# Conflict Minerals Report of Celestica Inc. For the reporting period from January 1, 2022 to December 31, 2022

This Conflict Minerals Report ("CMR") of Celestica Inc. ("Celestica" or the "Company") has been prepared pursuant to Rule 13p-1 ("Rule 13p-1") and Form SD promulgated under the Securities Exchange Act of 1934, as amended, for the reporting period of January 1, 2022 to December 31, 2022.

#### Introduction

Rule 13p-1 requires disclosure of certain information when a company manufactures or contracts to manufacture products for which the minerals specified in such Rule are necessary to the functionality or production of those products. The specified minerals are gold, columbite-tantalite (coltan), cassiterite and wolframite, including their derivatives, which are limited to tantalum, tin and tungsten (the "Conflict Minerals"). The "Covered Countries" for the purposes of Rule 13p-1 are the Democratic Republic of the Congo, the Republic of the Congo, the Central African Republic, South Sudan, Uganda, Rwanda, Burundi, Tanzania, Zambia and Angola.

Celestica is a multinational electronics manufacturing services ("EMS"), hardware platform and supply chain solutions company headquartered in Toronto, Canada. The Company's global network consists of approximately 40 sites in 16 countries in North America, Europe and Asia. The Company manufactures, or contracts to manufacture, certain products for which Conflict Minerals are necessary to their functionality or production.

Celestica builds products for a wide variety of leading original equipment manufacturers ("OEMs"), cloud-based and other service providers (including hyperscalers), and other companies in a wide range of industries, to be marketed under the customers' brands. Typically, the customer specifies all parts to be included in the product through an Approved Vendor List ("AVL"). As a result, Celestica does not control the selection of suppliers or materials sources unless specifically instructed to do so by its customers.

#### **Scope of this CMR**

In accordance with a transition exemption provided by the Securities and Exchange Commission, the products of PCI Private Limited, which was acquired by Celestica in November 2021, are excluded from the scope of this CMR.

#### Description of the Company's Products Covered by this CMR

This CMR relates to products: (i) for which Conflict Minerals are necessary to the functionality or production of that product; (ii) that were manufactured, or contracted to be manufactured, by the Company; and (iii) for which the manufacture was completed during calendar year 2022.

These products, which are referred to in this CMR collectively as the "Covered Products," consist of printed circuit board assemblies and complete system builds for the following: government certified and highly-specialized manufacturing, electronic and enclosure-related services for aerospace and defense customers; high-precision semiconductor and display equipment and integrated subsystems; a wide range of industrial automation, controls, test and measurement devices; engineering-focused engagements, including full product development in the areas of telematics, human machine interface (HMI), Internet-of-Things (IoT) and embedded systems; advanced solutions for surgical instruments, diagnostic imaging and patient monitoring; efficiency products to help manage and monitor the energy and power industries; and routers, switches, data center interconnects, edge solutions, and servers and storage-related products to manage digital connectivity, commerce and social media applications.

## The Company's Reasonable Country of Origin Inquiry and Due Diligence Process

In accordance with Rule 13p-1, the Company has conducted in good faith a reasonable country of origin inquiry ("RCOI") regarding the Conflict Minerals necessary to the functionality or production of the products it manufactures or contracts to manufacture. This RCOI was reasonably designed to determine whether any of such Conflict Minerals originated in the Covered Countries and whether any of such Conflict Minerals may be from recycled or scrap sources.

Celestica engaged with its immediate (Tier 1) suppliers to collect information about the presence and sourcing of Conflict Minerals used in products and components supplied to the Company. For new Tier 1 suppliers that came on board in, such engagement also included the provision of Celestica's Conflict Minerals Policy to such suppliers, and education on Celestica's position regarding Conflict Minerals sourcing practices and the requirements of Rule 13p-1. Information was collected using the Conflict Minerals Reporting Template ("CMRT"), a standardized reporting template developed by the Responsible Minerals Initiative ("RMI").

Supplier responses were evaluated for plausibility, consistency, and gaps both in terms of which products were stated to contain or not contain necessary Conflict Minerals, as well as their origin. Additional supplier contacts were conducted to address various issues, including implausible statements regarding no presence of Conflict Minerals, incomplete data on the CMRT, responses that did not identify smelters or refiners ("SORS"), responses which indicated a sourcing location without complete supporting information from the supply chain, and organizations that were identified as SORs, but not verified as such through analysis and/or research by such supplier.

In addition to the RCOI, the Company also exercised due diligence on the source and chain of custody of its necessary Conflict Minerals where the Company, based on its RCOI, had reason to believe that such Conflict Minerals may have originated in the Covered Countries and may not be from recycled or scrap sources.

The following criteria were used to determine which supply chains and associated SORs were moved to the due diligence step:

- · Supplier reported sourcing from Covered Countries;
- · Provided SOR data indicated sourcing from a mine located in the Covered Countries;
- · Listed SOR has been reported to source from a mine located in the Covered Countries (based on information contained within our internal database, which includes information from independent certification programs, and from Internet research/available public reports);
- · An indication that the SOR sourced from a Covered Country; or
- · Information provided about the SOR indicated the origin of the materials was not from a known reserve.

A total of 2,260 suppliers were surveyed as part of the RCOI process. Of these suppliers, 2,167 provided responses, and of those, 54.41% responded "yes" as to having one or more of the Conflict Minerals as necessary to the functionality or production of the products they supply to Celestica. An aggregate of 639 individual SORs (treating each smelter identification number as pertaining to a separate SOR) were identified as used by such suppliers; however, the SOR information obtained from suppliers pertained to all customers of such suppliers, and did not correspond specifically to products/components supplied to the Company.

The Company's due diligence measures were designed to conform to the framework in the Organization for Economic Cooperation and Development's (OECD) Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas: Third Edition (2016) and accompanying Supplements.

The Company's supply chain with respect to the Covered Products 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 purchase Conflict Minerals directly from mines or SORs. The Company must therefore rely on its suppliers to provide information regarding the origin of Conflict Minerals that are included in the Covered Products. However, because the Company believes that the smelters and refiners of the Conflict Minerals are best situated to identify the sources of Conflict Minerals, the Company has also taken steps to identify the applicable smelters and refiners of Conflict Minerals in the Company's supply chain.

The OECD Guidance identifies five due diligence steps:

Step 1: Establish Strong Company Management Systems Step 2: Identify and Assess Risks in the Supply Chain

- Step 3: Design and Implement a Strategy to Respond to Identified Risks
- Step 4: Carry out Independent Third-Party Audit of Smelter/Refiner's Due Diligence Practices
- Step 5: Report Annually on Supply Chain Due Diligence

It is important to note that the OECD Guidance was written for both upstream and downstream companies in the supply chain. As Celestica is a downstream company in the supply chain, its due diligence practices were tailored accordingly.

In addition to the RCOI described in detail above, the following constitute the procedures the Company used to identify supply chain risks in relation to Conflict Minerals in the Covered Products, and the due diligence activities undertaken to respond to those risks.

#### **OECD Guidance Step 1: Establish strong company management systems**

A management system is a framework of policies, procedures, processes and organizational structures that help enable a company to complete all tasks necessary to achieve its objectives. Celestica has established such a system by taking the following steps.

Adopt a conflict minerals policy

Celestica's Conflict Minerals Policy is publicly available at <a href="www.celestica.com">www.celestica.com</a> (under "About Us — Compliance and Ethics"). It states:

The mining and trading of Coltan (the metal ore from which Tantalum is extracted), Wolframite (the metal ore from which Tungsten is extracted), Cassiterite (the metal ore from which Tin is extracted), and Gold, and their respective derivatives, originating from the Democratic Republic of Congo ("DRC") or adjoining countries (the "DRC Region") has financed conflict, resulting in widespread human rights violations and environmental degradation. Section 1502(b) of the Dodd-Frank Wall Street Reform and Consumer Protection Act ("Conflict Minerals Law") requires SEC reporting companies to undertake an inquiry as to the source and chain of custody of conflict minerals and to make certain disclosures in connection therewith.

Celestica fully supports the objectives of this legislation, which aims to minimize violence and human rights violations in the DRC Region. We will comply with all applicable obligations under Conflict Minerals Law. Celestica expects that all suppliers comply with Conflict Minerals Law and provide all necessary declarations using the RMI Conflict Minerals Reporting Template. These measures will be used in conjunction with industry initiatives such as the Responsible Minerals Assurance Process (RMAP), to reasonably assure that the Tantalum, Tungsten, Tin or Gold in the products we manufacture do not directly or indirectly finance or benefit armed groups in the DRC Region. Celestica will assess future business with suppliers who are noncompliant with this policy.

