manganese	71.46	16/5/2022
72.	Perbadanan Kemajuan Negeri Pahang	ML 09/2015	Chini, Pekan	Iron Ore, Manganese	32.23	16/7/2018
73.	YAM Tengku Fahad Ibni Sultan Ahmad Shah Al-Musta'in Billah	ML 16/2011	Bkt Ketaya, Pekan	Iron Ore, Manganese	141.8	2/10/2016
74.	Sri Hisham Holding S/B	ML 05/2009	Sungai Serai, Rompin	Kaolin	6.070	23/2/2029
75.	Ladang Jelita S/B	ML 09//2012	Bkt Sagu 5, Kuantan	Manganese	13.7	10/5/2017
76.	Agenda Jitu S/B	ML 09/2000	Sungai Pertang, Bentong	Tin Ore	20.27	21/8/2017
77.	Perbadanan Kemajuan Negeri Pahang	ML 13/2012	Gagak, Kuantan	Tin Ore	250	25/9/2017
78.	Perbadanan Kemajuan Negeri Pahang	ML 03/2013	Sg Lembing, Kuantan	Tin Ore	182.2	24/3/2018
79.	SL Tin S/B	ML 09/2013	Sg. Lembing, Kuantan	Tin Ore	267.3	16/10/2028
80.	Jenwen S/B	ML 12/2011	Sungai Semantut, Bentung	Tin Ore	30.35	30/7/2016

### MINERAL TENEMENT HOLDERS (PML)

No.	Lease Holder	Lease Number	Location	Mineral	Area (Hectares)	Tarikh Luput
1.	YAM Tg Abd Rahman Tg Ahmad Shah	PML 02/2016	Keratong, Rompin	Iron Ore, Bauxite	100	19/5/2018
2.	Sinar Tani S/B	PML 21/2009	Gambang, Kuantan	Iron Ore, Bauxite	27.74	28/12/2018
3.	Lembaga Kemajuan Tanah Persekutuan (FELDA)	PML 03/2010	Felda Selandang 3, Rompin	Iron Ore, Bauxite	7.67	3/3/2017
4.	Kotasas Sdn Bhd	PML 01/2016	Kuantan	Bauxite	100	10/3/2018
5.	Abdul Rahman Bin Taib	PML 04/2015	Bkt Goh, Kuantan	Bauxite	3.157	21/9/2016
6.	Mohd Shamsuddin Bin Draman	PML 05/2015	Bkt Goh, Kuantan	Bauxite	2.925	21/9/2016

7.	Abd Jalil Bin Abd Razak	PML 03/2015	Bkt Goh, Kuantan	Bauxite	3.923	17/6/2016
8.	Dato Sri Chee Chan Yau @ Cheah Chan Yau	PML 08/2015	Sg Karang, Kuantan	Bauxite	31.313	28/12/2017
9.	Abd Jamal Bin Ishak	PML 07/2015	Bkt Goh, Kuantan	Bauxite	4.034	28/9/2017
10.	Ismail Bin Che Lah	PML 06/2015	Bkt Goh, Kuantan	Bauxite	4.029	28/9/2017
11.	Adnan Bin Mohammad @ Mohd Din	PML09/2015	Bkt Goh, Kuantan	Bauxite	4.032	03/12/2017

### MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Aras Kuasa S/B	Iron Ore	China
2.	Bakti Juwita S/B	Iron Ore	China
3.	Cermat Aman S/B	Iron Ore	China
4.	Edubest Resources S/B	Iron Ore	China
5.	Esperance Mining S/B	Iron Ore	China
6.	Glory Iron Mining S/B	Iron Ore	China
7.	Golden Century Synergies S/B	Iron Ore	China
8.	Ibam Mining S/B	Iron Ore	China
9.	Jalur Galian S/B	Iron Ore	China
10.	Jelam Resources S/B	Iron Ore	China
11.	Lanchang Mining S/B	Iron Ore	China
12.	Mega Well S/B	Iron Ore	China
13.	Memori Bintang (M) S/B	Iron Ore	China
14.	Miva System S/B	Iron Ore	China
15.	Phoenix Lake S/B	Iron Ore	China
16.	Safemine Minerals S/B	Iron Ore	China
17.	Sinar Tani S/B	Iron Ore	China
18.	Memori Bintang (M) S/B	Iron Ore, Manganese	China
19.	RK Sejiwa Wibawa (M) S/B	Iron Ore, Manganese	China
20.	Fusan Clays & Glazes S/B	Kaolin	China, Bangladesh



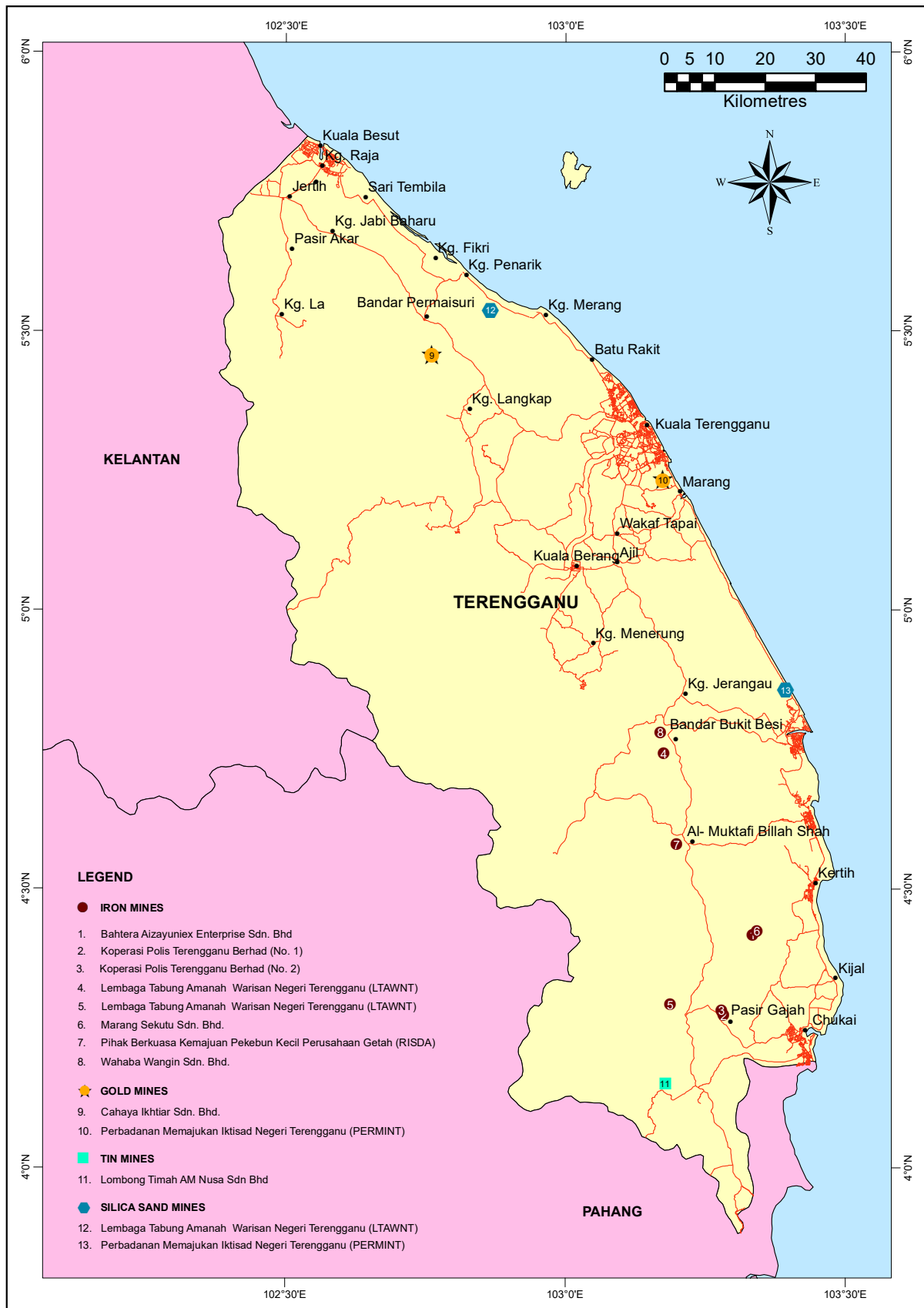


# **TERENGGANU**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**

**LOKASI LOMBONG NEGERI TERENGGANU, 2016**  
 Location of Mines in Terengganu, 2016



## DIRECTORY OF TERENGGANU

### TIN MINE

No.	Mine	Address	Contact No.	Method	Location
1.	Lombong Timah AM Nusa S/B	KM29, Jalan Air Puteh, 24050 Kemaman	019-9856045	Open Cast	Sg. Kemaman, Kemaman

