负责任矿物采购报告

目录

1. 概述
2. 定义与术语
3. 合理的原产国调查(RCOI)
4. 无冲突披露
5. 尽职调查标准实施
6. 经合组织措施实施
7. 冶炼厂和精炼厂关键指标
8. 原产国和冶炼厂/炼厂名单

1. 概 述

三赢兴科技2011年于湖北通城创立，公司下辖八家子公司，有湖北通城、咸宁高新区、印度诺伊达三处生产基地和多处研发中心，共建有恒温恒湿、无尘防静电生产车间42000平方米。公司专注于光电摄像模组和生物识别模组，是一家集研发、生产和销售为一体的高新技术企业。公司业务主要分为五大板块，分别是精密手机摄像模组、生物识别模组、智能影像产品、车载影像模组和EMS终端产品，应用领域涵盖智能手机、笔记本电脑、生物识别、医疗影像、物联网、智能汽车、智慧交通、多媒体教学、人工智能等。

三赢兴除关注产品质量之外，还关注人权、环境保护、商业道德、健康和安全等问题。有关三赢兴的全面介绍，包括我们的产品、文化和新闻，请访问https://www.sunwingroup.com.cn/。

三赢兴利用负责任商业联盟(RBA)的项目来开展我们负责任的供应链采购工作。

该项目是国际公认的行业标准做法，并作为我们的冲突矿物项目的设计框架。 这份冲突矿物报告(CMRT、EMRT)未试图解释 RBA 计划的所有要素，但所有要素信息可以从以下链接 www.responsible lebusiness.org 获得。我们的专业披露是由内部环境部主管批准的。

报告日期范围为湖北三赢兴光电科技股份有限公司及其关联公司，以下简称“公司”或“我司”，2024年1月1日至12月31日。

2. 定义与术语

定义

冲突矿产是在刚果（金）及其周围国家和地区境内的锡矿、钨矿、钽矿、金矿和钴矿及他们的衍生物等稀有金属，云母及其衍生物开采已造成严重的人权与环境问题。这些地区的大部分采矿活动与冲突的武装组织有关（资助），导致该地区长期不稳定，所以被称为“冲突矿产”。

注：这些国家包括安哥拉、布隆迪、中非共和国、刚果共和国、卢旺达、南苏单、坦桑尼亚、乌干达、赞比亚；这些金属包括金（Au）、钽(Ta)、锡(Sn)、钨(W)、钴（Co）和云母。

术语

CMRT - Conflict Minerals Reporting Template 冲突矿产报告模板
EMRT - Extended Minerals Reporting Template 钴和云母报告模板
DRC - Democratic Republic of the Congo 刚果民主共和国
RBA - Responsible Business Alliance 负责任的商业联盟
(www.responsiblebusiness.org)

OECD - Organization for the Economic Cooperation and Development 经济合作与发展组织

RCOI - Responsible Country of Origin Inquiry (Survey / Ask) 产地来源调查(调查/询问)

RMAP - Responsible Minerals Assurance Process 负责矿物保证程序(RMAP)

RMI - Responsible Minerals Initiative 负责任倡议

SOR - Smelter or Refiner 冶炼厂或精炼厂

3TG - Tin, Tantalum, Tungsten & Gold

3. 合理的原厂国调查

众所周知，在电子行业的产品中，通常会使用含有冲突矿物的材料用于某些功能或生产此类产品，如FPC/IC/锡膏等。

我司进行了合理的原产地调查(RCOI)，以确定冲突矿物是否产自刚果民主共和国或所涉国家。我们使用冲突矿物报告模板(CMRT、EMRT)进行了调查。另外，我们通知供应商使用 CMRT 、EMRT 为他们的供应商做尽职调查。

在 RCOI 中，我们调查了 162 家可能与冲突相关矿产有关的材料供应商，得到了 100% 的回复率。核对报告的完整性、一致性问题。报告的原产国列在本报告的第8节。

