

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

**Form SD**

**SPECIALIZED DISCLOSURE REPORT**

**Data I/O Corporation**

(Exact Name of Registrant as Specified in Charter)

**Washington**  
(State or Other Jurisdiction of  
Incorporation)

**0-10394**  
(Commission File Number)

**91-0864123**  
(IRS Employer Identification  
Number)

**6464 185<sup>th</sup> Ave. NE, Suite 101, Redmond, WA**  
(Address of Principal Executive Offices)

**98052**  
(Zip Code)

**Joel Hatlen** **(425) 881-6444**  
(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 to December 31, 2014.

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**Section 1 – Conflict Minerals Disclosure****Item 1.01 Conflict Minerals Disclosure and Report, Exhibit**

Data I/O Corporation evaluated its current product lines and determined that certain products we manufacture or contract to manufacture contain one or more necessary conflict minerals consisting of: tin, tungsten, tantalum and/or gold (3TG). Our reasonable country of origin inquiry surveys of our suppliers determined that we are unable to determine the country of origin of the 3TG contained in our products, and as a result we have filed a Conflict Minerals Report.

**Conflict Minerals Report**

A copy of Data I/O Corporation's Form SD including our Conflict Minerals Report is publicly available at: <http://www.dataio.com/en-us/company/investorrelations/financialreports.aspx>

**Item 1.02 Exhibit**

A copy of Data I/O Corporation's Conflict Minerals Report is provided as Exhibit 1.02

**Section 2 – Exhibits****Item 2.01 Exhibits**

The following exhibit is filed as part of this report:

Exhibit 1.02 — Conflict Minerals Report as required by Items 1.01 and 1.02 of this Form.

## **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.

Data I/O Corporation

(Registrant)

/s/ Joel S. Hatlen

By Joel S. Hatlen, Vice President & Chief Financial Officer

May 29, 2015

## Exhibit 1.02

### **Data I/O Corporation's Conflict Minerals Report in Accordance with Rule 13p-1 under the Securities Exchange Act of 1934**

This is the Conflict Minerals Report of Data I/O Corporation ("Data I/O," the "Company," "we," "us," or "our") and subsidiaries for calendar year 2014 in accordance with Rule 13p-1 ("Rule 13p-1") under the Securities Exchange Act of 1934 (the "1934 Act"). Please refer to Rule 13p-1, Form SD and the 1934 Act Release No. 34-67716 for definitions to the terms used in this Report, unless otherwise defined herein.

#### Company and Manufacturing Overview

Data I/O Corporation and its subsidiaries manufacture or contract to manufacture electronic equipment used primarily in our customer's production process for semiconductor programming and handling. We had approximately \$22 million in revenue in 2014, with 84 employees at the end of 2014. Our manufacturing takes place in Redmond, Washington USA; Shanghai, China; and Germany. Our manufacturing primarily consists of final assembly of purchased parts and subassemblies. We contract for the manufacture of certain subassemblies, boards and adapters.

#### Assessment of Products

We assessed our products to determine if they contained necessary conflict minerals. We determined our software products did not contain conflict minerals. Our equipment products (PSV7000, PSV5000, PSV3000, PS588, PS388, FLXHD, FLX500, ProLine RoadRunner, RoadRunner3, FlashPAK III, FlashCORE programmers, Sprint programmers, Unifam programmers and related options for media handling, vision, laser marking, and adapters) all include one or more necessary conflict minerals.

#### Process

We created an internal team sponsored by our Vice President & Chief Financial Officer and driven by our internal supply chain and administrative personnel from each of our USA, China and German offices.

We reviewed our conflict mineral policy and the use of a due diligence framework. We developed a supplier contact and survey process and reviewed supply chain risk and mitigation. We developed a documentation management information system and records retention to comply with the conflict mineral reporting requirements. Steps described in more detail below.

#### Conflict Minerals Policy

Data I/O is committed to working with our global supply chain to achieve greater transparency in our supply chain. Our goal is to source responsibly to manufacture products that do not contain Conflict Minerals that support armed conflict in any of the Covered Countries. As a result, we have established a conflict minerals compliance program that is designed to follow the framework established by the OECD in all material respects. As part of that program, we expect that our suppliers conduct conflict minerals due diligence through their supply chains and report their results to us.

## Due Diligence Framework

In conducting our due diligence, we implemented the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (OECD 2011) (“OECD Framework”), an internationally recognized due diligence framework, including the related supplements on gold, tin, tantalum and tungsten.

As an electronics manufacturer, Data I/O’s due diligence measures were based on the Electronic Industry Citizenship Coalition and Global e-Sustainability (“EICC/GeSI”) initiative with the smelters and refiners of conflict minerals who provide those conflict minerals to our suppliers. As a company in the semiconductor programming equipment business, Data I/O is several levels removed from the smelter or actual mining of conflict minerals. DATA I/O does not make purchases of raw ore or unrefined conflict minerals, makes no purchases from smelters or metal traders, and makes no purchases in the Covered Countries. We depend entirely on our multi-tiered supply chain to provide conflict mineral sourcing information.

## Data I/O’s Due Diligence

- Assessed our products as to whether they contained conflict minerals and if so that the conflict minerals were necessary to the function of the products. All of our equipment products contain one or more necessary conflict minerals.
- Contacted our suppliers and interviewed them regarding their conflict mineral sourcing as well as discussing their supply-chain for items including conflict minerals. This involved educating them on the SEC reporting requirements and our due diligence expectations.
- Reasonable country of origin inquiry and due diligence by conducting a supply-chain survey with direct suppliers of materials potentially containing conflict minerals using the EICC/GeSI Conflict Minerals Reporting Template to identify the smelters and refiners.
- Comparing the smelters and refiners identified in the supply-chain survey against the list of smelter facilities which have been identified as “conflict free” by programs such as the EICC/GeSI Conflict Free Smelter (CFS) program for tantalum, tin, tungsten and gold.

Data I/O does not have a direct relationship with 3TG smelters and refiners, nor do we perform direct audits of these entities that provide our supply chain the 3TG. We rely upon the industry (for example, EICC and CFSI) and larger entities’ efforts to influence smelters and refineries to get audited and certified through CFSI’s CFS program.

Certain suppliers were able to identify specifically the smelters or refiners of Conflict Minerals that went into parts supplied to us. These responses included the names of smelters or refiners listed in the table below. We compared these facilities to the CFSI list of smelters and refiners. We were not able to verify that all of the smelters or refiners named were certified Conflict-Free by CFSI, sometimes due to differences in names used by smelters or refiners.

With the exception of the responding suppliers described above, we are therefore unable to identify any of the other smelters or refiners actually in our supply chain.

Our identified smelter, facility country and metal table is provided at the bottom of this report.

## Conflict Mineral Reporting Conclusion

After exercising the due diligence described above, the Company was unable to determine whether or not its products contain conflict minerals: (1) from recycled or scrap sources as defined in the Conflict Minerals Rule, (2) that did not originate in the Covered Countries, or (3) that did not directly or indirectly finance or benefit armed groups, as defined in the Conflict Minerals Rule, in the Covered Countries.

Our conclusion was due to a lack of information from our suppliers, regarding sourcing of parts and metals with conflict mineral content, required to conclude whether the necessary conflict minerals originated in the Covered Countries and, if so, whether the necessary conflict minerals were from recycle or scrap sources, were DRC conflict free or have not been found to be DRC conflict free.

### Independent Audit

Pursuant to SEC guidance, this Conflict Mineral Report is not audited as none of the Company's products have been found to be "DRC conflict free".

### Current and Future Steps

We continue to follow up with suppliers on completing and expanding surveys and working with their supply chains to identify the sourcing of conflict minerals. For the purpose of the required Reasonable Country of Origin Inquiry (RCOI) and additional due diligence, we continued to receive supply chain responses through May 26, 2015. In future compliance periods, we intend to take additional steps to further improve the information gathered in our due diligence in order to further determine sourcing, and mitigate the risk that the necessary conflict minerals benefit armed groups in the covered countries. The future steps include:

- Increase the response rate and completeness of suppliers' smelters surveys, especially with the supply-chain of suppliers to our suppliers.
- Plan making the Conflict Minerals supplier survey part of initial qualification of new vendors.
- Encourage and negotiate with suppliers to responsibly source items containing conflict minerals and provide transparency with their supply-chain as to conflict mineral sourcing.
- Contacting smelters identified as a result of the supply-chain survey and requesting their participation in a program such as the CFS program to obtain a "conflict free" designation.

We expect the Company and our suppliers whose products contain conflict minerals to responsibly source and provide information as to the source of conflict minerals, as well as expecting their sub tier suppliers to do the same. We expect that conflict mineral RCOI processes and systems are designed consistent with the Organization for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict- Affected and High Risk-Areas. If we determine that any supplier is sourcing DRC conflict minerals that benefit armed groups, then we expect the supplier to commit to plan and take corrective action to move to a conflict free source. If suitable action is not taken, we expect to look to alternative sources for the product. Our goal is not to ban procurement of minerals from the DRC and adjoining countries, but to assure procurement from responsible sources in the region. If we determine that any of the components of our products contain minerals from a mine, smelter or facility that is "non-conflict free", we expect to work towards transitioning to products that are "conflict free". Our ability to do so is dependent on the criticality of the specific part and the availability of alternative suppliers.

