



ACER INCORPORATED 2022 RESPONSIBLE MINERALS REPORT

Introduction

Acer has had a long-standing commitment to ensuring the responsible sourcing of minerals in its supply chain. Our journey began in 2009, when Acer first engaged its suppliers to determine the source of conflict minerals. Shortly after that, Acer joined the Responsible Minerals Initiative (RMI) and was involved in the pilot of the first version of the Conflict Minerals Reporting Template (CMRT) and supported the development of the Responsible Minerals Assurance Process (RMAP). In 2014, Acer released its first conflict minerals report and later that year joined the Public-Private Alliance for Responsible Minerals Trade (PPA) to help support in-region programs that seek to develop minerals tracing systems and spur economic development. For the past two years, Acer has achieved its goal of having 100% of its 3TG SORs conformant or participating in an OECD-aligned 3rd party assessment program. For more information, please visit Acer's [Responsible Minerals Program](#).

Acer has developed this RMR, covering the period from January 1 to December 31 of 2022, for the purpose of describing our due diligence efforts on the source and chain of custody of the gold, columbite-tantalite (coltan), cassiterite, wolframite, tantalum, tin, and tungsten (collectively referred to as "3TG") contained in our products that we have reason to believe may have originated from the Democratic Republic of the Congo ("DRC") or an adjoining country (collectively defined as the "Covered Countries") and may not have come from recycled or scrap sources. In addition, this report includes a description of our due diligence efforts to address cobalt in the lithium-ion battery supply chain and mica in coatings, which was added to the program in 2021. All have been determined to originate from CAHRAs or other areas deemed to be high risk to Acer. Cobalt, mica, and 3TG have all been identified by Acer to be priority minerals.

Throughout the report, various terms will be used to describe the minerals due diligence programs for Acer. The term "responsible minerals" generally refers to Acer's minerals due diligence programs. The term "priority minerals" includes minerals that Acer has determined to exist in its supply chain and have a risk of originating from CAHRAs, and finally, "conflict minerals", which refers specifically to the portion of our program and activities related to the sourcing of 3TG from the DRC.

Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,700 employees are dedicated to the research, design, marketing, sale, and support of

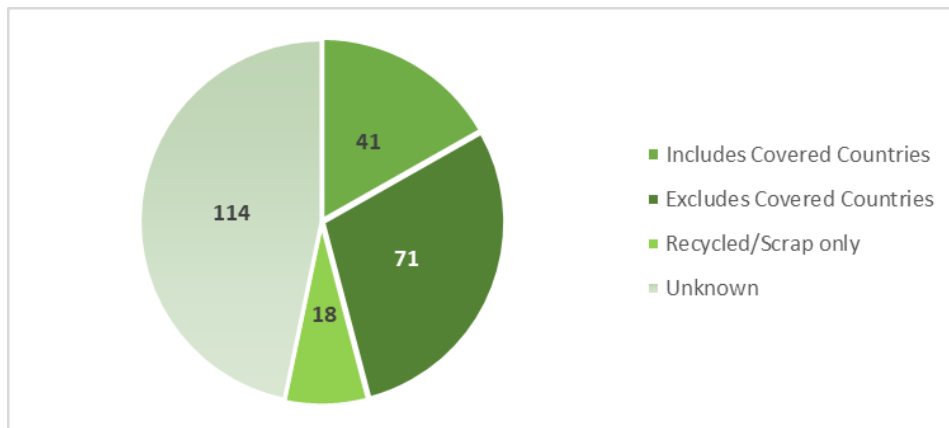
products and solutions that break barriers between people and technology. Please visit www.acer-group.com for more information.

Reasonable Country of Origin Inquiry (RCOI)

For Conflict Minerals, Acer conducted a reasonable country of origin inquiry (RCOI) that employed a combination of measures to determine whether the necessary 3TG in Acer’s products originated from the Covered Countries. As a member of the RMI, Acer’s primary means of determining country of origin of necessary 3TG was by conducting a supply-chain survey with direct suppliers using the CMRT. The smelters or refiners (SORs) that were identified as part of this supply chain survey were compared to the list of known SORs that is maintained by the RMI and those that have had their mines of origin verified by an OECD-aligned 3rd party assessment program such as the RMAP, London Bullion Market Association’s *Responsible Gold Programme* (LBMA), or Responsible Jewelry Council’s *Chain-of-Custody Certification Program* (RJC) and made available to RMI members.

When country of origin is unable to be determined from the validation programs mentioned above, Acer turns to other forms of due diligence to conduct its RCOI. This includes direct contact with the SORs, review of outreach and due diligence efforts by industry-led programs, such as the RMI, or outreach results shared by Acer’s direct suppliers. In 2022, Acer was able to identify 244 3TG SORs in its supply chain. Out of 244 total SORs, RCOI information was available for 137 through validation by the RMAP or the other sources utilized by Acer, leaving 114 that remain unknown. The results of Acer’s RCOI are provided in Figure 1.

Figure 1: Reasonable Country of Origin Inquiry



Due to the results of its RCOI, Acer has reason to believe that in some cases, its necessary 3TG may have originated in the DRC or Covered Countries and that they may not be from recycled or scrap sources. Consequently, Acer has exercised due diligence on the source and chain of custody of its necessary 3TG that conforms to a nationally or internationally recognized due diligence framework and describes those activities in this RMR.

Design of Acer's Due Diligence Measures

Acer developed and implemented a responsible minerals due diligence program to help protect human rights, avoid contributing to conflict, and to minimize social/economic and environmental risks when sourcing any priority minerals. Acer designed and continues to implement its due diligence measures in accordance with the internationally recognized due diligence framework in the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas ("OECD Guidance") and related Supplements for each of the minerals as they relate to downstream companies in the supply chain.

As a brand company, Acer's supply chain has multiple tiers between the company and the mines. Acer does not purchase raw ore or unrefined 3TG or other priority minerals, and does not directly purchase materials in the DRC, Covered Countries, or other CAHRAs. The origin of 3TG and other priority minerals cannot be determined with any certainty once the raw ores are smelted, refined, and converted to ingots, bullion or other mineral containing derivatives. The SORs are consolidating points for raw ore and are in the best position in the supply chain to know the origin of the ores. Our supplier engagement includes the suppliers with which Acer has a direct relationship and has influence over purchasing decisions. These suppliers are considered first tier and we rely on them to help us identify and assess the risk in the supply chain and provide information on the SORs that supply the priority minerals contained in our products. We also require our first-tier suppliers to pass on Acer's requirements regarding responsible minerals sources and chains of custody to their own suppliers. In this manner, we work to promote responsible sourcing across our direct and indirect supply chains.

