# **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **FORM SD**

SPECIALIZED DISCLOSURE REPORT

# QuickLogic Corporation (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-22671 (Commission File Number)

77-0188504 (IRS Employer Identification No.)

2220 Lundy Avenue, San Jose, CA (Address of principal executive offices) 95131-1816 (Zip Code)

Elias Nader Chief Financial Officer and Senior Vice-President, Finance (408) 990-4000

(Name and telephone number, including area code, of the person to contact in connection with this report)

Check the appropriate box to indicate the rule pursuant to which this form is being filed, and provide the period to which the information in this form applies:

Rule 13p-1 under the Securities Exchange Act (17 CFR 240.13p-1) for the reporting period from January 1, 2023 to December 31, 2023. Rule 13q-1 under the Securities Exchange Act (17 CFR 240.13q-1) for the fiscal year ended
1

#### Section 1 - Conflict Minerals Disclosure

#### **Item 1.01 Conflict Minerals Disclosure and Report**

#### **Conflict Minerals Disclosure**

QuickLogic Corporation ("QuickLogic", "we" or the "Company") is filing this Form SD pursuant to Rule 13p-1 under the Securities Exchange Act of 1934 for the reporting period from January 1, 2023 to December 31, 2023 (the "*Reporting Period*").

Rule 13p-1, through Form SD, requires the disclosure of certain information if a company manufactures or contracts to manufacture products for which certain "conflict minerals" (as defined below) are necessary to the functionality or production of such products. Form SD defines "conflict minerals" as: (i)(a) columbite-tantalite (or coltan, the metal ore from which tantalum is extracted), (b) cassiterite (the metal ore from which tin is extracted), (c) gold, and (d) wolframite (the metal ore from which tungsten is extracted), or their derivatives, which are currently limited to tantalum, tin, and tungsten; or (ii) any other mineral or its derivatives determined by the U.S. Secretary of State to be financing conflict in the Democratic Republic of the Congo or an "adjoining country," as such term is defined in Form SD (collectively, the "Covered Countries").

The Company's operations may at times manufacture, or contract to manufacture, products for which conflict minerals are necessary to the functionality or production of those products (collectively, the "Covered Products"). As required by Form SD, the Company has conducted a good faith reasonable country of origin inquiry ("RCOI") regarding the conflict minerals included in its Covered Products during the Reporting Period to determine whether any such Conflict Minerals originated in the Covered Countries and/or whether any of the Conflict Minerals were from recycled or scrap sources. Where applicable, the Company has conducted additional due diligence regarding the sources of the Conflict Minerals. The results of the Company's RCOI regarding the Conflict Minerals, as well as its additional due diligence regarding the sources of such Conflict Minerals, are contained in the Company's Conflict Minerals Report, a copy of which is filed as Exhibit 1.01 to this Form SD, and is publicly available at http://ir.quicklogic.com. The reference to the Company's website is provided for convenience only, and its contents are not incorporated by reference into this Form SD, nor are they deemed "filed" with the U.S. Securities and Exchange Commission pursuant to the Exchange Act or the Securities Act of 1933, as amended.

# Item 1.02 Exhibit.

The Company's Conflict Minerals Report is included as Exhibit 1.01 to this Form SD.

#### Section 2 - Resource Extraction Issuer Disclosure

Not applicable.

Section 3 - Exhibits

Item 3.01 Exhibits.

Exhibit 1.01 Conflict Minerals Report for the reporting period of January 1, 2023 to December 31, 2023.

# SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the duly authorized undersigned.

Date: June 21, 2024 QuickLogic Corporation

/s/ Elias Nader

Elias Nader

Chief Financial Officer, and Senior Vice-President, Finance

# QuickLogic Corporation Conflict Minerals Report For The Reporting Period from January 1, 2023 to December 31, 2023

#### Introduction

This Conflict Minerals Report (the "Report") of QuickLogic Corporation ("QuickLogic", "we", "our", or the "Company") has been prepared pursuant to Rule 13p-1 and Form SD (the "Rule") promulgated under the Securities Exchange Act of 1934, as amended, for the reporting period January 1, 2023 to December 31, 2023 (the "Reporting Period").

Rule 13p-1, through Form SD, requires the disclosure of certain information if a company manufactures or contracts to manufacture products for which certain "conflict minerals" (as defined below) are necessary to the functionality or production of such products. Form SD defines "conflict minerals" as: (i)(a) columbite-tantalite (or coltan, the metal ore from which tantalum is extracted), (b) cassiterite (the metal ore from which tin is extracted), (c) gold, and (d) wolframite (the metal ore from which tungsten is extracted), or their derivatives, which are currently limited to tantalum, tin, and tungsten; or (ii) any other mineral or its derivatives determined by the U.S. Secretary of State to be financing conflict in the Democratic Republic of the Congo or an "adjoining country," as such term is defined in Form SD (collectively, the "Covered Countries"). The "Covered Countries" for purposes of the Rule and this Report are the Democratic Republic of Congo (the "DRC"), the Republic of Congo, the Central African Republic, South Sudan, Uganda, Rwanda, Burundi, Tanzania, Zambia and Angola.

Our operations may at times manufacture, or contract to manufacture, products for which conflict minerals are necessary to the functionality or production of those products (collectively, the "Covered Products"). As required by Form SD, we have conducted a good faith reasonable country of origin inquiry ("RCOI") regarding the conflict minerals included in its Covered Products during the Reporting Period to determine whether any such Conflict Minerals originated in the Covered Countries and/or whether any of the Conflict Minerals were from recycled or scrap sources. Where applicable, we have conducted additional due diligence regarding the sources of the Conflict Minerals. The results of our RCOI regarding the Conflict Minerals, as well as our additional due diligence regarding the sources of such Conflict Minerals, are contained in this Report, which is publicly available at http://ir.quicklogic.com. The reference to the Company's website is provided for convenience only, and its contents are not incorporated by reference into this Form SD, nor are they deemed "filed" with the U.S. Securities and Exchange Commission pursuant to the Exchange Act or the Securities Act of 1933, as amended.

# Overview

QuickLogic Corporation is a fabless semiconductor provider of comprehensive, flexible sensor processing solutions, ultra-low power display bridges, and ultra-low power Field Programmable Gate Arrays. The Company enables Original Equipment Manufacturers ("*OEMs*") to maximize battery life for highly differentiated, immersive user experiences with Smartphone, Wearable, Hearable, Tablet, and Internet-of-Things or IoT hardware products, and Military, Aerospace, and Defense products. QuickLogic delivers these benefits through industry leading ultra-low power customer programmable System on Chip semiconductor solutions, embedded software, and algorithm solutions for always-on voice and sensor processing. The Company's wholly owned subsidiary, SensiML Corp. ("*SensiML*"), provides Analytics Toolkit, which is used in many of the applications where the Company's ArcticPro<sup>TM</sup>, eFPGA intellectual property plays a critical role. SensiML Analytics toolkit is an end-to-end software suite that provides OEMs a straightforward process for developing pattern matching sensor algorithms using machine learning technology that are optimized for ultra-low power consumption.

The Company conducted an analysis of the products that it contracted to be manufactured during the Reporting Period and reasonably determined certain Conflict Minerals, primarily gold, tantalum, tin, and tungsten, are necessary to the functionality or production of the majority of its products.

