# Ripoti Yekutanga YemaESIA Ye-Kamativi Mining Company

Kamativi Mining Company(Pvt)Ltd
Unit 4A, 2 Iona Close Borrowdale Road, Harare
kmc@scyahua.com

**Zviri Mukati (Musoro Wenyaya)**

# Contents


**1.0 Nhanganyaya** ..... 3

**2.0 Tsanangudzo Yakazara Yechirongwa Chiri Kurongwa** ..... 3

**2.1 Musoro Wechirongwa** ..... 3

**2.2 Mwene Wechirongwa (Proponent)** ..... 3

**2.3 Nzvimbo Yechirongwa** ..... 3

**2.4 Mhando Nenguva Yechirongwa** ..... 3

- **2.4.1 Ongororo yeMugodhi (Exploration):** ..... 3
- **2.4.2 Chokochoko chePamusoro (Open-pit mining):** ..... 3
- **2.4.3 Kugadzirwa Kwezvimakoni/Mabwe (Ore processing):** ..... 3
- **2.4.4 Kuchera Mvura (Water abstraction):** ..... 3
- **2.4.5 Zvivakwa Zvekutsigira (Support infrastructure):** ..... 3

**2.5 Hupenyu Hwechirongwa** ..... 4

**2.6 Pfupiso Yekugadzirwa Kwekugoverwa KweMvura** ..... 4

**3.0 Kuonekwa Kwekutanga Kwezvipfukuto Zvinobvira Panzvimbo Yechisiko Nezvemagariro Uye Matanho Ekufuta** ..... 4

**4.0 Tsanangudzo YeDanho Ye-ESIA, Nguva NaMagonzero Nevakakosha** ..... 5

**4.1 Matanho Ye-ESIA** ..... 5

- **4.1.1 Kuongorora Nekutara Mipaka (Screening and Scoping):** ..... 5
- **4.1.2 Kuunganidza Zvinyorwa Zvekuambotanga (Baseline Data Collection):** ..... 5
- **4.1.3 Kutara Zvinokanganisa Ongororo Yekukosha Kwazvo:** ..... 5
- **4.1.4 Basa Nevagari Nevakakosha:** ..... 5
- **4.1.5 Kugadzirwa Kwe-ESIA Yekuambotanga:** ..... 5

**4.1.6 Kutumira ku-Environmental Management Agency (EMA) Kuti Ionororwe neKupiwa Rezenisi.** ..... 5

- **4.1.7 Kushanda Nekutarisira (Implementation and Monitoring):** ..... 5

**4.2 Nguva Yakatarwa** ..... 5

**4.3 Mukana Wekupinda Pano Wevanoita Basa** ..... 6

**5.0 Zvinyorwa Zvekubata Nazvo Vafambisi Ve-ESIA** ..... 6

6.0 Mhedziso ..... 6

## 1.0 Nhanganyaya

Gwaro iri rinoshanda seripoti yekutanga yekuongorora zvingakanganisa nharaunda nemagariro ehavani (Environmental and Social Impact Assessment - ESIA) yechirongwa che-Kamativi Lithium-Based Minerals Exploration, Mining and Processing Ore Mine Project yakagadzirwa zvichienderana nemutemo we-Environmental Management Act [Chapter 20:27] nemitemo inoenderana nawo. Inobatanidza zvinhu zvinozoongororwa kubva mu-KMC ESIA Addendum Report (2025) ne-Feasibility Study of Zimbabwe KMC Kamativi Lithium Polymetallic Ore Mine Project (2024).

## 2.0 Tsanangudzo Yakazara Yechirongwa Chiri Kurongwa

### 2.1 Musoro Wechirongwa

Ongororo, Kuchera neKugadzira Mabwe e-Lithium mu-Kamativi (Kamativi Lithium-Based Minerals Exploration, Mining and Processing).