Acer's due diligence includes the following elements of the 5-Step OECD Framework:

1. Establish strong company management systems;
Adopt and commit to a supply chain policy for identifying and managing risks, structure internal management systems to support supply chain due diligence, establish a system of controls and transparency over the supply chain, strengthen company engagement with suppliers, and establish a grievance mechanism.
2. Identify and assess risks in the supply chain;
Identify the SORs in the supply chain, identify the scope of the risk assessment of the mineral supply chain, assess whether the SORs have carried out all elements of due diligence, and where necessary, carry out joint spot checks at the mineral SOR's own facilities.
3. Design and implement a strategy to respond to identified risks;
Report findings to designated senior management, devise and adopt a risk management plan, implement the risk management plan, monitor and track performance of risk mitigation, report back to designated senior management and consider suspending or discontinuing engagement with a supplier after failed attempts at

mitigation, and undertake additional fact and risk assessments for risks requiring mitigation or after a change of circumstances.

4. Carry out independent third-party audit of smelter/refiner's due diligence practices;
Plan an independent third-party audit of the SOR's due diligence.
5. Report annually on supply chain due diligence.
Annually report or integrate, where practicable, into annual sustainability or corporate responsibility reports, additional information on due diligence.

Description of Due Diligence Measures Performed

During the reporting period, Acer performed the following due diligence measures:

1. Established strong company management systems
 - Continued support of the cross-functional Responsible Minerals Program Management Team that includes oversight by senior staff to manage all aspects of Acer's responsible minerals due diligence program. The management team includes Purchasing, Supply Chain Management, Product Management, Legal and the Environmental, Social, and Governance group.
 - Re-developed the internal data management and reporting system (Acer Responsible Supply Chain Management System – ARSM) to increase the ease of use and to enable efficiencies for Acer and its supply chain during supply chain data transfer, supplier engagement and capacity building, and the identification and mitigation of risks.
 - Continue to maintain a publicly available responsible minerals policy that provides overall guidance to Acer's responsible minerals program and outlines Acer's commitments during the sourcing of minerals (policy [available on Acer's sustainability website](#)).
 - Revised Acer's Responsible Minerals Procedure and Risk Management plan to update activities associated with ongoing improvements to Acer's data management system and updates to industry tools and continued improvement of supply chain data.
 - Continued to maintain and monitor a grievance mechanism via whistleblower.acer@acer.com to be used specifically by any interested party (e.g. affected person or whistleblower) to raise concerns regarding business conduct in Acer's supply chain, including in relation to the extraction and supply of minerals.
 - Continued to provide capacity building through our annual supplier ESG communication meeting and added functionality to the ARSM system to enable capacity building materials distribution and notifications. Acer provided follow-up training on the ARSM system, updated expectations on achieving program goals, and the global trend to all of the internal personnel with responsibility

over responsible minerals program activities as well as all of the 1st tier suppliers over which Acer has direct influence.

2. Identify and assess risks in the supply chain

- Conducted Acer's annual conflict minerals survey, requesting information on 3TG sourcing in Acer's supply chain using the CMRT and received 100% direct supplier response rate.
- Conducted Acer's annual cobalt and mica survey using the RMI Extended Minerals Reporting Template (EMRT). Acer's lithium-ion battery, hard drive, and final assembly suppliers were surveyed for cobalt and we received a 100% response rate. Acer surveyed its final assembly manufacturers for mica from coatings suppliers and also received a 100% response rate.
- Consolidated the supplier survey responses for 3TG, cobalt, and mica and compared the results with the RMI known SOR lists and the RMAP to verify true SORs, SOR status, mines of origin, and conflict-free status for 3TG.
- Shared lists of 3TG, cobalt, and mica SORs with the RMI to assist the RMI with maintaining an up-to-date list of current SORs.
- Acer continues to conduct audits to verify the presence of an implemented due diligence program, including the existence of their own conflict or responsible minerals policies, evidence of the design and implementation of supply chain due diligence program that includes a risk management plan to identify and mitigate risks, and existence of conflict or responsible minerals reporting. In 2022, Acer audits did not result in any findings.
- Acer continued using the Standards Comparison and Risk Readiness Assessment (RRA) tool offered through the Responsible Business Alliance (RBA). The tool allows Acer to compare suppliers' performance across many different standards, initiatives and certifications, improving our ability to assess and manage risk in our minerals supply chain. Acer continues to request that the SORs in its supply chain register in the RRA system and complete and share the RRA results with us. At the time of the writing of this report, Acer has received RRAs from 100 SOR facilities.

3. Design and implement a strategy to respond to identified risks

- Improved the effectiveness of our supplier engagement and feedback process through the further refinement of our internal data management system to enable more effective supplier engagement.
- Continued direct participation in the RMI's Smelter Engagement Team by conducting research on global alleged smelters to help determine if they meet the definition of smelters and if they are eligible for the RMAP program.
- Continued engaging SORs directly for both 3TG, cobalt, and mica to encourage participation in the RMAP and to provide pressure on SORs to remain engaged in the program.
- Following the submissions of their CMRTs and EMRTs to Acer, suppliers continue to receive the "Smelter Action Required List", which is required to be completed as soon as possible. The suppliers

are requested to review the actions required list, taking actions to engage their smelters, and provide an updated report through the ARSM platform. For those suppliers that don't respond with the required actions, the issue is escalated to Acer Purchasing for them to discuss the pending actions with the suppliers.

- Continued our practice from last year of engaging suppliers to provide plans to address high risk SORs and to demand that suppliers cease sourcing materials from certain high risk SORs that have chosen not to participate in the RMAP over the long term or have allowed their conformant status to lapse. During the 2022 reporting cycle, Acer identified 29 SORs that fit this high-risk category and have directed that they are removed from Acer's supply chain. Since the start of Acer's responsible minerals program, Acer has requested the removal of 61 high-risk SORs.
- Continued to measure conflict minerals key performance indicators (KPIs) within Acer's supplier ESG scorecard to minimize risk by driving better due diligence and reporting within the supply chain. The majority of Acer suppliers fall into the "good" category. Most of the suppliers that need improvement are due to late submission of their reporting templates. A summary of the results of our supplier CSR scorecards is provided in Table 1.

Table 1: ESG Scorecard Results

Score Category	Score	Suppliers
Needs Improvement	6 - 8	20%
Good	9 - 10	80%

- Continued reviewing the Minerals Grievance Platform to identify potential issues that may exist in Acer's supply chain and to support mitigation where applicable. Received guidance on the results of the platform and steps members can take to address grievances as necessary.
4. Carry out independent third-party audit of smelter/refiner's due diligence practices
 - Continued support of the RMAP (member ID: ACER) as an active member of the RBA.
 5. Report annually on supply chain due diligence
 - Published an updated list of known SORs (3TG, cobalt, and mica) that have been identified in Acer's supply chain as a result of its due diligence measures (see Appendix B).
 - Reported on Acer's supply chain due diligence via this RMR.