Identified Smelter, Facility Country and Metal Table

| <u>Smelter Name</u>                                   | <u>Smelter Country</u> | <u>Metal</u> |
|---|------------------------|--------------|
| 5N PLUS   | GERMANY                | Tin          |
| A&M Minerals Limited                                  | UNITED KINGDOM         | Tantalum     |
| A.L.M.T. Corp.  | JAPAN                  | Tungsten     |
| A.L.M.T. Corp.  | UNITED STATES          | Tungsten     |
| Acade Metals Co.,LTD                                  | CHINA                  | Gold         |
| Acade Noble Metal (Zhao Yuan) Corporation             | CHINA                  | Gold         |
| AcademyPreciousMetals(China)Co.,Ltd                   | CHINA                  | Gold         |
| AcademyPreciousMetals(China)Co.,Ltd                   | CHINA                  | Tin          |
| Advanced Chemical Company                             | UNITED STATES          | Gold         |
| Aida Chemical Industries Co. Ltd.                     | JAPAN                  | Gold         |
| Aida Chemical Industries Co.,Ltd.                     | JAPAN                  | Tungsten     |
| AIM Group   | CANADA                 | Tin          |
| Aleris  | UNITED STATES          | Tin          |
| Alldyne Powder Technologies (ATI Firth Sterling)      | UNITED STATES          | Tungsten     |
| Allgemeine Gold- und Silberscheideanstalt             | GERMANY                | Tin          |
| Allgemeine Gold-und Silberscheideanstalt A.G.         | GERMANY                | Gold         |
| Allied material Corp                                  | TAIWAN                 | Tungsten     |
| Allied Material Corporation (A.L.M.T)                 | Japan                  | Tungsten     |
| Allied Metal Co.                                      | UNITED STATES          | Tin          |
| Alluter Technology (Shenzhen) Co., Ltd                | CHINA                  | Tungsten     |
| Almalyk Mining and Metallurgical Complex (AMMC)       | UZBEKISTAN             | Gold         |
| ALMT  | CHINA                  | Tungsten     |
| Alpha   | UNITED STATES          | Tin          |
| Alpha Metals Korea Ltd.                               | KOREA, REPUBLIC OF     | Tin          |
| Alrec   | UNITED STATES          | Tin          |
| Alta Group  | UNITED STATES          | Tungsten     |
| Atlantic Metals                                       | UNITED STATES          | Tungsten     |
| Aluminum Alloys Inc.                                  | UNITED STATES          | Tin          |
| Aluminum Resourced                                    | UNITED STATES          | Tin          |
| Amalgamated Metals Corporation, Ketabang              | UNITED KINGDOM         | Tin          |
| Amalgament  | PERU                   | Tin          |
| Amalgamet   | UNITED STATES          | Tin          |
| American Iron and Metal                               | CANADA                 | Tin          |
| An Xin Xuan Xin Yue You Se Jin Shu Co. Ltd.           | CHINA                  | Tin          |
| AngloGold Ashanti Corrego do Sitio Minercao           | BRAZIL                 | Gold         |
| AngloGold Ashanti MineraçãO Ltda                      | BRAZIL                 | Gold         |
| Anhui Tongling non-ferrous Pioneer Metals Corporation | CHINA                  | Gold         |

|   |                |          |
|---|----------------|----------|
| Anhui Yingliu Group Inc.                                      | CHINA          | Tungsten |
| ANZ Banking   | AUSTRALIA      | Gold     |
| Aoki Laboratories Ltd   | CHINA          | Tin      |
| Arco Alloys   | UNITED STATES  | Tin      |
| Argor-Heraeus SA  | SWITZERLAND    | Gold     |
| Argor-Heraeus SA  | SWITZERLAND    | Gold     |
| Asahi Pretec (Techno Center)                                  | JAPAN          | Gold     |
| Asahi Pretec Corporation                                      | JAPAN          | Gold     |
| Asahi Solder Technology (Wuxi) Co., Ltd.                      | CHINA          | Tin      |
| Asaka Riken Co Ltd  | JAPAN          | Gold     |
| Asarco  | UNITED STATES  | Gold     |
| Assaf Conductors Ltd.   | UNITED STATES  | Tin      |
| ATAkulche   | Turkey         | Gold     |
| Atasay Kuyumculuk Sanayi Ve Ticaret A.S.                      | TURKEY         | Gold     |
| ATI Metalworking Products                                     | UNITED STATES  | Tin      |
| ATI Tungsten Materials  | UNITED STATES  | Tungsten |
| Atlantic Metals   | UNITED STATES  | Tin      |
| Atlantic Metals   | UNITED STATES  | Tungsten |
| Atotech   | GERMANY        | Tin      |
| Aurubis   | GERMANY        | Tin      |
| Aurubis   | UNITED STATES  | Tin      |
| Aurubis AG  | GERMANY        | Gold     |
| Ausmelt Limited   | AUSTRALIA      | Tin      |
| Axis Material Limited   | JAPAN          | Tungsten |
| Baiyin Nonferrous Group Co.,Ltd                               | CHINA          | Gold     |
| Balver Zinn   | GERMANY        | Tin      |
| Bangka  | INDONESIA      | Tin      |
| Bangko Sentral ng Pilipinas (Central Bank of the Philippines) | PHILIPPINES    | Gold     |
| BANGKOK ASSAY   | THAILAND       | Gold     |
| Banka   | INDONESIA      | Tin      |
| Bauer Walser AG   | GERMANY        | Gold     |
| Beijing Oriental Guide Welding Materials Co., Ltd.            | CHINA          | Tin      |
| Beijing Zenith Materials                                      | CHINA          | Tungsten |
| Beijing Tian-long   | CHINA          | Tungsten |
| Benefits Chlorine resistant material (SU) co. , ltd.          | CHINA          | Tin      |
| Best Metals   | BRAZIL         | Tin      |
| Boliden AB  | SWEDEN         | Gold     |
| Bonoka.Beliting INDONESIA                                     | INDONESIA      | Tin      |
| Britannia Refined Metals Ltd.                                 | UNITED KINGDOM | Tin      |
| Bruweiler Precise Sales Co.                                   | UNITED STATES  | Tungsten |
| Buffalo Tungsten  | CHINA          | Tungsten |
| Butterworth Smelter   | MALAYSIA       | Tin      |



|   |               |          |
|---|---------------|----------|
| C. Hafner GmbH + Co. KG   | GERMANY       | Gold     |
| Cabot (Global Advanced Metals)                                  | UNITED STATES | Tantalum |
| Canfield  | UNITED STATES | Tin      |
| Caridad   | MEXICO        | Gold     |
| CCR Refinery – Glencore Canada Corporation                      | CANADA        | Gold     |
| Cendres + Métaux SA   | SWITZERLAND   | Gold     |
| Central Bank of the DPR of Korea                                | KOREA,        |          |
| Central Glass / Japan   | REPUBLIC OF   | Gold     |
| Ceratizit Deutschland GmbH                                      | JAPAN         | Tungsten |
| CFC Cooperativa dos Fundidores de Cassiterita da Amazonia Ltda. | GERMANY       | Tungsten |
| CHALCO Yunnan Copper Co. Ltd.                                   | BRAZIL        | Tin      |
| ChangChun up-optech   | CHINA         | Gold     |
| Changsanjiao Elc.   | CHINA         | Tungsten |
| Changsha South Tantalum Niobium Co., Ltd.                       | CHINA         | Gold     |
| Changsha Southern   | CHINA         | Tantalum |
| Changzhou Chemical Research Institute Co. Ltd.                  | CHINA         | Tantalum |
| Chengtong Electrical Appliance Factory                          | CHINA         | Gold     |
| Chenzhou Diamond Tungsten Products Co., Ltd.                    | CHINA         | Tungsten |
| Chenzhou,Chenzhou Mining Group                                  | CHINA         | Tungsten |
| Cheong Hing   | HONG KONG     | Gold     |
| Chernan Technology  | TAIWAN        | Tin      |
| Chimet S.p.A.   | ITALY         | Gold     |
| China Alluter Technology (Shenzhen) Co.,Ltd.                    | Shenzhen      |          |
| China Sino-Platinum Metals Co.,Ltd                              | China         | Tungsten |
| China Gold International Resources Corp. Ltd                    | CHINA         | Gold     |
| China Golddeal Investment Co. Ltd                               | CHINA         | Gold     |
| China Hongqiao  | CHINA         | Gold     |
| China Minmetals Corp,Bei Tungsten Industry Co. Ltd.             | CHINA         | Tin      |
| China National Gold Group Corporation                           | CHINA         | Tungsten |
| China National Non-ferrous                                      | CHINA         | Gold     |
| China Rare Metal Materials Company                              | CHINA         | Tungsten |
| China Shenzhen Morgan Sputtering Targets & Technology Co., Ltd. | CHINA         | Tin      |
| China Sino-Platinum Metals Co.,Ltd                              | CHINA         | Tantalum |
| China Tin Group Co., Ltd.                                       | CHINA         | Gold     |
| China Tin Lai Ben Smelter Co., Ltd.                             | CHINA         | Gold     |
| China Tin Smelter Co. Ltd.                                      | CHINA         | Tin      |
| China's Guangxi Nandan, Tin group                               | CHINA         | Tin      |
| China's nonferrous  |               |          |
| mining group co., LTD   | CHINA         | Tin      |
| Chinese Government  | CHINA         | Gold     |
| Chongyi Zhangyuan Tungsten Co., Ltd.                            | CHINA         | Gold     |
|   | CHINA         | Tungsten |

|   |               |          |
|---|---------------|----------|
| Chugai Mining   | JAPAN         | Gold     |
| Chung Yeung industrial co. , ltd.                       | TAIWAN        | Tin      |
| CIF   | BRAZIL        | Tantalum |
| CNMC (Guangxi) PGMA Co. Ltd.                            | CHINA         | Tin      |
| Codelco   | CHILE         | Gold     |
| Colt Refining   | UNITED STATES | Gold     |
| Companhia Industrial Fluminense                         | BRAZIL        | Tantalum |
| Complejo Metalurgico Vinto S.A.                         | Bolivia       | Tin      |
| Conghua Tantalum and Niobium Smeltry                    | CHINA         | Tantalum |
| Cookson   | UNITED STATES | Tin      |
| Cookson Alpha Metals(Shenzhen)Co.Ltd                    | China         | Tin      |
| Cookson Group   | SPAIN         | Gold     |
| COOKSON SEMPSA  | SPAIN         | Tungsten |
| Cooper Santa  | BRAZIL        | Tin      |
| Cooper Santa  | INDONESIA     | Tin      |
| COOPERMETAL - Cooperative Metalurgica de Rondonia Ltda. | BRAZIL        | Tin      |
| Cooson Sempsa   | SPAIN         | Gold     |
| Corporation Berhad (MSC)                                | MALAYSIA      | Tin      |
| CSC Pure Technologies                                   | RUSSIAN       |          |
| CV DS Jaya Abadi  | FEDERATION    | Tin      |
| CV Duta Putra Bangka                                    | INDONESIA     | Tin      |
| CV Gita Pesona  | INDONESIA     | Tin      |
| CV JusTindo   | INDONESIA     | Tin      |
| CV Makmur Jaya  | INDONESIA     | Tin      |
| CV Nurjanah   | INDONESIA     | Gold     |
| CV Nurjanah   | INDONESIA     | Tin      |
| CV Serumpun Sebalai                                     | INDONESIA     | Tin      |
| CV United Smelting                                      | INDONESIA     | Gold     |
| CV United Smelting                                      | INDONESIA     | Tin      |
| CWB Materials   | UNITED STATES | Tungsten |
| Dae Kil   | KOREA,        |          |
| DAECHANG Co. LTD  | REPUBLIC OF   | Tin      |
| Daejin Indus Co. Ltd                                    | KOREA,        |          |
| DaeryongENC   | REPUBLIC OF   | Tin      |
| Daewoo International                                    | KOREA,        |          |
| Daye Non-Ferrous Metals Mining Ltd.                     | REPUBLIC OF   | Gold     |
| Dayu Weiliang Tungsten Co., Ltd.                        | KOREA,        |          |
| Dayu Weiliang Tungsten Co., Ltd.                        | REPUBLIC OF   | Gold     |
|   | KOREA,        |          |
|   | REPUBLIC OF   | Tin      |
|   | CHINA         | Gold     |
|   | CHINA         | Tungsten |
|   | CHINA         | Tungsten |