### IRON MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Koperasi Polis Terengganu Berhad (No. 1)	No. 3664, Taman Rashidah Chendering, 21080 Kuala Terengganu	019 -9863918/ 09-6171421	Open Cast	Kg. Machang Setahun, Tebak, Kemaman
2.	Koperasi Polis Terengganu Berhad (No. 2)	No. 3664, Taman Rashidah Chendering, 21080 Kuala Terengganu	019 - 986 3918/ 09-6171421	Open Cast	Kg. Machang Setahun, Tebak, Kemaman
3.	Bahtera Aizayuniex S/B	1602, Kampung Pengadang Baru, 20050 Kuala Terengganu	013- 3453357/ 09-6205124	Open Cast	Seri Bandi Hulu Chukai, Kemaman
4.	Lombong Besi 60027 – LTAWNT	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT), 61 & 62, Paya Keladi, Jalan Banggol, 20100 Kuala Terengganu.	012-9491766/ 09 6276290	Open Cast	Bukit Besi, Dungun
5.	Lombong Besi 60279 – LTAWNT	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT), 61 & 62, Paya Keladi, Jalan Banggol, 20100 Kuala Terengganu	011-29298755 / 09-6276290	Open Cast	Sg. Keladi, Kemaman
6.	Marang Sekutu S/B	No. 814, Jalan Sultan Mahmud, 20400 Kuala Terengganu	019-273 9707	Open Cast	Sri Bandi, Kemaman
7.	RISDA Terengganu	Pihak Berkuasa Kemajuan Pekebun Kecil, Perusahaan Getah (RISDA), Pejabat Ketua Pengarah RISDA, Tingkat 12, Ibu Pejabat RISDA, Jalan Ampang, Karung Berkunci 11067, 50990 Kuala Lumpur.	019-2609902/ 019 9155448	Open Cast	Hulu Paka, Dungun
8.	Wahaba Wangin S/B	No. 219, Tingkat 1, Wisma MCA, Jalan Sultan Zainal Abidin, 20000 Kuala Terengganu, Terengganu.	09 – 828 6410	Open Cast	Bukit Besi, Dungun



## GOLD MINES

No.	Mine	Address	Contact No.	Method	Location
1.	Cahaya Ikhtiar S/B	No.9, Jalan Kampung Dalam, 20000 Kuala Terengganu	019 – 373 3688	Open Cast	Sg. Tarom, Setiu
2.	Perbadanan Kemajuan Iktisad Negeri Terengganu (PERMINT)	Perbadanan Kemajuan Iktisad Negeri Terengganu Tingkat 14, Menara PERMINT, Jalan Sultan Ismail, 20200 Kuala Terengganu	09 - 622 2155 019 – 990 7112	Open Cast	Lubuk Mandi, Marang

## SILICA SAND MINES

No.	Mine	Address	Contact No.	Method	Location
1.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT), 61 & 62, Paya Keladi, Jalan Banggol, 20100 Kuala Terengganu	011-29298755 / 09-6276290	Open Cast	Bari Darat, Chalok, Setiu
2.	Perbadanan Kemajuan Iktisad Negeri Terengganu (PERMINT)	Perbadanan Kemajuan Iktisad Negeri Terengganu Tingkat 14, Menara PERMINT, Jalan Sultan Ismail, 20200 Kuala Terengganu	09 - 622 2155 019 – 990 7112	Open Cast	Bkt. Semanyok, Dungun

## MINERAL TENEMENT HOLDERS (ML)

No.	Lease Holder	Lease No.	District	Minerals	Area (Hectares)	Expiry Date
1.	PERMINT	ML 1/2007	Sg. Kerak, Rusila	Gold	97	05.03.2017
2.	Cahaya Ikhtihar S/B	ML 3/2015	Sungai Tarom, Hulu Setiu, Setiu	Gold	199.3	17.05.2020
3.	Cahaya Ikhtihar S/B	ML 4/2015	Sungai Tarom, Hulu Setiu, Setiu	Gold	199.3	17.05.2020
4.	PERMINT	ML 2/2007	Lubuk Mandi, Marang	Gold	131	05.03.2017
5.	RAP Resources S/B	ML 9/2016	Sg. Katong, Hulu Nerus	Gold	30.63	24.10.2021
6.	Nangor Ilmenite S/B	ML 1/2012	Kg. Bukit, Pengkulu Diman, Hulu Terengganu	Ilmenite	28.40	19.06.2017
7.	Nangor Ilmenite S/B	ML 2/2012	Kg. Bukit, Pengkulu Diman, Hulu Terengganu	Ilmenite	27.59	19.07.2017
8.	Koperasi Polis Terengganu Berhad	ML 1/2008	Kg. Machang Setahun, Kemaman	Iron Ore	40.47	08.01.2018
9.	Telok Kalong Construction & Development.	ML 2/2008	Kg. Machang Setahun, Tebak, Kemaman	Iron Ore	40.47	05.02.2018

10.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 1/2014	Sg. Keladi, Tebak, Kemaman	Iron Ore	40.51	15.03.2019
11.	Cahaya Ikhtiar S/B	ML 2/2009	Bukit Besi, Jerangau, Dungun	Iron Ore	40.00	04.07.2019
12.	Wahaba Wangin S/B	ML 3/2009	Batu Tiga, Jerangau, Dungun	Iron Ore	36.46	22.07.2019
13.	TBM Mineral S/B	ML 4/2009	Bukit Besi, Jerangau, Dungun	Iron Ore	24.90	03.11.2019
14.	MKD Makmur S/B	ML 1/2010	Bandi, Kemaman	Iron Ore	40.02	10.02.2020
15.	Bahtera Aizayuniex Enterprise S/B	ML 2/2013	Seri Bandi, Hulu Cukai, Kemaman	Iron Ore	20.35	19.01.2018
16.	Bahtera Aizayuniex Enterprise S/B	ML 3/2013	Seri Bandi, Hulu Cukai, Kemaman	Iron Ore	26.95	19.01.2018
17.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 4/2013	Bkt. Besi, Jerangau, Dungun	Iron Ore	244	19.01.2018
18.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 5/2013	Bkt. Besi, Jerangau, Dungun	Iron Ore	232.5	17.03.2018
19.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 6/2013	Bkt. Besi, Jerangau, Dungun	Iron Ore	10.94	17.03.2018
20.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 7/2013	Bkt. Besi, Jerangau, Dungun	Iron Ore	282.2	17.03.2018
21.	TKC SDN. BHD	ML 8/2013	Kg. Machang Setahun, Tebak, Kemaman	Iron Ore	12.2	20.04.2018
22.	Marang Sekutu S/B	ML 9/2013	Sg. Pelandok Mati & Sg. Ibok, H.Cukai, Kemaman	Iron Ore	40.07	03.11.2018
23.	Srijaya Kristal S/B	ML 10/2013	Sg. Simpang, Bandi, Kemaman	Iron Ore	39.75	03.11.2018
24.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 11/2013	Sg. Simpang, Bandi, Kemaman	Iron Ore	40	17.11.2018
25.	FELCRA	ML 1/2015	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	28	01.04.2020
26.	FELCRA	ML 2/2015	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	35.1	01.04.2020
27.	FELCRA	ML 5/2015	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	28.18	09.06.2020
28.	FELCRA	ML 6/2015	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	35.04	09.06.2020

29.	Platinum Oil & Gas S/B	ML 7/2015	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	36.3	02.11.2020
30.	Kondisi Gemilang S/B	ML 8/2015	Felcra Sri Bandi, Hulu Chukai, Kemaman	Iron Ore	10.49	04.11.2020
31.	Kondisi Gemilang S/B	ML 9/2015	Felcra Sri Bandi, Hulu Chukai, Kemaman	Iron Ore	8.942	04.11.2020
32.	Kondisi Gemilang S/B	ML 10/2015	Felcra Sri Bandi, Hulu Chukai, Kemaman	Iron Ore	10.56	04.11.2020
33.	Estrella Lieva	ML 1/2016	Bukit Bandi, Kemaman	Iron ore	60	31.01.2021
34.	Naluri Jantayu S/B	ML 2/2016	Bukit Panjang, Bandi, Kemaman	Iron Ore	34.69	14.03.2021
35.	Naluri Jantayu S/B	ML 3/2016	Bukit Panjang, Bandi, Kemaman	Iron Ore	19.62	14.03.2021
36.	DJ mine Group S/B	ML 4/2016	Sg. Buluh Nipis, Tebak, Kemaman	Iron Ore	34.53	02.04.2021
37.	Kondisi Gemilang S/B	ML 5/2016	Seri Bandi, Hulu Chukai, Kemaman	Iron Ore	14.24	24.04.2021
38.	Eastern Steel Mineral S/B	ML 6/2016	Kg. Bujal, Hulu Chukai, Kemaman	Iron Ore	19.85	22.05.2021
39.	SK Empire S/B	ML 7/2016	Sg. Rengat, Hulu Paka, Dungun	Iron Ore	43.51	12.06.2021
40.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 8/2016	Bukit Besi, Jerangau, Dungun	Iron Ore	121.10	09.08.2021
41.	PERMINT	ML 4/2010	Bkt. Semanyok, Dungun	Silica Sand	68.03	09.03.2021
42.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 2/2014	Bari Darat, Chalok, Setiu.	Silica Sand	888.16	26.05.2035
43.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	ML 3/2014	Bari Darat, Chalok, Setiu.	Silica Sand	29.23	26.05.2035
44.	AM Nusa S/B	ML 1/2011	Sg. Senik, Kemaman	Tin Ore	39.60	07.05.2016
45.	AM Nusa S/B	ML 2/2011	Sg. Senik, Kemaman	Tin Ore	40.00	04.12.2016
46.	Induk Timur	ML 6/2010	Sg. Dabong, Kemaman	Tin Ore	39.05	27.03.2021
47.	Sumacon Engineering S/B	ML 1/2013	Sg. Gala, Jengai, Dungun	Tin Ore	37.93	19.01.2018

