
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM SD

SPECIALIZED DISCLOSURE REPORT

**SCHLUMBERGER N.V.
(SCHLUMBERGER LIMITED)**

(Exact name of registrant as specified in its charter)

Curaçao
(State or other jurisdiction of
incorporation or organization)

1-4601
(Commission
File Number)

52-0684746
(IRS Employer
Identification No.)

**42 rue Saint-Dominique
Paris, France**

75007

**5599 San Felipe, 17th Floor
Houston, Texas, U.S.A.**

77056

**62 Buckingham Gate
London, United Kingdom**

SW1E 6AJ

**Parkstraat 83
The Hague, The Netherlands**
(Addresses of principal executive offices)

2514 JG
(Zip Codes)

Dianne B. Ralston
Chief Legal Officer and Secretary
(713) 513-2000

(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, 2021 to December 31, 2021.

Section 1 — Conflict Minerals Disclosure

Items 1.01 and 1.02 Conflict Minerals Disclosure and Report; Exhibit

Conflict Minerals Disclosure

In accordance with Rule 13p-1 under the Securities Exchange Act of 1934, as amended, Schlumberger Limited (the “Company”) has filed this Specialized Disclosure Report and the Conflict Minerals Report attached hereto as Exhibit 1.01 for the year ended December 31, 2021. Both of these documents are publicly available on the Company’s website at:

<https://www.slb.com/who-we-are/guiding-principles/corporate-accountability/conflict-minerals>.*

Section 2 – Exhibits

Item 2.01 Exhibits

Exhibit 1.01 – [Conflict Minerals Report](#).

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* The reference to the Company’s website is provided for convenience only, and its contents are not incorporated by reference into this Form SD and the Conflict Minerals Report, nor deemed filed with the Securities and Exchange Commission.

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.

SCHLUMBERGER LIMITED

/s/ Abdellah Merad

Abdellah Merad

Executive Vice President, Core Services & Equipment

Date: May 31, 2022

**SCHLUMBERGER LIMITED
CONFLICT MINERALS REPORT
FOR THE YEAR ENDED DECEMBER 31, 2021**

This Conflict Minerals Report (the “Report”) of Schlumberger Limited 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 from January 1, 2021 to December 31, 2021.

All references in this Report to “Schlumberger,” “Company,” “we,” “us” or “our” are to Schlumberger Limited (Schlumberger N.V., incorporated in Curaçao) and its consolidated subsidiaries as of December 31, 2021.

The Rule requires disclosure of certain information when a company manufactures or contracts to manufacture products for which specified minerals 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 (“conflict minerals”).

Description of Products Covered by this Report

This Report relates to Schlumberger products: (a) that contain conflict minerals necessary to their functionality or production (“necessary conflict minerals”); (b) that we had reason to believe may have originated in the Democratic Republic of the Congo or an adjoining country (the “covered countries”) and may not have come from recycled or scrap sources; and (c) that we manufactured, or contracted to be manufactured, in 2021 (the “covered products”).

The covered products are as follows: permanent multiphase meters; subsea safety valves; oil, gas and core analysis laboratory equipment; perforating hardware and accessories; downhole drilling tools; solids and pressure control equipment for drilling fluids systems; data acquisition equipment for drilling operations; surface and downhole completions tools; artificial lift pumps; stimulation pumping and cementing equipment; groundwater monitoring products; drilling equipment packages; blowout preventers; drilling risers, top drives; draw works; complete wellhead and Christmas tree systems for onshore and offshore applications; subsea production systems and manifolds and aftermarket parts; valves; actuators; chokes and aftermarket parts; heaters; dehydration and desalting units; gas conditioning units; membrane separation systems; water processing systems; and electronic controls.

Due Diligence Design and Process

Our due diligence efforts were designed to conform in all material respects to the framework in the Organisation for Economic Co-operation and Development’s “OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas” and related Supplements on Gold and on Tin, Tantalum and Tungsten (collectively, the “OECD Guidance”).

The following is a description of the measures that we took to exercise due diligence on the source and chain of custody of necessary conflict minerals contained in our covered products.

Step 1: Company Management Systems

Conflict Minerals Policy

We have adopted a policy relating to conflict minerals in our products (the “Conflict Minerals Policy”), incorporating relevant standards contained in the OECD Guidance, which is available at <https://www.slb.com/who-we-are/guiding-principles/corporate-accountability/conflict-minerals>. The Conflict Minerals Policy iterates our commitment to responsibly source materials from suppliers that share our values. It reflects our expectation that our immediate (“Tier 1”) suppliers will perform due diligence similar to ours on the sources of conflict minerals in their supply chains, and our expectation that they will require their own suppliers to do the same. It further provides generally that when a robust and validated conflict-free supply chain is established or a robust mineral tracing program is developed, we will expect our direct suppliers to procure only minerals using that validated supply chain, so as to avoid the use of minerals that have financed conflict in the covered countries.

Internal Management Teams

Members of our business, planning and supply chain, legal, compliance, sustainability, human rights, and information technology functions comprised a core team that was involved in various phases of our compliance with the Rule. Members of this core team have put in place processes and controls reasonably designed to increase transparency in our conflict minerals supply chain. Members of the core team annually present to their respective Division Presidents or, in certain cases, Basin Presidents, a final, formal review of: (a) their findings as to the source and status of the necessary conflict minerals contained in the covered products for sale by their Division or Basin, as applicable; and (b) their Division or Basin due diligence efforts.

Control Systems

We have (a) adopted various processes related to our conflict minerals compliance efforts and determinations; (b) adopted standardized data templates for all Divisions to promote consistency across various information technology systems; (c) adopted a procedure in our engineering design and manufacturing systems that requires the recording of necessary conflict mineral contents of newly-developed parts included in our products; (d) adopted an electronic repository to retain relevant documentation concerning our conflict minerals compliance efforts and determinations; and (e) adopted written summaries, reviewed by the President of each relevant Division, summarizing how each such Division complied with the Rule and which of its products were subject to the Rule. In addition, certain employees from our planning and supply chain, legal, engineering, manufacturing, sustaining, sales, finance, and compliance functions are targeted for annual training.