|   |                       |          |
|---|-----------------------|----------|
| Degutea   | KOREA,<br>REPUBLIC OF | Tungsten |
| Do Sung Corporation   | KOREA,<br>REPUBLIC OF | Gold     |
| Doduco  | GERMANY               | Gold     |
| Dong'guan Dong wu Violent-toxic Chemical Products Co., Ltd. | CHILE                 | Gold     |
| Dongguan Dongxu Metal Surface Hanlde Co Ltd                 | CHINA                 | Gold     |
| Dongguan Standard Electronic Material.Co.,Ltd               | CHINA                 | Gold     |
| Dongguanshi Sutande Dianzi Cailiao Youxiangongsi            | CHINA                 | Gold     |
| Dosung metal  | KOREA,<br>REPUBLIC OF | Gold     |
| Dowa  | JAPAN                 | Gold     |
| Dowa  | JAPAN                 | Tin      |
| Dr.-Ing. Max Schloetter GmbH & Co. KG                       | GERMANY               | Tin      |
| Dr.-Ing. Max Schlötter GmbH & Co. KG                        | Peru                  | Tin      |
| DUKSAN HI-METAL   | KOREA,<br>REPUBLIC OF | Tin      |
| Duoluoshan  | CHINA                 | Tantalum |
| Duoluoshan Sapphire Rare Metal Co. Ltd                      | CHINA                 | Tantalum |
| DUOXIN  | CHINA                 | Gold     |
| ECHEMEMI ENTERPRISE CORP.(FUTURES EXCHANGE)                 | CHINA                 | Gold     |
| Eco-System Recycling Co., Ltd.                              | JAPAN                 | Gold     |
| Electroloy Coroperation Sdn Bhd                             | MALAYSIA              | Tin      |
| Electroloy Metal Pte  | SINGAPORE             | Tin      |
| Electroloy Metal PTE LTD                                    | CHINA                 | Tin      |
| EM Vinto  | BOLIVIA               | Gold     |
| EM Vinto  | BOLIVIA               | Tin      |
| Enthone France  | FRANCE                | Gold     |
| ESG Edelmetallservice GmbH & Co. KG                         | GERMANY               | Gold     |
| Estanho de Rondônia S.A.                                    | BRAZIL                | Tin      |
| Ethiopian Minerals Development Share Company                | ETHIOPIA              | Tantalum |
| Eximetal S.A.   | ARGENTINA             | Tin      |
| Exotech Inc.  | UNITED STATES         | Tantalum |
| F&X Electro-Materials Ltd.                                  | CHINA                 | Tantalum |
| FAGGI ENRICO SPA  | ITALY                 | Gold     |
| Feinhütte Halsbrücke GmbH                                   | GERMANY               | Tin      |
| Fenix Metals  | POLAND                | Tin      |
| Ferro Corporation   | UNITED STATES         | Gold     |
| Fombell,  | USA                   | Tantalum |
| Forest silver   | JAPAN                 | Gold     |
| FSE Novosibirsk Refinery                                    | RUSSIAN<br>FEDERATION | Gold     |
| Fuji Metal Mining   | THAILAND              | Tin      |
| Fujian Jinxin Tungsten Co., Ltd.                            | CHINA                 | Tungsten |

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|--|---------------|----------|
| Fujian Nanping   | CHINA         | Tantalum |
| Full-clad Industrial (unit) Co. , Ltd.                   | TAIWAN        | Tin      |
| Funsur   | BRAZIL        | Tin      |
| Furukawa Electric  | JAPAN         | Tin      |
| Galva Metal  | UNITED STATES | Tin      |
| Gannon & Scott   | UNITED STATES | Tantalum |
| Gansu Seemine Material Hi-Tech Co Ltd                    | CHINA         | Gold     |
| Gansu-based Baiyin Nonferrous Metals Corporation (BNMC)  | CHINA         | Gold     |
| Ganzhou Grand Sea W & Mo Group Co Ltd                    | CHINA         | Tungsten |
| Ganzhou Hongfei Tungsten & Molybdenum Materials Co., Ltd | CHINA         | Tungsten |
| Ganzhou Huaxing Tungsten Products Co., Ltd.              | CHINA         | Tantalum |
| Ganzhou Huaxing Tungsten Products Co., Ltd.              | CHINA         | Tungsten |
| Ganzhou Jiangwu Ferrotungsten Co., Ltd.                  | CHINA         | Tungsten |
| Ganzhou Non-ferrous Metals Smelting Co., Ltd.            | CHINA         | Tantalum |
| Ganzhou Non-ferrous Metals Smelting Co., Ltd.            | CHINA         | Tungsten |
| Ganzhou Seadragon W & Mo Co., Ltd.                       | CHINA         | Tantalum |
| Gebrueder  | GERMANY       | Tin      |
| Geib Refining Corp.                                      | UNITED STATES | Gold     |
| Gejiu Jin Ye Mineral Co., Ltd.                           | 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 Colored Electrolysis Ltd                    | CHINA         | Tin      |
| Gejiu Zili Metallurgy Co., Ltd.                          | CHINA         | Tin      |
| Gejiu Zili Mining and Smelting co LTD                    | CHINA         | Tin      |
| Gejiu zili mining&smelting co.,ltd                       | CHINA         | Gold     |
| Gibbs Wire & Steel Co                                    | UNITED STATES | Tin      |
| Global Advanced Metals                                   | JAPAN         | Tantalum |
| Global Advanced Metals                                   | UNITED STATES | Tantalum |
| Global Advanced Metals Aizu                              | JAPAN         | Tantalum |
| Global Advanced Metals Boyertown                         | UNITED STATES | Tantalum |
| Global Tungsten & Powders Corp                           | CZECH         | Tungsten |
| Global Tungsten & Powders Corp.                          | REPUBLIC      | Tungsten |
| Global Tungsten & Powders Corp.                          | UNITED STATES | Tungsten |
| Gold Mining in Shandong (Laizhou) Limited Company        | CHINA         | Gold     |
| Gold trading room  | JAPAN         | Gold     |
| Golden Egret   | CHINA         | Tungsten |
| Government (Police Dept.)                                | CHINA         | Gold     |
| Grant Manufacturing and Alloying                         | UNITED STATES | Tin      |
| Guangdong grace billion Kate Fine Chemical Co., Ltd.     | CHINA         | Gold     |
| Guangdong Jinding Gold Limited                           | CHINA         | Gold     |
| Guangdong Jinding Material co., Ltd.                     | CHINA         | Gold     |
| Guangdong MingFa Precious Metal Co.,Ltd                  | CHINA         | Gold     |

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|--|--------------------|----------|
| Guangdong Xianglu Tungsten Co., Ltd.                       | CHINA              | Tungsten |
| Guangdong Zhiyuan New Material Co., Ltd.                   | CHINA              | Tantalum |
| Guangxi Zhongshan Gold Bell Smelting Corp.Ltd              | CHINA              | Tin      |
| GuangZHou Jin Ding   | CHINA              | Gold     |
| Guangzhou King's high-tech materials                       | CHINA              | Gold     |
| Guangzhou Special Copper & Electronics material Co.,LTD    | CHINA              | Tin      |
| GuanXi China Tin Group Co.,LTD                             | CHINA              | Tin      |
| Guest Wah tin smelleder co. , ltd.                         | CHINA              | Tin      |
| Gwo Chern industrial Co., Ltd.                             | TAIWAN             | Gold     |
| H. C. Stark  | THAILAND           | Tantalum |
| H.C. Starck GmbH   | GERMANY            | Tungsten |
| H.C. Starck GmbH Goslar                                    | GERMANY            | Tantalum |
| H.C. Starck Group  | GERMANY            | Tantalum |
| H.C. Starck Inc.   | UNITED STATES      | Tantalum |
| H.C. Starck Ltd.   | JAPAN              | Tantalum |
| H.C. Starck Smelting GmbH & Co.KG                          | GERMANY            | Tantalum |
| H.C. Starck Smelting GmbH & Co.KG                          | GERMANY            | Tungsten |
| H.J.Enthoven & Sons  | UNITED KINGDOM     | Tin      |
| Hana-High Metal  | MALAYSIA           | Tin      |
| Hanbaek nonferrous metals                                  | KOREA, REPUBLIC OF | Tin      |
| Handok   | KOREA, REPUBLIC OF | Gold     |
| Hangzhou Fuchunjiang Smelting Co., Ltd.                    | CHINA              | Gold     |
| Harima Smelter   | JAPAN              | Gold     |
| Harmony Gold Refinery                                      | SOUTH AFRICA       | Gold     |
| HC Starck  | RUSSIAN FEDERATION | Tungsten |
| HC Starck GmbH   | GERMANY            | Tungsten |
| Heareus  | HONG KONG          | Gold     |
| Heesung Catalysts Corp.                                    | KOREA, REPUBLIC OF | Gold     |
| HEESUNG MATERIAL LTD                                       | KOREA, REPUBLIC OF | Tin      |
| Heesung Metal Ltd  | AUSTRALIA          | Gold     |
| Heimerle + Meule GmbH                                      | GERMANY            | Gold     |
| Henan Zhongyuan Refinery & Henan San Men Xia               | CHINA              | Gold     |
| Henan Sanmenxia Lingbao Jinyuan Mining Co., Ltd.           | CHINA              | Gold     |
| henan zhongyuan gold refinery co.                          | CHINA              | Gold     |
| Henan zhongyuan huangjin yelian chang youxian zeren gongsi | CHINA              | Gold     |
| Hengyang King Xing Lifeng New Materials Co., Ltd.          | CHINA              | Tantalum |
| Heraeus  | HONG KONG          | Gold     |
| Heraeus Germany  | GERMANY            | Gold     |