In-Region Clean Minerals Trade

Acer continues to believe that projects and organizations that seek to boost economic development, help stabilize the Great Lakes Region, as well as develop systems that feed into the RMAP tools and processes are essential. In addition, Acer realizes that mining is an intensive process involving social and environmental risks that must be managed and involves metals and minerals that extend beyond 3TG and the DRC. As a result, Acer follows and/or supports the organizations below.

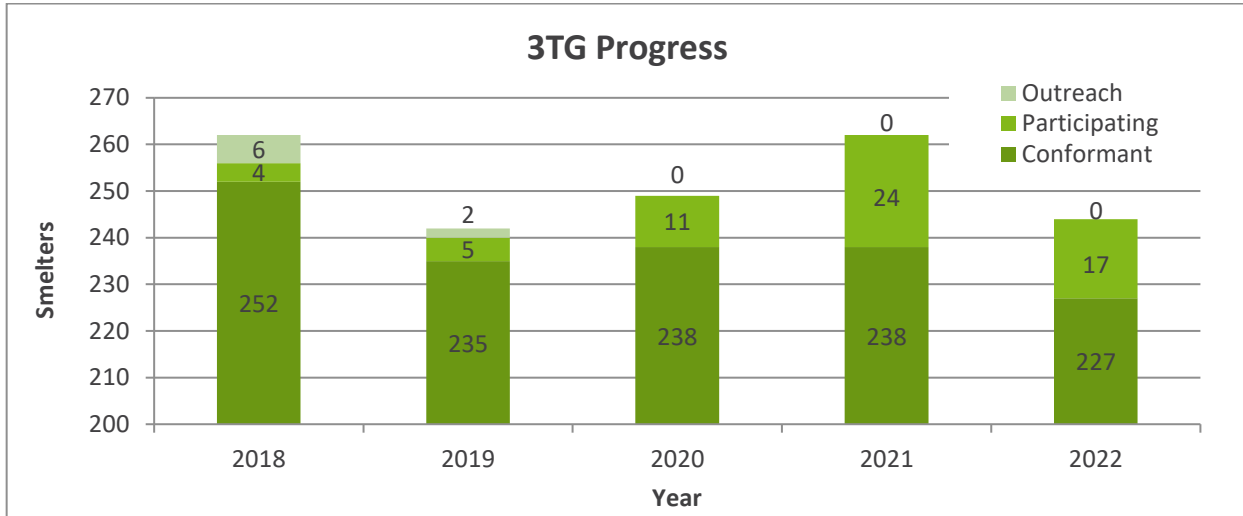
- Monitors the activities of the *ICGLR-OECD-UN Joint Forum on Responsible Mineral Supply Chains* to learn about experiences with regards to implementing the OECD Guidance and opportunities to contribute to in-region programs.
- Acer continued its involvement in the PPA, a multi-sector and multi-stakeholder advocacy group that aims to publicize the issue of conflict minerals in the Democratic Republic of the Congo and the African Great Lakes Region and propose supply chain solutions. In October of 2022, Acer attended the annual multi-stakeholder membership meeting, which was held in a hybrid model due to the easing impacts of Covid-19. A total of 45 members met in-person and virtually to learn about and discuss the outcomes of the PPA's work in 2022, celebrated the soft launch of the next phase of the PPA, heard findings and takeaways from recent PPA grantee activities, learned of opportunities to work in tandem with the U.S. Government initiatives around a just energy transition, and engaged in horizon-scanning to inform 2023 work planning. The Secretariat shared a proposed PPA Next Generation MOU with organizations seeking re-enrollment to support early coordination with legal teams and other relevant personnel. Acer has expressed its interest in joining the next phase MOU for 2022-2027.

Results of Due Diligence Measures

As a result of its due diligence measures in 2022, Acer was able to identify 244 unique 3TG, 62 cobalt, and 6 mica SORs in its supply chain that it has reason to believe are legitimate SORs. Acer based this decision on the information received through the consolidation of its supplier survey responses and industry information made available to it through its RMI membership and working group participation.

For the 2022 reporting year, Acer is also providing an update to its progress year-over-year (Figures 2, 3, & 4), which includes the historical results for 3TG, cobalt, mica, and individual metal performance for the current reporting year (Figure 5). All charts include the SOR status as of December 31, 2022 and clearly show the sustained progress Acer has made as a result of its due diligence efforts.

Figure 2: 3TG Progress



*Status is defined as follows:

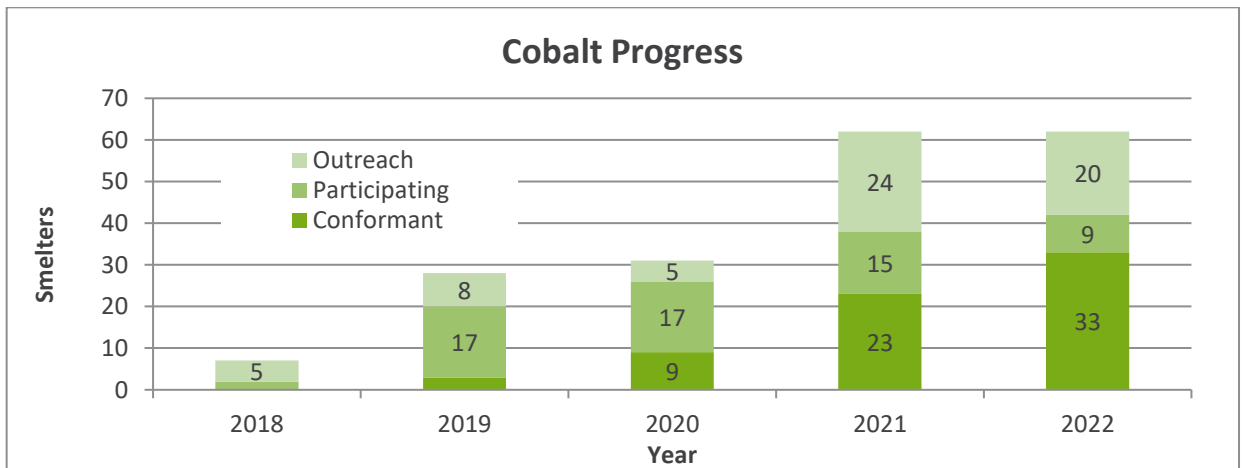
Conformant: Smelters or refiners that are conformant to the Responsible Minerals Assurance Process (RMAP) assessment protocols or have been validated by a similar assessment program (e.g., the London Bullion Market Association's *Responsible Gold Programme* or the Responsible Jewelry Council's *Chain-of-Custody Certification Program*)