**MINERAL TENEMENT HOLDERS (PML)**

No.	Lease Holder	Lease No.	District	Minerals	Area (Hectares)	Expiry Date
1.	Lembaga Tabung Amanah Warisan Negeri Terengganu (LTAWNT)	PML 1/2008	Bukit Chetai, Tersat, Hulu Terengganu	Dimension Stone	105	02.04.2018
2.	Cahaya Ikhtiar S/B	PML 2/2012	Sg. Tarom, Hulu Setiu, Setiu	Gold	91.2000	08.07.2017
3.	Cahaya Ikhtiar S/B	PML 3/2012	Sg. Tarom, Hulu Setiu, Setiu	Gold	216.0000	08.07.2017
4.	Awang @ Jusoh Kechik Zawiah Kechik	PML 6/2011	Bkt. Tempurung, Besut	Iron Ore	0.62	24.05.2016
5.	Azmi Omar	PML 5/2011	Gong Tok Chil, Besut	Iron Ore	1.13	28.05.2016
6.	Habsah Binti Abd. Manaf	PML 7/2011	Kerandang, Besut	Iron Ore	1.26	24.05.2016
7.	Hanafi Bin Yasin	PML 1/2016	Seri Bandi, Kemaman	Iron Ore	4.043	18.06.2021
8.	Ismail Bin Husin	PML 7/2013	RTP padang Terap 1, Hulu Cukai	Iron Ore	5.442	12.10.2018
9.	Ketengah Perwira S/B	PML 6/2013	Sg. Senduk, Hulu Chukai, Kemaman	Iron Ore	39.67	06.05.2018
10.	Koperasi Polis Terengganu Berhad	PML 1/2007	Kg. Machang Setahun, Tebak, Kemaman	Iron Ore	10	15.12.2017
11.	Ladang Rakyat Terengganu S/B	PML 9/2013	Lot 68 Ladang Rakyat Terengganu	Iron Ore	16.38	23.12.2018
12.	Ladang Rakyat Terengganu S/B	PML 10/2013	Lot 68 Ladang Rakyat Terengganu,	Iron Ore	14.35	23.12.2018
13.	Ladang Rakyat Terengganu S/B	PML 11/2013	Lot 68 Ladang Rakyat Terengganu,	Iron Ore	14.38	23.12.2018
14.	Madiyah Binti Endut	PML 8/2013	RTP Padang Terap 1, Hulu Cukai	Iron Ore	2.4733	12.10.2018
15.	Majid Bin Sulaiman	PML 1/2011	Gong Tok Chir, Besut	Iron Ore	0.76	28.05.2016
16.	Manis @ Mahani Binti Besar	PML 5/2013	RTP Pdg. Terap, Hulu Cukai, Kemaman	Iron Ore	2.4763	06.05.2018
17.	Mat Hussin Ismail	PML 3/2011	Bkt. Tempurung, Besut	Iron Ore	0.56	28.05.2016
18.	Mohammad Bin Abdullah	PML 4/2013	RTP Pdg. Terap, Hulu Cukai, Kemaman	Iron Ore	2.5595	06.05.2018

19.	Ngah Bin Hamzah	PML 3/2013	RTP Pdg. Terap, Hulu Cukai, Kemaman	Iron Ore	2.5846	06.05.2018
20.	Nordin Bin Radin	PML 8/2011	RTP. Bkt. Tepus, Dungun	Iron Ore	2.45	29.05.2016
21.	Omar Bin Awang Besar	PML 10/2011	Kerandang, Besut	Iron Ore	1.22	21.06.2016
22.	Razadi Bin Mamat	PML 4/2016	Seri Bandi, Kemaman	Iron Ore	4.042	18.06.2021
23.	Reduwan Bin Mat Hassan	PML 3/2016	Seri Bandi, Kemaman	Iron Ore	4.042	18.06.2021
24.	Reezan Plantation S/B	PML 1/2010	Sg. Keladi, Tebak, Kemaman	Iron Ore	60.73	10.02.2020
25.	RISDA	PML 1/2014	Ladang RISDA Terengganu Tengah 5, Hulu Paka, Dungun	Iron Ore	27.22	01.01.2019
26.	Rohani Binti Mat Yazid	PML 9/2011	Kg. Tasik Jahar, Besut	Iron Ore	0.86	11.06.2016
27.	Rokiah Binti Salim	PML 2/2013	RTP Pdg. Terap, Hulu Cukai, Kemaman	Iron Ore	2.6708	06.05.2018
28.	Roslan Bin Mat Tahar	PML 1/2012	Kg. Paman, Pasir Semit, Kemaman	Iron Ore	2.5738	15.05.2017
29.	Roslan Bin Mohamed	PML 2/2016	Seri Bandi, Kemaman	Iron Ore	4.042	18.06.2021
30.	Sanawi Bin Ismail	PML 5/2016	Seri Bandi, Kemaman	Iron Ore	4.042	18.06.2021
31.	Siti Rokiah Binti Salleh	PML 1/2013	Kg. Santong, Kuala Paka, Dungun	Iron Ore	3.163	04.01.2018
32.	Wan Azizah Wan Abdul Latif	PML 4/2011	Bkt. Tempurung, Besut	Iron Ore	0.42	23.05.2016
33.	Zawawi Mat Salleh	PML 2/2011	Petai Rendang, Besut	Iron Ore	2.76	24.05.2016
34.	Ketengah Jaya S/B	PML 6/2016	Ladang Ketengah Jaya	Limestone	31.99	25.10.2021

### MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Serijaya Kristal S/B	Bauxite, Iron Ore	China
2.	Wahaba Wangin S/B	Iron Ore	China
3.	Treasure Mining Development S/B	Iron Ore	China
4.	Lanchang Mining S/B	Iron Ore	China
5.	Geomagai (MAL) S/B	Iron Ore	China
6.	L&N Enterprise	Iron Ore, Manganese Ore	Hong Kong

### MINERAL PROCESSING FACTORIES

No.	Licences Holder	Address	Location	Raw Material	Source
1.	Huntsman P&A Asia S/B	Lot. 8899, Telok Kalong Industrial State	Kemaman	Ilmenite Sulphuric Acid Tetrachloride Scrap Iron	Mauritius Switzerland UK Johor
2.	Sibelco Asia Group (Kemaman)	Lot. 3366, Telok Kalong Industrial State	Kemaman	Limestone	Pahang





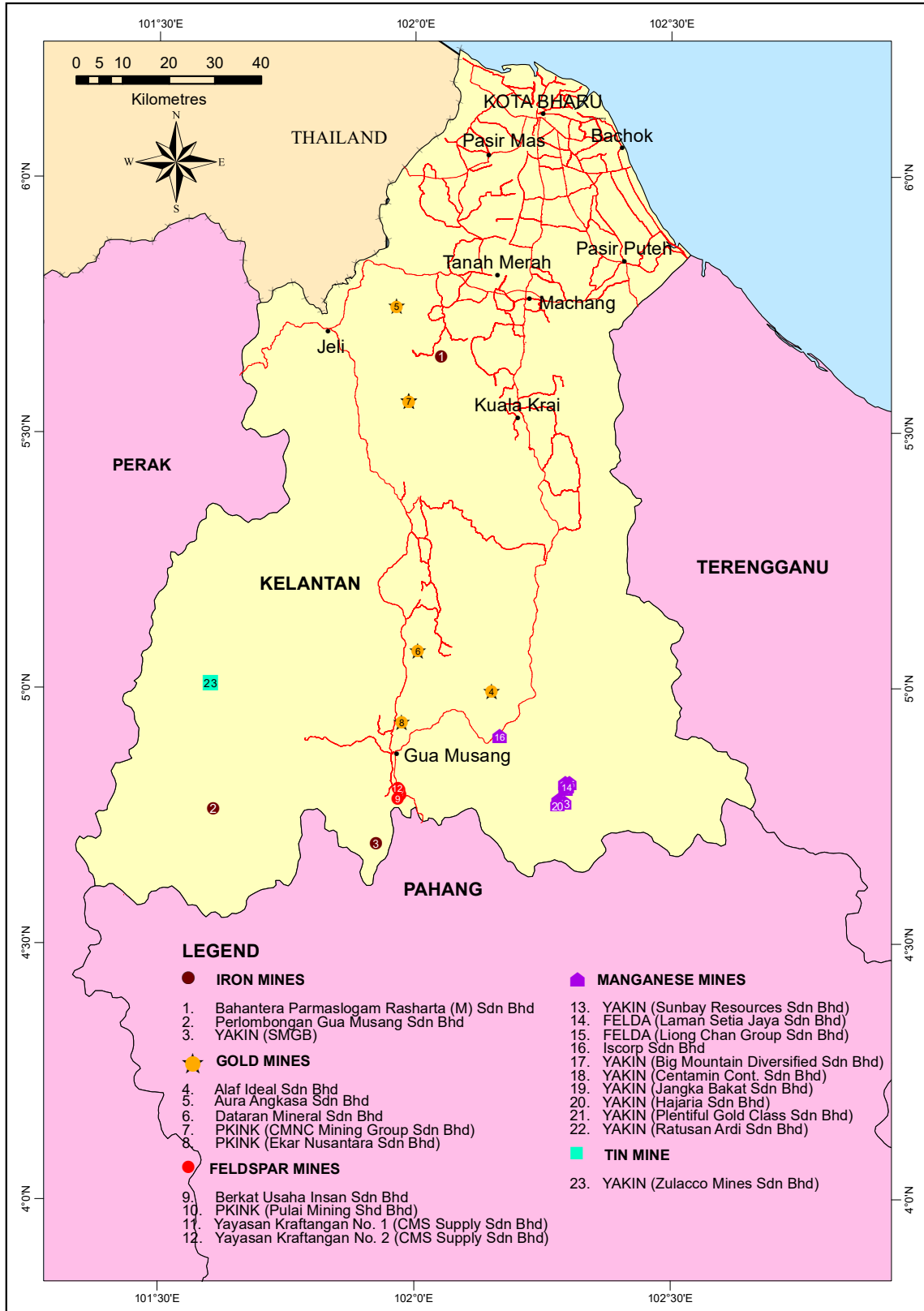
# **KELANTAN**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**



