

MC/TSA/75-2025

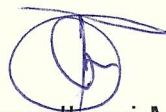
**AUTHORIZATION OF TECHNICAL SUPPORT IN RESPECT OF  
PRIMARY MINING LICENCES**

I, **Eng. Ramadhani M. Lwamo**, Executive Secretary, pursuant to Section 9(3) of the Mining Act, Cap.123 [R.E 2023] allow **M/S GECKO TANZANIA INVESTMENT LIMITED** to provide technical support in respect of Primary Mining Licences No. **PML00612KGM, PML00613KGM and PML00614KGM** issued to **M/S ELISHA GEORGE MBAGO**.

The foregoing technical support shall be for three (3) years subject to terms and conditions set out under Annex A, Primary Mining Licences and Technical Support Agreement between **M/S ELISHA GEORGE MBAGO** and **GECKO TANZANIA INVESTMENT LIMITED** dated 21<sup>nd</sup> February, 2025 and the Mining Act, Cap. 123 [R.E 2023].

**IN WITNESS WHEREOF** this authorization for technical support has been duly recorded

this.....<sup>13<sup>th</sup></sup>.....day of.....<sup>August</sup>.....2025.



**Eng. Ramadhani M. Lwamo**  
**EXECUTIVE SECRETARY**  
**MINING COMMISSION**

## **ANNEX A**

### **Article 1**

#### **TENURE OF CONSENT OF TECHNICAL SUPPORT**

1. This consent of technical support shall remain valid for a period of three (3) years from effective date of the grant unless it is sooner cancelled, suspended or surrendered in accordance with the Act.
2. The consent shall cease to subsist if the Holder of the Licence ceases mining operations or abandons the Area where mining operations are undertaken without prior permission of the Mining Commission.
3. Renewal of the consent shall be subject to conditions stipulated under the Mining Act and to the satisfactory of the Mining Commission.

### **Article 2**

#### **METHOD OF OPERATIONS**

1. The holder of the licence and the technical supporter shall carry out the programme of mining operations in accordance with the programme of mining operations approved by the Mining Commission as may be amended and satisfy obligations under the law and technical support agreement and take full responsibility and assume attendant risks.
2. The holder of the licence and the technical supporter shall take all reasonable measures necessary to secure the safety, health and welfare of persons engaged in the mining operations in or about the Area to which the primary mining licence apply and ensure safety of properties in accordance with the governing laws.

3. The holder of the licence and the technical supporter, shall, in respect of the mine, take all measures necessary to avert occurrence of accidents whether accidental or premeditated and to observe and satisfy safety conditions stipulated under the Occupational Safety and Health Act, Cap. 424.
4. The holder of the licence and the technical supporter shall submit mining plan within ninety (90) days from the grant.

### **Article 3**

#### **ENVIRONMENTAL MANAGEMENT**

1. The holder of licence and technical supporter and any other person who exercise powers or perform functions or carries duties in relation therewith shall be required to submit Environmental Impact Assessment Certificate by the National Environment Management Council within 120 days from the grant of the consent of technical support.
2. The holder of licence and technical supporter shall be required to adhere to the submitted Mine Closure and Rehabilitation Plans of the Area where mining operations are carried out and any other recommendation from relevant authorities from the grant of the consent for technical support.

**Article 4**  
**CORPORATE SOCIAL RESPONSIBILITY**

1. The holder of the licence and the technical supporter shall submit the Corporate Social Responsibility Plan within 90 days from the grant of the consent of technical support, the Corporate Social Responsibility Plan prepared shall be congruent and responsive to guidelines for corporate social responsibility plan developed by the relevant local government authority upon consultation with the Minister responsible for local governments and the Minister responsible for finance in terms of section 136 of the Mining Act, CAP 123 [R.E 2023].

**Article 5**  
**TECHNOLOGICAL TRANSFER**

The holder of the licence and the technical supporter shall submit technological transfer plan within ninety (90) days from the grant.



TANZANIA



## Register of Companies Detailed information

**Information date and time:** 07/11/2025 19:06:31

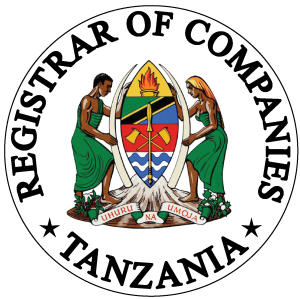
**Last update date and time:** 11/12/2024 09:37:00

**Registration date and time:** 18/10/2024 11:24:41

1. **Status:** Registered
2. **Incorporation number:** 178897411
3. **Company:** Gecko Tanzania Investment Limited
4. **Company type:** Private company Limited by shares
5. **Registered office:** Region Dar Es Salaam, District Kinondoni, Ward Kijitonyama, Postal code 14113, Ali Maua near police station
6. **Contacts:** Email: drewkishimba@gmail.com, Mob no/Tel no: 0712192278, P.O.Box 16327
7. **Business activity:**
  - 0899 - Other mining and quarrying n.e.c.
  - 0892 - Extraction of peat
  - 4659 - Wholesale of other machinery and equipment
  - 4620 - Wholesale of agricultural raw materials and live animals
  - 4610 - Wholesale on a fee or contract basis
  - 4661 - Wholesale of solid, liquid and gaseous fuels and related products
  - 3100 - Manufacture of furniture
  - 2599 - Manufacture of other fabricated metal products n.e.c.
  - 4100 - Construction of buildings
  - 4922 - Other passenger land transport
  - 5590 - Other accommodation
  - 4662 - Wholesale of metals and metal ores
  - 0150 - Mixed farming
8. **Directors / Directors in the country of origin:** Guangzhu Liu, Chinese  
Xiuyu Fu, Chinese
9. **Company secretary / Company secretary in the country of origin:** Guangzhu Liu, Chinese
10. **Authorised share capital:** 328000000 TZS
11. **Class of shares:** Class Ordinary: 2000 shares, 164000 TZS/share, 328000000 TZS
12. **Shareholders:** Guangzhu Liu Class Ordinary 900 shares taken  
Xiuyu Fu Class Ordinary 600 shares taken  
ELISHA GEORGE MBAGO Class Ordinary 500 shares taken

Information ordered by: PATRICK BOYO

NOTE. Information printed from the Register of Company is true and complete as per extract generation date and time. Please be advised to refer to the Online Registration System at BRELA ([ors.brela.go.tz](http://ors.brela.go.tz)) for an up-to-date information regarding given Company.