#### Description of the Company's Reasonable Country of Origin Inquiry

As described in this Report, we have determined that the following Conflict Minerals, namely gold, tantalum, tin and tungsten, are necessary to the functionality or production of products contracted to be manufactured by us during the Reporting Period. As a result, we conducted in good faith a reasonable country of origin inquiry ("RCOI") reasonably designed to determine if any of these Conflict Minerals originated in the Covered Countries and whether any of the Conflict Minerals may be from recycled or scrap sources, in accordance with Form SD and related guidance provided by the Securities and Exchange Commission ("SEC"). Our supply chain is complex and there are many third parties in the supply chain between the ultimate manufacturer of the Covered Products and the original sources of Conflict Minerals. The Company does not directly purchase Conflict Minerals from mines, smelters or refiners. Therefore, the Company must rely on suppliers to provide information regarding the country of origin of Conflict Minerals that are included in the Covered Products. In designing our RCOI, we employed a combination of measures to determine whether the Conflict Minerals in our Covered Products originated from the Covered Countries and determined that the Company would survey each of its Tier 1 suppliers.

As such, our RCOI primarily consisted of utilizing the Conflict Minerals Reporting Template (\*CMRT\*) prepared by the Responsible Minerals Initiative ("RMI"), an initiative of the Responsible Business Alliance and Global e-Sustainability Initiative for Tier 1 suppliers of our devices in 2023. Only CMRT's 6.31 or higher were accepted. Responses were reviewed for completeness, reasonableness and consistency, and we routinely followed up for any corrections and clarifications. During 2023, we contracted with Source 44 LLC dba Source Intelligence, a third-party vendor to coordinate the efforts of receiving and analyzing the CMRTs. Through Source Intelligence's database, we received detailed information regarding the smelters/refiners and associated mine countries reported in our supply chain.

We submitted this template to four (4) Tier 1 suppliers and received a 100% response rate. Of these responding suppliers, 100% indicated one or more of the Conflict Minerals are necessary to the functionality or production of the products supplied.

# Description of the Company's Due Diligence Process

Based on this information, we performed additional due diligence on the source and chain of custody of these Conflict Minerals. The Company's due diligence measures have been designed to conform to the framework in the Organization for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chain of Minerals from Conflict-Affected and High Risk Areas: Second Edition, including the related supplements on gold, tin, tantalum and tungsten (the **DECD** Guidance"). The OECD Guidance is an internationally recognized due diligence framework.

In accordance with the five-step OECD Guidance, the design of our due diligence includes, but is not limited to, the following five steps: (i) establishment of strong company management systems, (ii) identification and assessment of risks in the supply chain, (iii) designing and implementing a strategy to respond to identified risks, (iv) carrying out an independent third-party audit of smelter/refiner's due diligence practices and (v) reporting on supply chain due diligence. A description of certain activities undertaken by us in respect of each of the five steps of the OECD Guidance is described below.

# 1. Establishment of Strong Company Management Systems

We have completed a number of steps to establish a management system for addressing the sourcing of Conflict Minerals in our Covered Products. These actions include:

a. Adopt and Commit to a Supply Chain Policy for Conflict Minerals: Our Conflict Minerals Policy is available at <a href="https://www.quicklogic.com/support/conflict-minerals-policy/">https://www.quicklogic.com/support/conflict-minerals-policy/</a>. Our Policy underscores the Company's commitment to ethical business conduct and the responsible sourcing of minerals and to working with our suppliers to ensure compliance with SEC regulations.

Our Policy notes the Company's support of the industry-wide efforts the Responsible Business Alliance and Global e-Sustainability Initiative are making to address responsible sourcing of minerals through the development of the Responsible Minerals Initiative. Our policy discusses the Company's adoption and use of the industry-standard CMRT created by the Responsible Business Alliance and Global e-Sustainability Initiative to collect sourcing information related to conflict minerals as an element of our reasonable country of origin inquiry to verify the responsible sourcing of materials and to support compliance with SEC regulations. Listed below under the Findings are the results of the sourcing of minerals provided by the Tier 1 suppliers.

- b. Internal Management to Support Supply Chain Due Diligence Our Vice President of Operations participates in the design and execution of our conflict minerals program and cooperates to manage and support our supply chain due diligence. The VP of Operations identified the suppliers to be contacted and adopted and approved for use the Reporting Template discussed above. The VP of Operations interacts directly with our suppliers and third party, Source Intelligence, to obtain updated and current Reporting Templates and analyzes the information provided on the sourcing of the conflict minerals used in the manufacture of the Covered Products. Each response is reviewed to identify missing information and unclear responses. The VP of Operations meets regularly with Source Intelligence to discuss the results of the due diligence efforts and appropriate follow-up measures to be taken with our suppliers. The Vice President of Operations reports on the status of the Company's supply chain due diligence at regularly scheduled meetings of the Company's Board of Directors.
- c. Controls and Transparency to Support Supply Chain Diligence We use the CMRT to identify the smelters and refiners that are in the supply chain of each of our suppliers. We review and compare this list to the list of smelters and refiners identified by the Responsible Minerals Initiative to be eligible, active, or conformant in its Responsible Minerals Assurance Process ("RMAP"). This enables us to identify the smelters and refiners that have been determined to be in conformance with the applicable RMI standards and those that are currently undergoing assessment or are eligible for assessment as a part of the RMI's RMAP. We use Source Intelligence's database to further verify the smelter/refiners sourcing information. We have determined that this approach represents the most reasonable effort we can make to determine whether the minerals used in the production of our Covered Products are conflict-free.
- d. Supplier Engagement: We are dependent upon our suppliers to manufacture the Covered Products. We continue to work with our suppliers to support their efforts to identify the sources and status of the Conflict Minerals used in our Covered Products and to encourage each smelter and refiner in our supply chain to undergo RMAP assessment or continue previously established conformance with RMI standards. We continue to actively engage with our suppliers to strengthen our relationship with them and we have communicated to them our commitment to sourcing Conflict Minerals in a manner that does not benefit armed groups in the Covered Countries.
- e. **Grievance Mechanism**: We have grievance mechanisms in place that enable employees and suppliers to report violations of the Company's policies. We have a compliance hotline which is operated by an independent company that may be called at any time to report grievances and invite individuals with grievances to bring these matters to the attention of the Audit Committee of our Board of Directors by written correspondence on a confidential basis. We also employ an email address by which matters may be brought at any time to the attention of the VP of Operations by sending an email to <a href="mailto:conflictminerals@quicklogic.com">conflictminerals@quicklogic.com</a>.

# 2. Identification and Assessment of Risks in the Supply Chain

Because of our position within our supply chain, it is difficult to identify actors upstream from our Tier 1 suppliers. As discussed above, we identified Tier 1 suppliers and we have relied upon them to provide us with the necessary information about the source of Conflict Minerals contained in the products they manufacture on our behalf. Our suppliers are similarly reliant upon information provided by their suppliers to provide information regarding the country of origin of Conflict Minerals that are included in the Covered Products.