### 2.2 Mwene Wechirongwa (Proponent)

**Kamativi Mining Company (Pvt) Ltd**
4A, 2 Lona Close, Borrowdale Road, Harare
**Vanhu Vekubata Navo:**

- Mr Jianguo Ye — Nhamba dzenhare: +263 775 827 384
- Mr Liang (Mubatanidzi we-ESIA) — Nhamba dzenhare: +263 775 827 384

### 2.3 Nzvimbo Yechirongwa

Mugodhi uchawanikwa mu-Ward 11, Dunhu re-Hwange, mudunhu re-Matabeleland North, ungafamba makiromita makumi maviri nemapfumbamwe (29 km) kumabvazuva kwe-Cross Dete. Zvivakwa zvekuchera mvura zvichasanganisira mupata we-Gwayi River, dziva riripo re-Kamativi Dam nedziva idzva riri kurongwa kuvakwa ne-Kamativi Mining Company pazasi sedziva guru lekuchera mvura.

### 2.4 Mhando Nenguva Yechirongwa

Chirongwa chinosanganisira:

- **2.4.1 Ongororo yeMugodhi (Exploration):** Kuongorora mabwe e-pegmatite ane spodumene.
- **2.4.2 Chokochoko chePamusoro (Open-pit mining):** Kuchera kwezvimakoni zve-spodumene pegmatite pakachena.
- **2.4.3 Kugadzirwa Kwezvimakoni/Mabwe (Ore processing):** Kukuya, kupuputsa (flotation), kupatsanura nesimbi dzemagineti (magnetic separation) nekutarisira marara emugodhi (tailings handling).
- **2.4.4 Kuchera Mvura (Water abstraction):** Kuchera mvura nekushandisa pombi dzinoyangarara pamvura (floating-pump intake) kuona kuti mvura iripo gore rose.
- **2.4.5 Zvivakwa Zvekutsigira (Support infrastructure):** Mugwagwa yekupinda mairi, maworkshop, nzvimbo dzekuchengetera makemikari (reagents), nezvivakwa zvekutungamira basa (administrative facilities).
-

## 2.5 Hupenyu Hwechirongwa

Chirongwa ichi chakarongwa kushanda kwenguva inosvika makore gumi neshanu (15 years), ichiitwa muzvikamu zviviri zvekubudisa zvigadzirwa (0.6 Mt → 2.0 Mt yemabwe pagore).

## 2.6 Pfupiso Yekugadzirwa Kwekugoverwa KweMvura

Zvichienderana ne-Feasibility Study yakaitwa ne-China Nerin:

- Inodiwa yemvura yakawanda pakambani: $\approx 42{,}915\ \text{m}^3$/pazuva.
- Chikamu chinoshandiswa zvakare (Recycling rate): 93%.
- Mvura itsva inocherwa: $7{,}200\ \text{m}^3$/pazuva kubva mu-Kamativi Reservoir nedziva idzva liri pamusoro (#1 supplementary dam).
- Mvura inoshandiswa semubatsiro: Mupata we-Gwayi River (#2 make-up water) kuburikidza nepombi ye-DN300 HDPE yakareba makiromita anenge 2.
- Nzira yekuchera: Pombi dzinoyangarara ($Q = 150\ \text{m}^3$/paihora, $H = 110$ m, $N = 110$ kW) inosanganisira mutshina wekuchenesa mvura (une simba re $7{,}200\ \text{m}^3$/pazuva).
-