Princ. Asst. Registrar of Companies

**ELISHA GEORGE MBAGO,**  
S. L. P 44,  
**KIGOMA.**

**KUMB. ELISHA/TSA/VOL.I/002**

**25/02/2025**

AFISA MADINI MKAZI,  
S.L.P 268,  
**KIGOMA.**

Yah: **OMBI LA KUSAJILIWA MKATABA WA MSAADA WA KIUFUNDI  
(TECHNICAL SUPPORT AGREEMENT)**

Husika na kichwa cha habari hapo juu.

Mimi ni Mchimbaji wa Madini ya Mawe ya Chokaa (Limestone) katika eneo la Machazo, Wilaya ya Kigoma Mkoa wa Kigoma ninayemiliki PMLs tatu (3) ambazo ni PML00612KGM, PML00613KGM na PML00614KGM.

Aidha kufuatia kuwepo kwa mahitaji makubwa kwa sasa Mkoani Kigoma ya Mawe (Stones) na Kokoto (Aggregates) katika shughuli za Ujenzi nimeonelea nitafute Msaada wa Kiufundi (Technical Support) kutoka Kampuni ya **Gecko Tanzania Investment Limited ya Dar Es Salaam** ili niweze kufanya shughuli za Uchimbaji Limestone pamoja na uongezaji thamani wake kwa lengo la kuuza Mawe (Stones) na Kokoto (Aggregates) na *Crusher Dust* kwa Brokers, *Dealers* na Wakandarasi wa Ujenzi, Mkoani Kigoma kadri watakavyohitaji.

Nimejaribu kuomba Msaada wa kifedha (Mtaji) katika baadhi ya Benki na Wafanyabiashara Nchini pasipo mafanikio hali iliyonipelekea kuwasiliana na Kampuni ya Gecko Tanzania Investment Limited ambayo wamenkubalia kunipaatia Msaada wa Kiufundi (Technical Support) na hivyo kusaini nao Mkataba wa Msaada wa Kiufundi (Technical Support Agreement).

Hivyo nawasilisha Mkataba wa Msaada wa Kiufundi (**Kiambatisho Na. 1**) kwa ajili ya Tume ya Madini Kuusajili na vilevile kuiruhusu Kampuni ya Gecko Tanzania Investment Limited kunipatia Msaada wa Kiufundi kwa ajili ya uendeshaji bora zaidi wa shughuli za Uchimbaji Mawe ya Chokaa na uongezaji thamani wa Madini haya katika Leseni zangu PML00612KGM, PML00613KGM na PML00614KGM. Shughuli za Uongezaji thamani ninazotaka kuzifanya kwa sasa ni pamoja na uzalishaji wa Kokoto (Aggregates) na *Crusher Dust*.

Nawasilisha kwa ajili ya kusaidiwa ombi langu hili husika.

Wako katika ujenzi wa Taifa,

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**ELISHA GEORGE MBAGO**

**MKATABA WA MSAADA WA KIUFUNDI  
(TECHNICAL SUPPORT AGREEMENT)  
KATI YA**

**BW. ELISHA GEORGE MBAGO**  
**(MMILIKI WA LESENI; PML00612KGM,**  
**PML00613KGM & PML00614KGM)**

NA

**M/S GECKO TANZANIA INVESTMENT  
LIMITED**

**(KAMPUNI INAYOTOA MSAADA WA  
KIUFUNDI-MWEZESHAJI)**

**MKATABA WA MSAADA WA KIUFUNDI**  
**(TECHNICAL SUPPPORT AGREEMENT)**

Mkataba huu umefanyika tarehe **21** Mwezi **Februari**, Mwaka **2025**

KATI YA

**BW. ELISHA GEORGE MBAGO** wa S.L.P 44 Kigoma (Ambaye katika Mkataba huu atajulikana kama "**MMILIKI WA LESENI**") kwa upande mmoja.

NA

**KAMPUNI YA M/S GECKO TANZANIA INVESTMENT LIMITED** ya S.L.P 16327 Dar Es Salaam (Ambayo katika Mkataba huu itajulikana kama "**MWEZESHAJI**") kwa upande mwingine.

**1.0 Lengo la Mkataba**

Mkataba huu unalenga:-

- 1.1 Kuwezesha upatikanaji wa utaalumu wa uchimbaji, uendeshaji wa mitambo, au ujuzi usiopatikana nchini Tanzania, kwa lengo la kusaidia uchimbaji, uongezaji thamani na ujuzi wa mawe ya Chokaa (Limestone) yanayokusudiwa kuchimbwa katika Leseni husika.
- 1.2 Mwezeshaji kuwezesha upatikanaji wa teknolojia, mitambo au vifaa na mashine mbalimbali, na utaalumu wa uchimbaji, uongezaji thamani na ujuzi wa madini yanayochimbwa kwa lengo la kuendeleza uchimbaji,

uongezaji thamani na ujuzi huo kutokana na makubaliano yanayoingiwa.