4. 无冲突披露

为了避免使用不合格冶炼厂的冲突矿厂，我们对产品中的冲突矿产的来源进行了尽职调查，并按照要求创建了冲突矿报告(CMRT、EMRT)。从调查结果可以得出结论，我们确实实现 100% 的无冲突与报告。

5. 尽职调查标准实施

我司采用经合组织“对来自受冲突影响和高风险地区的矿产进行负责任供应链尽职调查”的指导方针。我司产品中使用的 3TG 实际上经历了一个多阶段的供应链，所以很难得到原 SOR 的真实情况。我们与各供应商签署了不使用冲突矿物声明，向供应商传达冲突矿物的管理要求，并要求供应商遵守规定的要求。即便如此，也很难得到确切的信息。从目前的情况来看，推动下游企业对其直接供应商建立内部控制是一种有效的方法。基于供应链的复杂性，在经合组织指导方针下，我司进行了 RCOI 跟踪到 SOR，我们的工作重点是识别和认证 SOR 的无冲突一致性。为了使结果尽可能准确，我司为 SOR 认证建立了业务流程和协议。

6. 参照经合组织措施

我司采取了以下措施，以遵守经合组织、多德-弗兰克法案和 RBA 的规定，防止使用不合格冶炼厂的冲突矿物。

6.1 建立强有力的管理体系

我们已经制定正式冲突矿物政策，并在以下网站进行了公布:https://www.sunwingroup.com.cn/ 我们建立了一套透明和控制供应链的体系，要求识别冲突矿物的来源。我们使用 CMRT、EMRT 与供应商进行冲突矿物调查，至少每年一次，找出材料中所有冲突矿物的来源，然后在 RBA 系统中

与合格的 SOR 进行比对。如果有不合格的 SOR，立即要求供应商更换 SOR。此外，我们每年都会组织供应商会议，向供应商宣传冲突矿产管理要求。如果供应商有任何问题，将在会议上讨论.

6.2 风险识别与评估

考虑到在确保无冲突过程中存在许多复杂的供应链风险,并且经合组织尽职调查指导也认识到下游企业识别上游的艰难,我司的目的是使用行业标准去了解我们供应链是否使用来自刚果民主共和国或邻近的国家的冲突矿物质。

关键的风险如下:

- 矿产商是否从刚果(金)采购矿石?
- 由复杂供应商的不同参与者提供 SOR 的信息是否准确?
- 即使我们的供应链中报告了 SOR，我们是否确定我们的产品中确实含有这些矿物质?

6.3 设计/实施应对策略

我司致力于通过实施以下措施来降低这些风险:

- SOR 认证

  我们继续使用 RMAP 程序以确保只有无冲突的 SOR。
- SOR 废止

  项目状态:一旦发现不合格的 SOR，SOR 需要尽快更换。
- 外部公开

  公开负责任的矿物质采购政策。
- 经合组织尽职调查指南

我司将继续遵守指南的意见，采取措施将框架整合到我们的管理体系中，并确保指南的最广泛传播出去。

6.4 公开尽职调查报告

如上所述，我司公开发布我们的尽职调查政策和实践成果。本报告可在 https://www.sunwingroup.com.cn/下载。

我司将在 2025 年采取进一步措施，改善负责任的矿产资源的管理状况，加大我们的 SOR 参与力度，关注存在不更新风险的 SOR，鼓励尚未接受审计的 SOR。

7. SOR的关键指标

通过尽职调查，我司已经确定了我司供应链中的所有 SOR，详情如下。

Conflict Mineral	Total SOR	Conformant	Active	Out-Reach In-Comms	% Conformant
Ta – Tantalum 钽	12	12	0	0	100%
S – Tin 锡	38	38	0	0	100%
W – Tungsten 钨	23	23	0	0	100%
Au – Gold 金	40	40	0	0	100%
Cobalt 钴	28	28	0	0	100%

Mica 云母	4	4	0	0	100%
Overall	145	145	0	0	100%

其他的关键数据

- 供应商 CMRT、EMRT 回复率: 100%
- 超过 96% 的供应商使用 CMRT、EMRT 对其下级供应商进行调查，要求供应链无冲突矿产并调查 SOR 名称。