Celestica is committed to ethical practices and compliance with applicable laws and regulations wherever it does business.

Assemble an internal team to support supply chain due diligence

Celestica has established a management system for Conflict Minerals. This management system includes an internal Conflict Minerals steering committee made up of senior management from Corporate Compliance, Finance, Supply Chain Management and Commodity Management functions, and a Supply Chain Management Environmental Engineering team to manage Conflict Minerals activities. The steering committee is updated on the results of Celestica's due diligence efforts on a regular basis.

Establish a system of controls and transparency over the mineral supply chain

To provide better transparency within Celestica's mineral supply chains and to facilitate communication of policies and expectations, Celestica has established an internal system to identify suppliers in Celestica's mineral supply chains and the relationships between them, collect, store, and review information on Conflict Minerals sourcing practices, track information on SORs, and flag risks based on SOR sourcing practices.

Strengthen company engagement with suppliers

Celestica engaged with suppliers through multiple communication outreaches by email and phone to educate suppliers on Celestica's expectations for sourcing and its Conflict Minerals Policy, and the requirements of Rule 13p-1. Suppliers were provided various avenues to obtain additional information and guidance regarding Celestica's Conflict Minerals compliance program, including on-line access to Celestica's Conflict Minerals Policy, and contact email addresses and telephone numbers for obtaining answers to questions and/or guidance on completing Celestica's information requests.

## OECD Guidance Step 2: Identify and Assess Risks in the Supply Chain

The following steps are recommended by the OECD to identify and assess risks in mineral supply chains.

Identify the SORs in the supply chain

The Company attempted to obtain information on identified SORs using Celestica's Conflict Minerals database, which includes information provided through internet searches, other research activities (*e.g.*, reviewing government databases and industry and trade organization lists), and contact with suppliers providing SOR information on their reporting templates. The Company also followed up where a sourcing location provided (country of mine origin) is not believed to be a known reserve for the given metal.

Identified SORs were matched against available lists of processors that have been certified by internationally-recognized industry validation schemes, such as the RMIs Responsible Minerals Assurance Process ("RMAP"), the London Bullion Market Association's Responsible Sourcing Programme and the Responsible Jewellery Council's Chain-of-Custody Certification Program. Suppliers and products associated with certified SORs were assumed to meet the OECD Guidance due diligence standards and responsibly source their materials.

## OECD Guidance Step 3: Design and Implement a Strategy to Respond to Identified Risks

Celestica implemented the following measures to address high risk SORs.

Report findings to senior management

A regular update is provided to Celestica's Conflict Minerals steering committee on the progress and findings of the RCOI and due diligence.

Devise and adopt a risk management plan, monitor and track risk mitigation, and evaluate supplier relationship

Celestica builds products for leading OEMs and other companies according to specifications provided by the customer to Celestica. Typically, the customer specifies all parts included in the product through an AVL. As a result, Celestica does not control selection of suppliers or materials sources unless specifically instructed to do so by its customers. If a risk is identified, Celestica will inform the customer of the risk in the supply chain and work with such customer to manage and mitigate the risk.

For parts that Celestica designs or over which Celestica has engineering control, if a risk is identified, Celestica will express its concerns to the relevant suppliers about providing revenue to armed groups within the Covered Countries. Celestica will work with suppliers to provide a roadmap intended to ensure that the Conflict Minerals they supply to Celestica will be responsibly sourced. If a supplier refuses to comply, Celestica will assess future business with the supplier.

#### OECD Guidance Step 4: Carry out Independent Third-Party Audit of Smelter/Refiner's Due Diligence Practices

This OECD step does not require or define audits for downstream companies. However, downstream companies can support these audits by supporting or joining industry organizations.

Celestica does not typically have a direct relationship with Conflict Minerals SORs and does not perform direct audits of these entities within its supply chain. However, as a member of the Responsible Business Alliance ("RBA"), Celestica participates in ongoing discussions and updates of the RMI RMAP, an audit program designed to validate SORs' sourcing practices. Through the RMAP validation process, which is voluntary, an independent third party audits the procurement and processing activities of a SOR to determine if it has the systems and processes in place to support responsible sourcing of raw materials and can provide evidence to support their sourcing activities.

## **OECD Guidance Step 5: Report Annually on Supply Chain Due Diligence.**

In fulfilling this step, Celestica's Conflict Minerals steering committee:

- a. Provided management with periodic process updates during the reporting period and through the filing date;
- b. Informed management of due diligence efforts and results; and
- c. Completed and filed this Conflict Minerals Report, and the Form SD to which it relates, which are publicly available at www.celestica.com (under "About Us Compliance and Ethics")

#### **Due Diligence Results**

Based on the information obtained in the Company's due diligence process, the Company does not have sufficient information to determine the particular facilities used to process Conflict Minerals in the Covered Products. SOR information was obtained from most (but not all) suppliers, and the SOR information that was obtained from suppliers was at a company or division level, not at a product level, and as a result, we cannot determine which of the identified SORs are actually in Celestica's supply chain.

With respect to the 639 SORs identified as used by the Company's suppliers, 234 were certified as Conformant by RMAP or another recognized certification program (London Bullion Market Association's Responsible Sourcing Programme or Responsible Jewellery Council Chain-of-Custody Certification). In addition, 9 SORs were identified as "active," i.e., they have committed to undergo a RMAP audit. The 639 SORs that were identified pursuant to the due diligence process, and their certification status, where applicable, are set forth below.

Facility Name	Metal	Certification
8853 S.p.A.	Gold	
Abington Reldan Metals, LLC	Gold	RMAP
Advanced Chemical Company	Gold	RMAP
African Gold Refinery	Gold	
Agosi AG	Gold	RMAP
Aida Chemical Industries Co., Ltd.	Gold	RMAP
Al Etihad Gold Refinery DMCC	Gold	RMAP
Alexy Metals	Gold	RMAP
Almalyk Mining and Metallurgical Complex (AMMC)	Gold	RMAP
AngloGold Ashanti Corrego do Sitio Mineracao	Gold	RMAP
Argor-Heraeus S.A.	Gold	RMAP
Asahi Pretec Corp.	Gold	RMAP
Asahi Refining Canada Ltd.	Gold	RMAP
Asahi Refining USA Inc.	Gold	RMAP
Asaka Riken Co., Ltd.	Gold	RMAP
Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	Gold	
AU Traders and Refiners	Gold	
Augmont Enterprises Private Limited	Gold	RMAP
Aurubis AG	Gold	RMAP
Bangalore Refinery	Gold	RMAP
Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	Gold	RMAP
Boliden AB	Gold	RMAP
C. Hafner GmbH + Co. KG	Gold	RMAP
C.I Metales Procesados Industriales SAS	Gold	RMAP
Caridad	Gold	
CCR Refinery - Glencore Canada Corporation	Gold	RMAP
Cendres + Metaux S.A.	Gold	
CGR Metalloys Pvt Ltd.	Gold	
Chimet S.p.A.	Gold	RMAP
Chugai Mining	Gold	RMAP
Daye Non-Ferrous Metals Mining Ltd.	Gold	LBMA
Degussa Sonne / Mond Goldhandel GmbH	Gold	221111
Dijllah Gold Refinery FZC	Gold	
Dowa	Gold	RMAP
DSC (Do Sung Corporation)	Gold	RMAP
Eco-System Recycling Co., Ltd. East Plant	Gold	RMAP
Eco-System Recycling Co., Ltd. North Plant	Gold	RMAP
Eco-System Recycling Co., Ltd. West Plant	Gold	RMAP
Emerald Jewel Industry India Limited (Unit 1)	Gold	TOTAL T
Emerald Jewel Industry India Limited (Unit 2)	Gold	
Emerald Jewel Industry India Limited (Unit 3)	Gold	
Emerald Jewel Industry India Limited (Unit 4)	Gold	
Emirates Gold DMCC	Gold	RMAP
Fidelity Printers and Refiners Ltd.	Gold	KWIAI
Fujairah Gold FZC	Gold	
Geib Refining Corporation	Gold	RMAP
GGC Gujrat Gold Centre Pvt. Ltd.	Gold	RMAP
Gold Coast Refinery	Gold	IXIVIZXI
Gold Refinery of Zijin Mining Group Co., Ltd.	Gold	RMAP
Great Wall Precious Metals Co., Ltd. of CBPM	Gold	LBMA
Guangdong Jinding Gold Limited	Gold	LDMA
Guangaong Finding Gold Emilion	Goid	