## **2.0 Idadi ya Leseni**

Leseni zitakazohusika katika Mkataba huu wa Msaada wa Kiufundi ni Leseni ndogo tatu (3) za uchimbaji madini 3 zilizopo katika Kijiji cha Machazo, Wilayani Kigoma ambazo ni **PML00612KGM, PML00613KGM na PML00614KGM.**

## **3.0 WAJIBU WA PANDE ZA MKATABA**

### **3.1 Wajibu wa "MMILIKI WA LESENI"**

- 3.1.1 Kuhakikisha kuwa taratibu zote za umiliki wa Leseni na wajibu unazingatia Sheria ya Madini Sura, 123 na Kanuni zake.
- 3.1.2 Kuhakikisha anazingatia masharti ya Sheria ya Madini Sura 123 na Kanuni zake ikiwemo kuhuisha Leseni pindi muda utakapofika, ulipaji wa kodi na tozo mbalimbali za Serikali.
- 3.1.3 Bila makubaliano na **"MWEZESHAJI", "MMILIKI WA LESENI"** hataruhusiwa kuingia makubaliano na mtu mwingine kwa nia ya kutekeleza majukumu ya aina moja au yanayofanana kwa karibu na yale ambayo **"MWEZESHAJI"** anatakiwa kuyatimiza

kwenye leseni husika katika kipindi cha uhai wa mkataba.

- 3.1.4 Kushiriki moja kwa moja katika uongozi, utaratibu na utekelezaji wa shughuli zote za madini ndani ya eneo la leseni.
- 3.1.5 Kuhakikisha shughuli zote za uchimbaji na uchakataji madini zinafanyika ndani ya eneo la Leseni.
- 3.1.6 Kushirikiana na **"MWEZESHAJI"** kuandaa mpango madhubuti unaotekelezeka wa miradi ya wajibu wa **"MMILIKI WA LESENI"** kwa jamii (Corporate Social Responsibility).

## **3.2 Wajibu wa "MWEZESHAJI"**

- 3.2.1 Kutoa msaada wa kitaalamu na teknolojia ikiwemo mitambo na mashine mbalimbali, pamoja na utaalamu wa uchimbaji, uongezaji thamani na ujuzi wa mawe ya Chokaa (Limestone) yanayochimbwa katika eneo husika kwa lengo la kutekeleza wajibu wa kimkataba.
- 3.2.2 Kuweka mitambo hiyo katika eneo la Leseni pamoja na miundombinu inayohitajika katika utendaji kazi ikiwemo mitambo yote ya uongezaji thamani mawe ya Chokaa (Limestone) na

kuhakikisha kuwa miundombinu yote ambayo haihamishiki inazingatia masuala ya mazingira.

3.2.3 Kuhakikisha kuwa mwisho wa Mkataba au pale Mkataba unapokoma kutokana na sababu mbalimbali zilizobainishwa. Baadhi ya Vifaa vya utafiti, uchimbaji na uongezaji thamani madini vitabaki kwa **"MMILIKI WA LESENI"**. Aidha, ikiwa sababu za ukomo wa Leseni zimesababishwa kwa makusudi au uzembe wa **"MMILIKI WA LESENI"** kwa kutotimiza wajibu wake katika Mkataba, Mwezeshaji anaweza kuamua kuondoka na vifaa vyake ikiwa yeye hakutenda au hakuhusika moja kwa moja na matendo yaliyosababisha kuvunjika kwa Mkataba.

3.2.4 Kuandaa mpango madhubuti unaotekelezeka wa urithishaji maarifa, utaalamu, na matumizi ya teknolojia kwa watendaji wa upande wa **"MMILIKI WA LESENI"**. Mpango husika uambatishwe pamoja na Mkataba.

3.2.5 Kushirikiana na **"MMILIKI WA LESENI"** kuandaa mpango madhubuti unaotekelezeka wa Miradi ya wajibu wa **"MMILIKI WA LESENI"** kwa jamii (Corporate Social Responsibility).

Mpango husika uambatishwe pamoja na Mkataba.

3.2.6 Kufanya utafiti katika Leseni husika wakati uchimbaji unaendelea ili kuwa na uchimbaji endelevu na kuepusha kupata hasara pindi itakapogundulika hakuna mashapo ya kuchimba kutokana na kutokuwa na taarifa za utafiti za eneo hilo. Mpango wa uchimbaji madini uambatishwe pamoja na Mkataba.

3.2.7 Kuandaa mpango wa athari za kimazingira (Environmental Impact Assessment-EIA) kabla ya kuanza uchimbaji katika Leseni hizo. Mpango huo wa mazingira uidhinishwe na Mamlaka husika kwa wakati, Mpango wa EIA uambatishwe pamoja na Mkataba.

3.2.8 Kuandaa mpango wa ufungaji mgodi na kuuwasilisha kwa mujibu wa utaratibu kwa ajili ya mapitio na idhini au maelekezo.

3.2.9 Ataweka mwakilishi wa kudumu wa **"MWEZESHAJI"** ambaye atahusika katika kutoa taarifa zote zinazohitajika katika mgodi huo pindi mamlaka husika itakapozihitaji.

3.2.10 Kuweka utaratibu unaotekelezeka wa kubadilishana taarifa za msingi kuhusu teknolojia

inayotumika kwenye uzalishaji na shughuli za utafiti wa Madini.

#### **4.0 MUDA WA MKATABA**

Muda wa Mkataba huu utakuwa wa kipindi cha miaka mitatu (3) na unaweza kuhuishwa baada ya makubaliano ya pande zote mbili na kusajiliwa na Tume ya Madini.

#### **5.0 USALAMA NA ULINZI WA MALI NA MAENEO LA LESENI**

Usalama na ulinzi wa mali na maeneo ya leseni litakuwa jukumu la pamoja kati ya **"MMILIKI WA LESENI"** na **"MWEZESHAJI"** katika kipindi chote cha Mkataba huu.