We request each of them to complete the CMRT and review the sourcing information provided in response to our requests for accuracy and completeness. In the event we find the responses to the Reporting Template unclear or incomplete, we contact the supplier in question for additional information and clarification. In some cases, we may contact the smelter or refiner directly to obtain information. We intend to contact each of our suppliers at least once per year to check on the status of their continuing due diligence and to obtain updated information. We record all information obtained from the CMRT to identify the smelters and refiners in our supply chain. The list of the smelters and refiners in our supply chain are verified against the lists compiled by the Responsible Minerals Initiative, TI-CMC, LBMA and RJC to determine which smelters and refiners have been determined to be compliant with the Responsible Minerals Assurance Process assessment protocols and certifications.

#### 3. Designing and Implementing a Strategy to Respond to Identified Risks

In response to this risk assessment, the Company has an approved risk management plan which is implemented, managed, and monitored by the Vice President of Operations under the oversight of our Board of Directors. Any identified potential risks or quality control flags raised during the evaluation of supplier responses are noted on the Source Intelligence platform and reviewed by the team. We support the continued efforts of the Responsible Minerals Initiative to complete the audits of smelters that have agreed to date to participate in the Responsible Minerals Assurance Process and to encourage other identified smelters to become participants.

As a continuing part of our risk management plan, we have communicated our commitment to the use of conflict-free minerals in the manufacture of our Covered Products and our expectation that the manufacture of our Covered Products will be conflict-free.

#### 4. Carrying Out Independent Third-Party Audit of Supply Chain Due Diligence at Identified Points in the Supply Chain

We do not have a direct business relationship with any smelters or refiners in our supply chain and, as a result, we do not directly conduct or request audits. Instead, we support the development and implementation of independent third-party audits of smelters by encouraging our suppliers to purchase materials from smelters in conformance with RMI standards and determine whether the smelters that were used to process these minerals were validated as in conformance with RMI standards as part of the Responsible Minerals Assurance Process. We monitor smelters' or refiners' conformance status with Source Intelligence and the Responsible Minerals Initiative.

# 5. Reporting on Supply Chain Due Diligence

In 2024, we publicly filed the Form SD and this Report with the SEC, and a copy of this Report and the Form SD are publicly available at http://ir.quicklogic.com.

This Report includes information about the RCOI methodology utilized by the Company, the design of our due diligence process in conformance with the OECD Guidelines, and the list of known smelters utilized in our supply chain identified in our due diligence process.

# **Findings**

Based on the information that was provided by the Company's Tier 1 suppliers and otherwise obtained through the due diligence process, the Company believes that, to the extent reasonably determinable by the Company, the facilities that were used to process the Conflict Minerals contained in the Covered Products include the smelters and refiners listed below. As of June 14, 2024, 217 of the 219 smelters below were in conformance with the standards as established by the Responsible Minerals Initiative's RMAP. The remaining two smelters are currently undergoing the RMAP assessment. There is an indication of DRC-sourcing for 33 smelters/refiners used.