Guoda Safina High-Tech Environmental Refinery Co., Ltd.	Gold	
Hangzhou Fuchunjiang Smelting Co., Ltd.	Gold	
Heimerle + Meule GmbH	Gold	RMAP
Heraeus Germany GmbH Co. KG	Gold	RMAP
Heraeus Metals Hong Kong Ltd.	Gold	RMAP
Hunan Chenzhou Mining Co., Ltd.	Gold	
Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.	Gold	
HwaSeong CJ CO., LTD.	Gold	
Industrial Refining Company	Gold	
Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	Gold	RMAP
International Precious Metal Refiners	Gold	
Ishifuku Metal Industry Co., Ltd.	Gold	RMAP
Istanbul Gold Refinery	Gold	RMAP
Italpreziosi	Gold	RMAP
JALAN & Company	Gold	
Japan Mint	Gold	RMAP
Jiangxi Copper Co., Ltd.	Gold	RMAP
JSC Ekaterinburg Non-Ferrous Metal Processing Plant	Gold	
JSC Novosibirsk Refinery	Gold	
JSC Uralelectromed	Gold	
JX Nippon Mining & Metals Co., Ltd.	Gold	RMAP
K.A. Rasmussen	Gold	
Kaloti Precious Metals	Gold	
Kazakhmys Smelting LLC	Gold	
Kazzinc	Gold	RMAP
Kennecott Utah Copper LLC	Gold	RMAP
KGHM Polska Miedz Spolka Akcyjna	Gold	RMAP
Kojima Chemicals Co., Ltd.	Gold	RMAP
Korea Zinc Co., Ltd.	Gold	RMAP
Kundan Care Products Ltd.	Gold	
Kyrgyzaltyn JSC	Gold	LBMA
Kyshtym Copper-Electrolytic Plant ZAO	Gold	
L'azurde Company For Jewelry	Gold	
L'Orfebre S.A.	Gold	RMAP
Lingbao Gold Co., Ltd.	Gold	
Lingbao Jinyuan Tonghui Refinery Co., Ltd.	Gold	
LS-NIKKO Copper Inc.	Gold	RMAP
LT Metal Ltd.	Gold	RMAP
Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	Gold	
Marsam Metals	Gold	D3.645
Materion	Gold	RMAP

Matsuda Sangyo Co., Ltd.	Gold	RMAP
MD Overseas	Gold	
Metal Concentrators SA (Pty) Ltd.	Gold	RMAP
Metallix Refining Inc.	Gold	
Metalor Technologies (Hong Kong) Ltd.	Gold	RMAP
Metalor Technologies (Singapore) Pte., Ltd.	Gold	RMAP
Metalor Technologies (Suzhou) Ltd.	Gold	RMAP
Metalor Technologies S.A.	Gold	RMAP
Metalor USA Refining Corporation	Gold	RMAP
Metalurgica Met-Mex Penoles S.A. De C.V.	Gold	RMAP
Mitsubishi Materials Corporation	Gold	RMAP
Mitsui Mining and Smelting Co., Ltd.	Gold	RMAP
MKS PAMP SA	Gold	RMAP
MMTC-PAMP India Pvt., Ltd.	Gold	RMAP
Modeltech Sdn Bhd	Gold	
Morris and Watson	Gold	
Moscow Special Alloys Processing Plant	Gold	
Nadir Metal Rafineri San. Ve Tic. A.S.	Gold	RMAP
Navoi Mining and Metallurgical Combinat	Gold	RMAP
NH Recytech Company	Gold	RMAP
Nihon Material Co., Ltd.	Gold	RMAP
Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	Gold	RMAP
Ohura Precious Metal Industry Co., Ltd.	Gold	RMAP
OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	Gold	
Pease & Curren	Gold	
Penglai Penggang Gold Industry Co., Ltd.	Gold	
Planta Recuperadora de Metales SpA	Gold	RMAP
Prioksky Plant of Non-Ferrous Metals	Gold	
PT Aneka Tambang (Persero) Tbk	Gold	RMAP
PX Precinox S.A.	Gold	RMAP
QG Refining, LLC	Gold	
Rand Refinery (Pty) Ltd.	Gold	RMAP
Refinery of Seemine Gold Co., Ltd.	Gold	
REMONDIS PMR B.V.	Gold	RMAP
Royal Canadian Mint	Gold	RMAP
SAAMP	Gold	RMAP
Sabin Metal Corp.	Gold	
Safimet S.p.A	Gold	
SAFINA A.S.	Gold	RMAP
Sai Refinery	Gold	
Samduck Precious Metals	Gold	

