

MINE SITE ASSESSMENT SUMMARY OF THE FULL REPORT

MINE SITE

Andrade Mine

OPERATING COMPANY

ArcelorMittal Brazil SA

COUNTRY OF OPERATION

Brazil

7 JULY 2026

TO ACCESS THE FULL REPORT:
[RESPONSIBLEMINING.NET/ANDRADE](https://responsiblemining.net/andrade)

Audit Summary

SUMMARY DETAILS ABOUT THE MINE AND THE IRMA AUDIT

More information regarding this data can be found in the full report, Section 1.0.

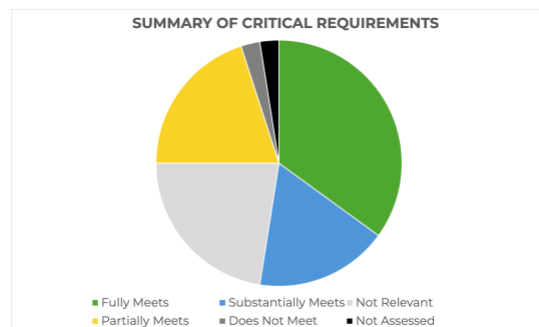
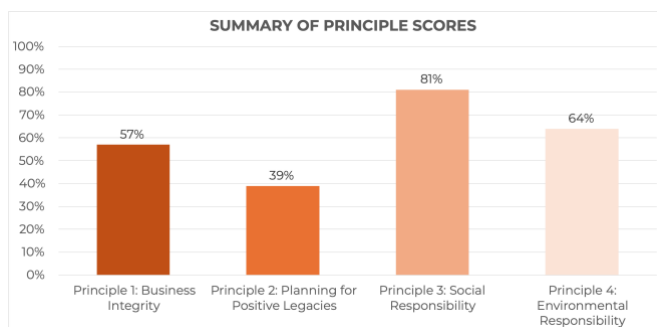
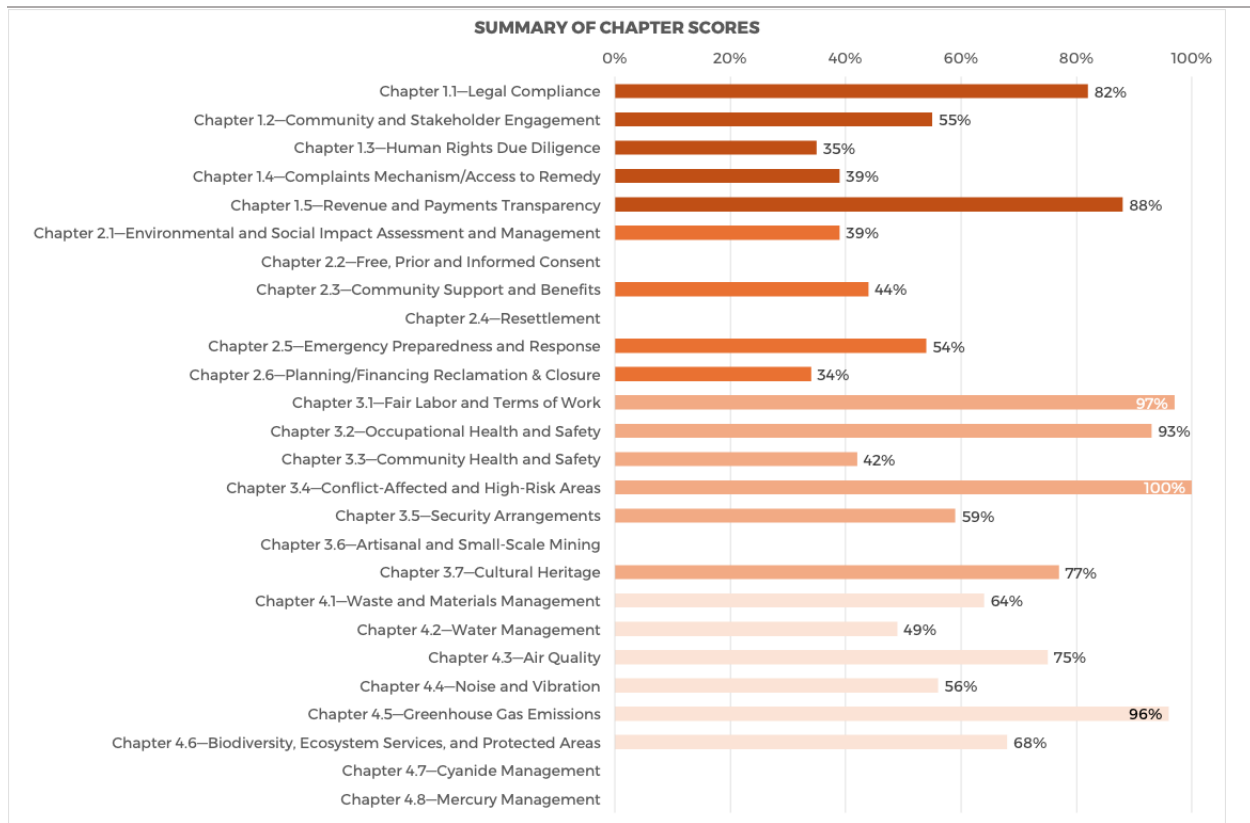
Name of Mine:	Andrade Mine		
Operating Company:	ArcelorMittal Brazil SA	Mine Owner:	ArcelorMittal Brazil SA
Country of Operation:	Brazil	Local Region:	Minas Gerais, Bela Vista de Minas municipality
Mined Material(s):	Iron Ore	Year first operated/by owner:	1947/2009
Size of mining concession (hectares):	754	Expected life of mine:	2072
Total # of workers:	539	Direct workers	477
		Contracted workers	62
Business language(s):	Portuguese		
Community language(s):			
Scope of IRMA Assurance Process:	The scope included the physical areas within ArcelorMittal's Andrade Mine concession and related, including: open pit mine, exploration areas, mine services, wet concentration plant (WCP), mine rehabilitation areas, mineral separation plant (MSP), packaging & loadout, warehouse, laboratory, clinic, administration building & other offices, maintenance workshops, waste management facility plant, waste water treatment plant, restaurant and sanitary facilities, associated on-site infrastructure (power line, boreholes, piping, storage, internal access roads, generators, etc.), and management, production & support processes.		
IRMA audit webpage:	https://responsiblemining.net/audits/andrade-mine/		
IRMA Standard Version:	IRMA Standard for Responsible Mining, v.1.0 (June 2018)		
Audit Type:	Initial Verification	Achievement Level:	IRMA Transparency
Decision Date:	07 Jul 2026	Achievement Valid Until:	06 Jul 2029
Audit Firm:	SCS Global Services	IRMA Reference #:	IRMA-0099-STD1.0-01-INT