Abhagon Relam Metals, LLC	Smelter Name	Smelter ID	Smelter Country
Advanced Chemical Company	Gold		•
Agost AG         CID000015         Germany           Alda Chemical Industries Co., Ltd.         CID000019         Japan           Almalyk Mining and Metallurgical Complex (AMMC)         CID000048         Brazil           Ango-Gold Ashanic Corego do Sitio Minencae         CID000078         Switzerland           Asabi Perecc Corp.         CID000082         Japan           Asahi Refining Canada Ltd.         CID000920         United States           Asaha Refining LSA Inc.         CID000920         United States           Asaka Rice Co., Ltd.         CID000913         Germany           Asaka Rice Co., Ltd.         CID000113         Germany           Bangalors Berlind Propertion         CID00113         Germany           Bangalors Refinery         CID00183         India           Bangalor Refinery Collector Canada Corporation         CID00176         Germany           CR Refinery - Clescore Canada Corporation         CID00177         Germany           CR Refinery - Clescore Canada Corporation         CID000177         Germany           Doc         CID000178         Canada           Climet State         CID000179         Canada           Climet State         CID000179         Canada           Climet State         CID000179         Canada	Abington Reldan Metals, LLC	CID002708	United States
Aida Chemical Industries Co., Itel.         CID000019         Japan           Analbak Mining and Meatllurgical Complex (AMMC)         CID000054         Uzbekistam           AngloGold Ashanti Corrego do Sitio Mineracao         CID000077         Switzerland           Asahi Refining Canada Ltd.         CID0000524         Canada           Asahi Refining Canada Ltd.         CID0000524         Canada           Asahi Refining Canada Ltd.         CID0000900         Japan           Asahi Refining USA Inc.         CID0000900         Japan           Asalia Refining USA Inc.         CID0000000         Japan           Aurubs AG         CID0000000         Japan           Bangalore Refinery         CID000188         India           Bangalore Refinery         CID000188         Philippines           CLR Refinery - Glencore Canada Corporation         CID000176         Germany           CLR Refinery - Glencore Canada Corporation         CID000177         Germany           CLR Refinery - Glencore Canada Corporation         CID000017         Germany           CLR Refinery - Glencore Canada Corporation         CID000019         Japan           Dova         CID000019         Japan           DS CD Sang Corporation         CID000019         Japan           DS C Qo Sang Corporatio	Advanced Chemical Company	CID000015	United States
Almaly Mining and Metallurgical Complex (AMMC)	- C	CID000035	Germany
AngloGold Ashanti Corrego do Sitio Mineracao			
Agron-Hemeus S.A.   CID000077   Switzerland   Asahi Pretec Corp.   CID000082   Japan   Japan   Asahi Refining Camada I.d.   CID000924   Canada   CID000924   Canada   CID000924   Canada   CID000926   Japan   CID000826   Japan   CID000826   Japan   CID000826   Japan   CID000187   Sweden   CID000187   Sweden   CID000187   Sweden   CID000187   Sweden   CID000187   CID000187			
Asahi Pefining Canada Ltd.   CID000924   Canada   Asahi Refining USA Inc.   CID000929   United States   Asaha Refining USA Inc.   CID000920   United States   Asaha Refining USA Inc.   CID000920   United States   Asaha Refining USA Inc.   CID000013   Germany   Bangalore Refinery   CID00263   India   Bangalore Refinery   CID00263   Philippines   Bangalore Refinery   CID00275   Philippines   Boilden AB   CID00175   Sweden   C. Hafner GmbH + Co. KG   CID000176   Germany   C. Hafner GmbH + Co. KG   CID000178   Canada   Chimet Sp.A.   CID000233   Italy   Chugai Mining   CID000243   Italy   Dova   CID000243   Italy   Dova   CID000244   Japan   Dova   CID00041   Japan   Dova   CID00042   Japan   Dova   CID00041   CID00042   Japan   Dova   CID00041   CID00042   Japan   Dova   CID00041   CID00042   Japan   Dova   CID00041   CID00044   CID00044   Dova   CID00044   CID00044   CID00044   Dova   CID00044   CID00044   CID00044   Dova   CID00044   CID00044   CID00044   Dova   CID00044   CID00044   CID00044   CID00044   Dova   CID00044   C	e e		
Asahl Refining Canada Ltd.         C10000920         United States           Asaha Refining USA Inc.         C10000900         Japan           Asaha Refining USA Inc.         C10000000         Japan           Arunbis AG         C10000082         India           Bangako Sentral ge Pilipinas (Central Bank of the Philippines)         C1000128         Philippines           Bolidon AB         C10000176         Germany           C. Hafner GmbH+ Co. KG         C10000175         Sweden           C. Hafner GmbH+ Co. KG         C10000185         Canada           Chimet Sp. A.         C10000233         Italy           Chaga Mining         C1000024         Japan           Dowa         C1000024         Japan           Dowa         C10000359         Korea, Republic of           Eco-System Recycling Co., Ltd. North Plant         C10000324         Japan           Eco-System Recycling Co., Ltd. West Plant         C1000424         Japan           Gold Refinery CZijim Mining Group Co., Ltd.         C1000341         Colombia           Gold Refinery CZijim Mining Group Co., Ltd.         C1000342         Japan           Feo-System Recycling Co., Ltd. West Plant         C1000344         Clonina           Gold Refinery CZijim Mining Group Co., Ltd.         C10000344 <td>S .</td> <td></td> <td></td>	S .		
Asahi Refining USA Inc.         CID000920         United States           Asaka Rikne, O., Idd.         CID000113         Germany           Bangalore Refinery         CID000113         Germany           Bangko Sentral ng Pilipinas (Central Bank of the Philippines)         CID000128         Philippines           Boildea AB         CID000175         Sweden           C. Hafner GmbH - Co. KG         CID000175         Germany           C. Hafner GmbH - Co. KG         CID000185         Canada           C. Hafner GmbH - Co. KG         CID000185         Canada           Chugai Mining         CID000233         Italy           Chugai Mining         CID000234         Japan           Dowa         CID000410         Japan           DSC (Do Sung Corporation)         CID000425         Japan           Eco-System Recycling Co., Ltd. North Plant         CID000425         Japan           Colo System Recycling Co., Ltd. North Plant         CID004242         Japan           Eco-System Recycling Co., Ltd. North Plant         CID003425         Japan           Gold by Gold Colombia         CID003425         Japan           Gold by Gold Colombia         CID003425         Japan           Herimere - Meul GrobH         CID000444         Clant			*
Asaba Riklen Čo., Ltd.         CID000019         Japan           Bangalor Refinery         CID002863         India           Bangalor Refinery         CID002863         India           Bangalor Refinery         CID000175         Sweden           C. Hafner GmbH + Co. KG         CID000175         Sweden           C. Hafner GmbH + Co. KG         CID000176         Germany           CRR Refinery - Glencore Canada Corporation         CID000185         Canada           Chiner Sp. A.         CID000233         Italy           Chugai Mining         CID000264         Japan           Down         CID000401         Japan           Down         CID004025         Japan           Down         CID00425         Japan           DSC (Do Sung Corporation)         CID00425         Japan           Eco-System Recycling Co., Ltd. West Plant         CID00425         Japan           Eco-System Recycling Co., Ltd. West Plant         CID00424         Japan           Eco-System Recycling Co., Ltd. West Plant         CID00424         Japan           Gold by Gold Colombia         CID004541         Colombia           Gold by Gold Colombia         CID00644         Cibina           Herause Germany GmbH Co. KG         CID000644			
Aurubis AG	C		
Bangalos Refinery	· · · · · · · · · · · · · · · · · · ·		*
Bangko Sentral ng Pilipinas (Central Bank of the Philipines)			•
Boliden AB			
C. Hafner GmbH + Co. KG         C1D000176         Germany           CCR Refinery - Glencore Canada Corporation         C1D000233         Italy           Chimet S. p.A.         C1D000264         Japan           Chugai Mining         C1D0004041         Japan           Down         C1D0004041         Japan           Deco-System Recycling Co., Ltd. Bast Plant         C1D000425         Japan           Eco-System Recycling Co., Ltd. West Plant         C1D003424         Japan           Eco-System Recycling Co., Ltd. West Plant         C1D003424         Japan           Gold Refinery Gr. Zijin Mining Group Co., Ltd.         C1D003421         Clinia           Gold Refinery Gr. Zijin Mining Group Co., Ltd.         C1D000341         Colombia           Gold Refinery Gr. Zijin Mining Group Co., Ltd.         C1D00094         Germany           Heimerle + Meule GmbH         C1D000994         Germany           Heraeus Germany GmbH Co. KG         C1D000771         China           Heraeus Metals Hong Kong Ltd.         C1D000777         China           Inner Mongolio Jankum Gold and Silver Refinery Share Co., Ltd.         C1D000870         Japan           Islabul Gold Refinery         C1D00081         Turkey           Italy         Lapon         Turkey           Italy			* *
CCR Refinery - Glencore Canada Corporation			
Chimes Sp.A.         CID00023         Italy           Chugai Mining         CID000401         Japan           Dowa         CID000401         Japan           Dowa         CID000401         Japan           DSC (Do Sung Corporation)         CID000359         Korea, Republic of           Eco-System Recycling Co., Ltd. North Plant         CID003425         Japan           Eco-System Recycling Co., Ltd. West Plant         CID003425         Japan           Gold Refinery of Zijin Mining Group Co., Ltd.         CID003421         China           Gold Refinery of Zijin Mining Group Co., Ltd.         CID000694         Germany           Heraeus Germany GmbH Co. KG         CID000711         Germany           Heraeus Metals Hong Kong Ltd.         CID000707         China           Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.         CID000807         Japan           Istabul Gold Refinery         CID000817         Japan           Istabul Gold Refinery         CID000817         Turkey           Inlapreziosi         CID000823         Japan           Istabul Gold Refinery         CID000823         Japan           Istabul Gold Refinery         CID000814         Turkey           Inlapreziosi         CID000815         Italy			3
Chugai Mining			
Dowa			•
DSC (Do Sung Corporation)			*
Ecc-System Recycling Co., Ltd. North Plant			
Eco-System Recycling Co., Ltd. Worth Plant			
Eco-System Recycling Co., Ltd. West Plant			*
Gold Not Colombia         CID003641         Colombia           Gold Refinery of Zijin Mining Group Co., Ltd.         CID000243         China           Heimerle+ Meule GmbH         CID000071         Germany           Heraeus Germany GmbH Co. KG         CID000707         China           Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.         CID000801         China           Inher Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.         CID000807         Japan           Ishifuku Metal Industry Co., Ltd.         CID000814         Turkey           Iship Glad Refinery         CID000814         Turkey           Italpreziosi         CID000765         Italy           Japan Mint         CID000823         Japan           Japan Mint         CID000855         China           Jix Nippon Mining & Metals Co., Ltd.         CID000957         Kazakhstan           Kennecott Utah Copper LLC         CID000957         Kazakhstan           Kennecott Utah Copper LLC         CID000969         United States           KeflMP Polsk Miedz Spolka Akcyjna         CID002511         Poland           Kojima Chemicals Co., Ltd.         CID00251         Kora, Republic of           Lordistres A.         CID002605         Kora, Republic of           Lordistres A.			•
Heimerle + Meule GmbH		CID003641	*
Heimerle + Meule GmbH	Gold Refinery of Zijin Mining Group Co., Ltd.	CID002243	China
Heraeus Germany GmbH Co, KG	Heimerle + Meule GmbH		
Heraeus Metals Hong Kong Ltd.	Heraeus Germany GmbH Co. KG		
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	•	CID000707	•
Istanbul Gold Refinery		CID000801	China
Italpreziosi	Ishifuku Metal Industry Co., Ltd.	CID000807	Japan
Japan Mint	Istanbul Gold Refinery	CID000814	Turkey
Jangxi Copper Co., Ltd.CID000855ChinaJX Nippon Mining & Metals Co., Ltd.CID000937JapanKazzincCID000957KazakhstanKennecott Utah Copper LLCCID000969United StatesKGHM Polska Miedz Spolka AkcyjnaCID002511PolandKojima Chemicals Co., Ltd.CID002605Korea, Republic ofKorea Zinc Co., Ltd.CID002605Korea, Republic ofL'Orfebre S.A.CID002762AndorraLS-NIKKO Copper Inc.CID001178Korea, Republic ofLT Metal Ltd.CID000689Korea, Republic ofMaterionCID001113United StatesMatsuda Sangyo Co., Ltd.CID001119JapanMetal Concentrators SA (Pty) Ltd.CID001119JapanMetalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001157ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor Technologies S.A.CID001157United StatesMetalor Technologies S.A. De C.V.CID001161MexicoMitsui Mining and Smelting CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMitsui Mining and Smelting Co., Ltd.CID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID001236L'zbekistanNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID0013189Korea, Republic of<	Italpreziosi	CID002765	Italy
JX Nippon Mining & Metals Co., Ltd.		CID000823	
Kazzine Kennecott Utah Copper LLC CID000969 United States KGHM Polska Miedz Spolka Akcyjna CID002511 Poland Kojima Chemicals Co., Ltd. CID000981 Japan Korea Zinc Co., Ltd. CID002605 Korea, Republic of L'Orfebre S.A. CID002762 Andorra LS-NIKKO Copper Inc. CID001078 Korea, Republic of LT Metal Ltd. CID000689 Korea, Republic of LT Metal Ltd. CID001113 United States Matsuda Sangyo Co., Ltd. CID001113 United States Matsuda Sangyo Co., Ltd. CID00119 Japan Metal Concentrators SA (Pty) Ltd. CID003575 South Africa Metalor Technologies (Singapore) Pte., Ltd. CID001149 China Metalor Technologies (Singapore) Pte., Ltd. CID001152 Singapore Metalor Technologies (Sizuhou) Ltd. CID001147 China Metalor Technologies (Sizuhou) Ltd. CID001153 Switzerland Metalor USA Refining Corporation CID001157 United States Metalor USA Refining Corporation CID001188 Japan Mitsui Mining and Smelting Co., Ltd. CID001193 MKS PAMP SA CID001352 Switzerland MMTC-PAMP India Pvt., Ltd. CID001352 Switzerland MMTC-PAMP India Pvt., Ltd. CID001200 Navi Metal Rafineri San. Ve Tic. A.S. CID001220 Turkey Navoi Mining and Metallurgical Combinat NH Recytech Company CID003189 Korea, Republic of			
Kennecott Utah Copper LLCCID000969United StatesKGHM Polska Miedz Spolka AkcyjnaCID002511PolandKojima Chemicals Co., Ltd.CID0002605Korea, Republic ofKorea Zinc Co., Ltd.CID002762AndorraL'Orfebre S.A.CID002762AndorraLS-NIKKO Copper Inc.CID001078Korea, Republic ofLT Metal Ltd.CID000689Korea, Republic ofMaterionCID001113United StatesMatsuda Sangyo Co., Ltd.CID001119JapanMetal Concentrators SA (Pty) Ltd.CID001119JapanMetalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001149ChinaMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001188JapanMitsubishi Materials CorporationCID001188JapanMitsubishi Materials CorporationCID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID001352SwitzerlandNadir Metal Rafineri San. Ve Tic. A.S.CID0012509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001266UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
KGHM Polska Miedz Spolka Akcyjna Kojima Chemicals Co., Ltd. CID00081 Kojima Chemicals Co., Ltd. CID002605 Korea Zinc Co., Ltd. CID002605 Korea, Republic of L'Orfebre S.A. CID002762 Andorra LS-NIKKO Copper Inc. LS-NIKKO Copper Inc. CID001078 Korea, Republic of L'T Metal Ltd. CID000689 Korea, Republic of L'T Metal Ltd. CID001113 United States Materion Materion Metalor Concentrators SA (Pty) Ltd. CID001119 Japan Metal Concentrators SA (Pty) Ltd. CID00119 Metalor Technologies (Hong Kong) Ltd. CID001152 CID001152 Singapore Metalor Technologies (Suzhou) Ltd. CID001153 Metalor Technologies (Suzhou) Ltd. CID001157 Metalor Technologies S.A. CID001157 Metalor USA Refining Corporation CID001157 Metalor USA Refining Corporation CID001161 Mexico Mitsubishi Materials Corporation CID001188 Japan Mitsui Mining and Smelting Co., Ltd. CID001193 Japan MKS PAMP SA CID001352 Switzerland MMTC-PAMP India Pvt., Ltd. CID001200 Nadir Metal Rafineri San. Ve Tic. A.S. CID001220 Turkey Navoi Mining and Metallurgical Combinat NH Recytech Company CID003189 Korea, Republic of			
Kojima Chemicals Co., Ltd.  Korea Zinc Co., Ltd.  CID002605  Korea, Republic of L'Orfebre S.A.  CID002762  Andorra  LS-NIKKO Copper Inc.  LT Metal Ltd.  CID000688  Korea, Republic of CID000788  Korea, Republic of CID000689  Korea, Republic of CID000689  Korea, Republic of CID000689  Korea, Republic of CID001113  United States Matsuda Sangyo Co., Ltd.  CID001119  Japan  Metal Concentrators SA (Pty) Ltd.  CID003575  South Africa  Metalor Technologies (Hong Kong) Ltd.  CID001149  China  Metalor Technologies (Singapore) Pte., Ltd.  CID001152  Singapore  Metalor Technologies (Suzhou) Ltd.  CID001147  China  Metalor Technologies S.A.  CID001153  Switzerland  Metalor USA Refining Corporation  CID001157  United States  Metalurgica Met-Mex Penoles S.A. De C.V.  Mitsubishi Materials Corporation  CID001188  Japan  Mitsui Mining and Smelting Co., Ltd.  CID001193  Japan  MKS PAMP SA  CID001352  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  MMTC-PAMP India Pvt., Ltd.  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001220  Turkey  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID003189  Korea, Republic of	**		
Korea Zinc Co., Ltd. L'Orfebre S.A. CID002762 CID002762 Andorra LS-NIKKO Copper Inc. CID001078 Korea, Republic of L'T Metal Ltd. CID000689 Corea, Republic of L'T Metal Ltd. CID000689 Corea, Republic of Materion CID001113 United States Matsuda Sangyo Co., Ltd. CID001119 Metal Concentrators SA (Pty) Ltd. CID001119 Metalor Technologies (Hong Kong) Ltd. CID001149 China Metalor Technologies (Singapore) Pte., Ltd. CID001152 Metalor Technologies (Suzhou) Ltd. CID001153 Metalor Technologies S.A. CID001153 Metalor Technologies S.A. CID001157 United States Metalor USA Refining Corporation CID001157 United States Metalurgica Met-Mex Penoles S.A. De C.V. CID001161 Mexico Mitsubishi Materials Corporation CID001188 Japan Mitsui Mining and Smelting Co., Ltd. CID001193 Japan MKS PAMP SA CID001352 Switzerland MMTC-PAMP India Pvt., Ltd. CID002509 India MMTC-PAMP India Pvt., Ltd. CID001200 Turkey Navoi Mining and Metallurgical Combinat CID001236 Uzbekistan NH Recytech Company CID003189 Korea, Republic of	1 33		
L'Orfebre S.A.  LS-NIKKO Copper Inc.  LT Metal Ltd.  CID001078  Korea, Republic of  LT Metal Ltd.  CID000689  Korea, Republic of  Materion  Matsuda Sangyo Co., Ltd.  CID001113  Metal Concentrators SA (Pty) Ltd.  CID001119  Metalor Technologies (Hong Kong) Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  CID001152  Metalor Technologies (Suzhou) Ltd.  CID001152  Metalor Technologies (Suzhou) Ltd.  CID001153  Metalor Technologies S.A.  CID001155  Metalor USA Refining Corporation  CID001157  Metalor USA Refining Corporation  CID001157  Mitsubishi Materials Corporation  CID001161  Mexico  Mitsubishi Materials Corporation  CID001188  Japan  Mitsui Mining and Smelting Co., Ltd.  CID001193  Japan  MKS PAMP SA  CID001252  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID001250  India  MMTC-PAMP India Pvt., Ltd.  CID001220  Turkey  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID001189  Korea, Republic of	•		*
LS-NIKKO Copper Inc.  LT Metal Ltd.  CID000689  Korea, Republic of  Materion  CID01113  United States  Matsuda Sangyo Co., Ltd.  Metal Concentrators SA (Pty) Ltd.  Metalor Technologies (Hong Kong) Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  Metalor Technologies (Suzhou) Ltd.  CID001152  Metalor Technologies (Suzhou) Ltd.  CID001153  Metalor Technologies S.A.  CID001153  Metalor USA Refining Corporation  CID001157  Metalor USA Refining Corporation  CID001157  Metalurgica Met-Mex Penoles S.A. De C.V.  Mitsubishi Materials Corporation  CID001188  Japan  Mitsui Mining and Smelting Co., Ltd.  CID001193  MKS PAMP SA  CID001352  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001226  Navoi Mining and Metallurgical Combinat  NH Recytech Company  Korea, Republic of	,		
LT Metal Ltd.  Materion  CID000689  Korea, Republic of  Materion  CID001113  United States  Matsuda Sangyo Co., Ltd.  Metal Concentrators SA (Pty) Ltd.  Metalor Technologies (Hong Kong) Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  Metalor Technologies (Singapore) Pte., Ltd.  Metalor Technologies (Suzhou) Ltd.  CID001152  Singapore  Metalor Technologies (Suzhou) Ltd.  CID001147  China  Metalor Technologies S.A.  CID001153  Switzerland  Metalor USA Refining Corporation  CID001157  United States  Metalurgica Met-Mex Penoles S.A. De C.V.  Mitsubishi Materials Corporation  CID001188  Japan  Mitsui Mining and Smelting Co., Ltd.  CID001193  Japan  MKS PAMP SA  CID001525  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001236  Uzbekistan  NH Recytech Company  CID003189  Korea, Republic of			
MaterionCID001113United StatesMatsuda Sangyo Co., Ltd.CID001119JapanMetal Concentrators SA (Pty) Ltd.CID003575South AfricaMetalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Matsuda Sangyo Co., Ltd.CID001119JapanMetal Concentrators SA (Pty) Ltd.CID003575South AfricaMetalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001193JapanMMTC-PAMP India Pvt., Ltd.CID001352SwitzerlandNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			· •
Metal Concentrators SA (Pty) Ltd.CID003575South AfricaMetalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Metalor Technologies (Hong Kong) Ltd.CID001149ChinaMetalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			*
Metalor Technologies (Singapore) Pte., Ltd.CID001152SingaporeMetalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of	· •		
Metalor Technologies (Suzhou) Ltd.CID001147ChinaMetalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Metalor Technologies S.A.CID001153SwitzerlandMetalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Metalor USA Refining CorporationCID001157United StatesMetalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Metalurgica Met-Mex Penoles S.A. De C.V.CID001161MexicoMitsubishi Materials CorporationCID001188JapanMitsui Mining and Smelting Co., Ltd.CID001193JapanMKS PAMP SACID001352SwitzerlandMMTC-PAMP India Pvt., Ltd.CID002509IndiaNadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of	E		
Mitsubishi Materials Corporation  Mitsubishi Materials Corporation  Mitsui Mining and Smelting Co., Ltd.  CID001188  Japan  MKS PAMP SA  CID001352  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001220  Turkey  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID003189  Korea, Republic of	5 1		
Mitsui Mining and Smelting Co., Ltd.  MKS PAMP SA  CID001352  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001220  Turkey  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID003189  Lybekistan  Korea, Republic of			
MKS PAMP SA  MKS PAMP SA  CID001352  Switzerland  MMTC-PAMP India Pvt., Ltd.  CID002509  India  Nadir Metal Rafineri San. Ve Tic. A.S.  CID001220  Turkey  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID003189  Korea, Republic of	1		1
MMTC-PAMP India Pvt., Ltd.  Nadir Metal Rafineri San. Ve Tic. A.S.  Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID003189  India  Turkey  Uzbekistan  Uzbekistan  Korea, Republic of			*
Nadir Metal Rafineri San. Ve Tic. A.S.CID001220TurkeyNavoi Mining and Metallurgical CombinatCID001236UzbekistanNH Recytech CompanyCID003189Korea, Republic of			
Navoi Mining and Metallurgical Combinat  NH Recytech Company  CID001236  CID003189  Uzbekistan  Korea, Republic of			
NH Recytech Company CID003189 Korea, Republic of			
7 1			
			· •

Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	CID002779	Austria
Ohura Precious Metal Industry Co., Ltd.	CID001325	Japan
Planta Recuperadora de Metales SpA	CID002919	Chile
PT Aneka Tambang (Persero) Tbk	CID001397	Indonesia
PX Precinox S.A.	CID001498	Switzerland
Rand Refinery (Pty) Ltd.	CID001512	South Africa
REMONDIS PMR B.V.	CID002582	Netherlands
Royal Canadian Mint	CID001534	Canada
SAFINA A.S.	CID002290	Czech Republic
SEMPSA Joyeria Plateria S.A.	CID001585	Spain
Shandong Gold Smelting Co., Ltd.	CID001916	China
Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CID001622	China
Sichuan Tianze Precious Metals Co., Ltd.	CID001736	China
Solar Applied Materials Technology Corp.	CID001761	Taiwan
Sumitomo Metal Mining Co., Ltd.	CID001798	Japan
SungEel HiMetal Co., Ltd.	CID002918	Korea, Republic of
T.C.A S.p.A	CID002580	Italy
Tanaka Kikinzoku Kogyo K.K.	CID001875	Japan
Tokuriki Honten Co., Ltd.	CID001938	Japan
TOO Tau-Ken-Altyn	CID002615	Kazakhstan
Torecom	CID001955	Korea, Republic of
Umicore S.A. Business Unit Precious Metals Refining	CID001980	Belgium
United Precious Metal Refining, Inc.	CID001900 CID001993	United States
Valcambi S.A.	CID001993 CID002003	Switzerland
Western Australian Mint (T/a The Perth Mint)	CID002003 CID002030	Australia
WIELAND Edelmetalle GmbH	CID002030 CID002778	
Yamakin Co., Ltd.	CID002778 CID002100	Germany
		Japan
Yokohama Metal Co., Ltd.	CID002129	Japan
Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CID002224	China
Tantalum		
AMG Brasil	CID001076	Brazil
	CID001076	China
Changsha South Tantalum Niobium Co., Ltd.	CID000211	
D Block Metals, LLC	CID002504	United States
F&X Electro-Materials Ltd.	CID000460	China
FIR Metals & Resource Ltd.	CID002505	China
Global Advanced Metals Aizu	CID002558	Japan
Global Advanced Metals Boyertown	CID002557	United States
Hengyang King Xing Lifeng New Materials Co., Ltd.	CID002492	China
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CID002512	China
Jiangxi Tuohong New Raw Material	CID002842	China
JiuJiang JinXin Nonferrous Metals Co., Ltd.	CID000914	China
Jiujiang Tanbre Co., Ltd.	CID000917	China
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CID002506	China
KEMET de Mexico	CID002539	Mexico
Materion Newton Inc.	CID002548	United States
Metallurgical Products India Pvt., Ltd.	CID001163	India
Mineracao Taboca S.A.	CID001175	Brazil
Mitsui Mining and Smelting Co., Ltd.	CID001192	Japan
Molycorp Silmet A.S.	CID001200	Estonia
Ningxia Orient Tantalum Industry Co., Ltd.	CID001277	China
QuantumClean	CID001508	United States
Resind Industria e Comercio Ltda.	CID002707	Brazil
RFH Yancheng Jinye New Material Technology Co., Ltd.	CID003583	China
Taki Chemical Co., Ltd.	CID001869	Japan
TANIOBIS Co., Ltd.		
	CID002544	Thailand
TANIOBIS GmbH	CID002544 CID002545	Thailand Germany
TANIOBIS GmbH TANIOBIS Japan Co. Ltd	CID002545	Germany
TANIOBIS Japan Co., Ltd.	CID002545 CID002549	Germany Japan
TANIOBIS Japan Co., Ltd. TANIOBIS Smelting GmbH & Co. KG	CID002545 CID002549 CID002550	Germany Japan Germany
TANIOBIS Japan Co., Ltd. TANIOBIS Smelting GmbH & Co. KG Telex Metals	CID002545 CID002549 CID002550 CID001891	Germany Japan Germany United States
TANIOBIS Japan Co., Ltd. TANIOBIS Smelting GmbH & Co. KG Telex Metals Ulba Metallurgical Plant JSC	CID002545 CID002549 CID002550 CID001891 CID001969	Germany Japan Germany United States Kazakhstan
TANIOBIS Japan Co., Ltd. TANIOBIS Smelting GmbH & Co. KG Telex Metals Ulba Metallurgical Plant JSC XIMEI RESOURCES (GUANGDONG) LIMITED	CID002545 CID002549 CID002550 CID001891 CID001969 CID000616	Germany Japan Germany United States Kazakhstan China
TANIOBIS Japan Co., Ltd. TANIOBIS Smelting GmbH & Co. KG Telex Metals Ulba Metallurgical Plant JSC	CID002545 CID002549 CID002550 CID001891 CID001969	Germany Japan Germany United States Kazakhstan