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Sichuan Tianze Precious Metals Co., Ltd.         Gold           Singway Technology Co., Ltd.         Gold           SOE Shyolkovsky Factory of Secondary Precious Metals         Gold           SOE Shyolkovsky Factory of Secondary Precious Metals         Gold           Solar Applied Materials Technology Corp.         Gold           Sovereign Metals         Gold           State Research Institute Center for Physical Sciences and Technology         Gold           Sudan Gold Refinery         Gold           Sudan Gold Refinery         Gold           Sung Eel HiMetal Co., Ltd.         Gold           Sung Eel HiMetal Co., Ltd.         Gold           Super Dragon Technology Co., Ltd.         Gold           T.C.A S.p.A         Gold           Tanaka Kikinzoku Kogyo K.K.         Gold           RMAP         Tokuriki Honten Co., Ltd.           Tokuriki Honten Co., Ltd.         Gold           Torecom         Gold           Torecom         Gold           Mumicore Precious Metals Group Co., Ltd.         Gold           Torecom         Gold           United Precious Metal Refining, Inc.         Gold           Wale Trading         Gold           Wale Trading         Gold           Western Australian Mint (T/a The Perth	Shenzhen Zhonghenglong Real Industry Co., Ltd.	Gold	
Singway Technology Co., Ltd.         Gold           SOE Shyolkovsky Factory of Secondary Precious Metals         Gold           Solar Applied Materials Technology Corp.         Gold           Sovereign Metals         Gold           State Research Institute Center for Physical Sciences and Technology         Gold           State Research Institute Center for Physical Sciences and Technology         Gold           Suman Gold Refinery         Gold           SumgEel HiMetal Co., Ltd.         Gold           SungEel HiMetal Co., Ltd.         Gold           Super Dragon Technology Co., Ltd.         Gold           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           Umicore S.A. Business Unit Precious Metals Refining         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Valcambi S.A.         Gold         RMAP <t< td=""><td>Shirpur Gold Refinery Ltd.</td><td>Gold</td><td></td></t<>	Shirpur Gold Refinery Ltd.	Gold	
SOE Shyolkovsky Factory of Secondary Precious Metals         Gold         RMAP           Solar Applied Materials Technology Corp.         Gold         RMAP           Sovereign Metals         Gold         Gold           State Research Institute Center for Physical Sciences and Technology         Gold         RMAP           Sudan Gold Refinery         Gold         RMAP           SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           United Precious Metal Refining, Inc.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Value Trading         Gold         RMAP           WEEEREFINING         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Yamakin Co., Ltd.         Gold	Sichuan Tianze Precious Metals Co., Ltd.	Gold	RMAP
Solar Applied Materials Technology Corp.         Gold         RMAP           Sovereign Metals         Gold         Gold           State Research Institute Center for Physical Sciences and Technology         Gold         RMAP           Sudan Gold Refinery         Gold         RMAP           Sumitomo Metal Mining Co., Ltd.         Gold         RMAP           SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           Umicore Precious Metal Refining, Inc.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Valce Trading         Gold         RMAP           WEEERFINING         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP <td>Singway Technology Co., Ltd.</td> <td>Gold</td> <td></td>	Singway Technology Co., Ltd.	Gold	
Sovereign Metals         Gold           State Research Institute Center for Physical Sciences and Technology         Gold           Sudan Gold Refinery         Gold           Sumitomo Metal Mining Co., Ltd.         Gold         RMAP           SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Togling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           Unicore Precious Metals Thailand         Gold         RMAP           Unicore S.A. Business Unit Precious Metals Refining         Gold         RMAP           Unicore Precious Metal Refining, Inc.         Gold         RMAP           Value Trading         Gold         RMAP           Value Trading         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP	SOE Shyolkovsky Factory of Secondary Precious Metals	Gold	
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Sudan Gold Refinery         Gold         RMAP           Sumitomo Metal Mining Co., Ltd.         Gold         RMAP           SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Unicore Precious Metals Thailand         Gold         RMAP           United Precious Metal Refining, Inc.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Value Trading         Gold         RMAP           WEEEREFINING         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Yanakin Co., Ltd.         Gold         RMAP           Yunnan Copper Industry Co., Ltd.         Gold         RMAP           Zhongyuan Gold Smelter of Zhongjin Gold Corporation         Gold         LBMA	Sovereign Metals	Gold	
Sumitomo Metal Mining Co., Ltd.         Gold         RMAP           SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           Torecom         Gold         RMAP           Unicore Precious Metals Thailand         Gold         RMAP           United Precious Metals Refining, Inc.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Value Trading         Gold         RMAP           WEEEREFINING         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Western Australian Mint (T/a The Perth Mint)         Gold         RMAP           Yanakin Co., Ltd.         Gold         RMAP           Yunnan Copper Industry Co., Ltd.         Gold         RMAP           Yunnan Copper Industry Co., Ltd.         Gold         RMAP           ABC Refinery Pty Ltd.         Gold         LBMA <tr< td=""><td>State Research Institute Center for Physical Sciences and Technology</td><td>Gold</td><td></td></tr<>	State Research Institute Center for Physical Sciences and Technology	Gold	
SungEel HiMetal Co., Ltd.         Gold         RMAP           Super Dragon Technology Co., Ltd.         Gold         RMAP           T.C.A S.p.A         Gold         RMAP           Tanaka Kikinzoku Kogyo K.K.         Gold         RMAP           Tokuriki Honten Co., Ltd.         Gold         RMAP           Tongling Nonferrous Metals Group Co., Ltd.         Gold         RMAP           TOO Tau-Ken-Altyn         Gold         RMAP           Torecom         Gold         RMAP           Umicore Precious Metals Thailand         Gold         RMAP           Unicore Precious Metal Refining, Inc.         Gold         RMAP           United Precious Metal Refining, Inc.         Gold         RMAP           Valcambi S.A.         Gold         RMAP           Value Trading         Gold         RMAP           WEEEREFINING         Gold         RMAP           WEELAND Edelmetalle GmbH         Gold         RMAP           Vamakin Co., Ltd.         Gold         RMAP           Yamakin Co., Ltd.         Gold         RMAP           Yokohama Metal Co., Ltd.         Gold         RMAP           Yunnan Copper Industry Co., Ltd.         Gold         RMAP           Zhongyuan Gold Smelter of Zhongjin Gold	Sudan Gold Refinery	Gold	
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T.C.A S.p.A  Tanaka Kikinzoku Kogyo K.K.  Gold  RMAP  Tokuriki Honten Co., Ltd.  Gold  RMAP  Tongling Nonferrous Metals Group Co., Ltd.  Gold  TOO Tau-Ken-Altyn  Torecom  Gold  RMAP  Unicore Precious Metals Thailand  Unicore S.A. Business Unit Precious Metals Refining  United Precious Metal Refining, Inc.  Gold  RMAP  Valcambi S.A.  Value Trading  WEEEREFINING  Gold  WEEEREFINING  Gold  RMAP  Will-AND Edelmetalle GmbH  Yamakin Co., Ltd.  Gold  Zhongyuan Gold Smelter of Zhongjin Gold Corporation  ABC Refinery Pty Ltd.  Dongwu Gold Group  Gold  RMAP	SungEel HiMetal Co., Ltd.	Gold	RMAP
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United Precious Metal Refining, Inc.  Valcambi S.A.  Gold  RMAP  Value Trading  Gold  WEEEREFINING  Gold  RMAP  Western Australian Mint (T/a The Perth Mint)  WIELAND Edelmetalle GmbH  Yamakin Co., Ltd.  Gold  RMAP  Yokohama Metal Co., Ltd.  Gold  RMAP  Yunnan Copper Industry Co., Ltd.  Cold  Zhongyuan Gold Smelter of Zhongjin Gold Corporation  ABC Refinery Pty Ltd.  Dongwu Gold Group	Umicore Precious Metals Thailand	Gold	RMAP
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Western Australian Mint (T/a The Perth Mint)  WiELAND Edelmetalle GmbH  Yamakin Co., Ltd.  Gold  RMAP  Yokohama Metal Co., Ltd.  Gold  RMAP  Yunnan Copper Industry Co., Ltd.  Gold  Zhongyuan Gold Smelter of Zhongjin Gold Corporation  ABC Refinery Pty Ltd.  Dongwu Gold Group  Gold  RMAP  Gold  RMAP  Gold  RMAP  Gold  RMAP  Gold  Copper Industry Co., Ltd.  Copper Industry Co., Ltd.  Gold  Copper Industry Co., Ltd.  Copper Industry Co.,	•	Gold	
WIELAND Edelmetalle GmbH Yamakin Co., Ltd. Gold RMAP Yokohama Metal Co., Ltd. Gold RMAP Yunnan Copper Industry Co., Ltd. Gold Smelter of Zhongjin Gold Corporation Gold Smelter of Zhongjin Gold Corporation ABC Refinery Pty Ltd. Dongwu Gold Group Gold Group		Gold	RMAP
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ABC Refinery Pty Ltd. Gold LBMA Dongwu Gold Group Gold	11 ,		
Dongwu Gold Group Gold		Gold	RMAP
			LBMA
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	Gold by Gold Colombia	Gold	RMAP

Shenzhen CuiLu Gold Co., Ltd.	Gold	
TSK Pretech	Gold	
Morris and Watson Gold Coast	Gold	
Universal Precious Metals Refining Zambia	Gold	
SAXONIA Edelmetalle GmbH	Gold	
Republic Metals Corporation	Gold	
Umicore Brasil Ltda.	Gold	
So Accurate Group, Inc.	Gold	
Schone Edelmetaal B.V.	Gold	
Elemetal Refining, LLC	Gold	
DODUCO Contacts and Refining GmbH	Gold	
Daejin Indus Co., Ltd.	Gold	
Albino Mountinho Lda.	Gold	
Bauer Walser AG	Gold	RJC
Guangdong Hua Jian Trade Co., Ltd.	Gold	
Hang Seng Technology	Gold	
Jinlong Copper Co., Ltd.	Gold	
Korea Metal Co., Ltd.	Gold	
Nihon Superior Co., Ltd.	Gold	
Nyrstar Metals	Gold	
OJSC Kolyma Refinery	Gold	
Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co., Ltd.	Gold	
Shandong Hengbang Smelter Co., Ltd.	Gold	
Shandong penglai gold smelter	Gold	
Shenzhen Heng Zhong Industry Co., Ltd.	Gold	
Sino-Platinum Metals Co., Ltd.	Gold	
Suntain Co., Ltd.	Gold	
Tai Perng	Gold	
TAIWAN TOTAI CO., LTD.	Gold	
Viagra Di precious metals (Zhaoyuan) Co., Ltd.	Gold	
Wuzhong Group	Gold	
Xiamen JInbo Metal Co., Ltd.	Gold	
Yamato Denki Ind. Co., Ltd.	Gold	
Zhaojun Maifu	Gold	
Zhe Jiang Guang Yuan Noble Metal Smelting Factory	Gold	
Zhongkuang Gold Industry Co., Ltd.	Gold	
Zhongshan Hyper-Toxic Substance Monopolized Co., Ltd.	Gold	
Zhongshan Poison Material Proprietary Co., Ltd.	Gold	
Zhuhai toxic materials Monopoly Ltd.	Gold	
Yunnan Gold Mining Group Co., Ltd. (YGMG)	Gold	
Henan Yuguang Gold & Lead Co., Ltd.	Gold	

Zhuzhou Smelting Group Co., Ltd	Gold
Precious Metals Sales Corp.	Gold
ARY Aurum Plus	Gold
Shandong Yanggu Xiangguang Co., Ltd.	Gold
Hop Hing electroplating factory Zhejiang	Gold
SuZhou ShenChuang recycling Ltd.	Gold
Tsai Brother industries	Gold
AURA-II	Gold
Al Ghaith Gold	Gold
Hung Cheong Metal Manufacturing Limited	Gold
Rio Tinto Group	Gold
Speedrise	Gold
PT Prima Timah Utama	Gold
China GoldDeal Investment Co., Ltd.	Gold
China National Gold Group Corporation	Gold
Codelco	Gold
Colt Refining	Gold
DaeryongENC	Gold
Dongguanshi Sutande Dianzi Cailiao Youxiangongsi	Gold
Faggi Enrico S.p.A.	Gold
N.E. Chemcat	Gold
Sanmenxia Hengsheng science and technology, research and development Co., LTD	Gold
Suzhou Xingrui Noble	Gold
Yantai Zhaojin Lifu Precious Metals Co., Ltd.	Gold
Zhuzhou Cemented Carbide	Gold
Feinhutte Halsbrucke GmbH	Gold
IBF IND BRASILEIRA DE FERROLIGAS LTDA	Gold
Linwu Xianggui Ore Smelting Co., Ltd.	Gold
Materials Eco-Refining CO.,LTD	Gold
Novosibirsk Processing Plant Ltd.	Gold
Ganxian Shirui New Material Co., Ltd.	Gold
Baiyin Nonferrous Metals Corporation (BNMC)	Gold
Bank of Taiwan Department of Trade	Gold
Alpha	Gold
MK Electron	Gold
Scotia Mocatta	Gold
Shanghai Gold Exchange	Gold
Bank of Switzerland	Gold
Taiwan Bank	Gold
CV Serumpun Sebalai	Gold
Dongguan Standard Electronic Material Co., Ltd	Gold
2	

