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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

FORM SD  
Specialized Disclosure Report

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**ATRICURE, INC.**

(Exact name of registrant as specified in charter)

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**Delaware**  
(State or other jurisdiction of incorporation)

**000-51470**  
(Commission File Number)

**34-1940305**  
(IRS Employer Identification No.)

**7555 Innovation Way**  
**Mason, OH**  
(Address of principal executive offices)

**45040**  
(Zip Code)

**M. Andrew Wade** **(513) 755-4100**  
(Name and telephone number, including area code, of the person to contact in connection with this report.)

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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 to December 31, 2018.

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**Section 1. Conflict Minerals Disclosure**

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

AtriCure, Inc. (AtriCure or the Company) evaluated its products during the year ended December 31, 2018 and determined that certain products manufactured or contracted to be manufactured by the Company contain conflict minerals which are necessary to the functionality or production of such products. As is required, the Company has conducted a good faith reasonable country of origin inquiry (RCOI) designed to determine whether the necessary conflict minerals originated in the Democratic Republic of the Congo or an adjoining country or came from recycled or scrap sources.

AtriCure's RCOI process included conducting an inquiry of our direct suppliers using the Conflict-Free Sourcing Initiative's Conflict Minerals Reporting Template. We relied upon our suppliers' representations regarding the origin of their minerals and their smelter data to determine the source of the conflict minerals within our supply chain. Based on the results of our RCOI, we exercised due diligence on the source and chain of custody of the conflict minerals.

The Company has filed a Conflict Minerals Report (CMR). A copy of the Company's CMR is furnished as Exhibit 1.01 to this Form SD and is incorporated herein by reference. A copy of the Company's CMR is also available on the Company's website at [www.atricure.com](http://www.atricure.com).

**Item 1.02 Exhibit**

A copy of the Company's Conflict Minerals Report required by Item 1.01 is provided as Exhibit 1.01 hereto.

**Section 2. Exhibits**

**Item 2.01 Exhibits**

(d) Exhibits

<u>No.</u>	<u>Description</u>
<a href="#">1.01</a>	<a href="#">Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form SD</a>

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**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 undersigned hereunto duly authorized.

ATRICURE, INC.

Dated: May 30, 2019

By: /s/ M. Andrew Wade

M. Andrew Wade

Senior Vice President and Chief Financial Officer

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**AtriCure, Inc.**  
**Conflict Minerals Report**  
**For the Year Ended December 31, 2018**

This report for the year ended December 31, 2018 (the Reporting Period) is presented to comply with Rule 13p-1 under the Securities Exchange Act of 1934 (the Rule), the Public Statement on the Effect of the Recent Court of Appeals Decision on the Conflict Minerals Rule issued by the Director of the Division of Corporation Finance of the Securities and Exchange Commission on April 24, 2014 and the Updated Statement on the Effect of the Court of Appeals Decision on the Conflict Minerals Rule issued on April 7, 2017, which states that companies must continue to comply with the requirements of Items 1.01(a) and (b) of Form SD, which require a description of the company's reasonable country of origin inquiry, however, companies will not face enforcement actions if they fail to conduct due diligence on the source and chain of custody of conflict minerals required by Item 1.01(c) of Form SD (collectively, the SEC Statements). The Rule was adopted by the Securities and Exchange Commission (SEC) to implement reporting and disclosure requirements related to conflict minerals as directed by the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (Dodd-Frank Act). The Rule imposes certain reporting obligations on SEC registrants whose manufactured products contain conflict minerals which are necessary to the functionality or production of their products. Conflict minerals are defined as cassiterite, columbite-tantalite, gold, wolframite, and their derivatives, which are limited to tin, tantalum, tungsten, and gold (collectively, 3TG) for the purposes of this assessment. These requirements apply to all registrants, whatever the geographic origin of the conflict minerals and whether or not they fund armed conflict.

If a registrant can establish that the conflict minerals originated from sources other than the Democratic Republic of the Congo (DRC) or an adjoining country (the Covered Countries), or from recycled and scrap sources, it must submit a Form SD which describes the Reasonable Country of Origin Inquiry (RCOI) completed.

If a registrant has reason to believe that any of the conflict minerals in its supply chain may have originated in the Covered Countries, or if it is unable to determine the country of origin of those conflict minerals, then the issuer must exercise due diligence on the conflict minerals' source and chain of custody. The registrant must annually submit a Conflict Minerals Report (CMR) to the SEC that includes a description of those due diligence measures.