INITIAL REPORT: SUMMARY OF PERFORMANCE

IRMA's 428 requirements are organized into 26 chapters which are further grouped into 4 broad principles. Each requirement is rated by auditors as fully meets, substantially meets, partially meets, does not meet, or not relevant according to the evidence presented during the audit and IRMA guidance on performance ratings. Individual ratings for each requirement along with the justification are presented in Appendix A. Chapter scores are calculated based on the total point value of all relevant requirements in the chapter divided by the total possible points (total number of relevant requirements in the chapter x 2). This same equation is used to calculate overall principle scores. More information regarding chapter scores and critical requirements can be found in the full report, Section 3.0.

IRMA Achievement Level

IRMA Transparency


















SUMMARY OF PERFORMANCE AGAINST IRMA CRITICAL REQUIREMENTS

Critical requirements consist of a set of 40 requirements that have been identified by the IRMA Board of Directors as being core requirements that any mine site claiming to be following good practices in mining should be meeting. Mines seeking to achieve IRMA 100 must fully meet all critical requirements, and mines achieving IRMA 50 or IRMA 75 must substantially meet all critical requirements, demonstrate progress over time, and fully meet all critical requirements within specified time frames.

More details on the performance of each critical requirement can be found in the respective chapter in Appendix A.

Legend

	Fully meets		Substantially meets		Partially meets		Does not meet		Not relevant		Not assessed
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Req. #	Requirement Summary (abbreviated)	Rating
1.1.1.1	The operating company shall comply with all applicable host country laws in relation to the mining project	
1.2.2.2.	The mine fosters two-way dialogue and meaningful engagement with stakeholders	
1.3.1.1.	The operating company has a policy in place that acknowledges its responsibility to respect all internationally recognized human rights	
1.3.2.1.	and an ongoing process to identify and assess potential and actual human rights impacts from mining project activities and business relationships.	
1.3.3.3.	The operating company is taking steps to remediate any known impacts on human rights caused by the mine.	
1.4.1.1.	Stakeholders have access to operational-level mechanisms that allows them to raise and seek resolution or remedy for complaints and grievances that may occur in relation to the mining operation.	
1.5.5.1.	The operating company has developed, documented, and implemented policies and procedures that prohibit bribery and other forms of corruption by employees and contractors.	
2.1.3.1	The operating company has carried out a process to identify potential impacts (social and environmental) of the mining project.	
2.2.2.2.	New mine sites have obtained the FPIC of Indigenous peoples, and existing mines either have obtained FPIC or can demonstrate that they are operating in a manner that supports positive relationships with affected Indigenous peoples and provides remedies for past impacts on Indigenous peoples' rights and interests.	
2.4.7.1.	If resettlement has occurred, the mine monitors and evaluates its implementation and takes corrective actions until the provisions of resettlement action plans and/or livelihood restoration plans have been met.	
2.5.1.1.	All operations related to the mining project shall have an emergency response plan	
2.5.2.1.	and there is community participation in emergency response planning exercises.	
2.6.2.1.	Reclamation and closure plans are compatible with protection of human health and the environment,	
2.6.2.6.	and are available to stakeholders.	
2.6.4.1.	Financial surety instruments are in place for mine closure and post-closure (including reclamation, water treatment and monitoring).	

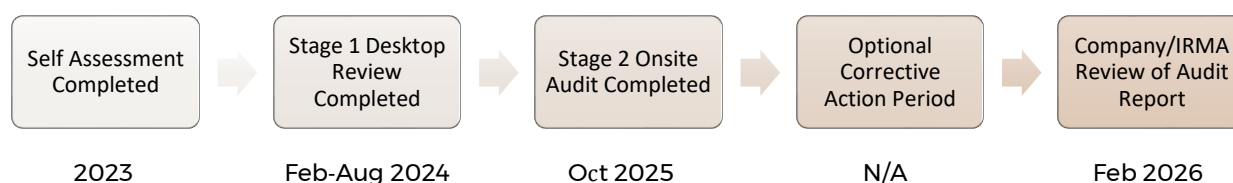
Req. #	Requirement Summary (abbreviated)	Rating
3.1.2.1	Workers' freedom of association is respected.	●
3.1.3.3.	Measures are in place to prevent and address harassment, intimidation, and/or exploitation, especially about female workers.	●
3.1.5.1.	Workers have access to operational-level mechanisms that allows them to raise and seek resolution or remedy for complaints and grievances that may occur in relation to workplace-related issues.	●
3.1.7.2.	No children (i.e., persons under the age of 18) are employed to do hazardous work	●
3.1.7.3.	and no children under the age of 15 are employed to do non-hazardous work.	●
3.1.8.1.	There is no forced labor at the mine site or used by the operating company.	●
3.2.4.1.a, b	Workers are informed of hazards associated with their work, the health risks involved and relevant preventive and protective measures.	●
3.3.1.1.	The risks to community health and safety posed by the mining operation are evaluated and mitigated.	⊕
3.4.2.1.	If operating in a conflict-affected or high-risk area, the mine has committed to not support any parties that contribute to conflict or the infringement of human rights.	—
3.5.1.2.	The mine has policy and procedures in place that align with best practices to limit the use of force and firearms by security personnel.	●
4.1.4.1.	A risk assessment has been done to identify chemical and physical risks associated with existing mine waste (including tailings) facilities.	⊕
4.1.5.1.	Mine waste facility design and mitigation of identified risks shall be consistent with best available technologies and best available/applicable practices.	⊕
4.1.5.6.	The operating company regularly evaluates the performance of mine waste facilities to assess the effectiveness of risk management measures, including critical controls for high consequence facilities.	⊕
4.1.8.1.	The mine does not use riverine, submarine or lake disposal for mine wastes.	●
4.6.4.1.	and these impacts are being mitigated and minimized.	⊕
4.6.5.3.	New mines are not located in or adversely affect World Heritage Sites (WHS), areas on a State Party's official Tentative List for WHS Inscription, IUCN protected area management categories I-III, or core areas of UNESCO biosphere reserves	⊕
4.6.5.4.	and existing mines located in those areas ensure that activities during the remaining mine life cycle will not permanently and materially damage the integrity of the special values for which the area was designated or recognized.	●
4.7.1.1.	Gold or silver mines using cyanide are certified as complying with the Cyanide Code.	⊕
4.8.2.3.	Mercury wastes are not permanently stored on site without adequate safeguards,	●
4.8.2.2.	are not sold or given to artisanal or small-scale miners and are otherwise sold only for end uses covered in the Minamata Convention or disposed of in regulated repositories.	—