#### **6.0 VIFAA NA MITAMBO**

- 6.1 **"MWEZESHAJI"** anao wajibu wa kushirikiana na **"MMILIKI WA LESENI"** kuhakikisha kuwa vifaa na mitambo kwa ajili ya kutoa msaada wa Kiufundi vinangia katika eneo la mgodi na kutumika kwa ajili ya shughuli za madini zilizokusudiwa.
- 6.2 Mara baada ya vifaa na mitambo kuingia katika eneo la Leseni, **"MMILIKI WA LESENI"** atamtaarifu Afisa Madini Mkazi wa eneo husika kuhusu uwepo wa vifaa na mitambo hiyo katika eneo la Leseni yake. Taarifa itahusisha idadi,

aina na ubora wa vifaa hivyo katika kufanya kazi iliyokusudiwa ya uchimbaji na uchakataji.

## **7.0 KUREKEBISHA MKATABA**

- 7.1 **"MMILIKI WA LESENI"** na **"MWEZESHAJI"** kwa pamoja na kwa makubaliano ya maandishi wanaweza kurekebisha baadhi ya vifungu vya Mkataba au Mkataba wote kama wataona inafaa.
- 7.2 Iwapo kutakuwa na mabadiliko ya Kisheria, Kikanuni au maamuzi ya vyombo vya Serikali ambayo yatasababisha kuathirika kwa utekelezaji wa sehemu ya Mkataba au Mkataba wote, **"MWEZESHAJI"** na **"MMILIKI WA LESENI"** watajadiliana na kuingia makubaliano mapya kurekebisha sehemu ya Mkataba iliyoathiriwa au kuhuisha Mkataba wote ili uendane na makubaliano yaliyotokea.
- 7.3 Endapo yatagundulika madini mengine yenye thamani kiuchumi na **"MMILIKI WA LESENI"** akaomba Tume ya Madini kuongezewa madini hayo kwenye Leseni yake na akakubaliwa, pande zote mbili za Mkataba wafanye marekebisho kwenye Mkataba mpya na kuongeza mgawanyo wa faida za kiuchumi kwa mujibu wa uwiano wataokubalianakwa mujibu wa sheria.

- 7.4 Marekebisho yoyote yanayokusudiwa kufanyika katika Mkataba yawasilishwe Tume ya Madini kwa ajili ya kuridhiwa na kusajiliwa.

## **8.0 MGAWANYO WA FAIDA ZA MRADI**

Mkataba huu unaoingiwa una masharti ya mgawanyo wa faida za mradi kwa kuzingatia matakwa ya Kanuni za Msaada wa Kiufundi kwa Wamiliki wa Leseni Ndogo za Uchimbaji Madini za Mwaka 2025, kwa utaratibu ufuatao:-

- 8.1 **"MMILIKI WA LESENI"** atapata mgao wa faida wa asilimia thelathini (30%) kutokana na uzalishaji wa madini yatakayokuwa yanazalishwa na makinikia yatakayopatikana na **"MWEZESHAJI"** atapata mgao wa faida wa asilimia sabini (70%). Mgao wa faida waliokubaliana utakaotolewa kwa pande zote pasipo kuhusisha gharama za uendeshaji wa mradi.
- 8.2 Mgao wa faida utakokotolewa kutoka katika mapato ghafi (gross Revenue) baada ya kuzingatia na kutoa gharama za malipo ya tozo za Mrabaha, ada ya ukaguzi na tozo nyingine za Serikali zinazotokana na madini hayo.
- 8.3 Ikiwa makubaliano yanayokusudiwa yanahitaji kuunganisha Leseni na kupata Leseni ya uchimbaji wa kati (ML) na kuunda Kampuni ya Ubia na kuihamishia Leseni hiyo kwa Kampuni ya Ubia ambayo **"MMILIKI WA LESENI"**

atakuwa na hisa katika Kampuni hiyo. Mmiliki wa Leseni za awali na Mwezeshaji Msaada wa Kiufundi watalazimika kuingia makubaliano mapya kwa kutengeneza Mkataba mwingine.

## **9.0 USIMAMIZI WA MGODI**

- 9.1 Usimamizi wa shughuli za migodi utakuwa ni jukumu jumuishi la pande zote mbili.
- 9.2 **"MMILIKI WA LESENI"** atahakikisha kuwa Sheria, Kanuni na taratibu zinazingatiwa wakati wa utekelezaji wa mkataba huu.
- 9.3 Wafanyakazi wote watakaofanya kazi katika mradi watakuwa Watanzania. Wafanyakazi raia wa kigeni wataruhusiwa kufanya kazi katika mgodi baada ya kuombewa kibali Tume ya Madini na kuridhiwa.

## **10.0 KUVUNJA MKATABA**

- 10.1 Kila upande utakuwa na haki ya kuvunja Mkataba kwa kutoa Notisi ya siku thelathini (30) kwa maandishi iwapo hautaridhishwa na utekelezaji wa Mkataba.
- 10.2 Mkataba unaweza kuvunjwa kutokana na kuisha kwa Madini katika eneo la Leseni husika.
- 10.3 Mkataba unaweza kuvunjwa ikiwa upande mmoja utabaini vitendo vya udanganyifu kama vile wizi wa madini,

mitambo, vifaa na mali nyinginezo zilizopo mgodini na udanganyifu kuhusu ukokotoaji wa kiwango kilichozalishwa, au udanganyifu wa aina nyingine utakaoathiri utekelezaji wa Mkataba.

10.4 Mkataba utahesabika umevunjwa iwapo Leseni itafikia ukomo na kutohuishwa.

## **11.0 UTATUZI WA MIGOGORO**

11.1 **"MMILIKI WA LESENI"** na **"MWEZESHAJI"** wamekubaliana kwa pamoja kuwa endapo kutatokea Mgogoro wowote utakaosababishwa na kutotekelezwa kwa masharti ya Mkataba huu au vinginevyo, watautatua wenyewe kwa njia ya majadiliano.

11.2 Endapo watashindwa kutatua wenyewe kwa majadiliano mgogoro huo utatatuliwa kwa njia ya Usuluhishi utakaosimamiwa na Tume ya Madini.