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| Heraeus Group  | UNITED STATES         | Gold     |
| Heraeus limited  | CHINA                 | Gold     |
| Heraeus Ltd Hong Kong  | CHINA                 | Tin      |
| Heraeus Ltd Hong Kong  | HONG KONG             | Gold     |
| Heraeus Materials Singapore Pte, Ltd.                          | SINGAPORE             | Tin      |
| Heraeus Materials Technology GmbH & Co. KG                     | GERMANY               | Tin      |
| Heraeus Oriental Hitec Co., Ltd.                               | KOREA,<br>REPUBLIC OF | Tin      |
| Heraeus Precious Metals  | CHINA                 | Gold     |
| Heraeus Precious Metals  | UNITED STATES         | Gold     |
| Heraeus Precious Metals GmbH & Co. KG                          | GERMANY               | Gold     |
| Heraeus Precious Metals North America                          | UNITED STATES         | Gold     |
| Heraeus Technology Center                                      | CHINA                 | Tin      |
| Heraeus Technology Center                                      | HONG KONG             | Tin      |
| Heraeus Zhaoyuan (Changshu) Electronic Material Co., Ltd.      | CHINA                 | Gold     |
| Heraeus Zhaoyuan Changshu Electronic Material Co.,Ltd          | CHINA                 | Tin      |
| High Quality Technology Co., Ltd                               | CHINA                 | Tin      |
| High-Power Surface Technology                                  | CHINA                 | Tin      |
| Hisikari Mine  | JAPAN                 | Gold     |
| Hitachi Cable  | JAPAN                 | Tin      |
| Hitachi Ltd  | JAPAN                 | Tungsten |
| Hi-Temp  | UNITED STATES         | Tantalum |
| HL Thorne  | UNITED<br>KINGDOM     | Tin      |
| Hon Hai  | TAIWAN                | Gold     |
| Hon Shen Co. Ltd   | TAIWAN                | Gold     |
| Honeywell Electronic Materials                                 | UNITED STATES         | Tin      |
| HonHai Precision Co., Ltd.                                     | TAIWAN                | Gold     |
| Honorable Hardware Craft Product Limited Company               | CHINA                 | Gold     |
| HUA ENG WIRE&CABLE CO.,LTD                                     | TAIWAN                | Tin      |
| Huaxi Guangxi Group  | CHINA                 | Tin      |
| Huichang Jinshunda Tin Co. Ltd                                 | CHINA                 | Tin      |
| Huichang Shun Tin Kam Industries, Ltd.                         | CHINA                 | Tin      |
| Hunan Chenzhou Mining Group Co                                 | CHINA                 | Tantalum |
| Hunan Chenzhou Mining Group Co., Ltd.                          | CHINA                 | Gold     |
| Hunan Chenzhou Mining Group Co., Ltd.                          | CHINA                 | Tungsten |
| Hunan Chun-Chang Nonferrous Smelting & Concentrating Co., Ltd. | CHINA                 | Tungsten |
| Huntington Alloys Corp   | UNITED STATES         | Tantalum |
| Hwasung CJ Co. Ltd   | KOREA,<br>REPUBLIC OF | Gold     |
| Hyundai-Steel  | KOREA,<br>REPUBLIC OF | Tin      |
| IBF IND Brasileira de Ferroligas Ltda                          | BRAZIL                | Tin      |
| IBF IND BRASILEIRA DE FERROLIGAS LTDA                          | BRAZIL                | Tin      |

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|---|---------------|----------|
| ICBC  | CHINA         | Gold     |
| IES Technical Sales   | UNITED STATES | Tungsten |
| IMLI  | INDONESIA     | Tin      |
| Imperial Zinc   | UNITED STATES | Tin      |
| In a high-tech co. , ltd.   | TAIWAN        | Tin      |
| Increasingly and Chemical (Suzhou) Co., Ltd.                          | CHINA         | Tin      |
| Increasingly and Chemical (Suzhou) Co., Ltd.                          | CHINA         | Tin      |
| Indonesia(Bangka)   | INDONESIA     | Tin      |
| Indonesian State Tin Corp   | INDONESIA     | Tin      |
| Indonesian state tin corporation                                      | INDONESIA     | Tin      |
| Indonesian Tin Ingot  | INDONESIA     | Tin      |
| In-house  |               | Tantalum |
| Inner Mongolia Qiankun Gold and Silver Refinery Share Company Limited | CHINA         | Gold     |
| Integrated Circuit  | Korea         | Tungsten |
| International Wire Group, Inc   | UNITED STATES | Tin      |
| IPS   | FRANCE        | Tin      |
| Ishifuku Metal Industry Co., Ltd.                                     | JAPAN         | Gold     |
| ISHIKAWA METAL CO.,LTD.   | JAPAN         | Tin      |
| ISLAND GOLD REFINERY  | CHINA         | Gold     |
| Istanbul Gold Refinery  | TURKEY        | Gold     |
| Izawa Metal Co., Ltd  | JAPAN         | Tungsten |
| Jada Electronic limited (JX Nippon Mining&Matel Co., Ltd)             | JAPAN         | Tantalum |
| Jada Electronic limited (JX Nippon Mining&Matel Co., Ltd)             | JAPAN         | Tungsten |
| Japan Mint  | JAPAN         | Gold     |
| Japan New Metals Co Ltd   | JAPAN         | Tantalum |
| Japan New Metals Co Ltd   | JAPAN         | Tungsten |
| Japan Pure Chemical   | JAPAN         | Gold     |
| JAU JANQ ENTERPRISE CO., LTD.   | TAIWAN        | Tin      |
| Jean Goldschmidt International  | BELGIUM       | Tin      |
| Jhonson Mattehey  | UNITED STATES | Gold     |
| Jia Lung Corp   | TAIWAN        | Gold     |
| Jiangxi Copper Company Limited  | CHINA         | Gold     |
| Jiangxi Gan Bei Tungsten Co., Ltd.                                    | CHINA         | Tungsten |
| Jiangxi Minmetals Gao'an Non-ferrous Metals Co., Ltd.                 | CHINA         | Tungsten |
| Jiangxi Nanshan   | CHINA         | Tin      |
| Jiangxi Rare Earth & Rare Metals Tungsten Group Corp                  | CHINA         | Tungsten |
| Jiangxi Rare Earth & Rare Metals Tungsten Group Corp                  | CHINA         | Tungsten |
| Jiangxi Rare Earth Metals Tungsten Group Corp.                        | CHINA         | Tantalum |
| Jiangxi Richsea New Materials Co., Ltd.                               | CHINA         | Tungsten |
| Jiangxi Tonggu Metallurgical & Chemical Co., Ltd.                     | CHINA         | Tungsten |
| Jiangxi Tungsten Industry Group Co Ltd                                | CHINA         | Tungsten |
| Jiangxi Xinsheng Tungsten Industry Co., Ltd.                          | CHINA         | Tungsten |

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| Jiangxi Yaosheng Tungsten Co., Ltd.                 | CHINA         | Tungsten |
| Jiangxi Yichun                                      | CHINA         | Tantalum |
| JiangxiShunda Huichang Kam Tin Co., Ltd.            | CHINA         | Tin      |
| Jie sheng   | CHINA         | Gold     |
| Jin Dong Heng                                       | CHINA         | Gold     |
| Jin Jinyin refining company limited                 | CHINA         | Gold     |
| Jin Tian  | CHINA         | Tin      |
| Jin Zhou  | CHINA         | Tin      |
| JinBao Electronic Co.,Ltd.                          | CHINA         | Gold     |
| Jinfeng Gold Mine Smelter                           | CHINA         | Gold     |
| JingDong Chemical Material                          | CHINA         | Tin      |
| Jinlong Copper Co., Ltd.                            | CHINA         | Gold     |
| JiuJiang JinXin Nonferrous Metals Co. Ltd.          | CHINA         | Tantalum |
| Jiujiang Tanbre Co., Ltd.                           | CHINA         | Tantalum |
| JNM,Mitsubishi Materials Corporation,Mitsubishi     | JAPAN         | Tungsten |
| Johnson Matthey HongKong Ltd.                       | CHINA         | Gold     |
| Johnson Matthey Inc                                 | UNITED STATES | Gold     |
| Johnson Matthey Limited                             | CANADA        | Gold     |
|   | RUSSIAN       |          |
| JSC Ekaterinburg Non-Ferrous Metal Processing Plant | FEDERATION    | Gold     |
|   | RUSSIAN       |          |
| JSC Uralelectromed                                  | FEDERATION    | Gold     |
| JU TAI INDUSTRIAL CO.,LTD.                          | CHINA         | Tin      |
| JX Nippon Mining & Metals Co., Ltd.                 | JAPAN         | Gold     |
| JX Nippon Mining & Metals Co., Ltd.                 | JAPAN         | Tantalum |
| Kai Union Industry and Trade Co., Ltd.              | CHINA         | Tin      |
| Kalas Wire  | UNITED STATES | Tin      |
| Kanfort Industrial (Yantai) Co. Ltd.                | CHINA         | Gold     |
| Kanto Denka Kogyo Co., Ltd.                         | JAPAN         | Tungsten |
| Kazzinc Ltd   | KAZAKHSTAN    | Gold     |
| Kee Shing   | HONG KONG     | Gold     |
| KEMET Blue Metals                                   | MEXICO        | Tantalum |
| Kemet Blue Powder                                   | UNITED STATES | Tantalum |
| KEMET Blue Powder                                   | UNITED STATES | Tantalum |
| Kennametal Fallon                                   | UNITED STATES | Tungsten |
| Kennametal Huntsville                               | UNITED STATES | Tungsten |
| Kennecott Utah Copper LLC                           | UNITED STATES | Gold     |
| Ketabang  | CHINA         | Tin      |
|   | UNITED        |          |
| Ketabang  | KINGDOM       | Tin      |
| Ketabang  | INDONESIA     | Tin      |
| Kewei Tin Co.,ltd                                   | CHINA         | Tin      |
| Kihong T&G  | INDONESIA     | Tin      |