As a downstream company, we are several tiers removed from conflict mineral smelters and refiners (“SORs”). We therefore must rely on information from industry sources to compare and assess due diligence responses, identify SORs in our supply chains and improve our ongoing due diligence efforts. We implemented a supply chain transparency system through the use of due diligence tools developed by the Responsible Minerals Initiative (“RMI”), including the RMI Conflict Minerals Reporting Template (the “Template”), which is designed to identify the SORs that process the conflict minerals in a company’s supply chain. We also support our suppliers’ use of validation, certification and audit programs on SORs upstream in our supply chain, such as:

- the Responsible Minerals Assurance Process (“RMAP”) developed by RMI;
- the ITRI Tin Supply Chain Initiative;
- the Tungsten Industry – Conflict Mineral Council Framework;
- the London Bullion Market Association (“LBMA”); and
- the Responsible Jewellery Council (“RJC”).

We maintain a company-level grievance mechanism, as described in our Code of Conduct, that enables employees and others to anonymously report concerns, including any concerns regarding our conflict minerals supply chain. We communicate this mechanism to our employees at various times.

Step 2: Identification and Assessment of Supply Chain Risks

In order to identify and assess the risks in our supply chain, we first identified products for sale that we manufactured or contracted to manufacture in 2021 that contained, or that may have contained, necessary conflict minerals. As stated above, we have adopted a procedure in our engineering design and manufacturing system that is reasonably designed to identify each necessary conflict mineral included in our products. In cases where we determined that a necessary conflict mineral was contained in one of our parts, we identified that specific mineral and flagged both the part and finished product containing that part in our system. If, after our initial research, we were unable to determine whether a necessary conflict mineral was included in a part, we considered that part to be in scope of the Rule, and such part was internally flagged for additional research. For each new part developed or manufactured in 2021, the engineers and métiers in charge of providing materials for such part were required to indicate any necessary conflict minerals included in the part. Where we determined that a newly-developed part contained a necessary conflict mineral and that the finished product was in scope of the Rule, we included that part in our further information gathering efforts. We then identified our Tier 1 suppliers that supplied us with the parts and products considered to be within the scope of the Rule.

Because we are several tiers removed from mining operations and SORs, we must rely on our suppliers to provide information regarding the source and presence of necessary conflict minerals in our covered products. To that end, we engaged a third-party data collection and aggregation provider to assist us in conducting due diligence on our supply chain. Information was collected using the Template, which requested our Tier 1 suppliers to identify the SORs and countries of origin of the necessary conflict minerals they supplied to us and contained in our covered products and to determine whether any such necessary conflict minerals came from recycled or scrap sources. These requests were sent in multiple languages for the 2021 reporting year, in order to facilitate improved supplier response rates. In conducting due diligence, we prioritized obtaining responses from our critical suppliers, as determined based on their strategic and commercial importance to us and as discussed under “Supplier Categories” in “Step 5: Report on Supply Chain Due Diligence” below. We communicated this priority to our third-party data collection and aggregation provider in an effort to increase the response rate of these critical suppliers.

Our supplier engagement began with introductory emails to relevant Tier 1 suppliers, notifying them that we would be conducting appropriate due diligence regarding the presence, source, and chain of custody for any necessary conflict minerals that may be contained in parts or products that we purchased from them. The emails also described our conflict minerals compliance program and the Rule. In an effort to increase awareness of our conflict minerals program, we provided suppliers with background materials describing the conflict minerals rule, including frequently asked questions regarding, among other things, conflict minerals tracing. We requested product-level information from our Tier 1 suppliers on the parts and products we purchased from them. Suppliers were allowed to submit multiple responses as necessary to address all such parts and products.

We pursued subsequent engagement with non-responsive suppliers, including sending multiple email reminders requesting survey completion. Suppliers who remained non-responsive after these email reminders were contacted by phone and offered assistance, including further information about the Rule, our conflict minerals program, and clarification regarding how they could provide the required information. If, following the above efforts, a supplier still did not provide the information requested, we further escalated the matter internally on a supplier-risk-priority basis and followed up directly with certain of these suppliers.

We reviewed and evaluated all supplier responses for consistency and completeness, both in terms of which products were said to contain or not contain necessary conflict minerals, as well as the origin of those materials. When necessary, we followed up with suppliers on responses to their reporting templates to seek clarifying or corrective information. Specifically, if a supplier indicated that a product sold to Schlumberger did not contain conflict minerals, but we believed otherwise based on our own analysis, we requested (a) evidence that the product does not contain conflict minerals or (b) an updated Template response indicating the results of such supplier's due diligence on the source of any conflict minerals contained in such product.

In instances where a supplier identified a SOR and the source of its conflict minerals, we sought to verify this information with third-party databases, Internet searches and reviews of government databases and industry and trade organization lists, including the list of known conflict minerals processing facilities worldwide published by the U.S. Department of Commerce. We also compared the SORs identified by suppliers in their responses to us against the list of compliant SORs published in the RMAP, the LBMA and the RJC. In some cases, a supplier identified a SOR and stated that its conflict minerals were not sourced from any of the covered countries. However, we were sometimes able to confirm, based on available information concerning the SOR identified, that the SOR was reported to source conflict minerals from one or more of the covered countries. In such cases, we communicated our findings to the supplier for further investigation. As a general matter, we requested that suppliers update their responses to us as more information became available to them.

Based on our review, we flagged certain responses when:

- SOR information was provided for a conflict mineral that was not used in the relevant part or product;
- SOR information was not provided for a conflict mineral that was used in a relevant part or product;
- SOR information provided could not be verified using the methods described above;
- a supplier indicated that it sourced conflict minerals from the covered countries, but none of the SORs listed were known to source from the region;
- a supplier indicated that it had not received conflict minerals data from all relevant suppliers;
- a supplier indicated that it had not identified all SORs from which it sourced conflict minerals for the relevant parts and products;
- a supplier indicated that it had not provided all applicable SOR information it received from its suppliers; or
- a supplier indicated that all of the conflict minerals for the relevant parts and products originated from scrap/recycled sources, but one or more of the SORs listed were not known to be exclusive recyclers.

We followed up on all flagged responses to clarify and address inconsistencies, incompleteness, invalid responses, uncertainties, and responses indicating that relevant conflict minerals were or may have been sourced from one or more of the covered countries.

In addition, in 2021, we conducted a series of online trainings for our Tier 1 suppliers in multiple time zones, in order to train our suppliers on completing their Template responses and to facilitate improved supplier response rates.

Step 3: Strategy to Respond to Identified Risks

For any SORs that were known to source necessary conflict minerals from any of the covered countries, we confirmed that such SORs were listed in the various lists of compliant SORs described above. For any SORs known to source conflict minerals from covered countries, as well as SORs located in any covered country with unknown sources of conflict minerals, we will send, in 2022, a communication to our Tier 1 suppliers who sourced from such SORs, recommending that they request that such SORs become certified as compliant, pursue an alternative source of conflict minerals, and participate in the RMI to support industry efforts to achieve supply chain transparency.