11.3 Usuluhishi ukishindikana wahusika watauwasilisha mgogoro Mahakamani ili kila upande uweze kupata haki yake.

## **12.0 NOTISI**

Taarifa na mawasiliano kuhusu utekelezaji wa Mkataba huu zitawasilishwa kwa maandalishi kwa njia ya barua pepe au mkono.

### **13.0 LUGHA YA MKATABA**

Pande zote mbili zimekubaliana Mkataba uandikwe kwa Kiswahili au kiingereza.

### **14.0 SHERIA INAYOSIMAMIA MKATABA**

Mkataba huu utatekelezwa na kutafsiriwa kwa kuzingatia Sheria za Tanzania.

### **15.0 KUSAINIWA KWA MKATABA**

Pande mbili (2) zikiwa na Mashahidi wake wawili (mmoja kutoka kila upande) zilikaa Mjini Kigoma chini ya Wakili **Moses Karwani Rwegoshora** wa **S.L.P 184 KIGOMA** na kukubaliana yote tajwa hapo juu kuwa ni sahihi kwa kuweka saini zao hapa chini kama ifuatavyo: -

#### **(A) UPANDE "MMILIKI WA LESENI"**

##### **1. Elisha George Mbago**

Saini 

Tarehe...21.02.2025.....

##### **2. SHAHIDI**

**Joseph Peter Mnunduma**

Saini 

Tarehe...21.02.2025.....

**(B) UPANDE WA "MWEZESHAJI MSAADA WA KIUFUNDI"**  
**Kwa niaba ya kampuni ya M/S Gecko Tanzania**  
**Investment Limited**


**1. Liu Guangzhu**

Saini..........Tarehe. 21.02.2025

**2. SHAHIDI**

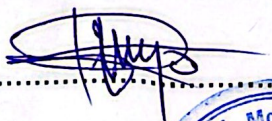
**Liu Aoran**



Saini..........Tarehe. 21.02.2025

**(C) UPANDE WA WAKILI**

**Moses Karwani Rwegoshora**

Saini..........Tarehe. 21.02.2025



**KUTOKA KWA:** BW. SOSPETER S. MAGANIRA (MHANDISI II)

**KWENDA KWA:** AFISA MADINI MKAZI KIGOMA

Yah: **TAARIFA YA UKAGUZI WA PML00612KGM,  
PML00613KGM NA PML00614KGM KUHUSIANA NA  
MASUALA YA MSAADA WA KIUFUNDI  
(TECHNICAL SUPPORT)**

### **1.0 UTANGULIZI**

Tarehe 27/02/2025 nilikwenda katika Kijiji cha Machazo, Wilayani Kigoma, Mkoa wa Kigoma kukagua Leseni tatu za PMLs (PML00612KGM, PML00613KGM na PML00614KGM) kuhusiana na masuala ya Msaada wa kiufundi (*Technical Support*).

PMLs husika zinamilikiwa na Bw. Elisha George Mbago wa S.L.P 44 Kigoma Mtanzania mwenye Nida Na. 20021107471010000121na TIN Na. 178-449-273. Aidha ukaguzi huu ulifanyika kutokana na barua Kumb Na. ELISHA/TSA/VOL.I/002 ya tarehe 25/02/2025 ya Bw. Elisha George Mbago aliyowasilisha Ofisi ya Afisa Madini Mkazi Kigoma yenye maudhui ya kuomba kusajiliwa kwa Mkataba wa Msaada wa Kiufundi (*Technical Support Agreement –TSA*) aliyoingia nao na Kampuni ya M/S GECKO TANZANIA INVESTMENT LIMITED YA S.L.P 16327 Dar es salaam.

## **2.0 YALIYOJIRI KATIKA UKAGUZI**

### **2.1 Maelezo Binafsi ya Elisha George Mbago**

Bw. Elisha George Mbago alinijulisha kuwa kutokana na hali yake kimtaji (Kifedha) kuwa sio nzuri ilimlazimu kutafuta Mwezeshaji wa kumsaidia katika masuala ya Kiufundi (Technical) na Mtaji (Capital) ili aweze kufanya shughuli za Uchimbaji wa Mawe ya Chokaa (*Limestone*). Aliamua kutafuta Mwezeshaji kutokana na kupata Tenda ya uuzaji Mawe, Kokoto na *Crusher Dust* inayotokana na usagaji wa Mawe ya Chokaa katika Mtambo wa kusaga Mawe (*Crushing of Limestone in the Crusher Plant*).

Aidha Bw. Elisha George Mbago alinieleza kuwa Kampuni ya M/S GECKO TANZANIA INVESTMENT LIMITED ina *Mining Excavators 2, Dump Trucks 4*, Mtambo kamili wa usagaji Mawe na viunganishi vyake (*Crusher Plant with its all accessories*) pamoja na Mtaji mkubwa kama Working Capital ya kuanzisha shughuli za Uchimbaji na usagaji Mawe ya Chokaa.

### **2.2 Hali halisi iliyopo katika maeneo ya Leseni ya PML00612KGM, PML00613KGM na PML00614KGM**

Nilikagua maeneo yote ya Leseni PML00612KGM, PML00613KGM na PML00614KGM na kubaini yafuatayo:-

- a) Eneo lina Miamba mikubwa ya Mawe ya Chokaa iliyojitokeza kwa juu (*Large Out crop of Limestone Rocks*);
- b) Kuna shughuli ya usafishaji eneo (*Site Clearance*) inayoendelea kwa lengo la kuliandaa eneo kwa shughuli za Uchimbaji Mawe ya Chokaa;
- c) Kuna Vibanda vimejengwa vya Ofisi, Mahali pa kupumzikia Wafanyakazi na vyoo;
- d) Hakuna shughuli za Uchimbaji zinazoendelea kwenye PML00612KGM, PML00613KGM na PML00614KGM;

- e) Bw. Elisha George Mbago hana Madeni ya Leseni wala Hati ya Makosa katika Ofisi yetu na Ofisi zingine za Madini; na
- f) Hakuna migogoro yoyote ya Kisheria na kiutendaji katika maeneo ya Leseni 3 (PML00612KGM, PML00613KGM na PML614KGM).