## 3.0 Kuonekwa Kwekutanga Kwezvipfukuto Zvinobvira Panzvimbo Yechisiko Nezvemagariro Uye Matanho Ekufuta

| Nzvimbo Yezvinetso | Zvingakanganisika | Danho Rinoshandiswa Kufuta / Kudzora |
|---|---|---|
| **Zvimiro Zvemvura** | Kuchinja kweyereso yemvura yepamashure; kushatiswa nemvura inobva kubasa | Kuvaka madziva e-tailings akafekwa makasi anodzivirira (lined) ane chirongwa chekudzorera mvura; kuchenesa mvura mbisi neinodhiraivha tsvina nekushandisa ama-clarifier akasanganiswa kuti ishandiswezve pakugadzira nekovharira kuti mvura yemangange isaerera kunharaunda kana mumapani. |
| **I-Hydrology / Kuungana Kwevhu** | Kuwanda kwevhu panguva yekuvaka neyekuchera mvura | Kuisa ma-silt traps nemadziro e-gabion; kuramba uchigadziridza nzvimbo dzakaparadzwa. |
| **Mhando Yemvura Yemupasi (Groundwater)** | Kubuda kwemvura mu-TSF kana munzvimbo dzekuchengetera mafuta | Kuisa ma-HDPE geomembrane mu-TSF; kuongorora mvura yemupasi chikamu chiri chose chemwedzi mitatu. |
| **Mhepo Neruzha (Noise)** | Huruva nekuvhutika kwekudhirika kwemabwe | Kumwaya mvura, kuronga nguva dzekuputitsa mabwe, kufeva zvinodzivirira muviri (PPE) nemagetsi ekunyevera vagari. |
| **Zvisikwa Nezvinomera (Biodiversity)** | Kurasika kwezvinomera nekukanganiswa kwezvipuka zviri mumvura | Kutara nekunzvenga nzvimbo dzakakosha; kudyarazve zvinomera zvemo munzvimbo dzakachengetedzwa (buffer zones). |
| **Kutarisirwa Kwemarara (Waste management)** | Kubudiswa kwemarara anotyisa neepamusha | Kupatsanura marara paanobva; kurasa nekushandisa makambani ane marezenisi zvinoenderana ne-SI 6 ye-2007. |

| | | |
|---|---|---|
| **Utano Nekuchengetedzeka Kubasa (OSH)** | Njodzi, kubatana nehuruva kana makemikari | Kushandisa chirongwa che-SHE; kupa vashandi ma-PPE; kudzidzisa nguva dzese nekuongorora utano hwevashandi. |
| **Zveupfumi Nemagariro** | Zvinetso zvekutamiswa kwevanhu, kudzvanyirirwa kwebasa | Kugadzira mitemo yekutora vashandi vemo; zvirongwa zvinobatsira nharaunda ne-CSR (zvigayo zvemvura/maboring, mvura dzezvikoro, rubatsiro kumakiriniki). |
| **Nhaka Yetsika (Cultural heritage)** | Kukanganiswa kwenzvimbo dzenhaka | Kushandisa nzira ye-"chance to find"; kubata ne-National Museums and Monuments Zimbabwe. |
| **Zvikanganiso Zvinoungana (Cumulative effects)** | Kucherwa kwemvura nekuraswa kwemarara | Kuchengetedza ongororo inoshanduka yakabatana nezvibvumirano zve-ZINWA. |

## 4.0 Tsanangudzo YeDanho Ye-ESIA, Nguva NaMagonzero Nevakakosha

### 4.1 Matanho Ye-ESIA

- **4.1.1 Kuongorora Nekutara Mipaka (Screening and Scoping):** Kutara danho re-ESIA ne-Terms of Reference zvakatenderwa ne-EMA.
- **4.1.2 Kuunganidza Zvinyorwa Zvekuambotanga (Baseline Data Collection):** Kuongorora zvimiro zvemutsika, mvura, nemagariro munguva yekunaya neyakaoma.
- **4.1.3 Kutara Zvinokanganisa Ongororo Yekukosha Kwazvo:** Kushandisa ma-matrices nema-checklists (zvichienderana ne-Statutory Instrument 7 ye-2007).
- **4.1.4 Basa Nevagari Nevakakosha:** Musangano ne-Hwange Rural District Council, ZINWA, EMA, nharaunda dzemo, nesadunhu/madzishe.
- **4.1.5 Kugadzirwa Kwe-ESIA Yekuambotanga:** Kusanganisa mhedzisiro yekuedza basa nematanho ekufuta.