As described in our Conflict Minerals Policy, in the event that we have reason to believe a supplier is supplying us with conflict minerals from sources that may support conflict in any of the covered countries, we will encourage that supplier to establish an alternative source of conflict minerals that does not support such conflict, or we may consider reevaluating the supplier relationship. If a Tier 1 supplier (i) has been unresponsive or otherwise uncooperative in our due diligence efforts or (ii) is not compliant with our Conflict Minerals Policy and is unwilling to expect its own suppliers to use conflict-free sources, then we may likewise reassess the supplier relationship. As described above, we support the use of validation, certification, and audit programs for SORs in our supply chain.

Our supplier engagement efforts described above in “Step 2: Identification and Assessment of Supply Chain Risks” also support our risk mitigation efforts.

Step 4: Independent Third-Party Audit of SORs’ Due Diligence Practices

As stated above, we are several tiers removed from mining operations and SORs. Furthermore, we do not have direct relationships with SORs, and while we conduct routine audits of our critical suppliers in accordance with internal requirements, we do not perform direct audits of all the upstream entities within our supply chain. Accordingly, we rely on our suppliers to provide the information necessary to assess compliance with our conflict minerals program and support the development and implementation of independent third-party audits of SORs’ sourcing, such as the RMAP.

We use a third party to aid in verifying the information supplied by our suppliers with respect to the SORs that they source from, and to review and confirm the validity of the RMAP, RJC, and LBMA certifications of those SORs. In some cases, our third party reaches out directly to SORs as necessary to confirm the information either publicly available or made available in reporting template responses that may be contradictory or incomplete.

Step 5: Report on Supply Chain Due Diligence

As indicated in the Specialized Disclosure Report on Form SD, this Report and our Conflicts Minerals Policy are publicly available on our website at <https://www.slb.com/who-we-are/guiding-principles/corporate-accountability/conflict-minerals>.

Supplier Categories

We categorize our suppliers by commercial importance:

- Supplier Management (SM) Level 1 suppliers are the most commercially important suppliers to Schlumberger, with a corresponding full management model.
- SM Level 2 suppliers are necessary to support Schlumberger’s operations, and their performance is monitored with an essential management model.
- SM Level 3 suppliers are tail-end suppliers with a basic management model.

We further classify certain SM Level 1 and SM Level 2 suppliers as “critical” if they provide materials, components, or services that may significantly influence one or more aspects of Schlumberger products and service performance. This includes elements such as safety, technology, and competitiveness, as well as compliance with operations integrity, health, safety and environmental standards, and ethics standards.

For 2021, we sent the Template to 3,224 suppliers and received completed responses from approximately 59% of these suppliers. As part of our risk identification and mitigation efforts, we focused on obtaining responses from our priority suppliers, including SM Level 1 suppliers, SM Level 2 suppliers, and critical suppliers within those two categories.

Results of Supply Chain Due Diligence

The following table lists the response rate and certain other information for our suppliers who received the Template in 2021.

Supplier Category	Response Rate	Number of Suppliers
SM Level 1	88%	126
SM Level 2	73%	762
SM Level 3	54%	2,336

Many of the respondents indicated that they had not finished the due diligence on their supply chains and were still completing the Template. As indicated above, we requested information from our suppliers at the product level; 63% of the completed Templates provided information at the product level for 2021, as compared to 67% for 2020.

For the responses we received at the company level, rather than product level, we do not know whether the SORs listed actually supplied conflict minerals that we used in our covered products. Therefore, such SORs are not included in the tables below of the SORs that we know to have processed the necessary conflict minerals contained in our covered products.

For responses we received at the product level, 333 SORs, organized by type of metal, are listed in the tables below. Based on our due diligence, we identified 52 verified SORs that smelt or source conflict minerals from one or more of the covered countries, of which 46 are certified by a recognized certification body. Three additional SORs are not currently certified by a recognized certification body, but are in the process of becoming certified by RMAP. Of the three remaining SORs that are not currently certified by a recognized certification body, one is located in a covered country with an unknown gold source, one is known to source tin from a covered country, and one is known to source gold from a covered country. As stated above, for each of these SORs not currently certified by a recognized certification body, we will send, in 2022, a communication to our Tier 1 suppliers who sourced from such SORs, recommending that they request that such SORs become certified as compliant, pursue an alternative source of conflict minerals, and participate in the RMI to support industry efforts to achieve supply chain transparency.

Future Process Improvements

Supplier engagement — As stated above, we received responses from 59% of our Tier 1 suppliers for 2021. An additional 1% of our Tier 1 suppliers provided some information in response to our reasonable country of origin inquiry, but did not complete their responses. We will continue to engage with our Tier 1 suppliers to attempt to increase supply chain transparency, including by following up with unresponsive suppliers and by sending the communications described in “Step 3: Strategy to Respond to Identified Risks” above.

In addition, we will work with our Tier 1 suppliers to obtain even more product-level responses. As stated above, 63% of our supplier responses for 2021 were at the product level, as compared to 67% for 2020.

Employee training — Approximately 96% of our employees targeted for training on the Rule completed their annual training in 2021. These employees are members of the planning and supply chain, legal, engineering, manufacturing, sustaining, sales and marketing, finance and compliance functions. We will also develop additional training materials to enhance understanding of various procedures for targeted employees who are integral to our reporting requirements under the Rule.

Automation of additional business lines — As described above, we have adopted standardized data templates for all Divisions to ensure consistency across various information technology systems and adopted a procedure in our engineering design and manufacturing systems that requires the recording of necessary conflict mineral contents of newly-developed parts included in our products. These templates and systems continue to be refined and automated in our current business lines and implemented in any new business lines which are the result of acquisition throughout the calendar year. We expect to continue to improve our automatization of these processes and the number of business lines which they cover.