### 3.0 MAONI

Kufuatia Ukaguzi niliufanya katika PML00612KGM, PML0613KGM na PML00614KGM kuhusiana na masuala ya Msaada wa Kiufundi (*Technical Support*) nina maoni yafuatayo:-

- (i) Maeneo ya PML00612KGM, PML00613KGM na PML00614KGM yana Miamba mingi ya Limestone iliyojitokeza kuanzia juu na kuendelea hadi chini hali inayolifanya eneo kufaa kwa uanzishaji wa Mgodhi wenye faida (*Economically feasible*) wa uchimbaji na uzalishaji Mawe, Kokoto na *Crusher Dust* zinazotokana na Mawe ya Chokaa ambapo kwa sasa bidhaa hizi zinasoko kubwa Mkoani Kigoma kutokana na kuwepo kwa shughuli mbalimbali za Ujenzi;
- (ii) Uendeshaji wa shughuli za Uchimbaji Mawe ya Chokaa na Uzalishaji wa Kokoto na *Crusher Dust* kutasaidia Ofisi ya Afisa Madini Mkazi Kigoma kukusanya Maduhuli mengi hali itakayoifanikishia Ofisi kufikia lengo la Makusanyo la Mwaka wa Fedha 2025/2026;
- (iii) Mradi utakapofanya kazi utasaidia upatikanaji wa; Ushuru wa Huduma (Service Levy) wa Halmashauri ya Wilaya ya Kigoma, Ajira kwa Wananchi na hivyo kupata kipato chakusaidia kujikimu na Maisha; na
- (iv) Mradi utasaidia upitishaji wa Teknolojia (Technology Transfer) kutoka kwenye Kampuni ya GECKO TANZANIA INVESTMENT LIMITED kwenda kwa Bw. Elisha George Mbago.

#### **4.0 MAPENDEKEZO**

Kufuatia maelezo hapo juu ya Ukaguzi niliofanya katika PML00612KGM, PML00613KGM na PML00614KGM napendekeza Tume ya Madini isajili Mkataba wa Msaada wa Kiufundi (*Technical Support Agreement-TSA*) ulioingiwa kati ya pande mbili; Bw. Elisha George Mbago kwa upande Meneja na Kampuni ya M/S GECKO TANZANIA INVESTMENT LIMITED kwa upande mwingine kwa kuwa:-

- Kutakuwepo na faida nyingi za kuongezeka kwa Maduhuli ya Serikali kupitia Mirabaha na Ada za Ukaguzi pamoja na Ushuru wa Halmashauri (*Service Levy*);
- Wananchi watapata ajira na hivyo kuwa na kipato kitakachowasaidia kujikimu na maisha; na
- Mradi utasaidia upitishaji wa Teknolojia (Technology Transfer) kutoka Kampuni ya M/S GECKO TANZANIA INVESTMENT LIMITED kwenda kwa Bw. Elisha George Mbago.

Nawasilisha kwa hatua zako Mkuu.



Sospeter S. Maganira

**MHANDISI II**

**28/02/2025**

**TECHNOLOGY TRANSFER PLAN  
FOR  
M/S GECKO TANZANIA INVESTMENT LIMITED  
OF P.O.BOX 16327 DAR ES SALAAM**

**Technology Transfer from M/s Gecko Tanzania  
Investment Limited  
(Technical Support Facilitator)  
To  
Mr. Elisha George Mbago  
(The Holder of PML00612KGM, PML00613KGM &  
PML00614KGM)**

**Prepared by:  
Mr. Moses Karwani Rwegoshora  
(The Consultant)  
Of  
P.O. Box 184 KIGOMA**

**Submission Date:**

**April, 2025**

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# 1.0 INTRODUCTION

## 1.1 Background Information

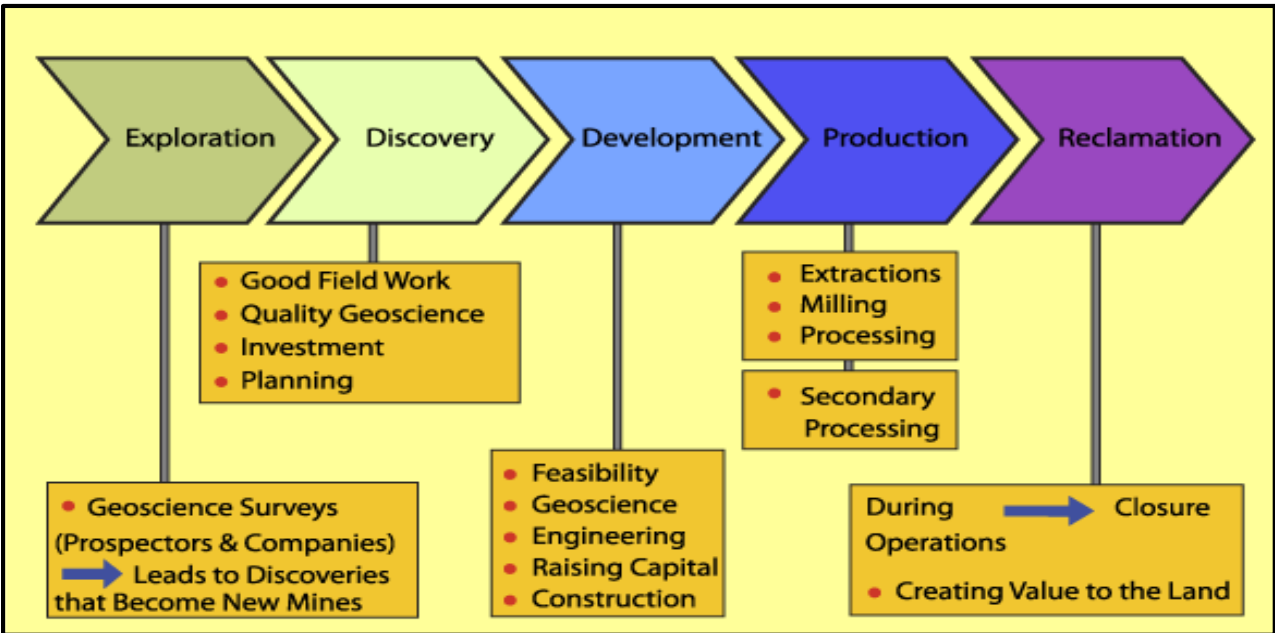
On 17<sup>th</sup> April 2025, the Tanzania Minister for Minerals issued to the Public the Technical Support for Small-Scale Miners Regulations 2025 (**Regulations**) under Government Notice No. 260. These Regulations among other things requested for the Facilitators of Technical support to Primary Mining Licensees to undertake Technological transfer to the Primary Mining License (PML) holders during the period of the Technical Support Agreement (TSA) entered between these two parties.