**4.1.6 Kutumira ku-Environmental Management Agency (EMA) Kuti Ionororwe neKupiwa Rezenisi.**

- **4.1.7 Kushanda Nekutarisira (Implementation and Monitoring):** Environmental Management Plan, kuendesa mberi basa, ma-audit emuchidimbu nekupa marepoti.
-

### 4.2 Nguva Yakatarwa

| Basa | Nguva Inofungidzirwa | Nguva Yainoitwa |
|---|---|---|
| **Scoping neKutenderwa kwe-TOR** | Masvondo 8 | Ndira–Kukadzi (Jan–Feb) 2025 |
| **Dzidzo dzekutanga nebasa repasi** | Masvondo 20 | Kurume–Chyamubvu (Mar–Jul) 2025 |
| **Ripoti Yekuambotanga Ye-ESIA (Draft)** | Masvondo 4 | Nyamavhuvhu (Aug) 2025 |
| **Hurukuro nevakakosha** | Masvondo 4 | Gunyana (Sep) 2025 |
| **Kugadzirwa kwe-ESIA izere** | Masvondo 4 | Gumiguru (Oct) 2025 |
| **Kuongorora kwe-EMA nesarudzo** | Masvondo 8 | Mbudzi–Zvita (Nov–Dec) 2025 |
| **Kushanda kwe-EMP nekutarisira** | Inoenderera mberi | Kutanga Ndira (Jan) 2026 |

| | | |
|---|---|---|
| | | |

## 4.3 Mukana Wekupinda Pano Wevanoita Basa

- Zviziviso kuruzhinji pamabhodhi ezviziviso zvemo.
- Misangano yeongororo mu-Kamativi, Cross Dete nekanzuru ye-Hwange RDC.
- Hurukuro dze-Focus groups nevagari, vanomiririra zvikoro nemakirinki.
- Nzira dzekupindura nadzo ne-email (liangdexi321@gmail.com) nefoni (+263 775 827 384).
- Kubudiswa kwe-draft ESIA kwemazuva makumi maviri neimwe (21 days) kuti veruzhinji vaiongorore asati atumirwa.
-

## 5.0 Zvinyorwa Zvekubata Nazvo Vafambisi Ve-ESIA

| Basa / Mhosva | Zita / Sangano | Zvinyorwa Zvekubata Nazvo |
|---|---|---|
| **Mwene Wechirongwa** | Kamativi Mining Company (Pvt) Ltd | 4A, 2 Lona Close, Borrowdale Road, Harare |
| **Mufambisi Mukuru / Akatenderwa** | Mr Jianguo Ye | Nhamba dzenhare: +263 775 827 384 |
| **Mutungamiri Wezvakatipoteredza (ESIA Coordinator)** | Mr Liang | Email: liangdexi321@gmail.com<br><br>Nhamba dzenhare: +263 775 827 384 |
| **Nyanzvi Yezvakatipoteredza (Environmental Consultant)** | Geovannah Consultancy (Pvt) Ltd – Lead Consultant Mr Albert Jaya (Environmentalist) | Hofisi yeHarare; Akapihwa basa rekugadzira ESIA nekubata neEMA |
| **Utungamiri Hwemutemo** | Environmental Management Agency (EMA) – Head Office Harare | Kutarisira nekupa zvitupa |

## 6.0 Mhedziso

Chirongwa chiri kurongwa che-Kamativi Mining Company chine zvimiro zvakatipoteredza nezvetekinoroji zvinokwanisa kutarisirwa. ESIA iri kuuya ichaverenga nekusimbisa zvinetso zvatsanangurwa pano nematanho ekufuta akaenzana ne-Environmental Management Act [Chapter 20:27], SI 7 ye-2007 nemazano akanaka emunyika dzese.

Kamativi Mining Company(Pvt)Ltd
Unit 4A, 2 Iona Close Borrowdale Road, Harare
kmc@scyahua.com