Participating: Smelters or refiners that have committed to undergo an RMAP audit

Outreach: Smelters or refiners that have not agreed to participate, but Acer is assisting with targeted outreach

** Totals include smelters or refiners of gold, tantalum, tin, and tungsten.

Figure 3: Cobalt Progress



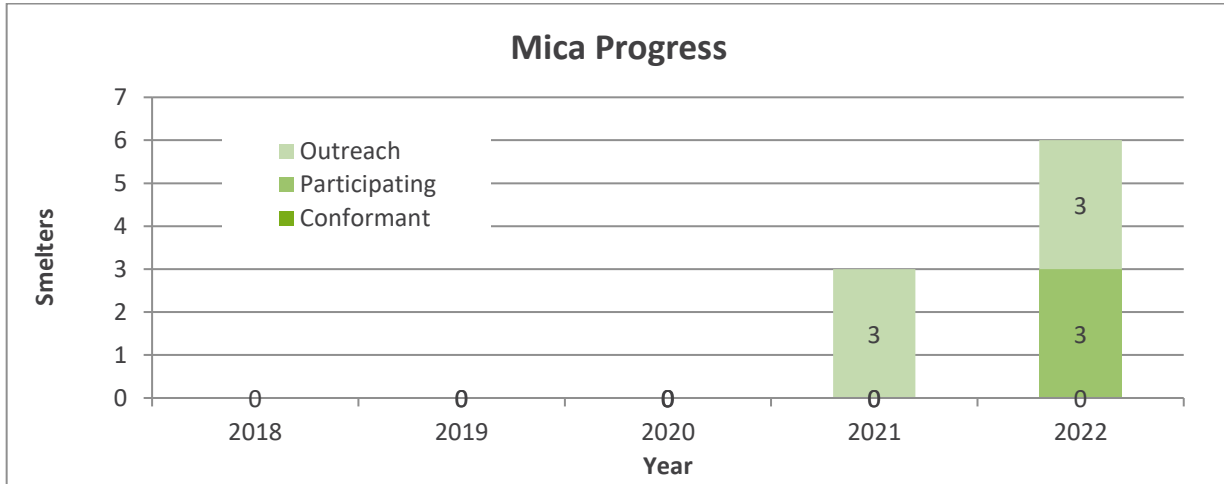
*Status is defined as follows:

Conformant: Refiners that are conformant to the Responsible Minerals Assurance Process (RMAP) assessment protocol

Participating: Refiners that have committed to undergo an RMAP audit

Outreach: Refiners that have not agreed to participate, but Acer is assisting with targeted outreach

Figure 4: Mica Progress



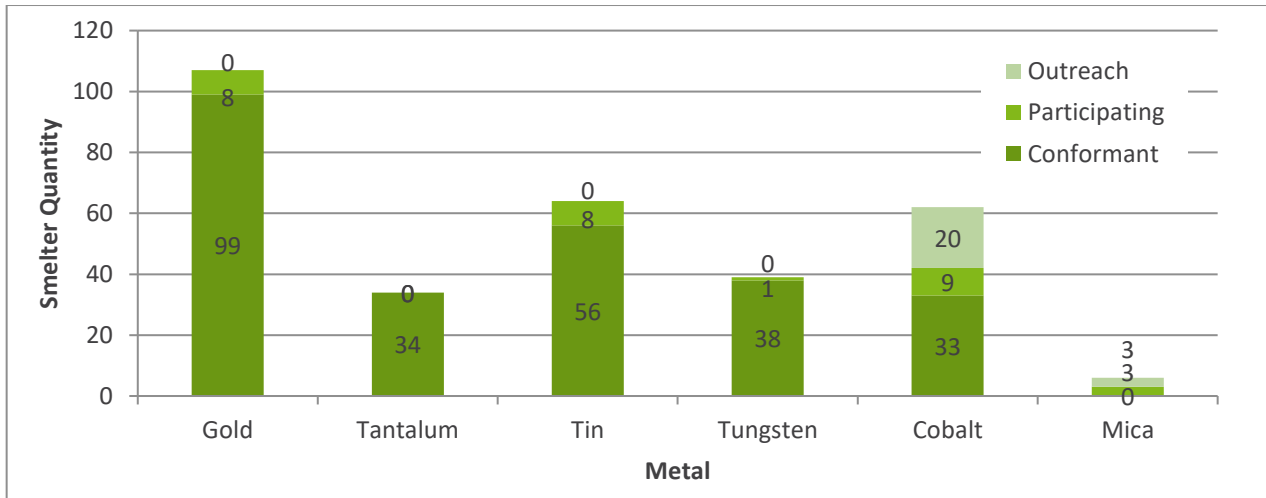
*Status is defined as follows:

Conformant: Refiners that are conformant to the Responsible Minerals Assurance Process (RMAP) assessment protocol

Participating: Refiners that have committed to undergo an RMAP audit

Outreach: Refiners that have not agreed to participate, but Acer is assisting with targeted outreach

Figure 5: 2022 Status, by metal



*Status is defined as follows:

Conformant: Smelters or refiners that are compliant with the Responsible Minerals Assurance Process (RMAP) assessment protocols or have been validated by a similar assessment program (e.g., the London Bullion Market Association's *Responsible Gold Programme* or the Responsible Jewelry Council's *Chain-of-Custody Certification Program*)

Participating: Smelters and refiners that have committed to undergo an RMAP audit

Outreach: Smelters or refiners that have not agreed to participate, but Acer is assisting with targeted outreach

Acer included the following appendices to this RMR that provide additional details on the direct suppliers and SORs in Acer's supply chain:

- Appendix A – Supply Chain Indicators – additional metrics Acer has identified to track progress within its 3TG supply chain.

- Appendix B – Smelter or Refiner List– the complete list of SORs that were confirmed to be part of Acer’s supply chain during the 2022 reporting period.

In 2022, Acer reached the goal of having 100% of its 3TG SORs either conformant to or participating in an OECD-aligned 3rd party assessment program with the goal of becoming conformant. Acer continues to believe that the supply chain is dynamic and that the supply chain composition and assessment status is continually changing. Acer will maintain the goal of having 100% of its 3TG SORs either conformant to or participating in an OECD-aligned 3rd party assessment program moving forward into 2023 since it will be important for Acer to continue to work with its suppliers and conduct due diligence on the minerals supply chains, ensuring that risks are identified and mitigated and that the SORs maintain their assessment conformant status.