SORs and Countries of Origin

The table below, which is as of April 22, 2022, lists the SORs known to us to have supplied necessary conflict minerals contained in our covered products and that sourced conflict minerals from one or more of the covered countries:

Metal	Smelter/Refiner	Certification Status	Mine Country of Origin
Tungsten	A.L.M.T. TUNGSTEN Corp.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	African Gold Refinery		No known country of origin (smelter located in Uganda)
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	LBMA, RMAP	Argentina, Australia, Brazil, Canada, Chile, China, DRC—Congo (Kinshasa), Germany, Japan, Mexico, Peru, Switzerland, United States, Uzbekistan, Zambia
Tantalum	AMG Brasil	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	Asaka Riken Co., Ltd.	RMAP	Armenia, Burundi, Japan, Mexico, Mozambique, Niger, Nigeria, Recycle/Scrap, Rwanda
Tungsten	Asia Tungsten Products Vietnam Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Gold	CCR Refinery—Glencore Canada Corporation	LBMA, RMAP	Argentina, Australia, Canada, Chile, China, DRC—Congo (Kinshasa), DRC—Congo (Kinshasa), Germany, Indonesia, Japan, Peru, Switzerland, United States, Zambia
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	RMAP	Australia, Brazil, Canada, China, DRC—Congo (Kinshasa), Mozambique, Russian Federation, Thailand
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Philippines, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe

Tin	CV Venus Inti Perkasa	RMAP—Active	Canada, Chile, Congo (Brazzaville), Germany, Guyana, Indonesia, Japan, Mexico, Peru, Suriname, Switzerland
Tin	EM Vinto	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tantalum	F&X Electro-Materials Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Recycle/Scrap, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Bolivia, Brazil, Cambodia, Canada, Chile, China, China, Colombia, Czech Republic, Djibouti, Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tantalum	Global Advanced Metals Aizu	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe

Tantalum	Global Advanced Metals Boyertown	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Kenya, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Africa, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Philippines, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tantalum	H.C. Starck Hermsdorf GmbH	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tantalum	H.C. Starck Inc.	RMAP	Australia, Bolivia, Brazil, Burundi, Canada, China, Congo (Brazzaville), Ethiopia, Germany, India, Japan, Mozambique, Namibia, Nigeria, Rwanda, Sierra Leone, United States, Zimbabwe
Tungsten	H.C. Starck Tungsten GmbH	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, United States, Viet Nam, Zimbabwe

Tungsten	Hydrometallurg, JSC	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	Jiangxi Copper Co., Ltd.	LBMA, RMAP	Chile, China, Japan, Rwanda, United States
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	RMAP	Australia, Bolivia, Brazil, Canada, China, DRC—Congo (Kinshasa), Indonesia, Malaysia, Peru, Russian Federation
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Italy, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	Jiujiang Tanbre Co., Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Kenya, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Philippines, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Africa, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tantalum	KEMET Blue Metals	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Ghana, Guinea, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mali, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Africa, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe

Tin	Luna Smelter, Ltd.	RMAP	No known country of origin
Tin	Magnu's Minerais Metais e Ligas Ltda.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tin	Malaysia Smelting Corporation (MSC)	RMAP	Angola, Argentina, Australia, Austria, Belgium, Burundi, Cambodia, Central African Republic, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Kazakhstan, Kenya, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Russian Federation, Sierra Leone, Singapore, Slovakia, South Africa, South Sudan, Suriname, Taiwan, Tanzania, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tin	Metallo Belgium N.V.	RMAP	Argentina, Australia, Austria, Belgium, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	Mitsubishi Materials Corporation	LBMA, RMAP	Austria, Canada, Chile, Congo (Brazzaville), Hong Kong, Japan, Mongolia, Mozambique, Papua New Guinea, United Kingdom
Gold	Nihon Material Co., Ltd.	LBMA, RMAP	Australia, Bolivia, Brazil, Canada, Chile, China, DRC—Congo (Kinshasa), Indonesia, Japan, Malaysia, Mozambique, Niger, Nigeria, Peru, Portugal, Rwanda, Spain, Switzerland, Thailand
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe

Tin	Operaciones Metalurgicas S.A.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Philippines, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	Prioksky Plant of Non-Ferrous Metals		Australia, Bolivia, Brazil, Canada, China, Ethiopia, Germany, India, Japan, Mozambique, Namibia, Russian Federation, Russian Federation, Rwanda, Sierra Leone, Zimbabwe
Tin	PT Bukit Timah	RMAP—Active	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Poland, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tin	PT Stanindo Inti Perkasa	RMAP	Argentina, Armenia, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tin	PT Timah Nusantara	RMAP—Active	Bolivia, Brazil, Burundi, China, Congo (Brazzaville), DRC—Congo (Kinshasa), Indonesia, Malaysia, Niger, Nigeria, Rwanda
Tin	PT Tinindo Inter Nusa	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Gold	Rand Refinery (Pty) Ltd.	LBMA, RMAP	Australia, Austria, Canada, China, DRC—Congo (Kinshasa), Germany, Ghana, Guinea, Hong Kong, Jersey, Malaysia, Mali, Mozambique, Namibia, Papua New Guinea, Philippines, South Africa, South Africa, Switzerland, Tanzania
Gold	Samduck Precious Metals	RMAP	Australia, Bolivia, Brazil, Canada, China, Ethiopia, Germany, India, Japan, Korea, Republic of, Mozambique, Namibia, Rwanda, Sierra Leone, Thailand, United States, Zimbabwe
Tantalum	Taki Chemical Co., Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe

Tantalum	TANIOBIS Co., Ltd.	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Kenya, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Africa, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	TANIOBIS GmbH	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	TANIOBIS Japan Co., Ltd.	RMAP	Australia, Bolivia, Brazil, Canada, China, Ethiopia, Germany, India, Japan, Mozambique, Namibia, Rwanda, Sierra Leone, Zimbabwe
Tantalum	TANIOBIS Smelting GmbH & Co. KG	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe
Tin	Thaisarco	RMAP	Angola, Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Morocco, Myanmar, Namibia, Netherlands, Nigeria, Peru, Poland, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe
Tantalum	Ulba Metallurgical Plant JSC	RMAP	Angola, Argentina, Australia, Austria, Belarus, Belgium, Bolivia, Brazil, Burundi, Cambodia, Canada, Central African Republic, Chile, China, Colombia, Congo (Brazzaville), Czech Republic, Djibouti, DRC—Congo (Kinshasa), DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Namibia, Netherlands, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, South Sudan, Spain, Suriname, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Kingdom, United States, Viet Nam, Zambia, Zimbabwe