Gejiu Yunxi Group Corp.	Gold	
Hetai Gold Mine	Gold	
House of Currency of Brazil (Casa da Moeda do Brazil)	Gold	
Shandong Jin Jinyin Refining Ltd.	Gold	
Shenzhen Fujun Material Technology Co., Ltd.	Gold	
Yifeng Tin	Gold	
CV Nurjanah	Gold	
White Solder Metalurgia e Mineração Ltda.	Gold	
Yunnan Tin Group (Holding) Company Limited	Gold	
Global Tungsten & Powders Corp.	Gold	
Hunan Chunchang Nonferrous Metals Co., Ltd.	Gold	
Jinli Enterprise Co., Ltd.	Gold	
DHF Technical Products	Gold	
AMG Brasil	Tantalum	RMAP
Changsha South Tantalum Niobium Co., Ltd.	Tantalum	RMAP
D Block Metals, LLC	Tantalum	RMAP
F&X Electro-Materials Ltd.	Tantalum	RMAP
FIR Metals & Resource Ltd.	Tantalum	RMAP
Global Advanced Metals Aizu	Tantalum	RMAP
Global Advanced Metals Boyertown	Tantalum	RMAP
QSIL Metals Hermsdorf GmbH	Tantalum	RMAP
Hengyang King Xing Lifeng New Materials Co., Ltd.	Tantalum	RMAP
Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	Tantalum	RMAP
Jiangxi Tuohong New Raw Material	Tantalum	RMAP
JiuJiang JinXin Nonferrous Metals Co., Ltd.	Tantalum	RMAP
Jiujiang Tanbre Co., Ltd.	Tantalum	RMAP
Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	Tantalum	RMAP
KEMET de Mexico	Tantalum	RMAP
Materion Newton Inc.	Tantalum	RMAP
Metallurgical Products India Pvt., Ltd.	Tantalum	RMAP
Mineracao Taboca S.A.	Tantalum	RMAP
Mitsui Mining and Smelting Co., Ltd.	Tantalum	RMAP
Ningxia Orient Tantalum Industry Co., Ltd.	Tantalum	RMAP
NPM Silmet AS	Tantalum	RMAP
QuantumClean	Tantalum	RMAP
Resind Industria e Comercio Ltda.	Tantalum	RMAP
RFH Yancheng Jinye New Material Technology Co., Ltd.	Tantalum	RMAP
Solikamsk Magnesium Works OAO	Tantalum	
Taki Chemical Co., Ltd.	Tantalum	RMAP
TANIOBIS Co., Ltd.	Tantalum	RMAP
TANIOBIS GmbH	Tantalum	RMAP

TANIOBIS Japan Co., Ltd.  Tantalum RMAP TANIOBIS Smelting GmbH & Co. KG  Tantalum RMAP Telex Metals  Ulba Metallurgical Plant JSC  Tantalum RMAP XIMEI RESOURCES (GUANGDONG) LIMITED  XinXing HaoRong Electronic Material Co., Ltd.  Yanling Jincheng Tantalum & Niobium Co., Ltd.  Tantalum RMAP Jiujiang Janny New Material Co., Ltd.  Tantalum  RMAP  Tantalum  Tantalum  RMAP  Tantalum  Tantalum  Tantalum  Tantalum
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Ulba Metallurgical Plant JSC  XIMEI RESOURCES (GUANGDONG) LIMITED  XinXing HaoRong Electronic Material Co., Ltd.  Yanling Jincheng Tantalum & Niobium Co., Ltd.  Tintalum RMAP  Yanling Janny New Material Co., Ltd.  Tantalum  Tantalum  Meta Materials  Tantalum  Tantalum
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Jiujiang Janny New Material Co., Ltd.  Meta Materials  Tantalum  Tantalum
Meta Materials Tantalum
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E C D E1
E.S.R. Electronics Tantalum
Tranzact, Inc.  Tantalum
KEMET Blue Powder Tantalum
Plansee SE Reutte Tantalum
H.C. Starck Surface Technology and Ceramic Powders GmbH  Tantalum
Plansee SE Liezen Tantalum
Yichun Jin Yang Rare Metal Co., Ltd.  Tantalum
Hi-Temp Specialty Metals, Inc.  Tantalum
Global Advanced Metals Tantalum
Exotech Inc. Tantalum
Duoluoshan Tantalum
Guangdong Rising Rare Metals-EO Materials Ltd.  Tantalum
Asaka Riken Co., Ltd.  Tantalum
5D Production OU Tantalum
Anhui Herrman Impex Co.  Tantalum
KEMET Corp. Tantalum
King-Tan Tantalum Industry Ltd.  Tantalum
Plansee SE Tantalum
Shanghai Jiangxi Metals Co., Ltd.  Tantalum
Zhuzhou Cemented Carbide Group Co., Ltd.  Tantalum
Nantong Tongjie Electrical Co., Ltd.  Tantalum
AMG Mining Mibra Mine Tantalum
PM Kalco Inc Tantalum
CP Metals Inc.  Tantalum
Guizhou Zhenhua Xinyun Technology Ltd., Kaili branch  Tantalum
Nghe Tinh Non-Ferrous Metals Joint Stock Company  Tantalum
Taicang City Nancang Metal Material Co.,Ltd  Tantalum
H.C. Starck GmbH Tantalum
Alpha Tin RMAP
An Vinh Joint Stock Mineral Processing Company  Tin
Aurubis Beerse Tin RMAP
Aurubis Berango Tin RMAP

Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	Tin	RMAP
Chifeng Dajingzi Tin Industry Co., Ltd.	Tin	RMAP
China Tin Group Co., Ltd.	Tin	RMAP
CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	Tin	RMAP
CRM Synergies	Tin	RMAP
CV Ayi Jaya	Tin	RMAP
CV Venus Inti Perkasa	Tin	RMAP
Dongguan CiEXPO Environmental Engineering Co., Ltd.	Tin	
Dowa	Tin	RMAP
Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	Tin	
EM Vinto	Tin	RMAP
Estanho de Rondonia S.A.	Tin	RMAP
Fabrica Auricchio Industria e Comercio Ltda.	Tin	RMAP
Fenix Metals	Tin	RMAP
Gejiu City Fuxiang Industry and Trade Co., Ltd.	Tin	
Gejiu Kai Meng Industry and Trade LLC	Tin	
Gejiu Non-Ferrous Metal Processing Co., Ltd.	Tin	RMAP
Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	Tin	
Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	Tin	RMAP
Jiangxi New Nanshan Technology Ltd.	Tin	RMAP
Luna Smelter, Ltd.	Tin	RMAP
Magnu's Minerais Metais e Ligas Ltda.	Tin	RMAP
Malaysia Smelting Corporation (MSC)	Tin	RMAP
Melt Metais e Ligas S.A.	Tin	
Metallic Resources, Inc.	Tin	RMAP
Mineracao Taboca S.A.	Tin	RMAP
Minsur	Tin	RMAP
Mitsubishi Materials Corporation	Tin	RMAP
Modeltech Sdn Bhd	Tin	
Nghe Tinh Non-Ferrous Metals Joint Stock Company	Tin	
Novosibirsk Tin Combine	Tin	
O.M. Manufacturing (Thailand) Co., Ltd.	Tin	RMAP
O.M. Manufacturing Philippines, Inc.	Tin	RMAP
Operaciones Metalurgicas S.A.	Tin	RMAP
Pongpipat Company Limited	Tin	
Precious Minerals and Smelting Limited	Tin	
PT Aries Kencana Sejahtera	Tin	RMAP
PT Artha Cipta Langgeng	Tin	RMAP
PT ATD Makmur Mandiri Jaya	Tin	RMAP
PT Babel Inti Perkasa	Tin	RMAP