Future Due Diligence and Risk Mitigation Measures

Acer will continue to take steps during the next reporting period to improve the due diligence conducted and further mitigate the risk in its supply chain, including:

- Continue to review and update Acer’s policies, procedures, risk-management plans, and program metrics to ensure they remain progressive, drive continuous improvement, and are tailored accordingly to account for additional risks specific to other priority minerals and CAHRAs identified by Acer.
- Support the development of due diligence processes, tools and audit programs for other priority minerals through multi-stakeholder processes, such as those coordinated by the RMI.
- Continue to work with suppliers to increase the accuracy of SOR identification, support SOR engagement, and drive them to source from SORs with a RMAP-conformant status.
- Continue to encourage SORs to participate in the RMAP, with the goal of obtaining a conformant status.
- Continue participation on the RMI Smelter Engagement Team
- Continue supplier audits to evaluate responsible minerals policies and practices within the supply chain downstream from the SORs.
- Continue to measure and grade the due diligence performance of our direct suppliers through our corporate social responsibility scorecard, to prioritize responsible minerals and drive continuous improvement.
- Continue to support in-region projects and organizations that seek to boost economic development, mitigate social and environmental risks, as well as develop systems that feed into the RMAP tools and processes.
- For 2023, our target is: 100% of 3TG SORs are either conformant to or participating in an OECD-aligned 3rd party assessment program.
- Continue improving the identification of mica processors in our supply chain.

Appendix A – Supply Chain Indicators

Indicator	Result				
	2018	2019	2020	2021	2022
Number of supplier audits conducted	105	101	93	88	98
Number of supplier factories in compliance with Acer's policy or program	105	99	92	89	98
Percentage of suppliers that have adopted a conflict minerals policy	100%	100%	100%	100%	100%
- Policy is publically available on supplier's website	91%	92%	92%	91%	81%
Suppliers that have required their direct suppliers to source from smelters validated by an independent third party audit	94%	98%	92%	98%	96%
Percentage of validated smelters in the supply chain that are known to not be sourcing from covered countries	60%	52%	48%	35%	29%
Percentage of validated smelters in the supply chain that are known to be sourcing from covered countries	17%	19%	20%	17%	17%
Quantity of smelters that are known to be sourcing from covered countries (Percentage that are validated)	44 (100%)	46 (100%)	46 (100%)	44 (100%)	41 (100%)

Appendix B – Smelter or Refiner List

As part of Acer’s responsible minerals due diligence efforts, we have published a list of the tantalum, tin, tungsten, gold, cobalt, and mica SORs that have been confirmed to be present in our supply chain. On an annual basis, this list will be updated with the latest status. For the most current information on each SOR, please visit the Responsible Minerals Initiative website at www.responsiblemineralsinitiative.org

Metal	Smelter or Refiner Name	Country
Gold	8853 S.p.A.*	ITALY
Gold	Abington Reldan Metals, LLC	UNITED STATES OF AMERICA
Gold	Advanced Chemical Company*	UNITED STATES OF AMERICA
Gold	Agosi AG	GERMANY
Gold	Aida Chemical Industries Co., Ltd.	JAPAN
Gold	Al Etihad Gold Refinery DMCC	UNITED ARAB EMIRATES
Gold	Alexy Metals	UNITED STATES OF AMERICA
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	Asahi Refining Canada Ltd.	CANADA
Gold	Asahi Refining USA Inc.	UNITED STATES OF AMERICA
Gold	Asaka Riken Co., Ltd.	JAPAN
Gold	Augmont Enterprises Private Limited	INDIA
Gold	Aurubis AG	GERMANY
Gold	Bangalore Refinery	INDIA
Gold	Bangko Sentral ng Pilipinas (Central Bank of the Philippines)	PHILIPPINES
Gold	Boliden AB	SWEDEN
Gold	C. Hafner GmbH + Co. KG	GERMANY
Gold	C.I Metales Procesados Industriales SAS	COLOMBIA
Gold	CCR Refinery - Glencore Canada Corporation	CANADA
Gold	Cendres + Metaux S.A.*	SWITZERLAND

Gold	Chimet S.p.A.	ITALY
Gold	Chugai Mining	JAPAN
Gold	Dowa	JAPAN
Gold	DSC (Do Sung Corporation)	SOUTH KOREA
Gold	Eco-System Recycling Co., Ltd. East Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. North Plant	JAPAN
Gold	Eco-System Recycling Co., Ltd. West Plant	JAPAN
Gold	Emirates Gold DMCC	UNITED ARAB EMIRATES
Gold	Geib Refining Corporation	UNITED STATES OF AMERICA
Gold	GGC Gujrat Gold Centre Pvt. Ltd.	INDIA
Gold	Gold by Gold Colombia	COLOMBIA
Gold	Gold Refinery of Zijin Mining Group Co., Ltd.	CHINA
Gold	Heimerle + Meule GmbH	GERMANY
Gold	Heraeus Germany GmbH Co. KG	GERMANY
Gold	Heraeus Metals Hong Kong 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	Italpreziosi	ITALY
Gold	Japan Mint	JAPAN
Gold	Jiangxi Copper Co., Ltd.	CHINA
Gold	JX Nippon Mining & Metals Co., Ltd.	JAPAN
Gold	Kazzinc	KAZAKHSTAN
Gold	Kennecott Utah Copper LLC	UNITED STATES OF AMERICA
Gold	KGHM Polska Miedz Spolka Akcyjna	POLAND
Gold	Kojima Chemicals Co., Ltd.	JAPAN
Gold	Korea Zinc Co., Ltd.	SOUTH KOREA

Gold	L'Orfebre S.A.	ANDORRA
Gold	LS-NIKKO Copper Inc.	SOUTH KOREA
Gold	LT Metal Ltd.	SOUTH KOREA
Gold	Materion	UNITED STATES OF AMERICA
Gold	Matsuda Sangyo Co., Ltd.	JAPAN
Gold	Metal Concentrators SA (Pty) Ltd.	SOUTH AFRICA
Gold	Metalor Technologies (Hong Kong) Ltd.	CHINA
Gold	Metalor Technologies (Singapore) Pte., Ltd.	SINGAPORE
Gold	Metalor Technologies (Suzhou) Ltd.	CHINA
Gold	Metalor Technologies S.A.	SWITZERLAND
Gold	Metalor USA Refining Corporation	UNITED STATES OF AMERICA
Gold	Metalurgica Met-Mex Penoles S.A. De C.V.	MEXICO
Gold	Mitsubishi Materials Corporation	JAPAN
Gold	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Gold	MKS PAMP SA	SWITZERLAND
Gold	MMTC-PAMP India Pvt., Ltd.	INDIA
Gold	Nadir Metal Rafineri San. Ve Tic. A.S.	TURKEY
Gold	Navoi Mining and Metallurgical Combinat	UZBEKISTAN
Gold	NH Recytech Company	SOUTH KOREA
Gold	Nihon Material Co., Ltd.	JAPAN
Gold	Ogussa Osterreichische Gold- und Silber-Scheideanstalt GmbH	AUSTRIA
Gold	Ohura Precious Metal Industry Co., Ltd.	JAPAN
Gold	Planta Recuperadora de Metales SpA	CHILE
Gold	PT Aneka Tambang (Persero) Tbk	INDONESIA
Gold	PX Precinox S.A.	SWITZERLAND
Gold	Rand Refinery (Pty) Ltd.	SOUTH AFRICA
Gold	REMONDIS PMR B.V.	NETHERLANDS