AUDIT METHODOLOGY

Additional information regarding audit methodology can be found in Section 2 of this report

Audit Firm:  **Audit Team:** Lead Auditor (1), Social Auditors (2), Health and Safety Auditors (1), Environmental Auditors (2)

Audit Timeline



Summary of Audit Engagement and Observation Activities

# of mine staff interviewed	15	# of total workers interviewed	38
# of external stakeholders interviewed in initial audit	36		
Methods of invitation to participate	Posters were placed in high-visibility areas, specifically at the mine site, in community centers within the affected communities, and on worker transportation buses; online announcements were posted; announcements were shared verbally with local representatives during the mine's regularly scheduled stakeholder meetings.		
Methods of Engagement for Audit	In addition to in-person interviews, stakeholders provided written comments via WhatsApp, email, and an online form. Virtual meetings were also held.		
Operational areas observed	Open pit mine, exploration areas, undeveloped forested areas, mine services, wet concentration plant (WCP), mineral separation plant (MSP), waste/tailings piles, mine rehabilitation areas, packaging & loadout, warehouse, laboratory, clinic, administration building & other offices, maintenance workshops, waste management facility plant, waste water treatment plant, restaurant and sanitary facilities, associated on-site infrastructure (power line, boreholes, piping, storage, internal access roads, generators, etc.), and management, production, and support processes.		
Other areas visited	Water collection and supply systems, water discharge points, and water monitoring points.		
Surrounding communities visited	Communities and nearby towns including Bela Vista de Minas Municipality (Capela Branca and Taquaril), Itabira Municipality (Pregos), João Monlevade Municipality (Vale do Sol, José Elói, Nova Cachoeirinha, and São Benedito sta		

SUMMARY OF CORRECTIVE ACTION ACTIVITY AND ONGOING CORRECTIVE ACTION PLANNING

In the IRMA system, a mine may postpone release of its initial audit results for up to 12 months while it implements corrective actions to address non-conformities with critical or other requirements to reach a higher achievement level or gain recognition for improved performance. Any improvements or changes under the early corrective action period must be verified by auditors within the 12-month period. This enables sites to implement changes and have them verified by auditors before the next assessment (refer to 4.3 for future audits).

More information regarding the corrective action process can be found in the full report, Section 4. The site's corrective action plan is provided in the full report as Appendix B.

Optional Corrective Action Period:	Declined
Link to current corrective action plan	Andrade Mine prepared a final corrective action plan (CAP) in line with IRMA requirements to address both major and minor non-conformities with critical requirements. A copy of the corrective action plan is provided as Appendix B in the full audit report..
Next steps	The mine's surveillance audit will take place no more than 18 months after the publication of this IRMA Initial Assessment Report.
Providing feedback to IRMA	If any IRMA stakeholder wishes to file a complaint related to the mine site assessment process, they may do by visiting the IRMA website. Details on the complaints process can be found in IRMA's Issues Resolution Procedure. <ul style="list-style-type: none">- https://responsiblemining.net/feedback
Providing feedback to the audit firm	Feedback regarding the mine's performance can be submitted to the audit firm, SCS Global Services at: <ul style="list-style-type: none">- feedback@scsglobalservices.com
Providing feedback to the mine site	Interested parties are encouraged to share their feedback directly with the site via the site's grievance mechanism options: <ul style="list-style-type: none">- By email: clinice.santos@arcelormittal.com.br- https://secure.ethicspoint.eu/domain/media/pt/gui/105363/index.html- By phone: 0800 891 4311