8. SOR清单

以下是在我们的供应链中确定的 SOR 列表。

应该注意的是，一些列出的 SOR 可能不在我司产品中。事实上，有一些是我们供应商的产品。此外，清单中的任何不准确或遗漏并不是我司的责任，因为由于复杂和动态的过程，很难获得精确的清单。

我司不对该清单作出任何声明或保证。该清单是按“现状”和“现有”的原则提供的。我司特此否认任何性质的、明示的、暗示的或其他的或由贸易或风俗引起的任何保证，包括但不限于关于适销性、非侵权、质量、所有权、特定目的的适用性、完整性或准确性的任何暗示保证。

我司 3TG Smelter List：

Conformant Smelters

Metal	Smelter	Country
Tungsten	A.L.M.T. Corp.	JAPAN
Gold	Advanced Chemical Company	UNITED STATES OF AMERICA
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Agosi AG	GERMANY
Gold	Almalyk Mining and Metallurgical Complex (AMMC)	UZBEKISTAN
Gold	AngloGold Ashanti Corrego do Sitio Mineracao	BRAZIL
Gold	Argor-Heraeus S.A.	SWITZERLAND
Gold	Asahi Pretec Corp.	JAPAN
Gold	Asaka Riken Co., Ltd.	JAPAN
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN

Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Gold	Chimet S.p.A.	ITALY
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Gold	Chugai Mining	JAPAN
Tantalum	Guangdong Rising Rare Metals-EO Materials Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Dowa	JAPAN
Tin	Dowa	JAPAN
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Germany GmbH Co. KG	GERMANY

Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
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	Japan Mint	JAPAN
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Tin	China Tin Group Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
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
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tin	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Gold	Mitsubishi Materials Corporation	JAPAN
Tin	Mitsubishi Materials Corporation	JAPAN
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Gold	MKS PAMP SA	SWITZERLAND
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA

Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Timah Nusantara	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Gold	Royal Canadian Mint	CANADA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tin	Thaisarco	THAILAND
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Tokuriki Honten Co., Ltd.	JAPAN

Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	SAFINA A.S.	CZECHIA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA

Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tantalum	KEMET de Mexico	MEXICO
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIET NAM
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tin	CV Ayi Jaya	INDONESIA
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS

Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tin	PT Rajehan Ariq	INDONESIA
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Tin	Super Ligas	BRAZIL
Gold	Italpreziosi	ITALY
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	PT Bangka Prima Tin	INDONESIA
Gold	WIELAND Edelmetalle GmbH	GERMANY
Tin	PT Sukses Inti Makmur (SIM)	INDONESIA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES
Tin	PT Menara Cipta Mulia	INDONESIA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tin	HuiChang Hill Tin Industry Co., Ltd.	CHINA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	PT Bangka Serumpun	INDONESIA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA

Tin	PT Rajawali Rimba Perkasa	INDONESIA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tungsten	Cronimet Brasil Ltda	BRAZIL
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Gold	WEEEREFINING	FRANCE
Gold	Gold by Gold Colombia	COLOMBIA
Tin	DS Myanmar	MYANMAR
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tungsten	Tungsten Vietnam Joint Stock Company	VIET NAM
Gold	Coimpa Industrial LTDA	BRAZIL
Tantalum	PowerX Ltd.	RWANDA
Tin	Mining Minerals Resources SARL	CONGO, DEMOCRATIC REPUBLIC OF THE
Tungsten	Lianyou Resources Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tin	Takehara PVD Materials Plant / PVD Materials Division of MITSUI MINING & SMELTING CO., LTD.	JAPAN
Tungsten	Shinwon Tungsten (Fujian Shanghang) Co., Ltd.	CHINA

负责任矿物采购报告

Tin	Malaysia Smelting Corporation Berhad (Port Klang)	MALAYSIA
Gold	GG Refinery Ltd.	TANZANIA, UNITED REPUBLIC OF