**LOKASI LOMBONG NEGERI KELANTAN, 2016**  
 Location of Mines in Kelantan, 2016



## DIRECTORY OF KELANTAN

### GOLD MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Alaf Ideal S/B	No. 4706-D, Tingkat 1, Taman Maju, Jalan Long Yunus, 15200 Kota Bahru	09 – 7438121	Open Cast	Chiku, Gua Musang
2.	Aura Angkasa S/B	Lot 2227, Tingkat 1, Jalan Long Yunus, 15200 Kota Bharu,	09-7419872	Open Cast	Sokor, Tanah Merah
3.	Dataran Mineral S/B	DD 247, Perumahan JPN, Taman Padang Tembak, 16100 Kota Bharu	019-4479876	Open Cast	Sg. Galas, Gua Musang
4.	PKINK (CMNC Mining Group S/B)	No. 9 <sup>th</sup> - 11 <sup>th</sup> Floor, Bangunan PKINK, Jalan Tengku Maharani, 15710 Kota Bahru	09 - 7414141	Open Cast	Sokor, Tanah Merah
5.	PKINK (Ekar Nusantara S/B )	No. 9 <sup>th</sup> - 11 <sup>th</sup> Floor, Bangunan PKINK, Jalan Tengku Maharani, 15710 Kota Bahru	09 - 741 4141	Open Cast	Sg. Galas, Gua Musang

### FELDSPAR MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Berkat Usaha Insan S/B	Lot. 1952/334, Lorong Desa Kandis, Kampung Anak Sungai, Pengkalan Chepa, 16000 Kota Bahru	09 - 7730128	Open Cast	Tanah Putih, Gua Musang
2.	PKINK (Pulai Mining S/B)	No. 9 <sup>th</sup> - 11 <sup>th</sup> Floor, Bangunan PKINK, Jalan Tengku Maharani, 15710 Kota Bahru	09 - 7414141	Open Cast	Tanah Putih, Gua Musang
3.	Yayasan Kraftangan S/B (CMS Supply S/B)	Kampung Kraftangan, Taman Hilir Balai, 15300 Kota Bahru	09 - 7443949	Open Cast	Tanah Putih, Gua Musang
4.	Yayasan Kraftangan S/B (CMS Supply S/B)	Kampung Kraftangan, Taman Hilir Balai, 15300 Kota Bahru	09 - 7443949	Open Cast	Tanah Putih, Gua Musang

## MANGANESE MINES

No.	Mines	Address	Contact No.	Method	Location
1.	FELDA (Laman Setia Jaya Enterprise)	Ibu Pejabat FELDA, Wisma FELDA, Jalan Gurney, 5400 Kuala Lumpur	03-26172617	Open Cast	Aring 5, Gua Musang
2.	FELDA (Liong Shan Group)	Ibu Pejabat FELDA, Wisma FELDA, Jalan Gurney, 5400 Kuala Lumpur	03-26172617	Open Cast	Chiku, Gua Musang
3.	Iscorp S/B	No. L-1, Tingkat 5, Wisma Ilmu, Bangunan Tabung Haji, Jalan Doktor, 15000 Kota Bahru	012-9645886	Open Cast	Chiku, Gua Musang
4.	YAKIN (Centamin Cont. S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
5.	YAKIN (Sunbay Resources S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
6.	YAKIN (Plentiful Gold Class Bhd.)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
7.	YAKIN (Big Mountain Diversified S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
8.	YAKIN (Hajaria S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
9.	YAKIN (Jangka Bakat S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang
10.	YAKIN (Ratusan Ardi S/B)	No. 5 <sup>th</sup> , Kompleks Yakin, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Chiku, Gua Musang

## IRON MINES

No.	Mine	Address	Contact No.	Method	Location
1.	Bahantera Parmaslogam Rasharta (M) S/B	Pt. 264, Taman Padang Golf, Jalan Pengkalan Chepa, 16100 Kota Bahru	016-6241811	Open Cast	Sokor, Tanah Merah
2.	Perlombongan Gua Musang S/B	No. 3530, Istana Langkasuka, Morak, Wakaf Bharu, 16040 Kota Bharu	09 - 7195589	Open Cast	Bukit Tambun, Gua Musang
3.	YAKIN (SMGB Group S/B)	Tingkat 5 Kompleks YAKIN, Jalan Gajah Mati 15000, Kota Bharu, Kelantan	09-7411627	Open Cast	Galas, Gua Musang

**TIN MINE**

No.	Mine	Address	Contact No.	Method	Location
1.	YAKIN (Zulacco Mines S/B )	No. 5 <sup>th</sup> , Kompleks YAKIN, Jalan Gajah Mati, 15000 Kota Bahru	09 - 744 6127	Open Cast	Kuala Betis, Gua Musang

**MINERAL TENEMENT HOLDERS (ML)**

No.	Lease Holder	Lease No.	Location	Mineral	Area (Hectares)	Expiry Date
1.	Kelstone S/B	ML 8/2012	Lebir, Gua Musang	Barite	97.429	02.12.22
2.	Triangle Range S/B	ML 1/2008	Bukit Penchuri, Tanah Merah	Barite/ Iron Ore	17.81	26.02.18
3.	Utas Sanjung S/B	ML 18/2009	Temangan, Machang	Dimension Stone	149.8	31.08.19
4.	Sykt. Perlombongan Gua Musang S/B	ML 2/2014	Ulu Nenggiri, Gua Musang	Dimension stone	40.47	18.01.24
5.	Embun Pertiwi S/B	ML 6/2015	Chiku, Gua Musang	Dimension Stone	100.00	19.04.20
6.	PKINK	ML 7/2005	Galas, Gua Musang	Feldspar	15.41	19.11.20
7.	Berkat Usaha Insan S/B	ML 2/2006	Tanah Putih, Gua Musang	Feldspar	8.46	30.05.16
8.	Yayasan Kraftangan	ML 6/2006	Tanah Putih, Gua Musang	Feldspar	9.28	13.09.21
9.	Yayasan Kraftangan	ML 7/2006	Tanah Putih, Gua Musang	Feldspar	39.91	13.09.16
10.	WMZ Resources S/B	ML 6/2014	Galas, Gua Musang	Feldspar	70.00	26.02.19
11.	PKINK	ML 4/2005	Sg. Ketil, Jeli	Gold	161.9	11.04.17
12.	PKINK	ML 5/2006	Sokor, Tanah Merah	Gold	364.4	12.07.24
13.	PKINK	ML 8/2006	Dabong, Kuala Krai	Gold	114.1	22.11.16
14.	PKINK	ML 3/2007	Sokor, Tanah Merah	Gold	57.18	13.07.24
15.	PKINK	ML 5/2007	Galas, Gua Musang	Gold	121.6	28.10.17
16.	PKINK	ML 6/2007	Dabong, Kuala Krai	Gold	165.3	14.11.17
17.	PKINK	ML 7/2007	Dabong, Kuala Krai	Gold	135.3	14.11.17
18.	PKINK	ML 1/2008	Sokor, Tanah Merah	Gold	956.5	07.04.18
19.	Perlombongan Sg. Degong S/B	ML 3/2008	Jeli	Gold	99.91	04.08.18

20.	Maricom S/B	ML 6/2008	Sokor, Tanah Merah	Gold	224.2	09.09.16
21.	PKINK	ML 19/2009	Sokor, Tanah Merah	Gold	251.1	01.11.19
22.	PKINK	ML 2/2010	Sg. Galas, Gua Musang	Gold	125.9	10.04.20
23.	PKINK	ML 4/2010	Galas, Gua Musang	Gold	62.59	09.04.19
24.	PKINK	ML 1/2011	Sg. Galas, Gua Musang	Gold	188.9	06.07.16
25.	YBM Tengku Halim Al-Haj	ML 2/2012	Sokor, Tanah Merah	Gold	167.94	08.07.17
26.	Nightingale Plantations S/B	ML 5/2012	Sg. Tadoh, Jeli	Gold	15.2	14.10.17
27.	Yayasan Kraftangan	ML 2/2013	Sokor, Tanah Merah	Gold	352	09.03.18
28.	Perniagaan Hj. Abdul Rahman B. Awang	ML 9/2013	Belimbing, Jeli	Gold	202.30	08.07.18
29.	Pinji Seni (M) S/B	ML 11/2013	Jeli	Gold	194.81	07.09.16
30.	APSB Tech. Corporation S/B	ML 13/2013	Bt. Mengkebang, Kuala Krai	Gold	248.98	14.08.18
31.	Alaf Ideal S/B	ML 15/2013	Chiku, Gua Musang	Gold	27.79	07.09.16
32.	Alaf Ideal S/B	ML 16/2013	Chiku, Gua Musang	Gold	59.7	07.09.16
33.	Bayu Sri Bintang S/B	ML 20/2013	Ulu Nenggiri, Gua Musang	Gold	99.99	23.11.18
34.	GTM Indah Purnama S/B	ML 1/2014	Kuala Balah, Jeli	Gold	64.00	20.10.19
35.	PKINK	ML 3/2014	Galas, Gua Musang	Gold	30.32	26.02.24
36.	PKINK	ML 4/2014	Galas, Gua Musang	Gold	24.57	26.02.24
37.	STL East Green S/B	ML 8/2014	Jeli Tepi Sungai, Jeli	Gold	55.15	29.06.16
38.	Dataran Mineral S/B	ML 9/2014	Ulu Nenggiri, Gua Musang	Gold	135	03.08.19
39.	Taishan Titanium Ore S/B	ML 1/2015	Sokor, Tanah Merah	Gold	78.95	13.09.20
40.	Inai Teknik S/B	ML 8/2015	Air Degong, Jeli	Gold	15.03	25.05.18
41.	Inai Teknik S/B	ML 9/2015	Air Degong, Jeli	Gold	54.21	25.05.18
42.	A.H.D. Exclusive S/B	ML 10/2015	Gua Setir, Jeli	Gold	100.03	28.04.20
43.	Seyma Textile S/B	ML 16/2015	Jeli	Gold	100.00	22.06.20
44.	Aura Angkasa S/B	ML 17/2015	Jedok, Tanah Merah	Gold	200.40	22.06.20