PT Bangka Prima Tin         RMAP           PT Bangka Serumpun         Tin         RMAP           PT Belitung Industri Sejahtera         Tin         RMAP           PT Bukit Timah         Tin         RMAP           PT Gipta Persada Mulia         Tin         RMAP           PT Menara Cipta Mulia         Tin         RMAP           PT Mitra Stania Prima         Tin         RMAP           PT Mitra Sukses Giobalindo         Tin         RMAP           PT Pitria Stania Prima         Tin         RMAP           PT Premium Tin Indonesia         Tin         RMAP           PT Premium Tin Indonesia         Tin         RMAP           PT Prima Timah Utama         Tin         RMAP           PT Rejined Bangka Tin         Tin         RMAP           PT Sariviguna Binasentosa         Tin         RMAP           PT Sariviguna Binasentosa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Nusantara         Tin         RMAP           PT Timah Tibk Kundur         Tin         RMAP           PT Timah Tibk Kundur         Tin         RMAP           PT Timah Tibk Kundur         Tin         RMAP           PT Timah Tibk	PT Babel Surya Alam Lestari	Tin	RMAP
PT Bangka Serumpun         Tin         RMAP           PT Belitiung Industri Sejahtera         Tin         RMAP           PT Bukit Timah         Tin         RMAP           PT Cipta Persada Mulia         Tin         RMAP           PT Mitra Stania Prima         Tin         RMAP           PT Mitra Sukses Globalindo         Tin         RMAP           PT Pit Mitra Sukses Globalindo         Tin         RMAP           PT Prima Timah Utama         Tin         RMAP           PT Premium Tin Indonesia         Tin         RMAP           PT Prima Timah Utama         Tin         RMAP           PT Refined Bangka Tin         Tin         RMAP           PT Sariwiguna Binasentosa         Tin         RMAP           PT Sariwiguna Binasentosa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timiah Tbk Kundur         Tin         RMAP           PT Timiah Tbk Kundur         Tin         RMAP           PT Timiah Tbk Kundur         Tin         RMAP <tr< td=""><td></td><td></td><td></td></tr<>			
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PT Menara Cipta Mulia         Tin         RMAP           PT Mitra Stania Prima         Tin         RMAP           PT Mitra Sukses Globalindo         Tin         RMAP           PT Panca Mega Persada         Tin         RMAP           PT Pennium Tin Indonesia         Tin         RMAP           PT Prima Timah Utama         Tin         RMAP           PT Rajawali Rimba Perkasa         Tin         RMAP           PT Refined Bangka Tin         Tin         RMAP           PT Sariwiguna Binasentosa         Tin         RMAP           PT Statindo Inti Perkasa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timiah Tbk Kundur         Tin         RMAP           PT Timinah Tbk Kundur         Tin         RMAP	PT Cipta Persada Mulia		RMAP
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PT Mitra Sukses Globalindo         Tin         RMAP           PT Panca Mega Persada         Tin         TMAP           PT Premium Tin Indonesia         Tin         RMAP           PT Premium Timah Utama         Tin         RMAP           PT Rajawali Rimba Perkasa         Tin         RMAP           PT Rajawali Rimba Perkasa         Tin         RMAP           PT Sarwiguna Binasentosa         Tin         RMAP           PT Stamindo Inti Perkasa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Nusantara         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timus Putra Mandiri         Tin         RMAP           PT Tommy Utama         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Super Ligas         Tin         RMAP           Thaisarco         Tin         RMAP           Tina Sendting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP		Tin	
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PT Prima Timah Utama         Tin         RMAP           PT Rajawali Rimba Perkasa         Tin         RMAP           PT Refined Bangka Tin         Tin         RMAP           PT Stariwiguna Binasentosa         Tin         RMAP           PT Timah Tisk Mamur         Tin         RMAP           PT Timah Tusattra         Tin         RMAP           PT Timah Tusattra         Tin         RMAP           PT Timah Tibk Mentok         Tin         RMAP           PT Timah Tusattra         Tin         RMAP           PT Timah Tusattra         Tin         RMAP           PT Timah Tusattra         Tin         RMAP           Resind Industria         Tin         RMAP	PT Panca Mega Persada	Tin	
PT Rajawali Rimba Perkasa         Tin         RMAP           PT Refined Bangka Tin         Tin         RMAP           PT Stariwiguna Binasentosa         Tin         RMAP           PT Timah Tok Kundur         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timinh Tbk Mentok         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Puyen Ligas         Tin         RMAP      <	PT Premium Tin Indonesia	Tin	RMAP
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PT Sariwiguna Binasentosa         Tin         RMAP           PT Stanindo Inti Perkasa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Nusantara         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timindo Inter Nusa         Tin         RMAP           PT Timindo Inter Nusa         Tin         RMAP           PT Timus Putra Mandiri         Tin         RMAP           PT Tommy Utama         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Super Ligas         Tin         RMAP           Super Ligas         Tin         RMAP           Thaisarco         Tin         RMAP           Tin Smelting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP           Tin Smelting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP           Tuyen Quang Non-Ferrous Metals Joint Stock Company         Tin         RMAP           VQB Mineral and Trading Group JSC         Tin         RMAP           Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	PT Rajawali Rimba Perkasa	Tin	RMAP
PT Stanindo Inti Perkasa         Tin         RMAP           PT Sukses Inti Makmur         Tin         RMAP           PT Timah Nusantara         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Tinindo Inter Nusa         Tin         Tin           PT Tirus Putra Mandiri         Tin         RMAP           PT Tommy Utama         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Super Ligas         Tin         RMAP           Thaisarco         Tin         RMAP           Tin Smelting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP           Tin Technology & Refining         Tin         RMAP           Tuyen Quang Non-Ferrous Metals Joint Stock Company         Tin         RMAP           VQB Mineral and Trading Group JSC         Tin         RMAP           Yunnan Chengfeng Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Non-ferrous Metals Co., Ltd.         Tin         RMAP           PT	PT Refined Bangka Tin	Tin	RMAP
PT Sukses Inti Makmur         Tin         RMAP           PT Timah Nusantara         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Tirus Putra Mandiri         Tin         RMAP           PT Tommy Utama         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Super Ligas         Tin         RMAP           Super Ligas         Tin         RMAP           Thaisarco         Tin         RMAP           Tin Smelting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP           Tin Technology & Refining         Tin         RMAP           Tuyen Quang Non-Ferrous Metals Joint Stock Company         Tin         RMAP           White Solder Metalurgia e Mineracao Ltda.         Tin         RMAP           Yunnan Chengfeng Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Mon-ferrous Metals Co., Ltd.         Tin         RMAP           PT Bangk	PT Sariwiguna Binasentosa	Tin	RMAP
PT Timah Nusantara         Tin         RMAP           PT Timah Tbk Kundur         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timah Tbk Mentok         Tin         RMAP           PT Timindo Inter Nusa         Tin         Tin           PT Tirus Putra Mandiri         Tin         RMAP           PT Tommy Utama         Tin         RMAP           Resind Industria e Comercio Ltda.         Tin         RMAP           Rui Da Hung         Tin         RMAP           Super Ligas         Tin         RMAP           Super Ligas         Tin         RMAP           Thaisarco         Tin         RMAP           Tin Smelting Branch of Yunnan Tin Co., Ltd.         Tin         RMAP           Tin Technology & Refining         Tin         RMAP           Tuyen Quang Non-Ferrous Metals Joint Stock Company         Tin         RMAP           White Solder Metalurgia e Mineracao Ltda.         Tin         RMAP           Yunnan Chengfeng Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Non-ferrous Metals Co., Ltd.         Tin         RMAP           Yunnan Yunfan Mon-ferrous Metals Co., Ltd.         Tin         RMAP           PT Bangka	PT Stanindo Inti Perkasa	Tin	RMAP
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Da Nang Processing Import and Export Joint Stock Tin		Tin	RMAP
			RMAP
PT Lautan Harmonis Sejahtera Tin			
	PT Lautan Harmonis Sejahtera	Tin	