Figure 1: Illustrative, global location of the site



Figure 2: Illustrative, regional location of the site

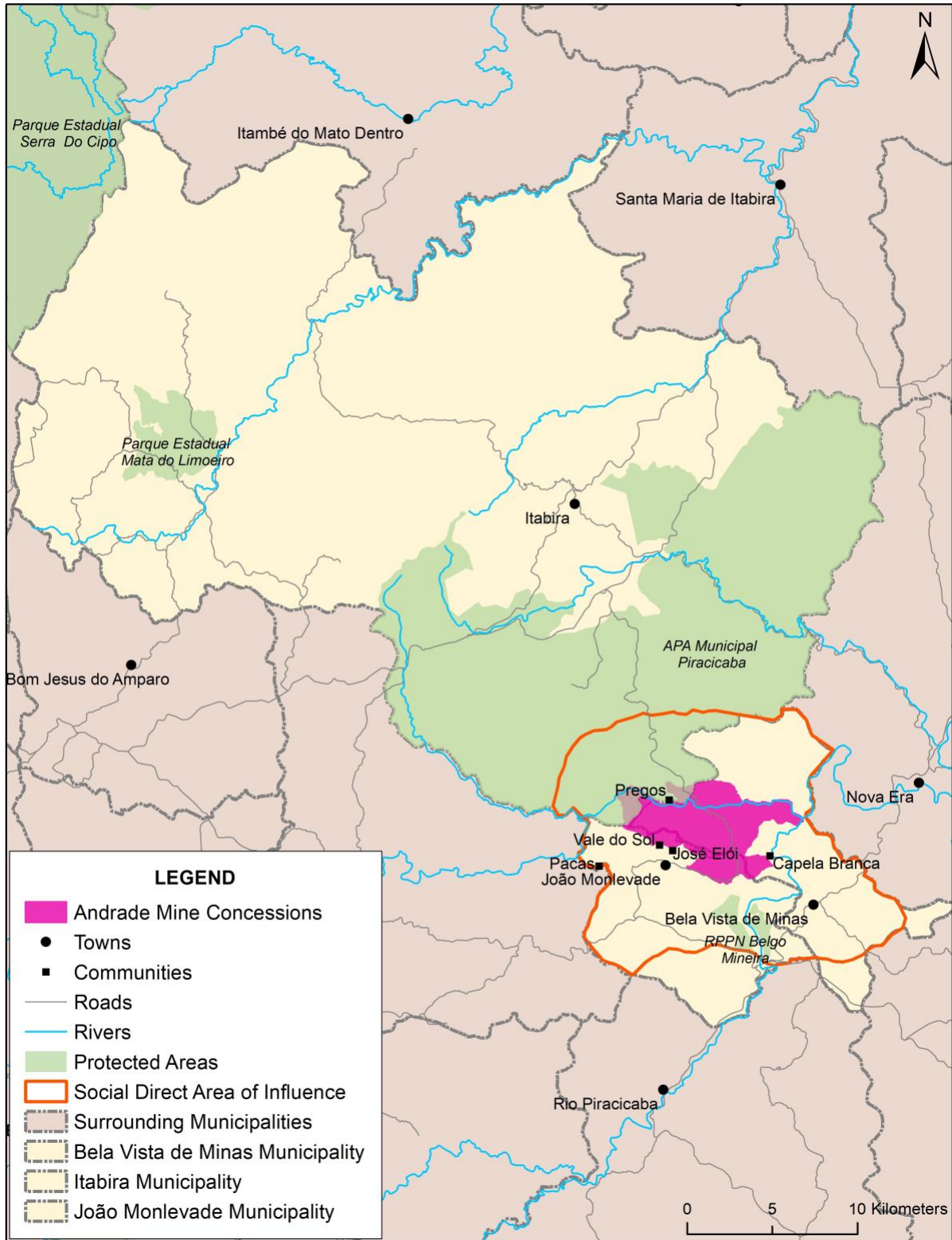


Figure 3: Illustrative, local location of the site