Tin	VQB Mineral and Trading Group JSC		China, DRC—Congo (Kinshasa), Indonesia, Japan, Malaysia, Peru, Viet Nam
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	RMAP	Australia, Bolivia, Brazil, Burundi, Canada, China, Malaysia, Mexico, Niger, Nigeria, Russian Federation, Rwanda, Spain, Thailand
Tungsten	Xiamen Tungsten Co., Ltd.	RMAP	Argentina, Australia, Austria, Belgium, Bolivia, Brazil, Cambodia, Canada, Chile, China, China, Colombia, Czech Republic, Djibouti, DRC—Congo (Kinshasa), Ecuador, Egypt, Estonia, Ethiopia, France, Germany, Guyana, Hungary, India, Indonesia, Ireland, Israel, Ivory Coast, Japan, Kazakhstan, Korea, Republic of, Laos, Luxembourg, Madagascar, Malaysia, Mexico, Mongolia, Myanmar, Namibia, Netherlands, Niger, Nigeria, Peru, Portugal, Russian Federation, Rwanda, Sierra Leone, Singapore, Slovakia, Spain, Suriname, Switzerland, Taiwan, Thailand, United Kingdom, United States, Viet Nam, Zimbabwe

The table below, which is as of April 22, 2022, lists the SORs known to us to have supplied necessary conflict minerals contained in our covered products but did not source conflict minerals from any of the covered countries:

Metal	Smelter/Refiner	Certification Status	Mine Country of Origin
Gold	Advanced Chemical Company	RMAP	United States, Peru, Indonesia
Gold	Aida Chemical Industries Co., Ltd.	RMAP	Spain, Recycle/Scrap, Portugal, Peru, Japan, Canada, Bolivia
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	LBMA, RJC, RMAP	Thailand, Sierra Leone, Recycle/Scrap, Philippines, Nigeria, Laos, Japan, Germany, China, Brazil
Tin	Alpha	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Sweden, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Recycle/Scrap, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Jersey, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	An Vinh Joint Stock Mineral Processing Company		Viet Nam, Turkey, Brazil
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	LBMA, RMAP	South Africa, Brazil, Australia
Gold	Argor-Heraeus S.A.	LBMA, RMAP	Switzerland, South Africa, Singapore, Philippines, Indonesia, Hong Kong, China, Chile, Argentina
Gold	Asahi Pretec Corp.	LBMA, RMAP	Zimbabwe, Viet Nam, Uzbekistan, United States, United Kingdom, Thailand, Taiwan, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Recycle/Scrap, Portugal, Peru, Papua New Guinea, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Mexico, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Hong Kong, Guyana, Guinea, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Asahi Refining Canada Ltd.	LBMA, RMAP	Japan, Canada, Australia
Gold	Asahi Refining USA Inc.	LBMA, RMAP	Uzbekistan, United States, Peru, Malaysia, Indonesia, Hong Kong, China, Chile, Canada, Bermuda, Australia
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.		Turkey, Indonesia, Brazil, Australia
Gold	Aurubis AG	LBMA, RMAP	United States, Recycle/Scrap, Japan, Indonesia, Hong Kong, Germany, China, Canada, Brazil
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	LBMA, RMAP	Philippines, Italy, Indonesia, China, Canada, Brazil
Gold	Boliden AB	LBMA, RMAP	Sweden, Ireland, Indonesia, Finland, China, Canada
Gold	C. Hafner GmbH + Co. KG	LBMA, RJC, RMAP	Peru, Japan, Germany, China, Chile, Brazil, Australia
Gold	Caridad		Mexico, Korea, Republic of, Japan, China, Chile, Bolivia
Gold	Cendres + Metaux S.A.	RMAP	Switzerland, Recycle/Scrap, Germany, Australia

Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	RMAP	China
Gold	Chimet S.p.A.	LBMA, RMAP	Turkey, Recycle/Scrap, Mexico, Italy, Australia
Tin	China Tin Group Co., Ltd.	RMAP	United States, Switzerland, Russian Federation, Mexico, Indonesia, China
Gold	Chugai Mining	RMAP	United States, Peru, Japan, Indonesia, Chile, Canada, Australia
Tantalum	D Block Metals, LLC	RMAP	United States
Gold	Daye Non-Ferrous Metals Mining Ltd.	LBMA	Uzbekistan, United States, United Kingdom, Switzerland, South Africa, Singapore, Mexico, Malaysia, Japan, Hong Kong, China, Chile, Canada, Belgium, Australia
Gold	DODUCO Contacts and Refining GmbH	RMAP	United States, Recycle/Scrap, Peru, Japan, Hong Kong, Germany, China, Chile, Canada, Australia
Gold	Dowa	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Philippines, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Mexico, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Hong Kong, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	DSC (Do Sung Corporation)	RMAP	South Africa, Recycle/Scrap, Korea, Republic of, Brazil, Australia
Gold	Eco-System Recycling Co., Ltd. East Plant	RMAP	Recycle/Scrap, Mozambique, Japan, Indonesia, Canada, Bolivia, Australia
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company		Viet Nam, United States, China, Chile, Canada, Brazil
Gold	Emirates Gold DMCC	RMAP	United Arab Emirates
Tin	Estanho de Rondonia S.A.	RMAP	Taiwan, Brazil
Tantalum	Exotech Inc.	RMAP—Active	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mozambique, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	Fenix Metals	RMAP	Recycle/Scrap, Poland, Peru, Kazakhstan, Indonesia, China, Brazil, Bolivia, Australia
Gold	Fidelity Printers and Refiners Ltd.		Zimbabwe

Tantalum	FIR Metals & Resource Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Geib Refining Corporation	RMAP	United States, China
Tin	Gejiu Kai Meng Industry and Trade LLC		China
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	RMAP	China
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	RMAP	Indonesia, China, Brazil
Tungsten	Global Tungsten & Powders Corp.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	LBMA, RMAP	Tajikistan, Russian Federation, Poland, Peru, Papua New Guinea, Mozambique, Mongolia, Malaysia, Kyrgyzstan, Japan, Indonesia, China, Canada, Brazil, Bolivia, Australia
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	LBMA	Russian Federation, China
Gold	Guangdong Jinding Gold Limited		Taiwan, Peru, China, Brazil, Australia
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.		China
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.		Korea, Republic of, China
Gold	Heimerle + Meule GmbH	LBMA, RMAP	South Africa, Recycle/Scrap, Philippines, Mozambique, Mongolia, Mexico, Malaysia, Jersey, Hong Kong, Germany, China, Canada, Austria, Australia
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Heraeus Metals Hong Kong Ltd.	LBMA, RJC, RMAP	Viet Nam, Thailand, Taiwan, Switzerland, South Africa, Singapore, Philippines, Peru, Mozambique, Malaysia, Laos, Japan, Hong Kong, Germany, France, China, Canada, Australia
Gold	Heraeus Precious Metals GmbH & Co. KG	RMAP	United States, United Arab Emirates, Turkey, Switzerland, Saudi Arabia, Peru, Malaysia, Jersey, Hong Kong, Germany, China, Chile, Bolivia, Australia
Gold	Hunan Chenzhou Mining Co., Ltd.		Switzerland, Mozambique, China, Canada, Australia
Tungsten	Hunan Chenzhou Mining Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mozambique, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	HwaSeong CJ CO., LTD.		United States, Mexico, Korea, Republic of, Japan, Hong Kong, China, Canada, Australia
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	LBMA, RMAP	Mongolia, Mexico, China
Gold	Ishifuku Metal Industry Co., Ltd.	LBMA, RMAP	United States, Japan, China, Canada, Australia
Gold	Istanbul Gold Refinery	LBMA, RMAP	Turkey
Gold	Japan Mint	LBMA, RMAP	Mexico, Japan, Italy, Australia