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| King-Tan Tantalum Industry Ltd                        | CHINA                 | Tantalum |
| KOBA  | INDONESIA             | Tin      |
| Kojima Chemicals Co. Ltd                              | JAPAN                 | Gold     |
| KOKI COMPANY LIMITED                                  | JAPAN                 | Tin      |
| Korea Metal Co. Ltd                                   | KOREA,<br>REPUBLIC OF | Gold     |
| KOVHUTĚ PŘÍBRAM NÁSTUPNICKÁ, A.S.                     | CZECH<br>REPUBLIC     | Tin      |
| Kundur Smelter  | INDONESIA             | Tin      |
| Kunshan Jinli chemical industry reagents co.,Ltd.     | CHINA                 | Gold     |
| Kupol   | RUSSIAN<br>FEDERATION | Tin      |
| KYOCERA   | JAPAN                 | Gold     |
| KYOCERA   | JAPAN                 | Tungsten |
| KYORITSU GOKIN CO., LTD.                              | JAPAN                 | Tungsten |
| Kyrgyzaltyn JSC                                       | KYRGYZSTAN            | Gold     |
| L' azurde Company For Jewelry                         | SAUDI ARABIA          | Gold     |
| La Caridad  | MEXICO                | Gold     |
| Lai'bin China Tin Smelting Ltd.                       | CHINA                 | Tin      |
| Laibin Huaxi Smelter                                  | CHINA                 | Tin      |
| LBMA  | JAPAN                 | Gold     |
| Levitra can, Shenzhen Electronic Technology Co., Ltd. | CHINA                 | Tin      |
| LG-Nikko  | KOREA,<br>REPUBLIC OF | Gold     |
| LIFU PRECIOUS METALS COMPANY LIMITED                  | CHINA                 | Gold     |
| Lingao Gold   | CHINA                 | Gold     |
| Lingbao Gold Company Limited                          | CHINA                 | Gold     |
| Lingbao Jinyuan tonghu                                | CHINA                 | Tin      |
| Lingbao Jinyuan Tonghui Refinery Co. Ltd.             | CHINA                 | Gold     |
| LingbaoJinyuan tonghui                                | CHINA                 | Gold     |
| Linwu Xianggui Smelter Co                             | CHINA                 | Tin      |
| LINXENS   | FRANCE                | Gold     |
| LITTELFUSE  | UNITED STATES         | Gold     |
| Liuzhou China Tin                                     | CHINA                 | Tin      |
| LONDON BULLION MARKET ASSOCIATION                     | UNITED<br>KINGDOM     | Gold     |
| LSM Brasil S.A.                                       | BRAZIL                | Tantalum |
| LS-NIKKO Copper Inc.                                  | KOREA,<br>REPUBLIC OF | Gold     |
| Luoyang Kewei Molybdenum & Tungsten Co. LTD           | CHINA                 | Tantalum |
| Luoyang Zijin Yinhuai Metal Smelt Co Ltd              | CHINA                 | Gold     |
| LUPON ENTERPRISE CO., LTD                             | TAIWAN                | Tin      |
| M Hashida enterprises co. , ltd.                      | TAIWAN                | Tin      |
| Magnu's Minerais Metais e Ligas LTDA                  | BRAZIL                | Tin      |

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| Malaysia Aluminium & Alloy Sdn.Bhd                               | MALAYSIA              | Tin      |
| Malaysia Electronics Materials Sdn Bhd                           | MALAYSIA              | Gold     |
| Malaysia Smelting Corporation (MSC)                              | MALAYSIA              | Gold     |
| Malaysia Smelting Corporation (MSC)                              | MALAYSIA              | Tin      |
| Malipo Haiyu Tungsten Co., Ltd.                                  | CHINA                 | Tungsten |
| Materion   | UNITED STATES         | Gold     |
| Materion   | UNITED STATES         | Tantalum |
| Matheson Special Gas Production Co. Ltd of Korea- MGPK           | KOREA,<br>REPUBLIC OF | Tungsten |
| Matsuda Sangyo Co. Ltd   | JAPAN                 | Gold     |
| Matsuo Electric  | JAPAN                 | Tantalum |
| Matsuo solder Co., Ltd.  | JAPAN                 | Tin      |
| Matsushima metal Co., Ltd.                                       | JAPAN                 | Tin      |
| MCP Heck   | GERMANY               | Tin      |
| MCP Metal Specialist Inc.  | UNITED<br>KINGDOM     | Tin      |
| MCP Metal Specialist Inc.  | UNITED STATES         | Tin      |
| MCP Mining & Chemical Products Ltd. UK                           | UNITED<br>KINGDOM     | Tin      |
| Melt Metais e Ligas S/A  | BRAZIL                | Tin      |
| Meng neng  | CHINA                 | Tin      |
| Mentok Smelter   | INDONESIA             | Tin      |
| Metal Do   | JAPAN                 | Tantalum |
| Metal do   | JAPAN                 | Tungsten |
| METALLIC MATERIALS BRANCHL OF GUANGXI CHINA TIN GROUP<br>CO.,LTD | CHINA                 | Tin      |
| Metallic Resources Inc   | UNITED STATES         | Gold     |
| Metallic Resources Inc   | UNITED STATES         | Tin      |
| Metallo Chimique   | BELGIUM               | Gold     |
| Metallo Chimique   | BELGIUM               | Tin      |
| Metallo-Chimique   | BELGIUM               | Tantalum |
| Metallo-Chimique   | BELGIUM               | Tungsten |
| Metallurgical Products India (Pvt.) Ltd.                         | INDIA                 | Tantalum |
| Metalor Germany  | GERMANY               | Gold     |
| Metalor Technologies (Hong Kong) Ltd                             | HONG KONG             | Gold     |
| Metalor Technologies (Singapore) Pte. Ltd.                       | SINGAPORE             | Gold     |
| Metalor Technologies (Suzhou) Ltd.                               | CHINA                 | Gold     |
| Metalor Technologies (Sweden) AB                                 | SWEDEN                | Gold     |
| Metalor Technologies Japan                                       | JAPAN                 | Gold     |
| Metalor Technologies SA  | SWITZERLAND           | Gold     |
| Metalor Technologies Singapore Pte.Ltd                           | SINGAPORE             | Gold     |
| Metalor USA Refining Corporation                                 | UNITED STATES         | Gold     |
| Metalor USA Refining Corporation                                 | UNITED STATES         | Gold     |
| Meterion Advanced Materials Thin Film Products                   | UNITED STATES         | Tungsten |

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| Met-Mex Peñoles, S.A.                               | MEXICO        | Gold     |
| Micro 100   | UNITED STATES | Tungsten |
| Midwest Tungsten Wire Co.                           | UNITED STATES | Tungsten |
| Millard Wire  | UNITED STATES | Tin      |
| Mineracao Taboca S.A.                               | BRAZIL        | Gold     |
| Mineração Taboca S.A.                               | BRAZIL        | Tantalum |
| Mineração Taboca S.A.                               | BRAZIL        | Tin      |
| Ming Li Jia smelt Metal Factory                     | CHINA         | Tin      |
| Minmetals Ganzhou Tin Co. Ltd.                      | CHINA         | Tin      |
| Minmetals Ganzhou Tin Co. Ltd.                      | CHINA         | Tungsten |
| Minsur  | PERU          | Gold     |
| Minsur  | PERU          | Tin      |
| Minsur S.A. Tin Metal (&Mineração Taboca S.A.)      | UNITED STATES | Tin      |
| Mistubishi Materials Corporation                    | JAPAN         | Gold     |
| Mitsubishi Electric Metecs Co Ltd                   | JAPAN         | Tin      |
| Mitsubishi Material                                 | CHINA         | Tin      |
| Mitsubishi Materials                                | JAPAN         | Tungsten |
| Mitsubishi Materials Corporation                    | JAPAN         | Tantalum |
| Mitsubishi Materials Corporation                    | JAPAN         | Tin      |
| Mitsubishi Materials Corporation                    | JAPAN         | Tin      |
| Mitsui  | HONG KONG     | Gold     |
| Mitsui & Co Precious Metals Inc                     | JAPAN         | Gold     |
| Mitsui & Co. Precious Metals Inc. Hong Kong Branch  | China         | Gold     |
| Mitsui Mining & Smelting                            | JAPAN         | Tantalum |
| Mitsui Mining & Smelting Co., Ltd                   | JAPAN         | Tungsten |
| Mitsui Mining and Smelting Co., Ltd.                | JAPAN         | Gold     |
| Mitui kinzoku Co Ltd takehara seirenjyo             | JAPAN         | Gold     |
| MK electron   | KOREA,        |          |
| Molycorp Silmet A.S.                                | REPUBLIC OF   | Gold     |
| Morigin Company                                     | ESTONIA       | Tantalum |
|   | JAPAN         | Gold     |
|   | RUSSIAN       |          |
| Moscow Special Alloys Processing Plant              | FEDERATION    | Gold     |
| MSC   | MALAYSIA      | Tin      |
| MSC   | INDONESIA     | Tungsten |
| Multiple Xin precision metal electroplating factory | CHINA         | Tin      |
| N.E.Chemcat Corporation                             | JAPAN         | Gold     |
| NA  | UNITED STATES | Tungsten |
| Nadir Metal Rafineri San. Ve Tic. A.Ş.              | TURKEY        | Gold     |
| Nancang Metal Material Co.,Ltd                      | CHINA         | Tin      |
| Nanchang Cemented Carbide Limited Liability Company | CHINA         | Tantalum |
| Nanchang Cemented Carbide Limited Liability Company | CHINA         | Tungsten |
| Nanchang Cemeted Carbide Limited Liability Company  | CHINA         | Gold     |