Gejiu Jinye Mineral Company	Tin	
Guanyang Guida Nonferrous Metal Smelting Plant	Tin	
Gejiu Fengming Metallurgy Chemical Plant	Tin	
HuiChang Hill Tin Industry Co., Ltd.	Tin	RMAP
Thai Nguyen Mining and Metallurgy Co., Ltd.	Tin	RMAP
PT Kijang Jaya Mandiri	Tin	
An Thai Minerals Co., Ltd.	Tin	
PT O.M. Indonesia	Tin	
PT Rajehan Ariq	Tin	RMAP
CV Dua Sekawan	Tin	
PT Inti Stania Prima	Tin	
Phoenix Metal Ltd.	Tin	
PT Wahana Perkit Jaya	Tin	
Soft Metais Ltda.	Tin	
PT Sumber Jaya Indah	Tin	
PT Karimun Mining	Tin	
PT Eunindo Usaha Mandiri	Tin	
PT DS Jaya Abadi	Tin	
PT BilliTin Makmur Lestari	Tin	
PT Bangka Putra Karya	Tin	
Minmetals Ganzhou Tin Co. Ltd.	Tin	
Linqu Xianggui Smelter Co., Ltd.	Tin	
Huichang Jinshunda Tin Co., Ltd.	Tin	
CV United Smelting	Tin	
PT Justindo	Tin	
CV Gita Pesona	Tin	
Cooperativa Metalurgica de Rondonia Ltda.	Tin	
CNMC (Guangxi) PGMA Co., Ltd.	Tin	
Jiangxi Ketai Advanced Material Co., Ltd.	Tin	
PT Masbro Alam Stania	Tin	
Dongguan City Xida Soldering Tin Products Co.	Tin	
Feinhutte Halsbrucke GmbH	Tin	
Fuji Metal Mining Corp.	Tin	
Gejiu Yunxi Group Corp.	Tin	
Guangxi Nonferrous Metals Group	Tin	
Guangxi Zhongshan Jin Yi Smelting Co., Ltd.	Tin	
Hezhou Jinwei Tin Co., Ltd.	Tin	
IMPAG AG	Tin	
Jiang Xi Jia Wang Technology Tin Products Environmental Ltd.	Tin	
Ju Tai Industrial Co., Ltd.	Tin	
Ma An Shan Shu Guang Smelter Corp.	Tin	

Materials Eco-Refining Co., Ltd.	Tin
Metahub Industries Sdn. Bhd.	Tin
Metallum Group Holding NV	Tin
Minchali Metal Industry Co., Ltd.	Tin
Ming Li Jia smelt Metal Factory	Tin
Ney Metals and Alloys	Tin
Old City Metals Processing Co., Ltd.	Tin
Pan Light Corporation	Tin
PT Alam Lestari Kencana	Tin
PT Bangka Kudai Tin	Tin
PT Bangka Timah Utama Sejahtera	Tin
PT Fang Di MulTindo	Tin
PT Koba Tin	Tin
PT NATARI	Tin
PT Seirama Tin Investment	Tin
PT Supra Sukses Trinusa	Tin
Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co., Ltd.	Tin
Shenzhen Hong Chang Metal Manufacturing Factory	Tin
Sichuan Guanghan Jiangnan casting smelters	Tin
Sizer Metals PTE Ltd	Tin
Suzhou Nuonengda Chemical Co., Ltd.	Tin
Taicang City Nancang Metal Material Co., Ltd.	Tin
Taiwan high-tech Co., Ltd.	Tin
Taiwan Huanliang	Tin
Taiwan's lofty Enterprises Ltd.	Tin
Tennessee Aluminum Processors	Tin
Tianshui Ling Bo Technology Co., Ltd.	Tin
TIN PLATING GEJIU	Tin
Top-Team Technology (Shenzhen) Ltd.	Tin
Ultracore Co., Ltd.	Tin
WELLEY	Tin
WUJIANG CITY LUXE TIN FACTORY	Tin
Xin Furukawa Metal ( Wuxi ) Co., Ltd.	Tin
XURI	Tin
Yifeng Tin	Tin
Yuecheng Tin Co., Ltd.	Tin
Yunnan Chengo Electric Smelting Plant	Tin
Yunnan Copper Zinc Industry Co., Ltd.	Tin
Yunnan Geiju Smelting Corp.	Tin
Yunnan Industrial Co., Ltd.	Tin
Zhongshan Jinye Smelting Co.,Ltd	Tin

GUANGAI HUA IIN GOLD MINUTE FEE, LID.	I in
LIAN JING	Tin
Yunnan Malipo Baiyi Kuangye Co.	Tin
M/s ECO Tropical Resources	Tin
Sigma Tin Alloy Co., Ltd.	Tin
Spectro Alloys Corp.	Tin
Xiamen Honglu Tungsten Molybdenum Co., Ltd.	Tin
Hongqiao Metals (Kunshan) Co., Ltd.	Tin
PT Timah Tbk	Tin
Chofu Works	Tin
Arco Alloys	Tin
Jiangxi Yaosheng Tungsten Co., Ltd.	Tin
Xianghualing Tin Industry Co., Ltd.	Tin
OMODEO A. E S. METALLEGHE SRL	Tin
Kester inc	Tin
Guangxi yunxi	Tin
Yantai Zhaojin Lifu Precious Metals Co., Ltd.	Tin
AIM Group	Tin
American Iron and Metal	Tin
Brinkmann Chemie AG	Tin
CFC Cooperativa dos Fundidores de Cassiterita da Amazonia Ltda.	Tin
CV Duta Putra Bangka	Tin
CV Makmur Jaya	Tin
Gold Bell Group	Tin
MCP Metalspecialties, Inc	Tin
PT HP Metals Indonesia	Tin
PT Yinchendo Mining Industry	Tin
ShangHai YueQiang Metal Products Co., LTD	Tin
Tongding Group	Tin
Westfalenzinn	Tin
Westmetall GmbH & Co. KG	Tin
KOVOHUTE PRIBRAM NASTUPNICKA, A.S.	Tin
Nathan Trotter & Co INC.	Tin
Hayes Metals Pty Ltd	Tin
Primeyoung Metal Ind. (Zhuhai) Co., Ltd.	Tin
Sun Surface Technology Co Ltd	Tin
Wu Xi Shi Yi Zheng Ji Xie She Bei Company	Tin
Wuxi Lantronic Electronic Co Ltd	Tin
Yamamoto Precious Metal Co., Ltd.	Tin
Zijin Mining Group Co., Ltd. Gold Refinery	Tin
Argor-Heraeus SA	Tin

Asahi Pretec Corporation	Tin	
Heraeus Precious Metals GmbH & Co. KG	Tin	
Metalor Technologies SA	Tin	
Valcambi SA	Tin	
Western Australian Mint trading as The Perth Mint	Tin	
Shen Mao Solder (M) Sdn. Bhd	Tin	
Elemetal Refining, LLC	Tin	
Nicromet	Tin	
Yan Nan Xi Ye Electrical Limited	Tin	
PSC VSMPO-AVISMA Corp.	Tin	
Ton Yi Industrial Corporation	Tin	
A.L.M.T. Corp.	Tungsten	RMAP
ACL Metais Eireli	Tungsten	
Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.	Tungsten	
Artek LLC	Tungsten	
Asia Tungsten Products Vietnam Ltd.	Tungsten	RMAP
China Molybdenum Tungsten Co., Ltd.	Tungsten	RMAP
Chongyi Zhangyuan Tungsten Co., Ltd.	Tungsten	RMAP
CNMC (Guangxi) PGMA Co., Ltd.	Tungsten	
Cronimet Brasil Ltda	Tungsten	RMAP
Fujian Ganmin RareMetal Co., Ltd.	Tungsten	RMAP
Fujian Xinlu Tungsten Co., Ltd.	Tungsten	RMAP
Ganzhou Haichuang Tungsten Co., Ltd.	Tungsten	RMAP
Ganzhou Huaxing Tungsten Products Co., Ltd.	Tungsten	RMAP
Ganzhou Jiangwu Ferrotungsten Co., Ltd.	Tungsten	RMAP
Ganzhou Seadragon W & Mo Co., Ltd.	Tungsten	RMAP
Global Tungsten & Powders LLC	Tungsten	RMAP
Guangdong Xianglu Tungsten Co., Ltd.	Tungsten	RMAP
H.C. Starck Tungsten GmbH	Tungsten	RMAP
Hubei Green Tungsten Co., Ltd.	Tungsten	RMAP
Hunan Chenzhou Mining Co., Ltd.	Tungsten	RMAP
Hunan Jintai New Material Co., Ltd.	Tungsten	RMAP
Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	Tungsten	RMAP
Hydrometallurg, JSC	Tungsten	
Japan New Metals Co., Ltd.	Tungsten	RMAP
Jiangwu H.C. Starck Tungsten Products Co., Ltd.	Tungsten	RMAP
Jiangxi Gan Bei Tungsten Co., Ltd.	Tungsten	RMAP
Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	Tungsten	
Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	Tungsten	RMAP
Jiangxi Xinsheng Tungsten Industry Co., Ltd.	Tungsten	RMAP