Tungsten	Japan New Metals Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	RMAP	China
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.		China
Tin	Jiangxi New Nanshan Technology Ltd.	RMAP	Russian Federation, Portugal, China, Bolivia
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	RMAP	Korea, Republic of, China
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	RMAP	United States, Singapore, Peru, Papua New Guinea, Mexico, Japan, Guinea, China, Chile, Canada, Brazil, Australia, Argentina
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant		Russian Federation, Japan, Canada, Australia
Gold	JSC Uralelectromed		Taiwan, Switzerland, Russian Federation, Brazil, Australia
Gold	JX Nippon Mining & Metals Co., Ltd.	LBMA, RMAP	United Kingdom, Taiwan, Saudi Arabia, Indonesia, Chile
Gold	Kaloti Precious Metals		United Arab Emirates
Gold	Kazakhmys Smelting LLC		Kyrgyzstan, Kazakhstan
Gold	Kazzinc	LBMA, RMAP	Taiwan, Switzerland, Peru, Kazakhstan, Japan, China, Australia
Tungsten	Kennametal Fallon	RMAP	Viet Nam, United States, Russian Federation, Recycle/Scrap, Portugal, China, Bolivia
Tungsten	Kennametal Huntsville	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, South Africa, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Kennecott Utah Copper LLC	LBMA, RMAP	United States, China
Gold	KGHM Polska Miedz Spolka Akcyjna	RMAP	Chile

Gold	Kojima Chemicals Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Kyrgyzaltyn JSC		Kyrgyzstan, Brazil, Australia
Gold	L'azurde Company For Jewelry		Taiwan, Saudi Arabia, Japan, Canada, Australia
Gold	Lingbao Gold Co., Ltd.		China
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.		China
Gold	LS-NIKKO Copper Inc.	LBMA, RMAP	United States, South Africa, Singapore, Peru, Mexico, Korea, Republic of, Kazakhstan, Japan, Indonesia, India, Hong Kong, China, Chile, Brazil, Australia
Gold	Luoyang Zijin Yinhuai Gold Refinery Co., Ltd.		China
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tungsten	Masan Tungsten Chemical LLC (MTC)	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Materion	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Matsuda Sangyo Co., Ltd.	LBMA, RMAP	United States, United Kingdom, Japan, Indonesia, Hong Kong, China, Canada, Australia
Tin	Melt Metais e Ligas S.A.	RMAP—Active	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Tin	Metallic Resources, Inc.	RMAP	United States
Tin	Metallo Spain S.L.U.	RMAP	Spain
Tantalum	Metallurgical Products India Pvt., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, South Africa, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mozambique, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kenya, Kazakhstan, Jersey, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Metalor Technologies (Hong Kong) Ltd.	LBMA, RJC, RMAP	United States, Switzerland, Peru, Japan, Hong Kong, China, Australia
Gold	Metalor Technologies (Singapore) Pte., Ltd.	LBMA, RJC, RMAP	Switzerland, Singapore, China
Gold	Metalor Technologies (Suzhou) Ltd.	RJC, RMAP	South Africa, China
Gold	Metalor Technologies S.A.	LBMA, RJC, RMAP	United States, United Kingdom, Switzerland, Sweden, Ivory Coast, Indonesia, Hong Kong, China, Canada, Belgium
Gold	Metalor USA Refining Corporation	LBMA, RJC, RMAP	United States, Switzerland, Mexico, China, Canada
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	LBMA, RMAP	Mexico, China
Tantalum	Mineracao Taboca S.A.	RMAP	Brazil
Tin	Mineracao Taboca S.A.	RMAP	Thailand, Brazil
Tin	Minsur	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	Mitsubishi Materials Corporation	RMAP	Canada, Papua New Guinea, Japan, Indonesia
Gold	Mitsui Mining and Smelting Co., Ltd.	LBMA, RMAP	Japan, China, Canada, Australia
Tantalum	Mitsui Mining and Smelting Co., Ltd.	RMAP	United Kingdom, Malaysia, Japan, Chile, Brazil, Australia
Gold	MMTC-PAMP India Pvt., Ltd.	LBMA, RMAP	United States, India
Gold	Morris and Watson		United States, Recycle/Scrap, New Zealand
Gold	Moscow Special Alloys Processing Plant		Russian Federation, China, Bolivia
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	LBMA, RMAP	United Arab Emirates, Turkey, Saudi Arabia
Gold	Navoi Mining and Metallurgical Combinat	RMAP	Uzbekistan, United States, Indonesia, China
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company		Viet Nam, Estonia