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| <b>NANCHUANGSHENGHUA NON-FERROUS METAL ALLOY FACTORY</b>                          | <b>CHINA</b>         | <b>Gold</b>     |
| <b>Nankang Nanshan Tin Manufactory Co., Ltd.</b>                                  | <b>CHINA</b>         | <b>Tin</b>      |
| <b>Nantong Tongjie Electrical Co., Ltd</b>  | <b>CHINA</b>         | <b>Tantalum</b> |
| <b>Nathan Trotter &amp; Co</b>  | <b>UNITED STATES</b> | <b>Tin</b>      |
| <b>Nathan Trotter &amp; Co INC.</b>   | <b>PERU</b>          | <b>Tin</b>      |
| <b>Navoi Mining and Metallurgical Combinat</b>                                    | <b>UZBEKISTAN</b>    | <b>Gold</b>     |
| <b>NEC Tokin Electronics(Thailand)Co.,Ltd.</b>                                    | <b>THAILAND</b>      | <b>Tantalum</b> |
| <b>Newton, MA</b>   | <b>UNITED STATES</b> | <b>Tantalum</b> |
| <b>NGHE TIN NON-FERROUS METAL</b>   | <b>VIET NAM</b>      | <b>Tin</b>      |
| <b>Nihon Genma MFG Co., Ltd.</b>  | <b>THAILAND</b>      | <b>Tin</b>      |
| <b>Nihon Kagaku Sangyo Co., Ltd</b>   | <b>JAPAN</b>         | <b>Tin</b>      |
| <b>Nihon Material Co. LTD</b>   | <b>JAPAN</b>         | <b>Gold</b>     |
| <b>NIHON SUPERIOR CO.,LTD</b>   | <b>JAPAN</b>         | <b>Tin</b>      |
| <b>Niihama Nickel Refinery</b>  | <b>JAPAN</b>         | <b>Gold</b>     |
| <b>Ningbo Jintian copper (Group ) Company Limited</b>                             | <b>CHINA</b>         | <b>Tin</b>      |
| <b>NingHua XingLuoKeng TungSten Mining CO.,LID</b>                                | <b>CHINA</b>         | <b>Tungsten</b> |
| <b>NingHua XingLuoKeng TungSten Mining CO.,LTD</b>                                | <b>CHINA</b>         | <b>Tantalum</b> |
| <b>Ningxia Orient Tantalum Industry Co., Ltd.</b>                                 | <b>CHINA</b>         | <b>Tantalum</b> |
| <b>Ningxia Orient Tantalum Industry Co., Ltd.</b>                                 | <b>CHINA</b>         | <b>Tungsten</b> |
| <b>Nippon Filler Metals Ltd</b>   | <b>JAPAN</b>         | <b>Tin</b>      |
| <b>Nippon Micrometal Cop</b>  | <b>JAPAN</b>         | <b>Tungsten</b> |
| <b>Nippon Mining &amp; Metals Co.,Ltd.</b>  | <b>JAPAN</b>         | <b>Tantalum</b> |
| <b>Nippon Mining &amp; Mtetals</b>  | <b>JAPAN</b>         | <b>Gold</b>     |
| <b>NIPPON TUNGSTEN CO., LTD.</b>  | <b>JAPAN</b>         | <b>Tungsten</b> |
| <b>North American Tungsten</b>  | <b>CANADA</b>        | <b>Tungsten</b> |
| <b>North American Tungsten Corporation Ltd.</b>                                   | <b>CANADA</b>        | <b>Tungsten</b> |
| <b>Novosibirsk Integrated Tin Works</b>   | <b>RUSSIAN</b>       | <b>Tin</b>      |
| <b>NTET, Thailand</b>   | <b>FEDERATION</b>    | <b>Tin</b>      |
| <b>O.M. Manufacturing (Thailand) Co., Ltd.</b>                                    | <b>THAILAND</b>      | <b>Tantalum</b> |
| <b>O.M. Manufacturing Philippines, Inc.</b>                                       | <b>THAILAND</b>      | <b>Tin</b>      |
| <b>OGM</b>  | <b>PHILIPPINES</b>   | <b>Tin</b>      |
| <b>Ohio Precious Metals LLC.</b>  | <b>SINGAPORE</b>     | <b>Gold</b>     |
| <b>Ohura Precious Metal Industry Co., Ltd</b>                                     | <b>UNITED STATES</b> | <b>Gold</b>     |
| <b>OJSC “The Gulidov Krasnoyarsk Non-Ferrous Metals Plant” (OJSC Krastvetmet)</b> | <b>JAPAN</b>         | <b>Gold</b>     |
| <b>OJSC Kolyma Refinery</b>   | <b>RUSSIAN</b>       | <b>Gold</b>     |
| <b>OMG</b>  | <b>FEDERATION</b>    | <b>Gold</b>     |
| <b>OMSA</b>   | <b>RUSSIAN</b>       | <b>Gold</b>     |
| <b>Oxbow Metales Mèxico S. de R.L de C.V</b>                                      | <b>FEDERATION</b>    | <b>Gold</b>     |
| <b>P. Wu xiang gui mining &amp; smellding Co. , Ltd.</b>                          | <b>UNITED STATES</b> | <b>Tin</b>      |
| <b>PAMP SA</b>  | <b>BOLIVIA</b>       | <b>Tin</b>      |
|   | <b>BOLIVIA</b>       | <b>Tin</b>      |
|   | <b>CHINA</b>         | <b>Tin</b>      |
|   | <b>SWITZERLAND</b>   | <b>Gold</b>     |

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|---------------------------------------|-----------------------|----------|
| Pan Pacific Copper Co Ltd.            | JAPAN                 | Gold     |
| Penglai Penggang Gold Industry Co Ltd | CHINA                 | Gold     |
| Perth Mint                            | AUSTRALIA             | Gold     |
| PGMA                                  | CHINA                 | Tin      |
| PL Timah Tbk                          | INDONESIA             | Tin      |
| Plansee                               | AUSTRIA               | Tungsten |
| Plansee Group,Plansee Holding AG      | AUSTRIA               | Tantalum |
| Plansee SE Liezen                     | AUSTRIA               | Tantalum |
| Poongsan                              | KOREA,<br>REPUBLIC OF | Tin      |
| POONGSAN CORPORATION                  | KOREA,<br>REPUBLIC OF | Tin      |
| Posco                                 | KOREA,<br>REPUBLIC OF | Tin      |
| Praxair                               | UNITED STATES         | Tungsten |
| PRECIOUS METAL SALES CORP.            | UNITED STATES         | Gold     |
| Prioksky Plant of Non-Ferrous Metals  | RUSSIAN<br>FEDERATION | Gold     |
| PT Alam Lestari Kencana               | INDONESIA             | Tin      |
| PT Aneka Tambang (Persero) Tbk        | INDONESIA             | Gold     |
| 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 Putra Karya                 | 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 Citralogam                         | INDONESIA             | Tin      |
| PT DS Java Abada                      | INDONESIA             | Tin      |
| PT Eunindo Usaha Mandiri              | INDONESIA             | Tin      |
| PT Fang Di MulTindo                   | INDONESIA             | Tin      |
| PT HP Metals Indonesia                | INDONESIA             | Tin      |
| PT Indra eramulti Logam Industri      | INDONESIA             | Gold     |
| PT Indra Eramulti Logam Industri      | INDONESIA             | Tin      |
| PT Inti Stania Prima                  | INDONESIA             | Tin      |
| PT Karimun Mining                     | INDONESIA             | Tin      |
| PT Koba Tin                           | INDONESIA             | Tin      |
| PT Koba Tin                           | INDONESIA             | Gold     |
| PT Mitra Stania Prima                 | INDONESIA             | Tin      |
| PT Panca Mega Persada                 | INDONESIA             | Tin      |

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|-----------------------------------|---------------|----------|
| PT Pelat Timah Nusantara Tbk      | 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 Sumber Jaya Indah              | INDONESIA     | Tin      |
| PT Supra Sukses Trinusa           | INDONESIA     | Tin      |
| PT Tambang Timah                  | INDONESIA     | Gold     |
| PT Tambang Timah                  | INDONESIA     | Tin      |
| PT Timah (Persero), Tbk           | INDONESIA     | Tin      |
| PT Timah Nusantara                | INDONESIA     | Tin      |
| PT TIMERA                         | INDONESIA     | Tin      |
| PT Tinindo Inter Nusa             | INDONESIA     | Tin      |
| PT Tommy Utama                    | INDONESIA     | Tin      |
| PT Yinchendo Mining Industry      | INDONESIA     | Tin      |
| PT. Supra Sukses Trinusa          | INDONESIA     | Tin      |
| PT. TAMBANG TIMAH                 | INDONESIA     | Tin      |
| PT.DS JAYA ABADI                  | INDONESIA     | Tin      |
| PT.Indra Eramulti Logam Industri  | INDONESIA     | Tin      |
| Public Security Bureau (PSB)      | CHINA         | Gold     |
| Pure Technology                   | RUSSIAN       |          |
| PX Précinox SA                    | FEDERATION    | Tin      |
| QianDao Co. ,ltd                  | SWITZERLAND   | Gold     |
| Qualitek delta philippines        | CHINA         | Tin      |
| QuantumClean                      | PHILIPPINES   | Tin      |
| Rahman Hydraulic Tin Sdn Bhd      | UNITED STATES | Tantalum |
| Rand Refinery (Pty) Ltd           | MALAYSIA      | Tin      |
| RBT                               | SOUTH AFRICA  | Gold     |
| Realized the enterprise co.,ltd.  | INDONESIA     | Tin      |
| REDRING SOLDER (M) SDN BHD        | CHINA         | Gold     |
| REMELT SOURCES, INC.              | MALAYSIA      | Tin      |
| RFH Tantalum Smeltry Co., Ltd     | UNITED STATES | Tantalum |
| Rohm & Haas Elec. Mat'ls          | CHINA         | Tantalum |
| Rohm & Haas R&H Europe Trading AP | SINGAPORE     | Gold     |
| Rohm & Hass                       | GERMANY       | Tin      |
| Royal Canadian Mint               | CHINA         | Tin      |
| RST                               | CANADA        | Gold     |
| Rui Da Hung                       | GERMANY       | Tin      |
| Sabin                             | TAIWAN        | Tin      |
| Sabin Metal Corp.                 | UNITED STATES | Gold     |
| Saganoseki Smelter & Refinery     | UNITED STATES | Gold     |
|                                   | JAPAN         | Tungsten |

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| Samatron  | KOREA,                | Tin      |
| Samduck Precious Metals   | KOREA,<br>REPUBLIC OF | Gold     |
| Samhwa non-ferrorus Metal ind.co.ltd  | KOREA,<br>REPUBLIC OF | Tin      |
| Samtec  | UNITED STATES         | Tin      |
| SAMWON METALS Corp.   | KOREA,<br>REPUBLIC OF | Gold     |
| Sandong zhao jin bullion refinery ltd.  | CHINA                 | Gold     |
| Sandvik   | UNITED STATES         | Tungsten |
| Sandvik Material Technology   | SWEDEN                | Tungsten |
| Sanmenxia hang seng science and technology, research and development Co., LTD | CHINA                 | Gold     |
| Saxonia Edelmetallrecycling   | GERMANY               | Gold     |
| Schone Edelmetaal   | NETHERLANDS           | Gold     |
| SCHOOT  | GERMANY               | Gold     |
| Scotia Mocatta  | HONG KONG             | Gold     |
| ScotiaMocatta, The Bank of Nova Scotia  | UNITED STATES         | Gold     |
| SD(Samdok) Metal  | KOREA                 | Gold     |
| SEMPSA Joyería Platería SA  | SPAIN                 | Gold     |
| Sendi (Japan): Kyocera Corporation  | JAPAN                 | Tungsten |
| Senju Metal Industry Co Ltd   | JAPAN                 | Gold     |
| SENJU METAL INDUSTRY CO.,LTD.   | JAPAN                 | Tin      |
| Senjyu Metal Industry Co., Ltd.   | JAPAN                 | Tin      |
| Sewon Korea   | KOREA,<br>REPUBLIC OF | Gold     |
| SGS BOLIVIA S.A.  | BOLIVIA               | Tin      |
| Shan Tou Shi Yong Yuan Jin Shu Zai Sheng Co. Ltd.                             | CHINA                 | Tin      |
| Shandong Gold Mining (Laizhou),China's Shangdong Gold Mining Co.,Ltd          | CHINA                 | Gold     |
| ShanDong Huangjin   | CHINA                 | Gold     |
| Shandong Tiancheng Biological Gold Industrial Co.,Ltd.                        | CHINA                 | Gold     |
| Shandong Zhaojin Gold & Silver Refinery Co. Ltd                               | CHINA                 | Gold     |
| Shandong Zhaojinlifu  | CHINA                 | Gold     |
| Shangdong zhaoyuanzhaojin Company   | CHINA                 | Gold     |
| Shanghai Gold Exchange of qualified suppliers                                 | CHINA                 | Gold     |
| Shanghai Jiangxi Metals Co. Ltd   | CHINA                 | Tantalum |
| ShangHai YueQiang Metal Products Co., LTD                                     | CHINA                 | Tin      |
| Shao Xing Tian Long Tin Materials Co. LTD.                                    | CHINA                 | Tin      |
| Shen Mao Solder (M) Sdn. Bhd.   | MALAYSIA              | Tin      |
| Shen Zhen Thousand Island Ltd.  | CHINA                 | Gold     |
| SHENMAO TECHNOLOGY INC  | TAIWAN                | Tin      |
| Shenzhen blue bo industrial co. , ltd.  | CHINA                 | Tin      |
| SHENZHEN CHEMICALS & LIGHT INDUSTRY CO.,LTD.                                  | CHINA                 | Tin      |