Tin		
Alpha	CID000292	United States
Aurubis Beerse	CID002773	Belgium
Aurubis Berango	CID002774	Spain
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CID000228	China
Chifeng Dajingzi Tin Industry Co., Ltd.	CID003190	China
China Tin Group Co., Ltd. CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Bra	CID001070	China
Ltda	CID003486	Brazil
CRM Synergies	CID003480 CID003524	Spain
CV Ayi Jaya	CID003524 CID002570	Indonesia
CV Venus Inti Perkasa	CID002455	Indonesia
Dowa	CID000402	Japan
DS Myanmar	CID003831	Myanmar
EM Vinto	CID000438	Bolivia
Estanho de Rondonia S.A.	CID000448	Brazil
Fabrica Auricchio Industria e Comercio Ltda.	CID003582	Brazil
Fenix Metals	CID000468	Poland
Gejiu Non-Ferrous Metal Processing Co., Ltd.	CID000538	China
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CID003116	China
HuiChang Hill Tin Industry Co., Ltd.	CID002844	China
Jiangxi New Nanshan Technology Ltd. Luna Smelter, Ltd.	CID001231 CID003387	China Rwanda
Magnu's Minerais Metais e Ligas Ltda.	CID003387 CID002468	Brazil
Malaysia Smelting Corporation (MSC)	CID002408 CID001105	Malaysia
Metallic Resources, Inc.	CID001103 CID001142	United States
Mineracao Taboca S.A.	CID001173	Brazil
Mining Minerals Resources SARL	CID004065	DRC- Congo (Kinshasa)
Minsur	CID001182	Peru
Mitsubishi Materials Corporation	CID001191	Japan
O.M. Manufacturing (Thailand) Co., Ltd.	CID001314	Thailand
O.M. Manufacturing Philippines, Inc.	CID002517	Philippines
Operaciones Metalurgicas S.A.	CID001337	Bolivia
PT Aries Kencana Sejahtera	CID000309	Indonesia
PT Artha Cipta Langgeng	CID001399	Indonesia
PT ATD Makmur Mandiri Jaya	CID002503	Indonesia
PT Babel Inti Perkasa PT Babel Surya Alam Lestari	CID001402 CID001406	Indonesia Indonesia
PT Bangka Prima Tin	CID001400 CID002776	Indonesia
PT Bangka Serumpun	CID002770 CID003205	Indonesia
PT Belitung Industri Sejahtera	CID001421	Indonesia
PT Bukit Timah	CID001428	Indonesia
PT Cipta Persada Mulia	CID002696	Indonesia
PT Menara Cipta Mulia	CID002835	Indonesia
PT Mitra Stania Prima	CID001453	Indonesia
PT Mitra Sukses Globalindo	CID003449	Indonesia
PT Premium Tin Indonesia	CID000313	Indonesia
PT Prima Timah Utama	CID001458	Indonesia
PT Putera Sarana Shakti (PT PSS)	CID003868	Indonesia
PT Rajawali Rimba Perkasa	CID003381	Indonesia
PT Rajehan Ariq	CID002593	Indonesia
PT Refined Bangka Tin PT Sariwiguna Binasentosa	CID001460 CID001463	Indonesia Indonesia
PT Stanindo Inti Perkasa	CID001468	Indonesia
PT Sukses Inti Makmur	CID001408 CID002816	Indonesia
PT Timah Tbk Kundur	CID002810 CID001477	Indonesia
PT Timah Tok Mentok	CID001477 CID001482	Indonesia
PT Tinindo Inter Nusa	CID001490	Indonesia
PT Tommy Utama	CID001493	Indonesia
Resind Industria e Comercio Ltda.	CID002706	Brazil
Rui Da Hung	CID001539	Taiwan
Super Ligas	CID002756	Brazil
Thaisarco	CID001898	Thailand
Tin Smelting Branch of Yunnan Tin Co., Ltd.	CID002180	China
Tin Technology & Refining	CID003325	United States
White Solder Metalurgia e Mineracao Ltda.	CID002036	Brazil
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CID002158	China