Gold	Royal Canadian Mint	CANADA
Gold	SAAMP	FRANCE
Gold	Safimet S.p.A*	ITALY
Gold	SAFINA A.S.	CZECHIA
Gold	Samduck Precious Metals*	SOUTH KOREA
Gold	Sancus ZFS (L'Orfebre, SA)	COLOMBIA
Gold	SEMPSA Joyeria Plateria S.A.	SPAIN
Gold	Shandong Gold Smelting Co., Ltd.	CHINA
Gold	Shandong Zhaojin Gold & Silver Refinery Co., Ltd.	CHINA
Gold	Sichuan Tianze Precious Metals Co., Ltd.	CHINA
Gold	Singway Technology Co., Ltd.*	TAIWAN
Gold	Solar Applied Materials Technology Corp.	TAIWAN
Gold	Sumitomo Metal Mining Co., Ltd.	JAPAN
Gold	SungEel HiMetal Co., Ltd.	SOUTH KOREA
Gold	T.C.A S.p.A	ITALY
Gold	Tanaka Kikinzoku Kogyo K.K.	JAPAN
Gold	Tokuriki Honten Co., Ltd.	JAPAN
Gold	TOO Tau-Ken-Altyn	KAZAKHSTAN
Gold	Torecom	SOUTH KOREA
Gold	Umicore Precious Metals Thailand*	THAILAND
Gold	Umicore S.A. Business Unit Precious Metals Refining	BELGIUM
Gold	United Precious Metal Refining, Inc.	UNITED STATES OF AMERICA
Gold	Valcambi S.A.	SWITZERLAND
Gold	Value Trading	BELGIUM
Gold	WEEEREFINING	FRANCE
Gold	Western Australian Mint (T/a The Perth Mint)	AUSTRALIA
Gold	WIELAND Edelmetalle GmbH	GERMANY

Gold	Yamakin Co., Ltd.	JAPAN
Gold	Yokohama Metal Co., Ltd.	JAPAN
Gold	Zhongyuan Gold Smelter of Zhongjin Gold Corporation	CHINA
Tantalum	AMG Brasil	BRAZIL
Tantalum	Changsha South Tantalum Niobium Co., Ltd.	CHINA
Tantalum	D Block Metals, LLC	UNITED STATES OF AMERICA
Tantalum	F&X Electro-Materials Ltd.	CHINA
Tantalum	FIR Metals & Resource Ltd.	CHINA
Tantalum	Global Advanced Metals Aizu	JAPAN
Tantalum	Global Advanced Metals Boyertown	UNITED STATES OF AMERICA
Tantalum	H.C. Starck Hermsdorf GmbH	GERMANY
Tantalum	Hengyang King Xing Lifeng New Materials Co., Ltd.	CHINA
Tantalum	Jiangxi Dinghai Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	Jiangxi Tuohong New Raw Material	CHINA
Tantalum	JiuJiang JinXin Nonferrous Metals Co., Ltd.	CHINA
Tantalum	Jiujiang Tanbre Co., Ltd.	CHINA
Tantalum	Jiujiang Zhongao Tantalum & Niobium Co., Ltd.	CHINA
Tantalum	KEMET de Mexico	MEXICO
Tantalum	Materion Newton Inc.	UNITED STATES OF AMERICA
Tantalum	Metallurgical Products India Pvt., Ltd.	INDIA
Tantalum	Mineracao Taboca S.A.	BRAZIL
Tantalum	Mitsui Mining and Smelting Co., Ltd.	JAPAN
Tantalum	Ningxia Orient Tantalum Industry Co., Ltd.	CHINA
Tantalum	NPM Silmet AS	ESTONIA
Tantalum	QuantumClean	UNITED STATES OF AMERICA
Tantalum	Resind Industria e Comercio Ltda.	BRAZIL
Tantalum	RFH Yancheng Jinye New Material Technology Co., Ltd.	CHINA

Tantalum	Taki Chemical Co., Ltd.	JAPAN
Tantalum	TANIOBIS Co., Ltd.	THAILAND
Tantalum	TANIOBIS GmbH	GERMANY
Tantalum	TANIOBIS Japan Co., Ltd.	JAPAN
Tantalum	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tantalum	Telex Metals	UNITED STATES OF AMERICA
Tantalum	Ulba Metallurgical Plant JSC	KAZAKHSTAN
Tantalum	XIMEI RESOURCES (GUANGDONG) LIMITED	CHINA
Tantalum	XinXing HaoRong Electronic Material Co., Ltd.	CHINA
Tantalum	Yanling Jincheng Tantalum & Niobium Co., Ltd.	CHINA
Tin	Alpha	UNITED STATES OF AMERICA
Tin	Aurubis Beerse	BELGIUM
Tin	Aurubis Berango	SPAIN
Tin	Chenzhou Yunxiang Mining and Metallurgy Co., Ltd.	CHINA
Tin	Chifeng Dajingzi Tin Industry Co., Ltd.	CHINA
Tin	China Tin Group Co., Ltd.	CHINA
Tin	CRM Fundicao De Metais E Comercio De Equipamentos Eletronicos Do Brasil Ltda	BRAZIL
Tin	CRM Synergies	SPAIN
Tin	CV Ayi Jaya	INDONESIA
Tin	CV Venus Inti Perkasa	INDONESIA
Tin	Dowa	JAPAN
Tin	DS Myanmar	MYANMAR
Tin	EM Vinto	BOLIVIA
Tin	Estanho de Rondonia S.A.	BRAZIL
Tin	Fabrica Auricchio Industria e Comercio Ltda.	BRAZIL
Tin	Fenix Metals	POLAND
Tin	Gejiu Non-Ferrous Metal Processing Co., Ltd.	CHINA