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负责任矿物采购报告

Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Gold	Aurubis AG	GERMANY
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden Ronnskar	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Gold	Chimet S.p.A.	ITALY
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Gold	Chugai Mining	JAPAN
Tin	Alpha	UNITED STATES OF AMERICA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA
Gold	DSC (Do Sung Corporation)	KOREA, REPUBLIC OF
Gold	Dowa	JAPAN
Tin	Dowa	JAPAN

负责任矿物采购报告

Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Tin	EM Vinto	BOLIVIA (PLURINATIONAL STATE OF)
Tin	Estanho de Rondonia S.A.	BRAZIL
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders LLC	UNITED STATES OF AMERICA
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Gold	LT Metal Ltd.	KOREA, REPUBLIC OF
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Metals Hong Kong Ltd.	CHINA
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
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	Japan Mint	JAPAN

负责任矿物采购报告

Tungsten	Japan New Metals Co., Ltd.	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asahi Refining Canada Ltd.	CANADA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Tin	China Tin Group Co., Ltd.	CHINA
Tantalum	AMG Brasil	BRAZIL
Gold	LS MnM Inc.	KOREA, REPUBLIC OF
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA

Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
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
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tin	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Gold	Mitsubishi Materials Corporation	JAPAN
Tin	Mitsubishi Materials Corporation	JAPAN
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	NPM Silmet AS	ESTONIA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	Nihon Material Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA

负责任矿物采购报告

Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Tin	Operaciones Metalurgicas S.A.	BOLIVIA (PLURINATIONAL STATE OF)
Gold	MKS PAMP SA	SWITZERLAND
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa	INDONESIA
Tin	PT Tommy Utama	INDONESIA

Gold	PX Precinox S.A.	SWITZERLAND
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Gold	Royal Canadian Mint	CANADA
Tin	Rui Da Hung	TAIWAN, PROVINCE OF CHINA
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Solar Applied Materials Technology Corp.	TAIWAN, PROVINCE OF CHINA
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Tantalum	Taki Chemical Co., Ltd.	JAPAN
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tin	Thaisarco	THAILAND
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	Torecom	KOREA, REPUBLIC OF

负责任矿物采购报告

Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	SAFINA A.S.	CZECHIA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA

负责任矿物采购报告

Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Magnu's Minerais Metais e Ligas Ltda.	BRAZIL
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA

负责任矿物采购报告

Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tantalum	KEMET de Mexico	MEXICO
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Masan High-Tech Materials	VIET NAM
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tin	CV Ayi Jaya	INDONESIA
Gold	T.C.A S.p.A	ITALY
Gold	REMONDIS PMR B.V.	NETHERLANDS

负责任矿物采购报告

Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Gold	Korea Zinc Co., Ltd.	KOREA, REPUBLIC OF
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Tin	Super Ligas	BRAZIL
Gold	L'Orfebre S.A.	ANDORRA
Gold	Italpreziosi	ITALY
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	PT Bangka Prima Tin	INDONESIA
Gold	WIELAND Edelmetalle GmbH	GERMANY
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Tin	PT Sukses Inti Makmur (SIM)	INDONESIA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES

负责任矿物采购报告

Tin	PT Menara Cipta Mulia	INDONESIA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Gold	SungEel HiMetal Co., Ltd.	KOREA, REPUBLIC OF
Gold	Planta Recuperadora de Metales SpA	CHILE
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Gold	NH Recytech Company	KOREA, REPUBLIC OF
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	PT Bangka Serumpun	INDONESIA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	PT Rajawali Rimba Perkasa	INDONESIA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Yunnan Yunfan Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN, PROVINCE OF CHINA
Tin	Precious Minerals and Smelting Limited	INDIA
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Tin	PT Mitra Sukses Globalindo	INDONESIA

负责任矿物采购报告

Tungsten	Cronimet Brasil Ltda	BRAZIL
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Gold	WEEEREFINING	FRANCE
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Tin	PT Rajehan Ariq	INDONESIA

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