Tungsten		
Alpha	CID000292	United States
Aurubis Beerse	CID000292 CID002773	Belgium
Aurubis Berango	CID002773 CID002774	Spain
Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CID002774 CID000228	China
Chifeng Dajingzi Tin Industry Co., Ltd.	CID000228 CID003190	China
China Tin Group Co., Ltd.	CID003190 CID001070	China
CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Bras		Cilila
Ltda	CID003486	Brazil
CRM Synergies	CID003480 CID003524	Spain
CV Ayi Jaya	CID003324 CID002570	Indonesia
CV Venus Inti Perkasa	CID002370 CID002455	Indonesia
Dowa	CID002433 CID000402	Japan
DS Myanmar	CID000402 CID003831	Myanmar
EM Vinto	CID003831 CID000438	Bolivia
Estanho de Rondonia S.A.	CID000438 CID000448	Brazil
Fabrica Auricchio Industria e Comercio Ltda.	CID000448 CID003582	Brazil
Fenix Metals	CID003382 CID000468	Poland
Gejiu Non-Ferrous Metal Processing Co., Ltd.	CID000408 CID000538	China
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CID000338 CID003116	China
• •		China
HuiChang Hill Tin Industry Co., Ltd. Jiangxi New Nanshan Technology Ltd.	CID002844 CID001231	China
Luna Smelter, Ltd.	CID001231 CID003387	Rwanda
Magnu's Minerais Metais e Ligas Ltda.	CID003387 CID002468	Brazil
Malaysia Smelting Corporation (MSC)	CID002408 CID001105	Malaysia
Metallic Resources, Inc.	CID001103 CID001142	United States
Mineracao Taboca S.A.	CID001142 CID001173	Brazil
Mining Minerals Resources SARL	CID001173 CID004065	DRC- Congo (Kinshasa)
Minsur	CID004003 CID001182	Peru
Mitsubishi Materials Corporation	CID001182 CID001191	Japan
O.M. Manufacturing (Thailand) Co., Ltd.	CID0011314	Thailand
O.M. Manufacturing Philippines, Inc.	CID001314 CID002517	Philippines
Operaciones Metalurgicas S.A.	CID002317 CID001337	Bolivia
PT Aries Kencana Sejahtera	CID001337 CID000309	Indonesia
PT Artha Cipta Langgeng	CID001399	Indonesia
PT ATD Makmur Mandiri Jaya	CID001599	Indonesia
PT Babel Inti Perkasa	CID001402	Indonesia
PT Babel Surya Alam Lestari	CID001406	Indonesia
PT Bangka Prima Tin	CID002776	Indonesia
PT Bangka Serumpun	CID003205	Indonesia
PT Belitung Industri Sejahtera	CID001421	Indonesia
PT Bukit Timah	CID001428	Indonesia
PT Cipta Persada Mulia	CID002696	Indonesia
PT Menara Cipta Mulia	CID002835	Indonesia
PT Mitra Stania Prima	CID001453	Indonesia
PT Mitra Sukses Globalindo	CID003449	Indonesia
PT Premium Tin Indonesia	CID000313	Indonesia
PT Prima Timah Utama	CID001458	Indonesia
PT Putera Sarana Shakti (PT PSS)	CID003868	Indonesia
PT Rajawali Rimba Perkasa	CID003381	Indonesia
PT Rajehan Ariq	CID002593	Indonesia
PT Refined Bangka Tin	CID001460	Indonesia
PT Sariwiguna Binasentosa	CID001463	Indonesia
PT Stanindo Inti Perkasa	CID001468	Indonesia
PT Sukses Inti Makmur	CID002816	Indonesia
PT Timah Tbk Kundur	CID001477	Indonesia
PT Timah Tbk Mentok	CID001482	Indonesia
PT Tinindo Inter Nusa	CID001490	Indonesia
PT Tommy Utama	CID001493	Indonesia
Resind Industria e Comercio Ltda.	CID002706	Brazil
Rui Da Hung	CID001539	Taiwan
Super Ligas	CID002756	Brazil
Thaisarco	CID001898	Thailand
Tin Smelting Branch of Yunnan Tin Co., Ltd.	CID002180	China
Tin Technology & Refining	CID003325	United States
White Solder Metalurgia e Mineracao Ltda.	CID002036	Brazil
Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CID002036 CID002158	China
i unitan Chengleng Non-terrous Metals Co., Llu.	C1D002138	Ciiiia