### **Forward-Looking Statements**

Forward-looking statements contained in this CMR are made based on known events and circumstances at the time of release, and, as such, are subject in the future to unforeseen uncertainties and risks. Statements in this CMR which express a belief, expectation or intention, as well as those that are not historical fact, are forward-looking statements, including statements related to the Company's compliance efforts and expected actions identified in this CMR. These forward-looking statements are subject to various risks, uncertainties and assumptions, including, among other matters, the Company's customers' requirements to use certain suppliers, the Company's suppliers' responsiveness and cooperation with the Company's due diligence efforts, the Company's ability to implement improvements in its conflict minerals program and the Company's ability to identify and mitigate related risks in its supply chain. If one or more of these or other risks materialize, actual results may vary materially from those expressed. For a more complete discussion of these and other risk factors, see the Company's other filings with the SEC, including its Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q. The Company makes these statements as of the date of this disclosure and undertakes no obligation to update them unless otherwise required by law.

### **1. Company Overview**

AtriCure, Inc. (the Company, AtriCure, we, or our) is a leading innovator in treatments for atrial fibrillation (Afib) and left atrial appendage management. The Company sells cardiac tissue ablation and left atrial appendage occlusion devices to medical centers globally through its direct sales force and distributors. 3TG can be found in certain AtriCure devices. Therefore, certain products that AtriCure manufactures and distributes are subject to the reporting obligations of Rule 13p-1.

### **2. Products and Facilities Overview**

AtriCure's product lines are classified as follows:

Radio Frequency (RF) Ablation Devices. Our Isolator Synergy System and related RF devices, such as our multifunctional pens and linear ablation devices, along with the COBRA Fusion® Surgical Ablation System and EPI-Sense® Guided

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Coagulation System with VisiTrax® Technology represent our primary RF product lines. Physicians use these devices to ablate cardiac tissue for the treatment of cardiac arrhythmias in both open and minimally invasive procedures.

cryoICE Cryoablation System. The cryoICE cryoablation system consists of the cryoICE BOX generator along with a range of cryoICE single use cryosurgery probes. The cryoICE cryoablation system is used to ablate cardiac tissue for the treatment of cardiac arrhythmias and to provide temporary pain relief to thoracic surgery patients via ablation of peripheral nerves.

AtriClip System. Our AtriClip system is designed to occlude the left atrial appendage by mechanically clamping the appendage from the outside of the heart, eliminating blood flow between the left atrial appendage and the atrium while avoiding contact with circulating blood.

We manufacture a substantial majority of the disposable and implantable products we sell and generally purchase items that would be deemed capital equipment. Throughout 2018, we inspected, assembled, tested and packaged our products in our facility in Mason, Ohio. Our products are sterilized by third-party sterilizers at their facilities.

### **3. Conflict Minerals Program**

The Company designed its conflict minerals program to conform, in all material respects, to the five-step framework of the 2nd edition of The Organization for Economic Co-operation and Development (OECD) Due Diligence Guidance, the Supplement on Tin, Tantalum, and Tungsten, and the Supplement on Gold, specifically as they relate to our position in the minerals supply chain as a "downstream" company:

- Step 1: Establish strong company management systems
- Step 2: Identify and assess risks in the supply chain
- Step 3: Design and implement a strategy to respond to identified risks
- Step 4: Carry out independent third-party audit of smelter/refiner due diligence practices
- Step 5: Report annually on supply chain due diligence

The Company relied upon multi-stakeholder initiatives that provide verification processes for conflict-free minerals from smelters or refiners who may provide those minerals to companies in our supply chain. The Company, as a purchaser of component parts or finished products, is many steps removed from the mining of conflict minerals. The Company does not purchase raw ore or unrefined conflict minerals and conducts no purchasing activities directly in the Covered Countries.

The statements below are based on the activities performed to date and in good faith by AtriCure and are based on the information available at the time of this filing. Factors that could affect the accuracy of these statements include, but are not limited to, the complexity of the supply chain, incomplete supplier data or available smelter data, errors or omissions by suppliers or smelters, the ability of suppliers to identify smelters, evolving definition and confirmation of smelters, incomplete information from industry or other third-party sources, continuing guidance regarding the SEC final rules and other factors.