## 1.2 Definition of Technology transfer in the Mining Industry

Technology transfer in the mining industry involves the movement of knowledge, technologies, and skills from one entity to another, often between research institutions and mining companies, or between different mining companies at different stages of the production chain. This process helps bring mining innovations into practical application and improve operational efficiency, safety, and environmental sustainability.

## 1.3 Scope of Technology Transfer in this report

As the two parties namely; Elisha George Mbago (Holder of PML00612KGM, PML00613KGM and PML00614KGM) and of **M/S Gecko Tanzania Investment Limited of P.O. Box 16327 Dar ES Salaam the Company** have entered Technical Support Agreement (TSA), the second Party will transfer of Technology to Mr. Elisha George Mbago in the context of the Mine phases (See below; notably Exploration, Discovery, Development, Production and Reclamation.



**Figure 1: Sequence of Stages in the Mining Industry notably exploration, discovery, development, production and reclamation**

## **2.0 TECHNOLOGY TRANSFER ON EXPLORATION AND PROSPECTING**

Technology transfer in exploration and prospecting involves sharing knowledge, skills, and technologies related to finding and assessing mineral resources. This process aims to improve the efficiency, accuracy, and sustainability of exploration activities, often by introducing advanced tools and techniques from one entity to another.

Key aspects of technology transfer in exploration and prospecting:

- **Transfer of knowledge and skills:**

This includes sharing expertise in geological mapping, geophysical surveys, geochemical analysis, and data interpretation.

- **Introduction of new technologies:**

This can involve the adoption of advanced equipment like drones for aerial surveys, high-resolution imaging systems, and sophisticated software for data processing and modeling.

- **Focus on sustainability:**

Technology transfer can also facilitate the adoption of environmentally friendly exploration practices, minimizing the impact on the environment.

- **Improved efficiency and accuracy:**

By leveraging new technologies and knowledge, exploration efforts can become more efficient, leading to faster identification of promising mineral deposits and more accurate resource assessments.

Examples of technology transfer in exploration:

- **Remote sensing technologies:**

Drones and satellites equipped with advanced sensors can be used to map large areas quickly and efficiently, identifying potential 矿床 (ore deposits) based on spectral data.

- **Geophysical surveying techniques:**

Methods like seismic surveys, gravity surveys, and magnetic surveys can be used to map subsurface geological structures and identify potential 矿床, often with the help of specialized software for data processing and interpretation.

- **Geochemical analysis:**

Advanced techniques like laser-induced breakdown spectroscopy (LIBS) can be used to rapidly analyze the chemical composition of rocks and minerals, helping to identify promising

- **Data management and analysis:**

Software platforms can be used to store, manage, and analyze large datasets generated during exploration, improving decision-making and resource assessment.

Benefits of technology transfer:

- **Increased exploration success:**

By using advanced technologies and knowledge, exploration efforts can be more successful in identifying new mineral deposits.

As highlighted in Technical Support Agreement (TSA Document) M/s **Gecko Tanzania Investment** Limited of P.O. Box 16327 Dar ES Salaam the Company will facilitate Mr. Elisha with all such necessary tools and Equipment for conducting Prospecting and Exploration operations and activities on PML00612KGM, PML00613KGM and PML00612KGM respectively.

### **3.0 TECHNOLOGY TRANSFER ON PLANNING AND EVALUATION**

Planning and evaluation in a limestone quarry involves a multi-faceted approach that includes assessing the limestone deposit, optimizing quarry operations, and considering environmental impacts. This process ensures efficient resource extraction while minimizing negative consequences.

Here's a breakdown of key aspects:

1. Deposit Assessment and Planning:

- **Geological Surveys and Modeling:**

Detailed geological surveys are crucial to understand the extent, quality, and structure of the limestone deposit. This includes core drilling, geological mapping, and the creation of 3D block models to visualize the deposit and estimate reserves.

- **Quality Control:**

Analyzing the limestone's chemical composition (e.g., MgO content) and physical properties is essential for determining its suitability for various applications (e.g.,

cement production). This may involve testing core samples and statistical analysis.

- **Long-Term Production Planning:**

Based on the deposit's characteristics and market demand, long-term production plans are developed. This includes determining optimal bench levels, extraction sequences, and production rates.

- **Optimization Software:**

Modern quarrying relies on software that incorporates block models and mathematical algorithms to optimize long-term production planning, taking into account geological uncertainties and market demands.

## 2. Operational Planning and Evaluation:

- **Blasting Plans:**

Blasting is a critical part of limestone extraction. Planning involves determining optimal blast patterns, charge weights, and delay sequences to maximize fragmentation and minimize ground vibration and fly rock.

- **Bench Design:**

Bench design (the steps or levels in the quarry) is planned to facilitate safe and efficient extraction, taking into account factors like slope stability and equipment accessibility.