Countries of origin that these facilities may source Conflict Minerals include:

- L1 RMI Level 1 Countries are those that are not identified as conflict regions or plausible areas of smuggling or export from the DRC and its nine adjoining countries, including: Argentina, Armenia, Australia, Austria, Azerbaijan, Bahamas, Barbados, Belarus, Belgium, Benin, Bolivia, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Burkina Faso, Cambodia, Cameroon, Canada, Cayman Islands, Chile, China, Colombia, Croatia, Curacao, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, El Salvador, Eritrea, Estonia, Ethiopia, Fiji, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guyana, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Ivory Coast, Japan, Jordan, Kazakhstan, Kenya, Korea, Republic of, Kosovo, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Macau, Madagascar, Malaysia, Mali, Malta, Mauritania, Mauritius, Mexico, Mongolia, Morocco, Myanmar, Namibia, Netherlands, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, Norway, Pakistan, Panama, Papua New Guinea, Peru, Philippines, Poland, Portugal, Puerto Rico, Romania, Russian Federation, San Marino, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, Slovakia, Solomon Islands, Spain, Suriname, Swaziland, Sweden, Switzerland, Taiwan, Tajikistan, Thailand, Togo, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay, Uzbekistan, Vatican City, Venezuela, Vietnam, Yemen, and Zimbabwe.
- L2 RMI Level 2 Countries are those that are known or plausible countries for smuggling, exporting, or transiting of materials containing tantalum, tin, tungsten, or gold out of conflict affected regions, including: Mozambique and South Africa.
- L3 RMI Level 3 Countries are those high-risk countries outlined in Section 1502 of the Dodd-Frank Act as those affected or bordering conflict-affected regions: currently defined as the Democratic Republic of Congo (DRC) and its nine adjoining countries (Angola, Burundi, Central African Republic, Republic of the Congo, Rwanda, South Sudan, Tanzania, Uganda, Zambia).

#### **Future Steps**

We have communicated our expectations, as reflected in our Conflict Minerals Policy, to our contract manufacturers and other suppliers. We have continued to engage with our Tier 1 suppliers to update their information on the source and chain of custody of conflict minerals in our supply chain and to require that all smelters utilized agree to participate in the Responsible Minerals Assurance Process or equivalent program.

# Forward-Looking Statements

Statements relating to risk mitigation and certain other statements herein are forward-looking in nature and are based on the Company's management's current expectations or beliefs. Furthermore, our reporting obligations under the conflict minerals rules may change in the future and our ability to implement certain processes or obtain information from our suppliers may differ materially from those anticipated or implied in this report. These forward-looking statements are not a guarantee of performance and are subject to a number of uncertainties and other factors that may be outside of the Company's control and that could cause actual events to differ materially from those expressed or implied by the statements made herein. The Company assumes no obligation to update or provide revisions to any forward-looking statements.

# **Documents Incorporated by Reference**

Unless otherwise stated herein, any documents, third-party materials or references to websites (including QuickLogic's) are not incorporated by reference in, or considered to be a part of, this Report, unless expressly incorporated by reference herein.