Jiangxi Yaosheng Tungsten Co., Ltd.	Tungsten	RMAP
JSC "Kirovgrad Hard Alloys Plant"	Tungsten	
Kennametal Fallon	Tungsten	RMAP
Kennametal Huntsville	Tungsten	RMAP
Lianyou Metals Co., Ltd.	Tungsten	RMAP
Malipo Haiyu Tungsten Co., Ltd.	Tungsten	RMAP
Masan High-Tech Materials	Tungsten	RMAP
Moliren Ltd.	Tungsten	
Niagara Refining LLC	Tungsten	RMAP
NPP Tyazhmetprom LLC	Tungsten	
OOO "Technolom" 1	Tungsten	
OOO "Technolom" 2	Tungsten	
Philippine Chuangxin Industrial Co., Inc.	Tungsten	RMAP
TANIOBIS Smelting GmbH & Co. KG	Tungsten	RMAP
Unecha Refractory metals plant	Tungsten	
Wolfram Bergbau und Hutten AG	Tungsten	RMAP
Xiamen Tungsten (H.C.) Co., Ltd.	Tungsten	RMAP
Xiamen Tungsten Co., Ltd.	Tungsten	RMAP
Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	Tungsten	RMAP
LLC Vostok	Tungsten	
CP Metals Inc.	Tungsten	
KGETS Co., Ltd.	Tungsten	RMAP
Hunan Litian Tungsten Industry Co., Ltd.	Tungsten	
Woltech Korea Co., Ltd.	Tungsten	
South-East Nonferrous Metal Company Limited of Hengyang City	Tungsten	
Jiangxi Xianglu Tungsten Co., Ltd.	Tungsten	
Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	Tungsten	
Sanher Tungsten Vietnam Co., Ltd.	Tungsten	
Ganzhou Yatai Tungsten Co., Ltd.	Tungsten	
Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	Tungsten	
Dayu Jincheng Tungsten Industry Co., Ltd.	Tungsten	
Jiangxi Richsea New Materials Co., Ltd.	Tungsten	
Zhuzhou Cemented Carbide Group Co., Ltd.	Tungsten	
Xinhai Rendan Shaoguan Tungsten Co., Ltd.	Tungsten	
Vietnam Youngsun Tungsten Industry Co., Ltd.	Tungsten	
Tejing (Vietnam) Tungsten Co., Ltd.	Tungsten	
H.C. Starck Group	Tungsten	
Fujian Jinxin Tungsten Co., Ltd.	Tungsten	
Dayu Weiliang Tungsten Co., Ltd.	Tungsten	
YUDU ANSHENG TUNGSTEN CO., LTD.	Tungsten	
HANNAE FOR T Co., Ltd.	Tungsten	

China Minmetals Non-ferrous Metals Holding Co., Ltd. Tungsten Ganzhou Non-ferrous Metals Smelting Co., Ltd. Tungsten WOLFRAM Company CJSC Tungsten Zhangzhou Chuen Bao Apt Smeltery Co., Ltd. Tungsten Daido Steel Tungsten Toshiba Material Co., Ltd. Tungsten Ganxian Shirui New Material Co., Ltd. Tungsten Pobedit, JSC Tungsten Ganzhou Beseem Ferrotungsten Co., Ltd. Tungsten Tungsten Mehra Ferro-Alloys Pvt. Ltd. Tungsten Plansee SE Reutte Nanchang Cemented Carbide Limited Liability Company Tungsten **CB-CERATIZIT** Tungsten Ganzhou Hongfei Materials Co. Tungsten TaeguTec Tungsten Tungsten Nankang Nanshan Tin Manufactory Co., Ltd.

Based on the information obtained in the Company's due diligence process, the Company does not have sufficient information to determine the country of origin of the Conflict Minerals in the Covered Products. However, the following represent the countries of origin identified by the SORs set forth above. The Company's efforts to determine the mine(s) or location of origin with the greatest possible specificity are described in the RCOI and due diligence discussion above.

METALS	COUNTRY OF ORIGIN
	ANDORRA, AUSTRALIA, AUSTRIA, BELGIUM, BRAZIL, CANADA, CHILE, CHINA, COLOMBIA,
	CZECHIA, FRANCE, GERMANY, GHANA, INDIA, INDONESIA, ITALY, JAPAN, KAZAKHSTAN,
Gold	KYRGYZSTAN, LITHUANIA, MALAYSIA, MAURITANIA, MEXICO, NETHERLANDS, NEW ZEALAND,
	NORWAY, PHILIPPINES, POLAND, PORTUGAL, REPUBLIC OF KOREA, RUSSIAN FEDERATION, SAUDI
	ARABIA, SINGAPORE, SOUTH AFRICA, SPAIN, SUDAN, SWEDEN, SWITZERLAND, TAIWAN
	PROVINCE OF CHINA, THAILAND, TURKEY, UGANDA, UNITED ARAB EMIRATES, UNITED STATES OF
	AMERICA, UZBEKISTAN, ZAMBIA, ZIMBABWE.
Tantalum	AUSTRIA, BRAZIL, CHINA, ESTONIA, GERMANY, INDIA, JAPAN, KAZAKHSTAN, MEXICO, REPUBLIC
Tailtaiuiii	OF NORTH MACEDONIA, RUSSIAN FEDERATION, THAILAND, UNITED STATES OF AMERICA.
	AUSTRALIA, BELGIUM, BOLIVIA (PLURINATIONAL STATE OF), BRAZIL, CANADA, CHINA, CZECHIA,
Tin	GERMANY, INDIA, INDONESIA, JAPAN, MALAYSIA, MYANMAR, PERU, PHILIPPINES, POLAND,
	RUSSIAN FEDERATION, RWANDA, SINGAPORE, SPAIN, SWITZERLAND, TAIWAN PROVINCE OF
	CHINA, THAILAND, UNITED STATES OF AMERICA, VIETNAM.
Tungsten	AUSTRIA, BRAZIL, CHINA, GERMANY, INDIA, JAPAN, PHILIPPINES, REPUBLIC OF KOREA, RUSSIAN
Tungsten	FEDERATION, TAIWAN PROVINCE OF CHINA, UNITED STATES OF AMERICA, VIETNAM.

Given that not all of the SORs identified by the Company's suppliers are certified by an independent third-party, that the SOR information obtained from suppliers did not correspond specifically to products/components supplied to the Company (and may therefore include SORs and/or countries of origin that are not applicable to the Conflict Minerals used in our products), that a few surveyed suppliers either did not respond to our requests for information or did not provide SOR information, and because necessary Conflict Minerals in a particular Covered Product may be sourced from multiple SORs, although the Company reasonably believes that certain of its necessary Conflict Minerals in the Covered Products may be from Covered Countries (as described above), it could not determine the country of origin for necessary Conflict Minerals in its Covered Products. In addition, based on the foregoing, the Company was unable to determine whether the necessary Conflict Minerals in the Covered Products that may be from the Covered Countries were from recycled or scrap sources, or came from sources that directly or indirectly financed or benefitted armed groups in the Covered Countries, as such term is defined in Rule 13p-1. However, of all responding suppliers in the Company's due diligence process, none indicated (at any point during the RCOI or due diligence process) that it had sourced Conflict Minerals to the Company that directly or indirectly benefited or financed armed groups (as that term is defined in Rule 13p-1) in the Covered Countries.

Celestica intends to undertake the following steps during the next compliance period to improve the due diligence conducted to further determine whether necessary Conflict Minerals in its Covered Products are sourced from the Covered Countries, or are from recycled or scrap sources, and to mitigate the risk that its necessary Conflict Minerals sourced from Covered Countries finance or benefit armed groups, including:

- · Engage suppliers that responded in 2022 to refresh and update sourcing information as appropriate;
- · Review and update the list of products and associated suppliers designated as "in-scope";
- · Encourage suppliers to implement responsible sourcing; and
- · Participate in industry initiatives encouraging "conflict-free" supply chains.

## Cautionary Note Concerning Forward-Looking Statements

Certain statements in this report are "forward-looking" within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as "intends," "expects," "plans," "believes," "estimates," "anticipates," and similar expressions are used to identify these forward-looking statements. Examples of forward-looking statements include statements relating to our future plans, and any other statement that does not directly relate to any historical or current fact. Forward-looking statements are based on our current expectations and assumptions, which may not prove to be accurate. These statements are not guarantees and are subject to risks, uncertainties and changes in circumstances that are difficult to predict, including, but not limited to, regulatory changes and judicial developments related to the Conflict Minerals rule; changes in or developments related to our products or supply chain; and/or industry developments relating to supply chain diligence, disclosure and other practices. Actual outcomes and results may differ materially from these forward-looking statements. As a result, these statements speak only as of the date they are made and we undertake no obligation to update or revise any forward-looking statement, except as required by law.