45.	Kuasa Mewah S/B	ML 21/2015	Sokor, Tanah Merah	Gold	199.41	24.10.18
46.	PKINK	ML 22/2015	Galas, Gua Musang	Gold	49.74	14.10.25
47.	Sykt. Perlombongan Gua Musang S/B	ML 1/2009	Bkt. Tambun, Gua Musang	Iron Ore	240.1	14.01.30
48.	Tekun Istimewa S/B	ML 2/2009	Sg. Sam, Gua Musang	Iron Ore	112.1	24.01.16
49.	Sykt. Pakar Ganda S/B	ML 5/2009	Temangan, Machang	Iron Ore	1.499	21.06.19
50.	Sykt. Pakar Ganda S/B	ML 6/2009	Temangan, Machang	Iron Ore	1.609	21.06.19
51.	Sykt. Pakar Ganda S/B	ML 7/2009	Temangan, Machang	Iron Ore	2.522	21.06.19
52.	Sykt. Pakar Ganda S/B	ML 8/2009	Temangan, Machang	Iron Ore	4.109	21.06.19
53.	Sykt. Pakar Ganda S/B	ML 9/2009	Temangan, Machang	Iron Ore	4.769	21.06.19
54.	Sykt. Pakar Ganda S/B	ML 10/2009	Temangan, Machang	Iron Ore	8.675	21.06.19
55.	Sykt. Pakar Ganda S/B	ML 11/2009	Temangan, Machang	Iron Ore	21.51	21.06.19
56.	Sykt. Pakar Ganda S/B	ML 12/2009	Temangan, Machang	Iron Ore	1.441	21.06.19
57.	Sykt. Pakar Ganda S/B	ML 13/2009	Temangan, Machang	Iron Ore	2.278	21.06.19
58.	Sykt. Pakar Ganda S/B	ML 14/2009	Temangan, Machang	Iron Ore	4.127	21.06.19
59.	Sykt. Pakar Ganda S/B	ML 15/2009	Temangan, Machang	Iron Ore	2.932	21.06.19
60.	PKINK	ML 17/2009	Kuala Nal, Kuala Krai	Iron Ore	224.6	19.08.18
61.	Akademi Yakin S/B	ML 6/2010	Sg. Sam, Gua Musang	Iron Ore	242.2	02.01.18
62.	Interbumi Mining S/B	ML 2/2011	Bkt. Kuang, Rantau Panjang	Iron Ore	2.4578	21.09.18
63.	Parkiara Construction S/B	ML 1/2012	Sokor, Tanah Merah	Iron Ore	100.03	08.07.17
64.	Lintasan Unggul S/B	ML 3/2012	Sokor, Tanah Merah	Iron Ore	150.1	07.08.19
65.	Bumi Bidari S/B	ML 4/2012	Sg. Balah, Jeli	Iron Ore	150.8	07.10.17
67.	PKINK	ML 1/2013	Galas, Gua Musang	Iron Ore	179.70	02.03.18
68.	An Nur Technology Services S/B	ML 10/2013	Ulu Nenggiri, Gua Musang	Iron Ore	240.5	02.12.18
69.	Euro Saga S/B	ML 12/2013	Galas, Gua Musang	Iron Ore	180	21.08.18

70.	Neutraland Mining S/B	ML 5/2014	Sokor, Tanah Merah	Iron Ore	223.20	26.02.19
71.	Damai Corporate Services S/B	10/2014	Lojing, Gua Musang	Iron Ore	249.90	03.09.19
72.	Mykel Mine S/B	ML 7/2015	Lojing, Gua Musang	Iron Ore	60.03	20.04.20
73.	Akademi S/B	ML 11/2015	Kuala Stong, Dabong	Iron Ore	200.04	12.05.20
74.	Akademi Yakin S/B	ML 12/2015	Kuala Stong, Dabong	Iron Ore	149.93	12.05.20
75.	Mykel Mine S/B	ML 13/2015	Lojing Gua Musang	Iron Ore	99.88	13.06.20
76.	TSM Jaya Mining S/B	ML 23/2015	Dabong, Kuala Krai	Iron Ore	105.40	24.11.20
77.	TSM Jaya Mining S/B	ML 24/2015	Dabong, Kuala Krai	Iron Ore	107.35	24.11.20
78.	Laman Segmen Mining S/B	ML 25/2015	Hau, Lojing	Iron Ore	86.79	08.12.20
79.	Pelangimas Suria S/B	ML 7/2013	Galas, Gua Musang	Limestone	49.936	08.05.23
80.	YAKIN	ML 1/2006	Aring 5, Gua Musang	Manganese	93.8	10.04.20
81.	YAKIN	ML 3/2006	Aring 5, Gua Musang	Manganese	107.1	21.02.17
82.	YAKIN	ML 4/2006	Aring 5, Gua Musang	Manganese	127.8	21.02.17
84.	Alam Tasik Mining S/B	ML 14/2013	Aring 6, Gua Musang	Manganese	113.4	03.09.18
85.	One Two Nine Cash (M) S/B	ML 18/2013	Kuala Stong, Kuala Krai	Manganese	75.19	10.09.18
86.	Iscorp S/B	ML 21/2013	Chiku, Gua Musang	Manganese	32.99	17.12.18
87.	Cemara Desa S/B	ML 3/2015	Chiku, Gua Musang	Manganese	99.33	16.03.18
88.	Petri Jaya S/B	ML 5/2008	Sg. Ngchol, Gua Musang	Tin Ore	457.3	23.06.18
89.	YAKIN	ML 3/2009	Bkt. Suang, Gua Musang	Tin Ore	36.42	27.05.16
90.	Palma Sekata S/B	ML 4/2015	Olak Jeram, Kuala Krai	Tin Ore	64.60	30.03.20
91.	Palma Sekata S/B	ML 5/2015	Olak Jeram, Kuala Krai	Tin Ore	35.38	30.03.20
92.	Azam Kasturi S/B	ML 18/2015	Manek Urai, Kuala Krai	Tin Ore	73.22	26.07.20
93.	Azam Kasturi S/B	ML 19/2015	Manek Urai, Kuala Krai	Tin Ore	126.81	26.07.20

**MINERAL TENEMENT HOLDERS (PML)**

No.	Lease Holder	Lease Number	Location	Mineral	Area (Hectares)	Expiry Date
1.	Ab. Malik Bin Ab. Ghani	PML 58/2014	Kuala Stong, Kuala Krai	Iron Ore	1.837	27.09.16
2.	Ab. Osman B Setapa Hasiah Bt Setapa Mahasan B Setapa Makelthom Bt Setapa Mat Jusoh @ Abdullah B Setapa	PML 42/2013	Temangan, Machang	Iron Ore	2.790	15.04.18
3.	Ab. Rahman B. Muhamad	PML 6/2015	Lubok Setol, Pasir Mas	Iron Ore	1.32	18.05.17
4.	Ab.Rahman @ Ishak Bin Salleh	PML 64/2014	Kuala Nal, Kuala Krai	Iron Ore	2.915	30.12.16
5.	Abdul Razak Bin Isa	PML 33/2013	Temangan, Machang	Iron Ore	1.165	15.04.18
6.	Ahmed Bin Jusoh	PML 10/2014	Temangan, Machang	Iron Ore	15.782	19.04.16
7.	Aminah Bt Awang	PML 4/2014	Kuala Stong, Kuala Krai	Iron Ore	2.27	20.04.16
8.	Amir Amrri Bin Ab. Hadi	PML 4/2012	Kg. Gong Genor, Kuala Krai	Iron Ore	2.19	29.07.17
9.	Arifin Bin Muhamad	PML 54/2014	Kuala Stong, Kuala Krai	Iron Ore	1.498	21.09.16
10.	Asiah Bt Mohamed	PML 15/2014	Temangan, Machang	Iron Ore	15.782	20.04.16
11.	Bidah Bt. Haron Mohamed Nor B. Haron	PML 36/2013	Temangan, Machang	Iron Ore	2.877	20.04.18
12.	Bustaman Mohd Zin/ Mohd Salleh Mustafa	PML 9/2014	Temangan, Machang	Iron Ore	1.619	20.04.16
13.	Che Ali B. Jusoh	PML 38/2013	Temangan, Machang	Iron Ore	1.056	21.04.18
14.	Che Jah Bt. Abdullah	PML 11/2014	Temangan, Machang	Iron Ore	0.0809	20.04.16
15.	Che Ramah/Jamaliah Yaacob	PML 12/2013	Kusial, Tanah Merah	Iron Ore	2.707	17.03.16
16.	Che Ramah/Jamaliah Yaacob	PML 13/2013	Kusial, Tanah Merah	Iron Ore	3.323	17.03.16
17.	Che Wood Bin Che Abdullah	PML 7/2014	Temangan, Machang	Iron Ore	2.833	20.04.16
18.	Cuffland Resources S/B	PML 32/2012	Ketil, Galas, Gua Musang	Iron Ore	213.3	11.08.17
19.	Dollah Bin Awang	PML 3/2015	Kuala Stong, Kuala Krai	Iron Ore	2.04	08.02.17
20.	Engku Norhazira Bt. Engku Hamzah	PML 47/2013	Temangan, Machang	Iron Ore	1.415	21.04.18
21.	Eshah Bt Daud/Tijah Bt Hj Daud	PML5/2015	Lubok Setol, Pasir Mas	Iron Ore	1.49	18.05.17
22.	Eshah Bt. Mat Nor	PML 5/2013	Jedok, Tanah Merah	Iron Ore	2.765	02.02.16