### **4. Due Diligence Process**

The following describes the measures taken to reasonably determine the country of origin and to exercise due diligence in the mineral supply chain in conformance with the OECD Due Diligence Guidance.

Step 1: Establish strong company management systems

- a. Conflict minerals team – AtriCure established a conflict minerals team that includes individuals from the appropriate departments. The team was structured to ensure critical information reached relevant employees and suppliers.
  - b. Supplier engagement – AtriCure provided informational materials to our queried suppliers related to the conflict minerals disclosure requirements and conflict minerals compliance.
  - c. Company level grievance mechanism – AtriCure has established a grievance mechanism as a risk-awareness system for issues, including conflict minerals issues. Stakeholders can communicate directly and confidentially with our compliance officer.
  - d. Records management – AtriCure will maintain records relating to our conflict minerals program in accordance with the recommended five-year record retention guidelines.
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## Step 2: Identify and assess risks in the supply chain

- a. Identify products in scope – The conflict minerals team conducted a detailed review of the products manufactured or contracted to be manufactured during the Reporting Period to identify products that should be deemed in-scope.
- b. Conduct Reasonable Country of Origin Inquiry (RCOI) – AtriCure utilized the industry-developed Conflict Minerals Reporting Template (CMRT) to query suppliers for conflict minerals information. The Company requested this information from the tier 1 suppliers who provide material and components for the products deemed in-scope by the conflict minerals team. The responses from the templates submitted by our suppliers were evaluated to determine the Company's reporting obligation based on this RCOI.
- c. Completed additional follow-up – AtriCure contacted direct suppliers to ensure they responded to the request for conflict minerals information by the requested date. AtriCure also worked to clarify and validate the information provided by certain suppliers, such as distributors.
- d. Identify smelters/processors – AtriCure compiled a list of smelters/processors in our supply chain using supplier responses in their CMRTs. The Company reconciled this list to the list of smelter facilities designated by the Conflict-Free Sourcing Initiative's (CFSI) Conflict-Free Smelter Program. We have provided the listing within this report.

## Step 3: Design and implement a strategy to respond to identified risks

As part of the risk mitigation process, the Company reconciled the list of smelters collected from suppliers to the list of smelter facilities designated as "conflict free" by the CFSI's Conflict-Free Smelter Program. AtriCure continues to develop the process used to identify suppliers that potentially provide materials and components that contain Conflict Minerals and conduct a good-faith RCOI of its supply chain, including a risk-based evaluation of our suppliers' responses.

## Step 4: Carry out independent third-party audit of smelter/refiner due diligence practices

AtriCure is relying on the CFSI's published lists to verify the conflict-free status of smelters/processors that source from Covered Countries. The Company has not been subject to an independent private sector audit in accordance with the SEC Statements.

## Step 5: Report annually on supply chain due diligence

AtriCure has determined that a portion of the conflict minerals used to manufacture our products may have originated from the Covered Countries. Accordingly, this Conflict Minerals Report has been filed with the SEC and is available on our website at <http://www.atricure.com>.

## 5. Determination

Based on the information received from our suppliers, the facilities listed in the table below may have been used to process conflict minerals used in certain AtriCure products.

Based on the due diligence measures described above, including the RCOI process, the Company does not have sufficient information to conclusively determine the countries of origin of all the 3TG necessary to the Company's product functionality or production or whether the 3TG used in its products were from recycled or scrap sources or whether or not any conflict minerals may have, in fact, directly or indirectly financed or benefitted any armed groups in a Covered Country.

<b>Metal</b>	<b>Facility Name</b>	<b>Facility Location</b>
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	African Gold Refinery	UGANDA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Aktyubinsk Copper Company TOO	KAZAKHSTAN
Gold	Al Etihad Gold LLC	UNITED ARAB EMIRATES
Gold	Allgemeine Gold-und Silberscheideanstalt A.G.	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND

Gold	ARY Aurum Plus	UNITED ARAB EMIRATES
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Atasay Kuyumculuk Sanayi Ve Ticaret A.S.	TURKEY
Gold	AU Traders and Refiners	SOUTH AFRICA
Gold	AURA-II	UNITED STATES OF AMERICA
Gold	Aurubis AG	GERMANY
Gold	Bangalore Refinery	INDIA
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Bauer Walser AG	GERMANY
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH Co. KG	GERMANY
Gold	Caridad	MEXICO
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres Metaux S.A.	SWITZERLAND
Gold	Chimet S.p.A.	ITALY
Gold	China Gold Deal Investment Co., Ltd.	CHINA
Gold	Chugai Mining	JAPAN
Gold	Codelco	CHILE
Gold	Daejin Indus Co., Ltd.	KOREA, REPUBLIC OF
Gold	Daeryong ENC	KOREA, REPUBLIC OF
Gold	Daye Non-Ferrous Metals Mining Ltd.	CHINA
Gold	Degussa Sonne / Mond Goldhandel GmbH	GERMANY
Gold	DODUCO Contacts and Refining GmbH	GERMANY
Gold	Dongguan Standard Electronic Material Co., Ltd	CHINA
Gold	Dowa	JAPAN
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Eco-System Recycling Co., Ltd.	JAPAN
Gold	Elemental Refining, LLC	UNITED STATES OF AMERICA
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	Faggi Enrico S.p.A.	ITALY
Gold	Ferro Corporation	UNITED STATES OF AMERICA
Gold	Fidelity Printers and Refiners Ltd.	ZIMBABWE
Gold	G&S Metals	UNITED STATES OF AMERICA
Gold	Gansu Seemine Material Hi-Tech Co., Ltd.	CHINA
Gold	GCC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	Great Wall Precious Metals Co., Ltd. of CBPM	CHINA
Gold	Guangdong Jinding Gold Limited	CHINA
Gold	Guoda Safina High-Tech Environmental Refinery Co., Ltd.	CHINA
Gold	Hangzhou Fuchunjiang Smelting Co., Ltd.	CHINA
Gold	HeeSung Metal Ltd.	KOREA, REPUBLIC OF

Gold	Heimerle + Meule GmbH	GERMANY
Gold	Henan Yuguang Gold & Lead Co., Ltd.	CHINA
Gold	Heraeus Ltd. Hong Kong	CHINA
Gold	Heraeus Precious Metals GmbH & Co. KG	GERMANY
Gold	HeTai Gold Mineral GuangDong Ltd. Co.	CHINA
Gold	House of Currency of Brazil (Casa da Moeda do Brazil)	BRAZIL
Gold	Hunan Chenzhou Mining Co., Ltd.	CHINA
Gold	HwaSeong CJ CO., LTD.	KOREA, REPUBLIC OF
Gold	Inner Mongolia Qiankun Gold and Silver Refinery Share Co., Ltd.	CHINA
Gold	Ishifuku Metal Industry Co., Ltd.	JAPAN
Gold	Istanbul Gold Refinery	TURKEY
Gold	Italpreziosi	ITALY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	Jin Jinyin Refining Company Limited	CHINA
Gold	Jinlong Copper Co., Ltd.	CHINA
Gold	Johnson Matthey Inc.	UNITED STATES OF AMERICA
Gold	Johnson Matthey Limited	CANADA
Gold	JSC Ekaterinburg Non-Ferrous Metal Processing Plant	RUSSIAN FEDERATION
Gold	JSC Uralelectromed	RUSSIAN FEDERATION
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	K.A Rasmussen as	NORWAY
Gold	Kaloti Precious Metals	UNITED ARAB EMIRATES
Gold	Kazakhmys Smelting LLC	KAZAKHSTAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Metal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	Kosak Seiren	JAPAN
Gold	Kyrgyzaltyn JSC	KYRGYZSTAN
Gold	Kyshtym Copper-Electrolytic Plant ZAO	RUSSIAN FEDERATION
Gold	L'azurde Company For Jewelry	SAUDI ARABIA
Gold	Lingbao Gold Co., Ltd.	CHINA
Gold	Lingbao Jinyuan Tonghui Refinery Co., Ltd.	CHINA
Gold	L'Orfebre S.A.	ANDORRA
Gold	LS-NIKKO Copper Inc.	KOREA, REPUBLIC OF
Gold	Luoyang Zijin Yinhui Gold Refinery Co., Ltd.	CHINA
Gold	Marsam Metals	BRAZIL
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metahub Industries Sdn. Bhd.	MALAYSIA
Gold	Metalor Switzerland	SWITZERLAND
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA



Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Modeltech Sdn Bhd	MALAYSIA
Gold	Morris and Watson	NEW ZEALAND
Gold	Morris and Watson Gold Coast	AUSTRALIA
Gold	Moscow Special Alloys Processing Plant	RUSSIAN FEDERATION
Gold	N.E.Chemcat Corporation	JAPAN
Gold	Nadir Metal Rafineri San. Ve Tic. A.Ş.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Nyrstar Metals	UNITED STATES OF AMERICA
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	Ohio Precious Metals LLC.	UNITED STATES OF AMERICA
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	OJSC "The Gulidov Krasnoyarsk Non-Ferrous Metals Plant" (OJSC Krastsvetmet)	RUSSIAN FEDERATION
Gold	OJSC Kolyma Refinery	RUSSIAN FEDERATION
Gold	OJSC Novosibirsk Refinery	RUSSIAN FEDERATION
Gold	PAMP S.A.	SWITZERLAND
Gold	Pease & Curren	UNITED STATES OF AMERICA
Gold	Penglai Penggang Gold Industry Co., Ltd.	CHINA
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	Prioksky Plant of Non-Ferrous Metals	RUSSIAN FEDERATION
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	Refinery of Seemine Gold Co., Ltd.	CHINA
Gold	Remondis Argentia B.V.	NETHERLANDS
Gold	Republic Metals Corporation	UNITED STATES OF AMERICA
Gold	Royal Canadian Mint	CANADA
Gold	SAAMP	FRANCE
Gold	Sabin Metal Corp.	UNITED STATES OF AMERICA
Gold	Safimet S.p.A	ITALY
Gold	SAFINA A.S.	CZECH REPUBLIC
Gold	Sai Refinery	INDIA
Gold	Samduck Precious Metals	KOREA, REPUBLIC OF
Gold	Samwon Metals Corp.	KOREA, REPUBLIC OF
Gold	SAXONIA Edelmetalle GmbH	GERMANY
Gold	Schone Edelmetaal B.V.	NETHERLANDS
Gold	SEMPSA Joyería Platería S.A.	SPAIN

Gold	Shan Dong Huangjin	CHINA
Gold	Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co., Ltd.	CHINA
Gold	Shandong Guoda gold Co., LTD.	CHINA
Gold	Shandong Humon Smelting Co., Ltd.	CHINA
Gold	Shandong Tiancheng Biological Gold Industrial Co., Ltd.	CHINA
Gold	Shandong Yanggu Xiangguang Co., Ltd.	CHINA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Shandong Zhongkuang Group Co., Ltd.	CHINA
Gold	Shenzhen Fujun Material Technology Co., Ltd	CHINA
Gold	Shenzhen Heng Zhong Industry Co., Ltd.	CHINA
Gold	Shenzhen Zhonghenglong Real Industry Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Singway Technology Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Gold	Sino-Platinum Metals Co., Ltd	CHINA
Gold	So Accurate Group, Inc.	UNITED STATES OF AMERICA
Gold	SOE Shyolkovsky Factory of Secondary Precious Metals	RUSSIAN FEDERATION
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	State Research Institute Center for Physical Sciences and Technology	LITHUANIA
Gold	Sudan Gold Refinery	SUDAN
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Super Dragon Technology Co., Ltd.	CHINA
Gold	T.C.A S.p.A	ITALY
Gold	Taicang City Nancang Metal Material Co., Ltd.	CHINA
Gold	Tanaka Denshi Kogyo K.K.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	The Refinery of Shandong Gold Mining Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Tongling Nonferrous Metals Group Co., Ltd.	CHINA
Gold	Tony Goetz NV	BELGIUM
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Torecom	KOREA, REPUBLIC OF
Gold	Umicore Brasil Ltda.	BRAZIL
Gold	Umicore Precious Metals Thailand	THAILAND
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Universal Precious Metals Refining Zambia	ZAMBIA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Xstrata Canada Corporation	CANADA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Yunnan Copper Industry Co., Ltd.	CHINA
Gold	Zhe Jiang Guang Yuan Noble Metal Smelting Factory	CHINA

Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Zijin Mining Group Co., Ltd. Gold Refinery	CHINA
Tantalum	Advanced Metallurgical Group N.V. (AMG)	UNITED STATES OF AMERICA
Tantalum	Asaka Riken Co., Ltd.	JAPAN
Tantalum	Avon Specialty Metals	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	Duoluoshan	CHINA
Tantalum	E.S.R. Electronics	UNITED STATES OF AMERICA
Tantalum	Exotech Inc.	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tantalum	Guangdong Zhiyuan New Material Co., Ltd.	CHINA
Tantalum	Guizhou Zhenhua Xinyun Technology Ltd.	CHINA
Tantalum	H.C. Starck Co., Ltd.	THAILAND
Tantalum	H.C. Starck GmbH Goslar	GERMANY
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	H.C. Starck Inc.	UNITED STATES OF AMERICA
Tantalum	H.C. Starck Ltd.	JAPAN
Tantalum	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tantalum	H.C. Starck Tantalum and Niobium GmbH	GERMANY
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Hi-Temp Specialty Metals, Inc.	UNITED STATES OF AMERICA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	Jiujiang Janny New Material Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA

Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET Blue Metals	MEXICO
Tantalum	KEMET Blue Powder	UNITED STATES OF AMERICA
Tantalum	King-Tan Tantalum Industry Ltd.	CHINA
Tantalum	LSM Brasil S.A.	BRAZIL
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineração Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	Plansee SE Liezen	AUSTRIA
Tantalum	Plansee SE Reutte	AUSTRIA
Tantalum	Power Resources Ltd.	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
Tantalum	Quantum Clean	UNITED STATES OF AMERICA
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	RFH Tantalum Smeltery Co., Ltd./Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Solikamsk Magnesium Works OAO	RUSSIAN FEDERATION
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Tranzact, Inc.	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Yichun Jin Yang Rare Metal Co., Ltd.	CHINA
Tantalum	Zhaoqing Duoluoshan Non-ferrous Metals Co., Ltd.	CHINA
Tantalum	Zhuzhou Cemented Carbide Group Co. Ltd.	CHINA
Tin	5N Plus	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
Tin	A.E.B. International, Inc.	UNITED STATES OF AMERICA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	An Thai Minerals Co., Ltd.	VIETNAM

Tin	An Vinh Joint Stock Mineral Processing Company	VIETNAM
Tin	BML	INDONESIA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	China Yunnan Tin Co., Ltd.	CHINA
Tin	CIMSA, S.A.	SPAIN
Tin	CNMC (Guangxi) PGMA Co., Ltd.	CHINA
Tin	Cookson	UNITED STATES OF AMERICA
Tin	Cooper Santa	BRAZIL
Tin	Cooperativa Metalurgica de Rondônia Ltda.	BRAZIL
Tin	CV Ayi Jaya	INDONESIA
Tin	CV Dua Sekawan	INDONESIA
Tin	CV Duta Putra Bangka	INDONESIA
Tin	CV Gita Pesona	INDONESIA
Tin	CV JusTindo	INDONESIA
Tin	CV Makmur Jaya	INDONESIA
Tin	CV Prima Timah Utama	INDONESIA
Tin	CV Tiga Sekawan	INDONESIA
Tin	CV United Smelting	INDONESIA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Da Nang Processing Import and Export Joint Stock	VIETNAM
Tin	Dowa	JAPAN
Tin	Electro-Mechanical Facility of the Cao Bang Minerals & Metallurgy Joint Stock Company	VIETNAM
Tin	Elmet S.L.U.	Spain
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Feinhütte Halsbrücke GmbH	GERMANY
Tin	Fenix Metals	POLAND
Tin	Galloo N.V.	BELGIUM
Tin	Gejiu Fengming Metallurgy Chemical Plant	CHINA
Tin	Gejiu Jinye Mineral Company	CHINA
Tin	Gejiu Kai Meng Industry and Trade LLC	CHINA
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tin	Gejiu Yunxi Group Corp.	China
Tin	Gejiu Yunxin Nonferrous Electrolysis Co., Ltd.	CHINA
Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.	CHINA
Tin	Global Advanced Metals	AUSTRALIA
Tin	Gold Bell Group	CHINA
Tin	Grant Manufacturing and Alloying	UNITED STATES OF AMERICA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	Guangxi Huaxi Group	CHINA
Tin	Guanyang Guida Nonferrous Metal Smelting Plant	CHINA
Tin	Hayes Metals Pty Ltd.	NEW ZEALAND
Tin	Hezhou Jinwei Tin Co., Ltd.	CHINA