- **Resource Management:**

Efficient resource management involves optimizing material handling, transportation, and processing to minimize waste and maximize the utilization of extracted limestone.

- **Infrastructure Development:**

Planning for necessary infrastructure like haul roads, processing plants, and power supply is crucial for smooth operations.

## 3. Environmental Planning and Evaluation:

- **Environmental Impact Assessment (EIA):**

Before quarrying begins, an EIA is conducted to assess potential environmental impacts, including air and water quality, noise pollution, and impacts on biodiversity.

- **Rehabilitation Planning:**

Rehabilitation plans are developed to restore the quarry site after extraction, including backfilling, contouring, and revegetation.

- **Monitoring and Mitigation:**

Regular monitoring of environmental parameters (air quality, water quality, noise levels) and implementation of mitigation measures are essential to minimize environmental impacts.

- **Community Engagement:**

Engaging with local communities and addressing their concerns is an important part of the planning process.

4. Evaluating Performance:

- **Conformity Indexes:**

Procedures like those described in [ScienceDirect](#) can be used to evaluate the conformity of quarry operations to established standards and best practices.

- **Key Performance Indicators (KPIs):**

KPIs like production rates, material utilization, and environmental compliance are tracked to assess the effectiveness of planning and operations.

- **Regular Reviews:**

Regular reviews of quarry operations and environmental performance are essential for identifying areas for improvement and ensuring sustainable practices.

As elaborated in the Technical Support Agreement (TSA Document) M/s **Gecko Tanzania Investment** Limited of P.O. Box 16327 Dar ES Salaam the Company will facilitate Mr. Elisha with all such necessary tools and Equipment for conducting Planning and Evaluation operations and activities on PML00612KGM, PML00613KGM and PML00612KGM respectively.

## 4.0 TECHNOLOGY TRANSFER ON CONSTRUCTION

Technology transfer in construction involves the process of transferring knowledge, skills, and technologies from one entity (e.g., a company, country, or research institution) to another within the construction industry. This process is crucial for innovation, efficiency, and economic development, particularly in developing countries.

Key Aspects of Technology Transfer in Construction:

- **Definition:**

Technology transfer in construction is an active process of moving technology (including knowledge, skills, and physical tools) from one unit to another.

- **Forms:**

It can take various forms, including setting up subsidiaries, joint ventures, supply of equipment with training, and counterpart training.

- **Barriers:**

Obstacles to effective technology transfer can include lack of clear policies, language barriers, cultural differences, and inadequate training.

- **Importance:**

Technology transfer fosters innovation, improves construction processes, and helps local contractors in developing countries catch up with global advancements.

- **Examples:**

Transfer can involve the use of new materials, construction methods, or digital technologies like Building Information Modeling (BIM).

- **Benefits:**

Technology transfer can lead to increased productivity, improved safety, and more sustainable construction practices.

In essence, technology transfer in construction is a dynamic process that enables the sharing of knowledge and expertise to drive progress and development within the industry globally.

## 5.0 TECHNOLOGY TRANSFER ON REHABILITATION AND RECLAMATION

Technology transfer in rehabilitation and reclamation involves sharing knowledge, techniques, and practices to restore degraded ecosystems, manage water resources, and address environmental challenges. This process ensures that innovative solutions are effectively implemented across different regions and contexts to achieve sustainable land management and environmental goals.

Key Aspects of Technology Transfer in Rehabilitation and Reclamation:

- **Knowledge Sharing:**

Facilitating the exchange of information about successful restoration techniques, sustainable land management practices, and innovative technologies for environmental remediation.

- **Capacity Building:**

Providing training and support to local communities and stakeholders to effectively utilize and adapt transferred technologies.

- **Pilot Projects and Demonstrations:**

Implementing on-the-ground projects to showcase the effectiveness of new technologies and methodologies in real-world settings.

- **Partnerships and Collaboration:**

Fostering collaboration between researchers, practitioners, policymakers, and local communities to ensure the successful transfer and implementation of technologies.

- **Monitoring and Evaluation:**

Establishing mechanisms to track the progress and impact of technology transfer initiatives and make necessary adjustments.

Examples of Technology Transfer in Rehabilitation and Reclamation:

- **Sustainable Land Management (SLM) Technologies:**

Sharing knowledge and practices related to SLM techniques, such as soil conservation, water harvesting, and agroforestry, to combat desertification and land degradation.

- **Environmental Restoration Technologies:**

Transferring technologies for treating contaminated sites, such as bioremediation, phytoremediation, and in-situ chemical oxidation, to restore degraded ecosystems.

- **Water Management Technologies:**

Sharing knowledge about efficient irrigation techniques, water purification methods, and water-wise landscaping to improve water resource management.

- **Climate-Smart Agriculture Technologies:**

Transferring technologies that help farmers adapt to changing climate conditions, such as drought-resistant crops, climate-resilient farming practices, and early warning systems.

Benefits of Technology Transfer:

- **Improved Environmental Outcomes:**

Facilitates the restoration of degraded ecosystems, reduces pollution, and conserves natural resources.

- **Enhanced Socioeconomic Development:**

Supports sustainable livelihoods, creates new economic opportunities, and improves community well-being.

- **Increased Resilience:**

Helps communities adapt to climate change and other environmental challenges, making them more resilient to future shocks.

- **Reduced Costs:**

Can lead to more efficient and cost-effective approaches to environmental management and restoration.

- **Achievement of Sustainable Development Goals:**

Contributes to the achievement of numerous Sustainable Development Goals (SDGs), such as those related to climate action, poverty eradication, food security, and sustainable cities.

As explained in Technical Support Agreement (TSA Document) M/s **Gecko Tanzania Investment** Limited of P.O. Box 16327 Dar ES Salaam the Company will facilitate Mr. Elisha with all such necessary tools and Equipment for conducting Rehabilitation and Reclamation operations and activities on PML00612KGM, PML00613KGM and PML00612KGM respectively.