Tin	Gejiu Zili Mining And Metallurgy Co., Ltd.*	CHINA
Tin	Guangdong Hanhe Non-Ferrous Metal Co., Ltd.	CHINA
Tin	Jiangxi New Nanshan Technology Ltd.	CHINA
Tin	Luna Smelter, Ltd.	RWANDA
Tin	Magnu's Minerai's Metais e Ligas Ltda.	BRAZIL
Tin	Malaysia Smelting Corporation (MSC)	MALAYSIA
Tin	Metallic Resources, Inc.	UNITED STATES OF AMERICA
Tin	Mineracao Taboca S.A.	BRAZIL
Tin	Minsur	PERU
Tin	Mitsubishi Materials Corporation	JAPAN
Tin	O.M. Manufacturing (Thailand) Co., Ltd.	THAILAND
Tin	O.M. Manufacturing Philippines, Inc.	PHILIPPINES
Tin	Operaciones Metalurgicas S.A.	BOLIVIA
Tin	PT Aries Kencana Sejahtera	INDONESIA
Tin	PT Artha Cipta Langgeng	INDONESIA
Tin	PT ATD Makmur Mandiri Jaya	INDONESIA
Tin	PT Babel Inti Perkasa	INDONESIA
Tin	PT Babel Surya Alam Lestari	INDONESIA
Tin	PT Bangka Prima Tin	INDONESIA
Tin	PT Bangka Serumpun	INDONESIA
Tin	PT Belitung Industri Sejahtera	INDONESIA
Tin	PT Bukit Timah	INDONESIA
Tin	PT Cipta Persada Mulia	INDONESIA
Tin	PT Menara Cipta Mulia	INDONESIA
Tin	PT Mitra Stania Prima	INDONESIA
Tin	PT Mitra Sukses Globalindo	INDONESIA
Tin	PT Premium Tin Indonesia	INDONESIA

Tin	PT Prima Timah Utama	INDONESIA
Tin	PT Putera Sarana Shakti (PT PSS)	INDONESIA
Tin	PT Rajawali Rimba Perkasa	INDONESIA
Tin	PT Refined Bangka Tin	INDONESIA
Tin	PT Sariwiguna Binasentosa	INDONESIA
Tin	PT Stanindo Inti Perkasa	INDONESIA
Tin	PT Sukses Inti Makmur	INDONESIA
Tin	PT Timah Nusantara	INDONESIA
Tin	PT Timah Tbk Kundur	INDONESIA
Tin	PT Timah Tbk Mentok	INDONESIA
Tin	PT Tinindo Inter Nusa*	INDONESIA
Tin	PT Tommy Utama	INDONESIA
Tin	Resind Industria e Comercio Ltda.	BRAZIL
Tin	Rui Da Hung	TAIWAN
Tin	Super Ligas	BRAZIL
Tin	Thaisarco	THAILAND
Tin	Tin Smelting Branch of Yunnan Tin Co., Ltd.	CHINA
Tin	Tin Technology & Refining	UNITED STATES OF AMERICA
Tin	White Solder Metalurgia e Mineracao Ltda.	BRAZIL
Tin	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	CHINA
Tungsten	A.L.M.T. Corp.	JAPAN
Tungsten	ACL Metais Eireli*	BRAZIL
Tungsten	Albasteel Industria e Comercio de Ligas Para Fundicao Ltd.*	BRAZIL
Tungsten	Asia Tungsten Products Vietnam Ltd.	VIET NAM
Tungsten	China Molybdenum Tungsten Co., Ltd.	CHINA
Tungsten	Chongyi Zhangyuan Tungsten Co., Ltd.	CHINA
Tungsten	Cronimet Brasil Ltda	BRAZIL

Tungsten	Fujian Ganmin RareMetal Co., Ltd.	CHINA
Tungsten	Fujian Xinlu Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Haichuang Tungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Huaxing Tungsten Products Co., Ltd.	CHINA
Tungsten	Ganzhou Jiangwu Ferrotungsten Co., Ltd.	CHINA
Tungsten	Ganzhou Seadragon W & Mo Co., Ltd.	CHINA
Tungsten	Global Tungsten & Powders Corp.	UNITED STATES OF AMERICA
Tungsten	Guangdong Xianglu Tungsten Co., Ltd.	CHINA
Tungsten	H.C. Starck Tungsten GmbH	GERMANY
Tungsten	Hubei Green Tungsten Co., Ltd.	CHINA
Tungsten	Hunan Chenzhou Mining Co., Ltd.	CHINA
Tungsten	Hunan Jintai New Material Co., Ltd.*	CHINA
Tungsten	Hunan Shizhuyuan Nonferrous Metals Co., Ltd. Chenzhou Tungsten Products Branch	CHINA
Tungsten	Japan New Metals Co., Ltd.	JAPAN
Tungsten	Jiangwu H.C. Starck Tungsten Products Co., Ltd.	CHINA
Tungsten	Jiangxi Gan Bei Tungsten Co., Ltd.	CHINA
Tungsten	Jiangxi Tonggu Non-ferrous Metallurgical & Chemical Co., Ltd.	CHINA
Tungsten	Jiangxi Xinsheng Tungsten Industry Co., Ltd.	CHINA
Tungsten	Jiangxi Yaosheng Tungsten Co., Ltd.	CHINA
Tungsten	Kennametal Fallon	UNITED STATES OF AMERICA
Tungsten	Kennametal Huntsville	UNITED STATES OF AMERICA
Tungsten	Lianyou Metals Co., Ltd.	TAIWAN
Tungsten	Malipo Haiyu Tungsten Co., Ltd.	CHINA
Tungsten	Masan High-Tech Materials	VIET NAM
Tungsten	Moliren Ltd.*	RUSSIAN FEDERATION
Tungsten	Niagara Refining LLC	UNITED STATES OF AMERICA
Tungsten	Philippine Chuangxin Industrial Co., Inc.	PHILIPPINES

Tungsten	TANIOBIS Smelting GmbH & Co. KG	GERMANY
Tungsten	Wolfram Bergbau und Hutten AG	AUSTRIA
Tungsten	Xiamen Tungsten (H.C.) Co., Ltd.	CHINA
Tungsten	Xiamen Tungsten Co., Ltd.	CHINA
Tungsten	Xinfeng Huarui Tungsten & Molybdenum New Material Co., Ltd.	CHINA
Cobalt	Anhui Hanrui New Materials Co., Ltd.	CHINA
Cobalt	Chemaf Etoile	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Chizhou CN New Materials and Technology Co., Ltd.	CHINA
Cobalt	Compagnie de Tifnout Tiranimine	MOROCCO
Cobalt	CoreMax Corporation	TAIWAN
Cobalt	Cosmo Chemical, Ltd.	SOUTH KOREA
Cobalt	Dynatec Madagascar Company	MADAGASCAR
Cobalt	Fairsky Industrial Co., Limited	CHINA
Cobalt	Gangzhou Yi Hao Umicore Industry Co.	CHINA
Cobalt	Ganzhou Highpower Technology Co., Ltd.	CHINA
Cobalt	Ganzhou Tengyuan Cobalt New Material Co., Ltd.	CHINA
Cobalt	Gem (Jiangsu) Cobalt Industry Co., Ltd.	CHINA
Cobalt	Glencore Nikkelverk Refinery	NORWAY
Cobalt	Guangdong Jiana Energy Technology Co., Ltd.	CHINA
Cobalt	Guangxi Yinyi Advanced Material Co., Ltd.	CHINA
Cobalt	Guizhou CNGR Resource Recycling Industry Development Co., Ltd.	CHINA
Cobalt	Harima Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Hunan Brunp Recycling Technology Co., Ltd.	CHINA
Cobalt	Hunan CNGR New Energy Science & Technology Co., Ltd.	CHINA
Cobalt	Hunan Jinxin New Material Holding Co., Ltd.	CHINA
Cobalt	Hunan Yacheng New Materials Co., Ltd.	CHINA
Cobalt	ICoNiChem	UNITED KINGDOM