Tungsten	Niagara Refining LLC	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Mexico, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	Novosibirsk Processing Plant Ltd.	RMAP	United States, Russian Federation, Philippines, Peru, Kazakhstan
Tantalum	NPM Silmet AS	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	RMAP	Thailand, Philippines, Netherlands, China
Tin	O.M. Manufacturing Philippines, Inc.	RMAP	Philippines, Peru, Malaysia, Japan, China, Canada, Brazil, Bolivia
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	RJC, RMAP	Indonesia, Austria
Gold	Ohura Precious Metal Industry Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, South Africa, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)		Russian Federation
Gold	OJSC Novosibirsk Refinery		Switzerland, Russian Federation, Philippines, Peru, Malaysia, Italy, China, Canada, Brazil, Bolivia
Gold	PAMP S.A.	LBMA, RMAP	United States, United Kingdom, Switzerland, South Africa, Mexico, Japan, Indonesia, Hong Kong, China, Canada, Australia
Gold	Penglai Penggang Gold Industry Co., Ltd.		China
Gold	PT Aneka Tambang (Persero) Tbk	LBMA, RMAP	Switzerland, Peru, Malaysia, Indonesia, Germany, Ethiopia, Chile, Canada, Brazil, Bolivia, Australia
Tin	PT Aries Kencana Sejahtera		Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Tin	PT Artha Cipta Langgeng	RMAP	Zimbabwe, Viet Nam, Uzbekistan, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Mexico, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT ATD Makmur Mandiri Jaya	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Babel Inti Perkasa	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Philippines, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Babel Surya Alam Lestari	RMAP	China
Tin	PT Belitung Industri Sejahtera		Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Cipta Persada Mulia	RMAP	United States, South Africa, Singapore, Peru, Korea, Republic of, Kazakhstan, Japan, Indonesia, India, China, Chile, Brazil, Australia
Tin	PT Mitra Stania Prima	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Mexico, Malaysia, Madagascar, Luxembourg, Laos, Kyrgyzstan, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Tin	PT Panca Mega Persada		Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Prima Timah Utama	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Refined Bangka Tin	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Philippines, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Sariwiguna Binasentosa	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Sukses Inti Makmur	RMAP—Active	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Timah Tbk Kundur	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Tin	PT Timah Tbk Mentok	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tin	PT Tirus Putra Mandiri		Indonesia, China
Tin	PT Tommy Utama		Indonesia
Gold	PX Precinox S.A.	LBMA, RMAP	Switzerland, Mozambique, Canada, Australia
Tantalum	QuantumClean	RMAP	United States, Poland, Brazil
Gold	Refinery of Seemine Gold Co., Ltd.		China
Gold	Royal Canadian Mint	LBMA, RMAP	United States, Switzerland, Suriname, Peru, Mexico, Japan, Guyana, Germany, Chile, Canada
Tin	Rui Da Hung	RMAP	Taiwan, Japan, China, Brazil
Gold	Sabin Metal Corp.		United States, Russian Federation, Portugal, Mexico, China, Canada, Brazil
Gold	Safimet S.p.A	RMAP	Italy
Gold	SAFINA A.S.	RMAP	Czech Republic
Gold	SAMWON METALS Corp.		Sweden, Korea, Republic of, Hong Kong, China, Canada, Australia
Gold	SAXONIA Edelmetalle GmbH	RMAP—Active	Germany
Gold	SEMPSA Joyeria Plateria S.A.	LBMA, RMAP	Spain
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.		Russian Federation
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	LBMA, RMAP	United States, Japan, China
Gold	Singway Technology Co., Ltd.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals		Taiwan, Russian Federation, Germany
Tin	Soft Metais Ltda.	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina

Gold	Solar Applied Materials Technology Corp.	LBMA, RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Hong Kong, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Tantalum	Solikamsk Magnesium Works OAO	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Slovakia, Singapore, Sierra Leone, Russian Federation, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	Sumitomo Metal Mining Co., Ltd.	LBMA, RMAP	United States, Philippines, Japan, Indonesia, Chile, Australia
Gold	Super Dragon Technology Co., Ltd.		Taiwan, Recycle/Scrap, China
Gold	T.C.A S.p.A	LBMA, RMAP	Italy
Gold	Tanaka Kikinzoku Kogyo K.K.	LBMA, RMAP	Uzbekistan, United States, United Kingdom, Switzerland, South Africa, Singapore, Mexico, Malaysia, Japan, Indonesia, Hong Kong, China, Chile, Canada, Bolivia, Belgium, Australia
Tantalum	Telex Metals	RMAP	Zimbabwe, Viet Nam, United States, United Kingdom, Thailand, Taiwan, Switzerland, Suriname, Spain, Slovakia, Singapore, Sierra Leone, Russian Federation, Recycle/Scrap, Portugal, Peru, Nigeria, Netherlands, Namibia, Myanmar, Mongolia, Malaysia, Madagascar, Luxembourg, Laos, Korea, Republic of, Kazakhstan, Japan, Ivory Coast, Israel, Ireland, Indonesia, India, Hungary, Guyana, Germany, France, Ethiopia, Estonia, Egypt, Ecuador, Djibouti, Czech Republic, Colombia, China, Chile, Canada, Cambodia, Brazil, Bolivia, Belgium, Austria, Australia, Argentina
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	LBMA, RMAP	Peru, China
Gold	Tokuriki Honten Co., Ltd.	LBMA, RMAP	United States, Peru, Japan, Hong Kong, China, Chile, Canada, Australia
Gold	Tongling Nonferrous Metals Group Co., Ltd.		China
Gold	Torecom	RMAP	Russian Federation, Mexico, Korea, Republic of, Indonesia, China, Chile, Brazil, Bolivia
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company		Viet Nam, Indonesia
Gold	Umicore Precious Metals Thailand	RJC, RMAP	United States, Thailand, Peru, China
Gold	Umicore S.A. Business Unit Precious Metals Refining	LBMA, RMAP	Japan, China, Canada, Bolivia
Gold	United Precious Metal Refining, Inc.	RMAP	United States, Thailand, Switzerland, Russian Federation, Peru, Japan, Indonesia, China, Canada, Bolivia, Belgium, Australia
Gold	Valcambi S.A.	LBMA, RJC, RMAP	Taiwan, Switzerland, Japan, Hong Kong, Germany, China, Australia
Gold	Western Australian Mint (T/a The Perth Mint)	LBMA, RMAP	Peru, Papua New Guinea, Korea, Republic of, Hong Kong, Guinea, China, Chile, Bolivia, Australia
Tin	White Solder Metalurgia e Mineracao Ltda.	RMAP	Thailand, Peru, Germany, China, Brazil

Gold

WIELAND Edelmetalle
GmbH

RMAP

Germany

Tungsten	Wolfram Bergbau und Hutten AG	RMAP	China, Austria, Australia
Tantalum	XinXing Haorong Electronic Material Co., Ltd.	RMAP	China
Gold	Yamakin Co., Ltd.	RMAP	United States, Mozambique, Japan, China, Canada, Brazil, Australia
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	RMAP	Russian Federation, Peru, China
Gold	Yokohama Metal Co., Ltd.	RMAP	Spain, Malaysia, Japan, China, Brazil
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	RMAP	Singapore, Recycle/Scrap, China
Gold	Yunnan Copper Industry Co., Ltd.		China, Chile, Canada
Tin	Yunnan Tin Company Limited	RMAP	United States, Peru, Myanmar, Malaysia, Indonesia, Hong Kong, Germany, Ethiopia, China, Canada, Brazil, Bolivia, Belgium, Australia
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	LBMA, RMAP	Thailand, Switzerland, Philippines, Mozambique, Mongolia, Laos, Germany, Ethiopia, China, Canada, Australia