Tin	Hongqiao Metals (Kunshan) Co., Ltd.	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Tin	Huichang Jinshunda Tin Co., Ltd.	CHINA
Tin	Hunan Xianghualing Tin Co., Ltd.	CHINA
Tin	Imperial Zinc	UNITED STATES OF AMERICA
Tin	International Wire Group, Inc.	UNITED STATES OF AMERICA
Tin	Jean Goldschmidt International	BELGIUM
Tin	Jiangxi Ketai Advanced Material Co., Ltd.	CHINA
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	Ju Tai Industrial Co., Ltd.	CHINA
Tin	Laibin Huaxi Smelting Co., Ltd.	CHINA
Tin	Linwu Xianggui Ore Smelting Co., Ltd.	CHINA
Tin	Linwu Xianggui Smelter Co.	CHINA
Tin	Liuzhou China Tin	CHINA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Melt Metais e Ligas S.A.	BRAZIL
Tin	Metahub Industries Sdn. Bhd.	MALAYSIA
Tin	Metallic Materials Branch of Guangxi China Tin Group Co., Ltd.	CHINA
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Metallo Belgium N.V.	BELGIUM
Tin	Metallo Chimique	BELGIUM
Tin	Metallo Spain S.L.U.	SPAIN
Tin	Metallo-Chimique N.V.	PERU
Tin	Mineração Taboca S.A.	BRAZIL
Tin	Ming Li Jia smelt Metal Factory	CHINA
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	Modeltech Sdn Bhd	MALAYSIA
Tin	Nathan Trotter & Co., Inc.	UNITED STATES OF AMERICA
Tin	Nghe Tinh Non-Ferrous Metals Joint Stock Company	VIETNAM
Tin	Novosibirsk Integrated Tin Works	RUSSIAN FEDERATION
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgical S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Phoenix Metal Ltd.	RWANDA
Tin	Pongpipat Company Limited	MYANMAR
Tin	Poongsan Corporation	KOREA, REPUBLIC OF
Tin	PT Alam Lestari Kencana	INDONESIA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Bangka Kudai Tin	INDONESIA

Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Bangka Putra Karya	INDONESIA
Tin	PT Bangka Serumpun	INDONESIA
Tin	PT Bangka Timah Utama Sejahtera	INDONESIA
Tin	PT Bangka Tin Industry	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT BilliTin Makmur Lestari	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT DS Jaya Abadi	INDONESIA
Tin	PT Eunindo Usaha Mandiri	INDONESIA
Tin	PT Fang Di MulTindo	INDONESIA
Tin	PT HP Metals Indonesia	INDONESIA
Tin	PT Inti Stania Prima	INDONESIA
Tin	PT Justindo	INDONESIA
Tin	PT Karimun Mining	INDONESIA
Tin	PT Kijang Jaya Mandiri	INDONESIA
Tin	PT Koba Tin	INDONESIA
Tin	PT Lautan Harmonis Sejahtera	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT O.M. Indonesia	INDONESIA
Tin	PT Panca Mega Persada	INDONESIA
Tin	PT Pelat Timah Nusantara Tbk	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Seirama Tin Investment	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Sumber Jaya Indah	INDONESIA
Tin	PT Timah	INDONESIA
Tin	PT Timah (Persero) Tbk Kunder	INDONESIA
Tin	PT Timah (Persero) Tbk Mentok	INDONESIA
Tin	PT Timah Nusantara	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tirus Putra Mandiri	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Tin	PT Wahana Perkit Jaya	INDONESIA
Tin	PT Yinchendo Mining Industry	INDONESIA
Tin	Rahman Hydraulic Tin Sdn Bhd	MALAYSIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Tin	SA Minsur	PERU
Tin	Samhwa Non-Ferrous Metal Ind. Co., Ltd.	KOREA, REPUBLIC OF