23.	Ezani Bin Ghazali	PML 44/2013	Temangan, Machang	Iron Ore	1.564	21.04.18
24.	FELCRA Berhad	PML 60/2014	Lawang, Jedok	Iron Ore	27.890	20.12.19
25.	Gazali B. Seman Zaimah Bt Seman	PML 14/2013	Kusial, Tanah Merah	Iron Ore	2.408	17.03.16
26.	Ghani B. Mat Ali	PML 37/2013	Temangan, Machang	Iron Ore	1.482	20.04.18
27.	Gold Bt Awang	PML 5/2014	Kuala Stong, Kuala Krai	Iron Ore	2.67	20.04.16
28.	Hassan B. Mat Jusoh	PML 3/2013	Sokor, Tanah Merah	Iron Ore	2.426	20.01.16
29.	Hassan B. Sulaiman	PML 3/2014	Kuala Stong, Kuala Krai	Iron Ore	0.8712	12.04.16
30.	Hazuna Bt. Mohamad Zain	PML 41/2013	Temangan, Machang	Iron Ore	1.967	13.04.18
31.	Husain Bin Hamid	PML 57/2014	Kuala Stong, Kuala Krai	Iron Ore	1.624	27.09.16
32.	Ibrahim Bin Abdullah	PML 51/2014	Kuala Stong, Kuala Krai	Iron Ore	1.395	25.08.16
33.	Ibrahim Bin Abdullah	PML 52/2014	Kuala Stong, Kuala Krai	Iron Ore	2.672	25.08.16
34.	Ibrahim Bin Yaacob	PML 1/2015	Kuala Stong, Kuala Krai	Iron Ore	2.43	08.02.17
35.	Imi Sairi Bin Ab. Hadi	PML 8/2012	Kg. Gong Genor, Kuala Krai	Iron Ore	2.331	30.07.17
36.	Ishak B. Yaacob	PML 50/2013	Olak Jeram, Kuala Krai	Iron Ore	2.387	04.08.16
37.	Ismael Bin Yeng	PML 41/2014	Olak Jeram, Kuala Krai	Iron Ore	0.977	30.06.16
38.	Kamariah Bt Maun	PML 61/2014	Kuala Nal, Kuala Krai	Iron Ore	2.691	30.12.16
39.	Khosniyah Bt Che Wood	PML 8/2014	Temangan, Machang	Iron Ore	0.8093	20.04.16
40.	KSK Sawmill S/B	PML 15/2013	Bt. Melintang, Jeli	Iron Ore	207.4	26.02.18
41.	Mahadi Bin Mat Yusoff	PML 39/2014	Olak Jeram, Kuala Krai	Iron Ore	1.41	30.06.16
42.	Mat Salleh B. Awang Soh	PML 4/2013	Jedok, Tanah Merah	Iron Ore	3.035	02.02.16
43.	Mat Samsudin B. Dollah/ Abdullah	PML 46/2013	Temangan, Machang	Iron Ore	1.562	21.04.18
44.	Mat Yusoff Bin Idris	PML 40/2014	Olak Jeram, Kuala Krai	Iron Ore	2.17	30.06.16
45.	Mat Yusoff Bin Kamis	PML 62/2014	Kuala Nal, Kuala Krai	Iron Ore	1.829	30.12.16
46.	Mohamed Din B. Draman	PML 29/2013	Temangan, Machang	Iron Ore	1.059	15.04.18
47.	Mohd Dathran Bin Abdullah	PML 43/2014	Olak Jeram, Kuala Krai	Iron Ore	0.9741	01.07.16

48.	Mohd Pauzi Sidik/Rozani Mamat	PML 40/2013	Temangan, Machang	Iron Ore	2.091	20.04.18
49.	Mohd. Hanafi B. Abdullah	PML 13/2014	Temangan, Machang	Iron Ore	1.099	20.04.16
50.	Mohd. Izani Bin Mat Yusop	PML 37/2014	Olak Jeram, Kuala Krai	Iron Ore	3.03	30.06.16
51.	Mohd. Noor B. Manaf	PML 28/2013	Temangan, Machang	Iron Ore	2.990	15.04.18
52.	Muhamad Faliza B. Ramly	PML 43/2013	Temangan, Machang	Iron Ore	1.564	21.04.18
53.	Muhamad Nor Bin Ali	PML 30/2013	Temangan, Machang	Iron Ore	1.529	20.04.18
54.	Muhd. Syakil B. Muhd. Tufail	PML 9/2011	Kuala Krai	Iron Ore	96.42	06.07.16
55.	Noor Azaniati Bt Abdullah	PML 35/2014	Olak Jeram, Kuala Krai	Iron Ore	0.4262	30.06.16
56.	Noor Azilah Bt Abdullah	PML 42/2014	Olak Jeram, Kuala Krai	Iron Ore	1.072	01.07.16
57.	Noor Diran Bt. Mahmood	PML 2/2015	Kuala Stong, Kuala Krai	Iron Ore	2.82	08.02.17
58.	Noor Zuraida Bt Ab. Manaf	PML 38/2014	Olak Jeram, Kuala Krai	Iron Ore	0.6766	30.06.16
59.	Omar Bin Awang	PML 27/2013	Temangan, Machang	Iron Ore	3.237	21.04.18
60.	Perbadanan Pembangunan Ladang Rakyat N. Kelantan	PML 2/2014	Ulu Nenggiri, Gua Musang	Iron Ore	187.23	12.04.17
61.	Rashidah Hj Mahmood W.Ali W. Jaafar	PML 21/2013	Bt. Mengkebang, Kuala Krai	Iron Ore	1.144	13.04.18
62.	Razali Bin Daud	PML 19/142014	Temangan, Machang	Iron Ore	23.790	22.04.16
63.	Razali Bin Daud	PML 20/2014	Temangan, Machang	Iron Ore	0.8507	22.04.16
64.	Razali Bin Daud	PML 21/2014	Temangan, Machang	Iron Ore	0.4856	13.05.16
65.	Razali Bin Daud	PML 22/2014	Temangan, Machang	Iron Ore	2.31	11.05.16
66.	Ropiah / Zainab Bt Awing Teh	PML 6/2014	Kuala Stong, Kuala Krai	Iron Ore	2.43	20.04.16
67.	Rosdi B. Muhammad Yusof	PML 39/2013	Temangan, Machang	Iron Ore	2.278	15.04.18
68.	Sa'don B. Mohamad Nor	PML 14/2014	Temangan, Machang	Iron Ore	0.2694	20.04.16
69.	Salma Bt. Ismail	PML 11/2013	Kusial, Tanah Merah	Iron Ore	2.355	17.03.16
70.	Salmezi B. Mohamed	PML 31/2013	Temangan, Machang	Iron Ore	1.310	15.04.18
71.	Saraji Bin Ab. Hadi	PML 7/2012	Kg. Gong Genor, Kuala Krai	Iron Ore	2.138	30.07.17
72.	Siti Eshah Bt. Seman	PML 10/2013	Kusial, Tanah Merah	Iron Ore	1.394	17.03.16