The table below, which is as of April 22, 2022, lists the SORs known to us to have supplied necessary conflict minerals contained in our covered products and that were either certified as compliant by one or more independent third-party audit certification programs or that used only recycled or scrap minerals, but as to which we were unable to determine the countries of origin from which they sourced such conflict minerals:

Metal	Smelter/Refiner	Certification Status
Gold	8853 S.p.A.	RMAP
Tungsten	ACL Metais Eireli	RMAP
Gold	Al Etihad Gold Refinery DMCC	RMAP
Gold	Bangalore Refinery	RMAP
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	RMAP
Tungsten	China Molybdenum Co., Ltd.	RMAP
Tin	CRM Synergies	RMAP
Tungsten	Cronimet Brasil Ltda	RMAP
Tin	Dowa	RMAP
Gold	Eco-System Recycling Co., Ltd. North Plant	RMAP
Gold	Eco-System Recycling Co., Ltd. West Plant	RMAP
Tin	Fabrica Auricchio Industria e Comercio Ltda.	RMAP
Tungsten	Fujian Ganmin RareMetal Co., Ltd.	RMAP
Tungsten	Fujian Xinlu Tungsten	RMAP
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	RMAP
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	RMAP
Tin	HuiChang Hill Tin Industry Co., Ltd.	RMAP
Gold	Italpreziosi	RJC, RMAP
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	RMAP
Tantalum	Jiangxi Tuohong New Raw Material	RMAP
Tungsten	Jingmen Dewei GEM Tungsten Resources Recycling Co., Ltd.	RMAP
Tungsten	JSC “Kirovgrad Hard Alloys Plant”	RMAP
Tungsten	KGETS CO., LTD.	RMAP
Gold	Korea Zinc Co., Ltd.	RMAP
Tungsten	Lianyou Metals Co., Ltd.	RMAP
Gold	L’Orfebre S.A.	RMAP
Gold	LT Metal Ltd.	RMAP
Tin	Ma’anshan Weitai Tin Co., Ltd.	RMAP
Gold	Marsam Metals	RMAP
Gold	Metal Concentrators SA (Pty) Ltd.	RMAP
Tungsten	Moliren Ltd.	RMAP
Gold	NH Recytech Company	RMAP
Tungsten	Philippine Chuangxin Industrial Co., Inc.	RMAP
Gold	Planta Recuperadora de Metales SpA	RMAP
Tin	PT Bangka Serumpun	RMAP
Tin	PT Menara Cipta Mulia	RMAP
Tin	PT Rajawali Rimba Perkasa	RMAP
Gold	REMONDIS PMR B.V.	RMAP
Tantalum	Resind Industria e Comercio Ltda.	RMAP
Tin	Resind Industria e Comercio Ltda.	RMAP
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	RMAP
Gold	SAAMP	RJC, RMAP
Gold	Sichuan Tianze Precious Metals Co., Ltd.	LBMA, RMAP
Gold	SungEel HiMetal Co., Ltd.	RMAP
Tungsten	TANIOBIS Smelting GmbH & Co. KG	RMAP
Tin	Thai Nguyen Mining and Metallurgy Co., Ltd.	RMAP
Tin	Tin Technology & Refining	RMAP
Gold	TOO Tau-Ken-Altyn	RMAP
Tungsten	Unecha Refractory Metals Plant	RMAP
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	RMAP

The table below, which is as of April 22, 2022, lists the SORs known to us to have supplied necessary conflict minerals contained in our covered products and that were not certified as compliant by one or more independent third-party audit certification programs. In addition, despite our diligence efforts we were unable to determine the countries from which these SORs sourced necessary conflict minerals:

Metal	Smelter/Refiner
Gold	Abington Reldan Metals, LLC
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.
Gold	Alexy Metals
Tungsten	Artek LLC
Gold	AU Traders and Refiners
Gold	Augmont Enterprises Private Limited
Gold	C.I Metales Procesados Industriales SAS
Gold	CGR Metalloys Pvt Ltd.
Tungsten	CNMC (Guangxi) PGMA Co., Ltd.
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda
Gold	Degussa Sonne / Mond Goldhandel GmbH
Gold	Dijllah Gold Refinery FZC
Tin	Dongguan CiEXPO Environmental Engineering Co., Ltd.
Gold	Emerald Jewel Industry India Limited (Unit 1)
Gold	Emerald Jewel Industry India Limited (Unit 2)
Gold	Emerald Jewel Industry India Limited (Unit 3)
Gold	Emerald Jewel Industry India Limited (Unit 4)
Gold	Fujairah Gold FZC
Gold	GCC Gujrat Gold Centre Pvt. Ltd.
Tin	Gejiu City Fuxiang Industry and Trade Co., Ltd.
Gold	Gold Coast Refinery
Gold	Hunan Guiyang yinxing Nonferrous Smelting Co., Ltd.
Gold	International Precious Metal Refiners
Gold	JALAN & Company
Gold	K.A. Rasmussen
Gold	Kundan Care Products Ltd.
Gold	Kyshtym Copper-Electrolytic Plant ZAO
Tungsten	LLC Vostok
Gold	MD Overseas
Gold	Metallix Refining Inc.
Gold	Modeltech Sdn Bhd
Tin	Modeltech Sdn Bhd
Tungsten	NPP Tyazhmetprom LLC
Tungsten	OOO "Technolom" 1
Tungsten	OOO "Technolom" 2
Gold	Pease & Curren
Tin	Pongpipat Company Limited
Tin	Precious Minerals and Smelting Limited
Tin	PT Masbro Alam Stania
Tin	PT Mitra Sukses Globalindo
Gold	QG Refining, LLC
Gold	Sai Refinery
Gold	Sancus ZFS (L'Orfebre, SA)

Gold	Sellem Industries Ltd.
Gold	Shandong Humon Smelting Co., Ltd.
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.
Gold	Shirpur Gold Refinery Ltd.
Gold	Sovereign Metals
Gold	State Research Institute Center for Physical Sciences and Technology
Gold	Sudan Gold Refinery
Tin	Super Ligas
Gold	Tony Goetz NV
Gold	Value Trading
Gold	WEEEREFINING
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.