Tin	Senju Metal Industry Co., Ltd.	MALAYSIA
Tin	Shang You Xin Mao Tin Company Ltd.	CHINA
Tin	Soft Metais Ltda.	BRAZIL
Tin	Sumitomo Metal Mining Co., Ltd.	CANADA
Tin	Sun Surface Technology Co., Ltd	CHINA
Tin	Super Ligas	BRAZIL
Tin	Taicang City Nancang Metal Material Co., Ltd.	CHINA
Tin	Tamura Corporation	JAPAN
Tin	Thai Solder Industry Corp., Ltd.	THAILAND
Tin	Thaisarco	THAILAND
Tin	Tianshuiling Bio Technology Co., Ltd.	CHINA
Tin	Tin Plating Gejiu	CHINA
Tin	Tongding Metal Material Co., Ltd.	CHINA
Tin	Tuyen Quang Non-Ferrous Metals Joint Stock Company	VIETNAM
Tin	Uniforce Metal Industrial Corp.	TAIWAN, PROVINCE OF CHINA
Tin	Univertical International	AMERICAN SAMOA
Tin	VQB Mineral and Trading Group JSC	VIETNAM
Tin	White Solder Metalurgia e Mineração Ltda.	BRAZIL
Tin	Wu Xi Shi Yi Zheng Ji Xie She Bei Company	CHINA
Tin	Wuxi Lantronic Electronic Co Ltd.	CHINA
Tin	Xianghualing Tin Minerals	CHINA
Tin	Yifeng Tin	CHINA
Tin	Yifeng Tin Industry (Chenzhou) Co., Ltd	CHINA
Tin	Yunnan Chengfeng Non-Ferrous Metals Co., Ltd.	CHINA
Tin	Yunnan Chengo Electric Smelting Plant	CHINA
Tin	Yunnan Gejiu Zili Metallurgy Co., Ltd.	CHINA
Tin	Yunnan Tin Company Limited	CHINA
Tin	Yunnan Xi YE	CHINA
Tin	Zhongshan Jinye Smelting Co., Ltd	CHINA
Tin	Zhuhai Quanjia	CHINA
Tungsten	A.L.M.T. TUNGSTEN Corp.	JAPAN
Tungsten	ACL Metais Eireli	BRAZIL
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIETNAM
Tungsten	Chenzhou Diamond Tungsten Products Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Dayu Jincheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Dayu Weiliang Tungsten Co., Ltd.	CHINA
Tungsten	Fujian Jinxin Tungsten Co., Ltd.	CHINA
Tungsten	Ganxian Shirui New Material Co., Ltd.	CHINA
Tungsten	Ganzhou Grand Sea W & Mo Group Co., Ltd.	CHINA



Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Non-ferrous Metals Smelting Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Ganzhou Yatai Tungsten Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck Smelting GmbH & Co. KG	GERMANY
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Chuangda Vanadium Tungsten Co., Ltd. Wuji	CHINA
Tungsten	Hunan Chunchang Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Hunan Litian Tungsten Industry Co., Ltd.	CHINA
Tungsten	Hydrometallurg, JSC	RUSSIAN FEDERATION
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Dayu Longxintai Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xincheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Xiushui Xianggan Nonferrous Metals Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Luoyang Mudu Tungsten & Molybdenum Technology Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Moliren Ltd.	RUSSIAN FEDERATION

Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	Nui Phao H.C. Starck Tungsten Chemicals Manufacturing LLC	VIETNAM
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tungsten	Pobedit, JSC	RUSSIAN FEDERATION
Tungsten	Sanher Tungsten Vietnam Co., Ltd.	VIETNAM
Tungsten	South-East Nonferrous Metal Company Limited of Hengyang City	CHINA
Tungsten	Tejing (Vietnam) Tungsten Co., Ltd.	VIETNAM
Tungsten	Tungsten Diversified Industries LLC	UNITED STATES OF AMERICA
Tungsten	Unecha Refractory Metals Plant	RUSSIAN FEDERATION
Tungsten	Vietnam Youngsun Tungsten Industry Co., Ltd.	VIETNAM
Tungsten	Wolfram Bergbau und Hütten AG	AUSTRIA
Tungsten	Woltech Korea Co., Ltd.	KOREA, REPUBLIC OF
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
Tungsten	Xinhai Rendan Shaoguan Tungsten Co., Ltd.	CHINA

## 6. Future Due Diligence

We will continue to communicate our expectations and information reporting requirements to our direct suppliers. Over time, we anticipate that the amount of information available globally on the traceability and sourcing of these ores will increase and improve our knowledge. We will continue to make inquiries to our direct suppliers and undertake additional risk assessments when potentially relevant changes in facts or circumstances are identified. We expect our suppliers to take similar measures with their suppliers to ensure alignment throughout the supply chain.

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