Cobalt	Jiangsu Xiongfeng Technology Co., Ltd.	CHINA
Cobalt	Jiangxi Jiangwu Cobalt industrial Co., Ltd.	CHINA
Cobalt	Jiangxi Rui da Xinnengyuan Technology Co., Ltd.	CHINA
Cobalt	Jingmen GEM Co., Ltd.	CHINA
Cobalt	JSC Kolskaya Mining and Metallurgical Company (Kola MMC)*	RUSSIAN FEDERATION
Cobalt	Kamoto Copper Company	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	La Compagnie de Traitement des Rejets de Kingamyambo S.A. (Metalkol S.A.)	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Lanzhou Jinchuan Advanced Materials Technology Co., Ltd.	CHINA
Cobalt	Mechema Chemicals (Thailand) Co., Ltd.	THAILAND
Cobalt	Mechema Chemicals shang-yu	CHINA
Cobalt	Mechema Korea, Co., Ltd.	SOUTH KOREA
Cobalt	Mechema Taiwan Plant 1	TAIWAN
Cobalt	Mechema Taiwan Plant 2	TAIWAN
Cobalt	METAL MINES SARL	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Mine de Bou-Azzer	MOROCCO
Cobalt	MKM - La Miniere de Kalumbwe Myunga	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Murrin Murrin Nickel Cobalt Plant	AUSTRALIA
Cobalt	Nanjing Hanrui Cobalt	CHINA
Cobalt	Nantong Xinwei Nickel Cobalt Technology Development Co., Ltd.*	CHINA
Cobalt	Niihama Nickel Refinery, Sumitomo Metal Mining	JAPAN
Cobalt	Ningbo Hubang New Material Co., Ltd.	CHINA
Cobalt	Ningbo Yanmen Chemical Co., Ltd.	CHINA
Cobalt	NORILSK NICKEL HARJAVALTA OY	FINLAND
Cobalt	Port Colborne Refinery	CANADA
Cobalt	PT Mechema Indonesia	INDONESIA
Cobalt	Quzhou Huayou Cobalt New Material Co., Ltd.	CHINA
Cobalt	Ruashi Mining SAS	DEMOCRATIC REPUBLIC OF THE CONGO

Cobalt	SOCIETE MINIERE DU KATANGA (SOMIKA SARL)	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Societe pour le Traitement du Terril de Lubumbashi (STL)	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	SungEel HiTech Co., Ltd.	SOUTH KOREA
Cobalt	Tenke Fungurume Mining SA	DEMOCRATIC REPUBLIC OF THE CONGO
Cobalt	Tianjin Maolian Science & Technology Co., Ltd.	CHINA
Cobalt	Umicore Finland Oy	FINLAND
Cobalt	Umicore Olen	BELGIUM
Cobalt	Xiangtan Huacheng Nickel Cobalt New Material Co., Ltd.	CHINA
Cobalt	XTC New Energy Materials (Xiamen) LTD.	CHINA
Cobalt	Zhejiang Greatpower Cobalt Materials Co., Ltd.	CHINA
Cobalt	Zhejiang Huayou Cobalt Company Limited	CHINA
Cobalt	Zhejiang New Era Zhongneng Technology Co., Ltd.	CHINA
Cobalt	Zhuhai Kelixin Metal Materials Co., Ltd.	CHINA
Mica	G. K. INTERNATIONAL	INDIA
Mica	Imerys Mica Kings Mountain, Inc.	UNITED STATES OF AMERICA
Mica	Nanjing Jinyun Mica Ltd.	CHINA
Mica	Yamaguchi Mica	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Shinshiro Factory	JAPAN
Mica	Yamaguchi Mica Co., Ltd. Toyohashi Factory	JAPAN

*The smelter or refiner has changed its conformant status since December 31, 2022. It is no longer approved to be in Acer's supply chain and is in the process of being removed.

Countries of origin for minerals processed by 3TG smelters or refiners in Acer's supply chain, which are based on sourcing information disclosed during the RMAP third-party auditing process, may include:

Andorra	Eritrea	Madagascar	Slovakia
Angola	Estonia	Malaysia	Slovenia
Antigua and Barbuda	Ethiopia	Malta	South Africa
Argentina	Finland	Mexico	South Korea
Australia	France	Mongolia	Spain
Austria	Germany	Morocco	St Vincent and Grenadines
Bahamas	Ghana	Mozambique	Sudan
Bahrain	Greece	Myanmar	Swaziland
Bangladesh	Grenada	Namibia	Sweden
Barbados	Guatemala	Netherlands	Switzerland
Belarus	Guinea	New Zealand	Tanzania
Belgium	Guyana	Niger	Thailand
Benin	Honduras	Nigeria	Togo

Bolivia	Hong Kong	Norway	Trinidad and Tobago
Brazil	Hungary	Pakistan	Tunisia
Burundi	India	Panama	Turkey
Canada	Indonesia	Peru	Turks and Caicos
Cayman Islands	Ireland	Philippines	Uganda
Chile	Israel	Poland	Ukraine
China	Italy	Portugal	United Arab Emirates
Taiwan	Japan	Puerto Rico	United Kingdom
Colombia	Jordan	Romania	United States of America
Croatia	Kazakhstan	Russia*	Uruguay
Curacao	Kenya	Rwanda	Uzbekistan
Czech Republic	Kuwait	Saint Kitts and Nevis	Venezuela
Democratic Republic of the Congo	Laos	Saudi Arabia	Vietnam
Denmark	Latvia	Senegal	Yemen
Dominican Republic	Lebanon	Serbia	Zimbabwe
Ecuador	Liberia	Sierra Leone	
Egypt	Lithuania	Singapore	
El Salvador	Luxembourg	Sint Maarten	

*Acer does not source minerals directly from Russia. The RMI provides general country of origin information to Acer and may include countries that are not specific to Acer's supply chain.