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| Shenzhen fujun material technology co.,ltd                                 | CHINA                 | Gold     |
| Shenzhen Heng Zhong Industry Co.,Ltd.                                      | CHINA                 | Gold     |
| Shenzhen keaixin Technology  | CHINA                 | Tin      |
| SHENZHEN LIANFENG HARDWARE PLASTIC CO.,LTD-TIANLIANG<br>PLATING FACTORY?   | CHINA                 | Gold     |
| Shenzhen new jin spring solder products Co., LTD                           | CHINA                 | Tin      |
| SHENZHEN TIANCHENG CHEMICAL CO LTD   | CHINA                 | Gold     |
| ShenZhen urban pubic bureau of China                                       | CHINA                 | Gold     |
| Shenzhen Yi Cheng Industrial   | CHINA                 | Tin      |
| SHINKO ELECTRIC INDUSTRIES CO., LTD.                                       | JAPAN                 | Gold     |
| Sichuan Metals & Materials Imp & Exp Co                                    | CHINA                 | Tungsten |
| Sincemat Co, Ltd   | CHINA                 | Tungsten |
| Singapore LME Tin  | SINGAPORE             | Tin      |
| Sinitron, Shenmao Solder (M) Sdn. Bhd.                                     | MALAYSIA              | Tin      |
| SIP  | INDONESIA             | Tin      |
| SIZER METALS PTE LTD   | SINGAPORE             | Tin      |
| SKE (China): Shanghai Kyocera Electronics CO. LTD.                         | CHINA                 | Gold     |
| Smelter Not Listed   | INDONESIA             | Tin      |
| Smelter/Processor  | HONG KONG             | Gold     |
| SMIC SENJU MALAYSIA  | MALAYSIA              | Tin      |
| So Accurate Group, Inc.  | UNITED STATES         | Gold     |
| SOE Shyolkovsky Factory of Secondary Precious Metals                       | RUSSIAN<br>FEDERATION | Gold     |
| SOE Shyolkovsky Factory of Secondary Precious Metals<br>Soft Metals, Ltda. | Russian<br>Federation | Gold     |
| Sojitz   | BRAZIL                | Tin      |
| Solar  | JAPAN                 | Gold     |
| Solar Applied Materials  | TAIWAN                | Gold     |
| Solar Applied Materials Technology Corp.                                   | CHINA                 | Gold     |
| SOLDER COAT CO.,LTD.   | TAIWAN                | Gold     |
| Solikamsk Magnesium Works OAO  | JAPAN                 | Tin      |
| Soochow University's   | RUSSIAN<br>FEDERATION | Tantalum |
| Souzhou XingRui Noble  | CHINA                 | Gold     |
| Standard Bank  | CHINA                 | Gold     |
| Stender Electronic Materials Co., Ltd.                                     | HONG KONG             | Gold     |
| Stretti  | CHINA                 | Gold     |
| SUMISHO MATERIALS CORP.  | MALAYSIA              | Tin      |
| Sumitomo   | JAPAN                 | Gold     |
| Sumitomo   | CANADA                | Tungsten |
| Sumitomo Metal Mining Co., Ltd.  | CHINA                 | Tungsten |
| Sumitomo Metal Mining Co., Ltd.  | JAPAN                 | Gold     |
| Sumitomo Metal Mining Co., Ltd.  | JAPAN                 | Tantalum |
| Sumitomo Metal Mining Co., Ltd.  | JAPAN                 | Tungsten |



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| Sumitomo Metal Mining Co., Ltd.                           | PERU          | Gold     |
| SUN SURFACE TECHNOLOGY CO.,LTD                            | CHINA         | Tin      |
| Sunaga Tungsten   | JAPAN         | Tungsten |
| Sundwigger Messingwerk                                    | GERMANY       | Tin      |
| Suzhou HuaFu precious metals manufacturing Co., LTD       | CHINA         | Gold     |
| Suzhou Xingrui Noble                                      | CHINA         | Gold     |
| Suzhou Xingrui Noble                                      | CHINA         | Gold     |
| Suzuki Kikinzoku Kako K.K.                                | JAPAN         | Gold     |
| Sylham  | UNITED STATES | Tungsten |
| Taboca/Paranapanema                                       | BRAZIL        | Tin      |
| Taegutec  | KOREA,        |          |
| Taicang City Nancang Metal Meterial Co.,Ltd               | REPUBLIC OF   | Tungsten |
| Taiyo Nippon Sanso Trading (Shanghai) Co., LTD            | CHINA         | Tin      |
| Taizhou Chang San Jiao Electric Company                   | CHINA         | Tungsten |
| Taki Chemicals  | CHINA         | Gold     |
| Talison Minerals Pty Ltd                                  | JAPAN         | Tantalum |
| Talley Metals   | AUSTRALIA     | Tantalum |
| Tamano Smelter, Hibi Kyodo Smelting Co., Ltd              | UNITED STATES | Tantalum |
| Tamura  | JAPAN         | Tungsten |
| Tanaka Electronics  | JAPAN         | Tin      |
| Tanaka Kikinzoku Kogyo K.K.                               | CHINA         | Gold     |
| Tanaka Kikinzoku kogyo K.K.                               | JAPAN         | Gold     |
| Tantalite Resources                                       | JAPAN         | Tin      |
| TCC steel   | SOUTH AFRICA  | Tantalum |
| TDK   | KOREA,        |          |
| Technic Inc   | REPUBLIC OF   | Tin      |
| Tejing (Vietnam) Tungsten Co Ltd                          | JAPAN         | Tin      |
| Tejing (Vietnam) Tungsten Co Ltd                          | UNITED STATES | Gold     |
| Tejing Tungsten   | VIET NAM      | Tungsten |
| Telex   | VIETNAM       | Tantalum |
| TENNANT METAL PTY LTD.                                    | VIETNAM       | Tungsten |
| Thai Sarco  | UNITED STATES | Tantalum |
| Thai Solder Industry Corp.,Ltd.                           | AUSTRALIA     | Tin      |
| Thaisarco   | THAILAND      | Tin      |
| Thaisarco   | THAILAND      | Tin      |
| The Gold Smelter of Guangdong, Gao Yao He Tai Gold Mining | MALAYSIA      | Tin      |
| The Great Wall Gold and Silver Refinery of China          | THAILAND      | Tin      |
| The Hutti Gold Company                                    | CHINA         | Gold     |
| The Miller Company  | CHINA         | Gold     |
| The Refinery of Shandong Gold Mining Co. Ltd              | INDIA         | Gold     |
| THYSSENKRUPP VDM USA, INC                                 | UNITED STATES | Tin      |
|   | CHINA         | Gold     |
|   | UNITED STATES | Tantalum |

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|---|-----------------------|----------|
| TIANSHUI LONGBO BUSINESS & TRADE CO.,LTD.         | CHINA                 | Tin      |
| Tim Plating Gejiu                                 | CHINA                 | Tin      |
| TIMA  | INDONESIA             | Tin      |
| TIMAH   | CHINA                 | Tin      |
| Timah Company                                     | INDONESIA             | Gold     |
| Tin Products Manufacturing Co. Ltd.               | CHINA                 | Tin      |
| Tokuriki Honten (Stock)                           | JAPAN                 | Gold     |
| Tokuriki Honten Co., Ltd                          | JAPAN                 | Gold     |
| Tokuriki Tokyo Melters Assayers                   | JAPAN                 | Gold     |
| Tong Ding Metal Materials Co., Ltd.               | CHINA                 | Tin      |
| TongLing Nonferrous Metals Group Holdings Co.,Ltd | CHINA                 | Gold     |
| Torecom   | KOREA,<br>REPUBLIC OF | Gold     |
| Torecom   | KOREA,<br>REPUBLIC OF | Tantalum |
| Tosoh   | JAPAN                 | Tungsten |
| Tosoh   | UNITED STATES         | Tungsten |
| Toyo Smelter & Refinery, Japan                    | Japan                 | Gold     |
| Trafilerie Carlo Gnutti S.p.A.                    | ITALY                 | Tin      |
| Traxys  | FRANCE                | Tin      |
| Triumph Northwest                                 | UNITED STATES         | Tungsten |
| TYCO  | UNITED STATES         | Tin      |
| UBS AG  | SWITZERLAND           | Gold     |
| Ulba  | KAZAKHSTAN            | Tantalum |
| ULVAC, Inc.                                       | JAPAN                 | Tungsten |
| Umicore Brasil Ltda                               | BRAZIL                | Gold     |
| Umicore Galvanotechnik GmbH                       | GERMANY               | Gold     |
| Umicore Haboken                                   | BELGIUM               | Tin      |
| Umicore Precious Metals Thailand                  | THAILAND              | Gold     |
| Umicore SA Business Unit Precious Metals Refining | BELGIUM               | Gold     |
| Uniforce Metal Industrial Corp.                   | HONG KONG             | Gold     |
| Uniforce Metal Industrial Corp.                   | INDONESIA             | Tin      |
| UNIFORCE METAL INDUSTRIAL CORP.                   | TAIWAN                | Tin      |
| Unit Metalurgi PT Timah (Persero ) Tbk            | INDONESIA             | Tin      |
| Unit Timah Kundur PT Tambang                      | INDONESIA             | Tin      |
| United Precious Metal Refining, Inc.              | UNITED STATES         | Gold     |
| UNITED REFINING                                   | UNITED STATES         | Gold     |
| Univertical International (Suzhou) Co., Ltd       | CHINA                 | Tin      |
| UYEMURA   | UNITED STATES         | Gold     |
| Valcambi SA                                       | SWITZERLAND           | Gold     |
| Vietnam Youngsun Tungsten Industry Co., Ltd       | VIET NAM              | Tungsten |
| Vishay Intertechnology                            | CHINA                 | Tin      |
| VISHAY TANTALUM                                   | PANAMA                | Tantalum |