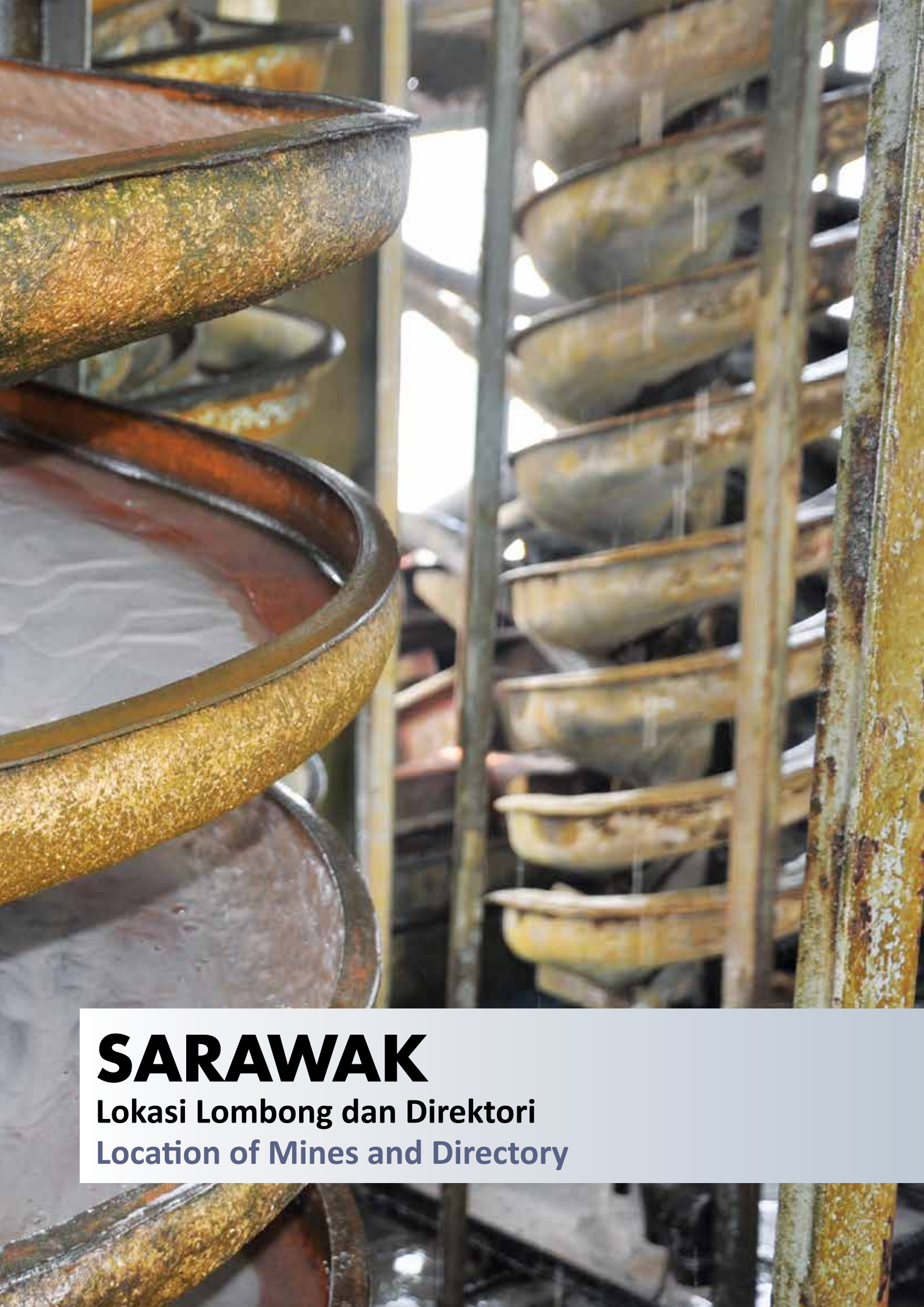
73.	Siti Hainah Bt Mamat	PML 53/2014	Kuala Stong, Kuala Krai	Iron Ore	2.514	25.08.16
74.	Siti Jenab Bt Che Hassan	PML 63/2014	Kuala Nal, Kuala Krai	Iron Ore	1.825	30.12.16
75.	Siti Norrizan Bt. Abd. Hadi	PML 5/2012	Kg. Gong Genor, Kuala Krai	Iron Ore	1.397	29.07.17
76.	Siti Norrizan Bt. Abd. Hadi	PML 6/2012	Kg. Gong Genor, Kuala Krai	Iron Ore	2.646	29.07.17
77.	Siti Pauziah Bt Yaacob	PML 45/2013	Temangan, Machang	Iron Ore	1.968	21.04.18
78.	Siti Zainab Bt Dollah	PML 55/2014	Kuala Stong, Kuala Krai	Iron Ore	2.400	22.09.16
79.	Siti Zariah @ Meraiam Bt Harun	PML 34/2013	Temangan, Machang	Iron Ore	2.679	20.04.18
80.	Tanjung Krai Sdn. Bhd.	PML 33/2012	Kuala Pahi, Kuala Krai	Iron Ore	146.8	11.08.17
81.	Tuan Mat Tuan Busu/ Tuan Wook Engku Mat	PML 44/2014	Olak Jeram, Kuala Krai	Iron Ore	2.87	30.06.16
82.	Wan Mohamad Radzali Wan Idris	PML 19/2013	Bt. Mengkebang, Kuala Krai	Iron Ore	0.7500	13.04.18
83.	Wan Zakaria Hj. Wan Sulaiman	PML 20/2013	Bt. Mengkebang, Kuala Krai	Iron Ore	1.472	15.04.18
84.	Wan Muhammad Wan Taib	PML 22/2013	Bt. Mengkebang, Kuala Krai	Iron Ore	0.7496	13.04.18
85.	Wan Mah Bt Wan Hamat	PML 35/2013	Temangan, Machang	Iron Ore	1.683	15.04.18
86.	Wan Nasrudin Wan Ismail	PML 56/2014	Kuala Stong, Kuala Krai	Iron Ore	2.816	27.09.16
87.	Wan Shah Rudden Wan Omar	PML 32/2013	Temangan, Machang	Iron Ore	2.631	21.04.18
88.	Wan Zaini B. Wan Jaafar & Rakan	PML 1/2014	Kuala Nal, Kuala Krai	Iron Ore	5.98	12.04.16
89.	Wenzhuan S/B	PML 10/2011	Galas, Gua Musang	Iron Ore	226.32	06.07.16
90.	YAKIN	PML 48/2013	Chiku, Gua Musang	Iron Ore	170	24.04.18
91.	YAKIN	PML 49/2013	Chiku, Gua Musang	Iron Ore	78	24.04.18
92.	YAKIN	PML 51/2013	Dabong, Kuala Krai	Iron Ore	142	16.09.16
93.	Yusof Bin Hamat	PML 36/2014	Olak Jeram, Kuala Krai	Iron Ore	2.42	30.06.16
94.	Zaliman Bin Zakaria	PML 12/2014	Temangan, Machang	Iron Ore	1.32	20.04.16
95.	FELDA	PML 3/2012	Aring 5, Gua Musang	Manganese	42.49	16.07.17
96.	FELDA	PML 49/2014	Aring 6, Gua Musang	Manganese	13.50	21.06.19
97.	FELDA	PML 4/2015	Aring 5, Gua Musang	Manganese	28.00	08.02.20
98.	YAKIN	PML 1/2009	Aring 5, Gua Musang	Manganese	51.57	17.10.20

99.	YAKIN	PML 2/2009	Aring 5, Gua Musang	Manganese	9	12.06.18
100.	YAKIN	PML 25/2009	Aring 5, Gua Musang	Manganese	116	26.08.19
101.	YAKIN	PML 34/2014	Aring 5, Gua Musang	Manganese	200	21.06.16
102.	YAKIN	PML 45/2014	Aring 5, Gua Musang	Manganese	89.29	09.06.17
103.	YAKIN	PML 46/2014	Aring 5, Gua Musang	Manganese	15.80	09.06.17
104.	Yayasan Amal Malaysia	PML 48/2014	Aring 6, Gua Musang	Manganese	202	18.06.18

### MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Ceramic Material Supply S/B	Feldspar	Bangladesh, Indonesia
2.	Hajaria S/B	Manganese	China
3.	Ideal Minerals S/B	Manganese	China, Indonesia
4.	Jangka Bakat S/B	Manganese	China
5.	Ratusan Ardi S/B	Manganese	China, India
6.	Setiaplex S/B	Manganese	China, Indonesia
7.	Sunbay Resources S/B	Manganese	China
8.	Plentiful Gold Class Berhad	Manganese	China
9.	SMGB Group S/B	Iron Ore	China