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| Voss Metals Company, Inc.                          | UNITED STATES         | Tungsten |
| W.C. Heraeus GmbH                                  | GERMANY               | Gold     |
| WALSIN   | TAIWAN                | Tin      |
| WAM Technologies Taiwan Co.,Ltd.,                  | TAIWAN                | Gold     |
| WAM Technologies Taiwan Co.,Ltd.,                  | TAIWAN                | Tantalum |
| WC Heraeus Hanau                                   | GERMANY               | Tin      |
| Well-Lin Enterprise Co Ltd                         | TAIWAN                | Tin      |
| Western Australian Mint                            | AUSTRALIA             | Gold     |
| Western Australian Mint trading as The Perth Mint  | AUSTRALIA             | Gold     |
| Westfalenzinn                                      | GERMANY               | Tin      |
| Westfalenzinn J. Josh KG                           | GERMANY               | Tin      |
| Westmetall GmbH & Co. KG                           | GERMANY               | Tin      |
| White Solder Metalurgia                            | BRAZIL                | Tin      |
| White Solder Metalurgia e Mineração Ltda.          | BRAZIL                | Tin      |
| Wieland AG   | GERMANY               | Tin      |
| WIELAND METALS SHANGHAI LTD.                       | CHINA                 | Gold     |
| Wilhelm Westmetall, Germany                        | GERMANY               | Tin      |
| Williams Brewster                                  | USA                   | Tungsten |
| Williams Bufalo                                    | USA                   | Gold     |
| WILLIAMS GOLD REFINING CO INC                      | UNITED STATES         | Gold     |
| WILLIAMS GOLD REFINING COMPANY                     | CANADA                | Gold     |
| Wind Yunnan Nonferrous Metals Co.,Ltd.             | CHINA                 | Tin      |
| Wolfram Bergbau und Hütten AG                      | AUSTRIA               | Tungsten |
| Wolfram Company CJSC                               | RUSSIAN<br>FEDERATION | Tantalum |
| Wolfram Company CJSC                               | RUSSIAN<br>FEDERATION | Tungsten |
| WOLFRAM INDUSTRIE mbH                              | GERMANY               | Tungsten |
| Wort Wayne Wire Die                                | UNITED STATES         | Tungsten |
| W-Si Target material                               |                       | Tungsten |
| Wu Xi Shi Yi Zheng Ji Xie She Bei Company          | CHINA                 | Tin      |
| Wuxi Lantronic Electronic Co Ltd                   | CHINA                 | Tin      |
| Wuxi Middle Treasure Materials                     | CHINA                 | Gold     |
| WUXI YUNXI SANYE SOLDER FACTORY                    | CHINA                 | Tin      |
| Xia Yi metal industry (unit) co. , ltd.            | CHINA                 | Tin      |
| Xiamen Golden Egret Special Alloy Co. Ltd.         | CHINA                 | Gold     |
| Xiamen Golden Egret Special Alloy Co. Ltd.,        | CHINA                 | Tungsten |
| Xiamen Honglu Tungsten Molybdenum Co., Ltd.        | CHINA                 | Tungsten |
| Xiamen Honglu Tungsten Molybdenum Industry Co.,Ltd | CHINA                 | Gold     |
| Xiamen Tungsten (H.C.) Co., Ltd.                   | CHINA                 | Tungsten |
| Xiamen Tungsten Co., Ltd                           | CHINA                 | Tungsten |
| Xiamen Tungsten Co., Ltd.                          | CHINA                 | Tantalum |
| XiHai  | CHINA                 | Tin      |

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| XIN WANG copper smelter  | CHINA                 | Tin      |
| Xinhai Rendan Shaoguan Tungsten Co., Ltd.  | CHINA                 | Tungsten |
| Xstrata,Xstrata Corporation,Canadian Copper Refinery   | CANADA                | Gold     |
| YAMAMOTO PRECIOUS METAL CO., LTD.  | JAPAN                 | Gold     |
| Yano Metal   | JAPAN                 | Tantalum |
| Yantai the country large Safina high-tech environmental Refinery Co. Ltd.  | CHINA                 | Gold     |
| Yantai Zhaojin Kanfort Precious Metals Co., Ltd.   | CHINA                 | Gold     |
| Ye Chiu Metal Recycling (China) Ltd.   | CHINA                 | Tin      |
| Ye Chiu Metal Smelting Sdn.Bhd   | MALAYSIA              | Tin      |
| Yichun Jin Yang Rare Metal Co., Ltd  | CHINA                 | Tantalum |
| Yifeng Tin Industry (Chenzhou) Co Ltd  | CHINA                 | Tin      |
| Yokohama Metal Co Ltd  | JAPAN                 | Gold     |
| Yoo Chang Metal  | KOREA,<br>REPUBLIC OF | Gold     |
| YTMM   | CHINA                 | Tin      |
| Yun Seok-group   | CHINA                 | Tin      |
| Yun Xi   | CHINA                 | Tin      |
| Yun'an Dian'xi Tin Mine  | CHINA                 | Tin      |
| Yunan Tin Products Manufacturing Co.,LTD.OF YTCL   | CHINA                 | Tin      |
| Yunnan Chengfeng Non-Ferrous Metals Co Ltd   | CHINA                 | Tin      |
| Yunnan Chengo Electric Smelting Plant  | CHINA                 | Tin      |
| Yunnan Copper Industry Co Ltd  | CHINA                 | Gold     |
| Yunnan metallurgical group co. , Ltd.  | CHINA                 | Tin      |
| Yunnan Metallurgical Group Co., Ltd  | CHINA                 | Gold     |
| Yunnan Tin   | CHINA                 | Tin      |
| Yunnan Tin Company Limited   | CHINA                 | Gold     |
| Yunnan Tin Company Limited   | CHINA                 | Tin      |
| Yunnan, China Rare Metal Materials Company   | CHINA                 | Tin      |
| Yuntinic Chemical GmbH   | CHINA                 | Tin      |
| YunXi  | CHINA                 | Tin      |
| YunXi  | GERMANY               | Tin      |
| Yun'xin Non-ferrous Electroanalysis Ltd.   | CHINA                 | Tin      |
| Yutinic Reources   | UNITED STATES         | Tin      |
| ZCCC,Zhuzhou Cemented Carbide,Zhuzhou,Zhuzhou Cemented Carbide Works Imp. & Exp. Co.,Chenzhou Diamond Tungsten Products Co. Ltd. | CHINA                 | Tungsten |
| Zhangyuan Tungsten Co Ltd  | CHINA                 | Tungsten |
| Zhangzhou Macro Real Non-Ferrous Metals  | CHINA                 | Tin      |
| Zhangzhou Xiangcheng Hongyu Building Co., Ltd.   | CHINA                 | Tin      |
| Zhao Yuan Jin Kuang  | CHINA                 | Gold     |
| Zhaojin Gold & Silver Refinery Co.,Ltd   | CHINA                 | Gold     |
| Zhaojin Gold Argentine Refining Company Limited  | CHINA                 | Gold     |

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| Zhaojin Group&Gold Mineral China Co., Ltd.                         | CHINA | Gold     |
| Zhaojin Kanfort Precious Metals Incorporated Company               | CHINA | Gold     |
| Zhaojin Mining Industry Co., Ltd.                                  | CHINA | Gold     |
| Zhaojin refining   | CHINA | Gold     |
| Zhaojin Zhaoyuan   | CHINA | Gold     |
| Zhaoyuan City, Shandong Province                                   | CHINA | Gold     |
| Zhaoyuan gold smelting co., LTD                                    | CHINA | Gold     |
| Zhe Jiang Guang Yuan Noble Metal Smelting Factory                  | CHINA | Gold     |
| ZHEJIANG HUANGYAN XINQIAN ELECTRICAL EQUIPMENT<br>FITTINGS FACTORY | CHINA | Tin      |
| Zhongkuang Gold Industry Limited Company                           | CHINA | Gold     |
| Zhongshan Public Security Bureau, Guangdong Province ,China        | CHINA | Gold     |
| ZHONGSHAN TIN-KING CO., LTD.                                       | CHINA | Tin      |
| ZhongShi   | CHINA | Tin      |
| Zhongyuan Gold Smelter of Zhongjin Gold Corporation                | CHINA | Gold     |
| Zhuhai Hongsheng Stannous Solder Manufacture Co.,Ltd               | CHINA | Tin      |
| Zhuhai Horyison Solder Co.,Ltd                                     | CHINA | Tin      |
| Zhuzhou Cement Carbide   | CHINA | Tantalum |
| Zhuzhou Cemented Carbide Group Co Ltd                              | CHINA | Tungsten |
| Zhuzhou,Zhuzhou Cemented Carbide Works Import and Export<br>Co.    | CHINA | Tantalum |
| Zi Jin Copper  | CHINA | Tin      |
| Zijin Kuang Ye Refinery  | CHINA | Gold     |
| Zijin Mining Group Co. Ltd   | CHINA | Gold     |
| Zuhai Horyison Solder Co.,Ltd.                                     | CHINA | Tin      |

### Caution Concerning Forward-Looking Statements

Certain statements in this report may be “forward-looking” within the meaning of the Private Securities Litigation Reform Act of 1995. Words such as “expects,” “future,” “plans,” and “intends,” and similar expressions are used to identify these forward-looking statements. Examples of forward-looking statements include statements relating to our future plans, and any other statement that does not directly relate to any historical or current fact. Forward-looking statements are based on our current expectations and assumptions, which may not prove to be accurate. Risks that may cause these forward-looking statements to be inaccurate include: failure to carry out these plans in a timely manner or at all; lack of cooperation or progress by our suppliers, their respective suppliers and smelters; or lack of progress by smelter or refiner validation programs for conflict minerals (including the possibility of inaccurate information, fraud and other irregularities). These statements are not guarantees and are subject to risks, uncertainties and changes in circumstances that are difficult to predict. Actual outcomes and results may differ materially from these forward-looking statements. As a result, these statements speak only as of the date they are made and we undertake no obligation to update or revise any forward-looking statement, except as required by federal securities laws.