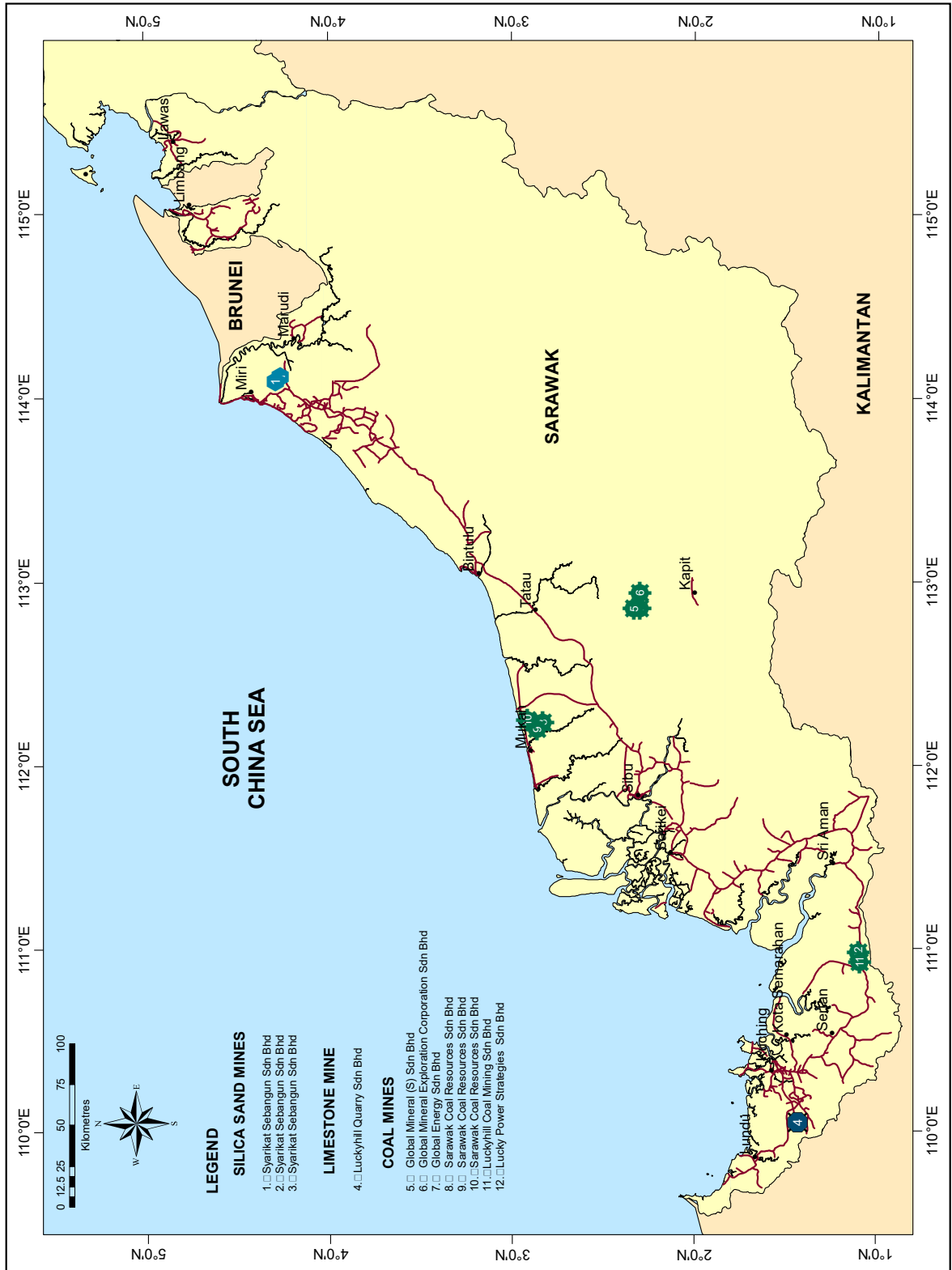


# **SARAWAK**

**Lokasi Lombong dan Direktori**

**Location of Mines and Directory**

**LOKASI LOMBONG NEGERI SARAWAK, 2016**  
 Location of Mines in Sarawak, 2016



## DIRECTORY OF SARAWAK

### SILICA SAND MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Syarikat Sebangun S/B	Off 21km, Tanjung Kidurong, Road, P.O Box 168, 97007 Bintulu	086 - 253549	Open Cast	Kuala Bakong, Miri
2.	Syarikat Sebangun S/B	Off 21km, Tanjung Kidurong, Road, P.O Box 168, 97007 Bintulu	086 - 253549	Open Cast	Ulu Linai, Baram, Miri
3.	Syarikat Sebangun S/B	Off 21km, Tanjung Kidurong, Road, P.O Box 168, 97007 Bintulu	086 - 253549	Open Cast	Sungai Bakong, Miri

### LIMESTONE MINE

No.	Mine	Address	Contact No.	Method	Location
1.	Luckyhill Quarry S/B	No. 103-104, Block M Level 3, RH Plaza Commercial Centre, Lorong Lapangan Terbang 1, 93350 Kuching	082 - 570 087	Open Cast	Bau, Kuching

### COAL MINES

No.	Mines	Address	Contact No.	Method	Location
1.	Global Mineral (S) S/B	No. 23-24, Lot 8635-36, 3 <sup>rd</sup> Floor, Jalan Simpang Tiga, 93300 Kuching	082 - 244 712	Open Cast	Tebulan, Kapit
2.	Global Mineral Exploration Corporation S/B	No. 23-24, Lot. 8635-36, 3 <sup>rd</sup> Floor, Jalan Simpang Tiga, 93300 Kuching	082 - 244 712	Open Cast	Nanga Merit, Kapit
3.	Global Energy S/B	No. 23-24, Lot. 8635-36, 3 <sup>rd</sup> Floor, Jalan Simpang Tiga, 93300 Kuching	082 - 244 712	Open Cast	Long Hill/Kapit
4.	Sarawak Coal Resources S/B	No. 65-66, 1 <sup>st</sup> Floor, Mendu Commercial Centre, 93200 Kuching	082 - 339 411	Open Cast	Bergih, Mukah
5.	Sarawak Coal Resources S/B	No. 65-66, 1 <sup>st</sup> Floor, Mendu Commercial Centre, 93200 Kuching	082 - 339 411	Open Cast	Hulu Penipah, Mukah
6.	Sarawak Coal Resources S/B	No. 65-66, 1 <sup>st</sup> Floor, Mendu Commercial Centre, 93200 Kuching	082 - 339 411	Open Cast	Sg. Badengan Kanan & Sg. Belian Mati, Mukah
7.	Luckyhill Coal Mining S/B	No. 21 <sup>st</sup> Floor, Lot 5439, Block 16, RH Plaza, Jalan Lapangan Terbang, 93250 Kuching	082 - 339 411	Under ground (Coking)	Abok, Sri Aman
8.	Lucky Power Strategies S/B	Lot. 154-156, 2 <sup>nd</sup> Floor, Jalan Sungai Padungan, P.O Box 2113, 93742 Kuching	082 - 339 411	Under ground (Coking)	Silantek, Sri Aman



## MINERAL TENEMENT HOLDERS

No.	Mining Certificate / Lease Holder	Lease Number	Location	Minerals	Area (Hectares)	Expiry date
1.	Gladioli Enterprises S/B	ML 139	Bidi, Bau	Calcium Carbonate	57	09.01.2025
2.	Luckyhill Quarry S/B	1D/00133/ML/I/02	Krian, Bau, Kuching	Calcium Carbonate	60	27.12.2021
3.	Luckyhill Coal Mining S/B	2D/1/97	Abok, Sri Aman	Coal	2,000	21.02.2017
4.	Sarawak Coal Resources S/B	ML/1/2012/10D	Bergih, Mukah	Coal	600	17.10.2021
5.	Sarawak Coal Resources S/B	10D/MC/2/2008	Sg. Badengan Kanan & Sg. Belian, Mukah	Coal	1,813	17.10.2026
6.	Sarawak Coal Resources S/B	10D/MC/1/2008	Hulu Penipah, Mukah	Coal	5,225	23.03.2028
7.	Genesis Force S/B	10D/MC/1/2003	Bedengan	Coal	282	25.06.2018
8.	Lucky Power Strategies S/B	2D/144/ML/2008	Silantek, Sri Aman	Coal	2,100	23.04.2028
9.	Cahaya Bumi Sarawak S/B	MC/01/2016/10D	Ulu Sg Bakau, Matadeng	Coal	1993	4.04.2028
10.	Global Energy S/B	ML/1//2015 (7D)	Belawei Mujan/Kapit	Coal	1828	6.30.2034
11.	Global Energy S/B	ML/2//2015 (7D)	Long Hill/Kapit	Coal	657	6.30.2034
12.	Global Energy S/B	ML/3//2015 (7D)	Tebulan/Kapit	Coal	1992	12.05.2034
13.	Gladioli Enterprises S/B	ML 140	Jugan Road, Bau	Gold	5	23.05.2025
14.	Priority Trading S/B	ID/137/ML/2008	Tai Ton, Bau	Gold	3	22.06.2024
15.	Buroi Mining S/B	ML/138/1D	Sg. Buroi, Bau	Gold	410	19.11.2025
16.	Carino S/B	ML 135	Krian, Bau	Gold	49	04.03.2024
17.	Bukit Lintang Enterprises S/B	ML 142	Tai Parit, Bau	Gold	34	11.06.2025
18.	Bukit Lintang Enterprises S/B	ML 143	Lake Bekajang, Bau	Gold	49	22.06.2024
19.	Priority Trading S/B	ML 136	Tai Ton, Bau	Gold	140	18.01.2023
20.	Bukit Lintang Enterprises S/B	ID/134/ML/2008	Bukit Young, Bau	Gold	40	18.01.2023
21.	Gladioli Enterprises S/B	ML/01/2013/ID	Sirrenggok, Jugan, Jambusan, Bau	Gold	194	22.1.2033
21.	Bukit Lintang Enterprises S/B	ML 141	Bukit Young, Bau	Gold	12.74	18.01.2023
22.	Syarikat Tasik Majumas S/B	ML/2/2013/ID	Bidi, Bau	Gold	126	15.7.2021
23.	Stone & Quarry S/B	SD/1/99	Sabal Kruin	Kaolin	500	22.06.2019
24.	Stone & Quarry S/B	MC/02/2014/8D	Telagus, Abit, Sg. Pinang	Kaolin	1564	3.1.2024
25.	Stone & Quarry	MC/01/2014	Sabal Kruin	Kaolin	310	1.27.2024
26.	Keresa S/B	MC/01/2016/12D	Telagus West	Kaolin/Ball clay	733	8.07.2026

27.	Keresa S/B	MC/01/2016/8D	Tapang - Lebat, Kpg Jeruk	Kaolin/Ball clay	204	8.07.2026
28.	Syarikat Sebangun S/B	ML/1/2013/4D	Kuala Bakong, Miri	Silica Sand	761	10.03.2019
29.	Syarikat Sebangun S/B	200004/MCL001	Sungai Bakong, Miri	Silica Sand	200	10.03.2019
30.	Syarikat Sebangun S/B	MC/1/2010	Ulu Linai, Baram, Miri	Silica Sand	200	16.01.2017
31.	Perindustrian Sumber Semantan S/B	KD/1/99	Kg. Jebak, Semantan Kg.	Silica Sand	282	10.05.2019
32.	Gabungan Tenaga S/B	KD/1/2001	Munggu, Raman, Semantan Kg.	Silica Sand	263	22.08.2021

### MINERAL TENEMENT HOLDERS (PML)

No.	Lease Holder	Lease Number	Location	Minerals	Area (Hectares)	Expiry date
1.	Strategy Expert S/B	PML/1/2012/10D	Selangau, Mukah	Coal	1,176	5.9.2022
2.	Bella Magic S/B	PML/1/2013/10D	Sikat, Mukah	Coal	247.50	12.11.2023
3.	Strategy Expert S/B	PML/1/2012/10D	Mukah, Selangau	Coal	1176	9.5.2022
4.	Mukah Coal Energy S/B	PML/1/2013/10D	Ulu Sikat Lot 35/ Mukah	Coal	248	11.01.2023
5.	Kim Hin Properties S/B	PML 02/2015/1D	Lot 796, Blk 4, Matang LD	Ball Clay	2	4.19.2025
6.	Jong Yeng Hui	PML 01/2015/1D	Lot 571, Blk 5, Salad LD	Ball Clay	2	4.19.2025
7.	Basileus Dange	PML/12D/1/2016	Matang LD	Ball Clay	8	9.19.2026

### MINERAL EXPORTERS

No.	Company Name	Minerals	Destinations
1.	Syarikat Sebangun S/B	Silica Sand	Philippines, Korea, Japan, Indonesia, Singapore, Thailand



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