Credential Name 2	sm-performance-2021				
	2021 TSM Performance Credential				
Category	Name	Attribute	Format	Rules	Description
	Company Name	company_name	String	Not NULL	name of business entity
Facility Fa	Facility Name	facility_name	String	Not NULL	name of facility
Facility Fa	Facility Address	facility_address	String		address of facility
	Country of Operation	country_operation	String		country of facility
	Products	products_name	String		name of products or metals produced on site
		<u> </u>			lists all types of operations included in scope: mining, milling, hydrometallurgical,
Facility O	Operation	operation_type	String	Not NULL	concentrate blending, smelting, refining, other
,	/erification Company	verification_company_name	String		name of verification company
	/erification by Accredited TSM Verifier	accredited tsm verifier	String		yes, no: confirms all verifiers involved are accredited TSM verifiers
	•				comment field that provides the dates of verification activities, list each date in
Verification V	/erification Dates	verification_dates	String	Not NULL	format YYYY/MM/DD
					textbox, summary description of verification method - includes disclosure of
Verification V	/erification Method	verification_method_summary	String	Not NULL	sampling methodology employed
	/erification Activities	verification activities summary	String		textbox, summary description of verification activities
	/erification Site Visit Conducted	verification_site_visit	String		yes, no: confirms if verification included a site visit
Vermedelon	remiedion site visit conducted	Vermeation_site_visit	301116	HOUNDEL	yes, no - confirms if external verification was conducted in accordance with the
i l					Terms of Reference for Verifiers and, accordingly, consisted primarily of
i					interviews, data analysis, and examination (on a sample basis) of other evidence
V:6:+: \/	/auification Chahamant		CI di ci		relevant to management's assertion of conformance to the requirements of the
Verification V	Verification Statement	verification_statement_tor	String	NOT NULL	TSM performance indicators.
					yes, no - confirms scores indicated by verification activities are accurate based on
	/erification Accuracy	verification_statement_accuracy	String		the evidence reviewed during the external verification
	/erification Limitations	verification_statement_limitations	String		textbox, verifier identified limitations
	/erification Comments	verification_statement_comments	String		textbox, verifier comments
Verification V	/erification Assurance Statement Provided	verification_assurance	String	Not NULL	yes, no - confirms if an additional assurance statement provided by verifier
i					textbox, the full legal name of the lead verifier with the option to include the
Verification Le	ead Verifier	verification_statement_lead_name	String	Not NULL	names of all verifiers who participated in the audit.
Verification V	/erification Statement Date	verification_statement_dateint	String	Not NULL	date field as an integer, using format YYYYMMDD
Verification V	/erification Signature	verification_statement_signature	String	Not NULL	textbox, printed signature of lead verifier
Aboriginal and Community					
Outreach C	COI Identification	indigenous_q1	String	Not NULL	levels C - AAA, Community of Interest (COI) Identification
Aboriginal and Community					
Outreach C	COI Identification Evidence	indigenous_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Aboriginal and Community					
Outreach C	COI Engagement & Dialogue	indigenous_q2	String	Not NULL	levels C - AAA, Community of Interest (COI) Engagement
Aboriginal and Community		<u> </u>			
	COI Engagement & Dialogue Evidence	indigenous_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Aboriginal and Community			11.0		
,	COI Response Mechanism	indigenous_q3	String	Not NULL	levels C - AAA, effective Indigenous engagement and dialogue
Aboriginal and Community		a.geaa_45	308	110011022	Section 2 11 1 y encourse mangement engagement and enalogue
, ,	COI Response Mechanism Evidence	indigenous_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Aboriginal and Community	ser nesponse meanament znaence	margenous_qs_evidence	301118	HOUNDEL	textboxy remindation examples of evidence consulted
,	Reporting	indigenous_q4	String	Not NULL	levels C - AAA, community impact and benefit management
Aboriginal and Community	teporting	maigenous_q4	Julig	NOT NOLL	levels C - AAA, community impact and benefit management
	Reporting Evidence	indigenous_q4_evidence	String	Not NIIII	textbox, verification examples of evidence consulted
	Commitments/Accountability	safety_health_q1	String		levels C - AAA, commitments and accountability
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	Commitments/Accountability Evidence	safety_health_q1_evidence	String		textbox, verification examples of evidence consulted
· ·	Planning/Implementation	safety_health_q2	String		levels C - AAA, planning and implementation
•	Planning/Implementation Evidence	safety_health_q2_evidence	String		textbox, verification examples of evidence consulted
•	Fraining/Behaviour/Culture	safety_health_q3	String		levels C - AAA, training, behaviour and culture
· ·	Fraining/Behaviour/Culture Evidence	safety_health_q3_evidence	String		textbox, verification examples of evidence consulted
•	Monitoring/Reporting	safety_health_q4	String		levels C - AAA, monitoring and reporting
· · · · · · · · · · · · · · · · · · ·	Monitoring/Reporting Evidence	safety_health_q4_evidence	String		textbox, verification examples of evidence consulted
,	Performance	safety_health_q5	String		levels C - AAA, performance
,	Performance Evidence	safety_health_q5_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and					
-	Corporate Preparedness	corp_crisis_preparedness	String	Not NULL	yes, no
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-			i i	1	The other constraints of a filter constraint
Communications Planning C Crisis Management and	Corporate Preparedness Evidence	corp_crisis_preparedness_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Communications Planning C Crisis Management and	Corporate Preparedness Evidence	corp_crisis_preparedness_evidence	String	Not NULL	textbox, verification examples of evidence consulted
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Cons Monagement and Communication Frameway (corp., priss, training evidence corrections from the construction of the construct	Category	Name	Attribute	Format	Rules	Description
Crisis Maragement and Communications Paraming Control Maragement Control Ma						·
Communications filtering federal control of Communications Patients	Communications Planning	Corporate Training	corp_crisis_training	String	Not NULL	yes, no
Consultational participants and Communications preparedness of the crisis preparedness of the crisis preparedness evidence of the crisis prepared evidence	Crisis Management and					
Communication Management and Communications preparables size crisis, and communication reviews 500 Miles (1985) preparables size crisis preparables si	Communications Planning	Corporate Training Evidence	corp_crisis_training_evidence	String	Not NULL	textbox, verification examples of evidence consulted
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Comminisations Planning Comminisations Results Comminisations	Communications Planning	Facility Preparedness	site_crisis_and_communication_preparedness	String	Not NULL	yes, no
Crisis Maragement and Communications Princing Active Prevention Child and Forced Labour Prevention of Child and Forced Labour Prevention Office Child Labour Prevention Chil	Crisis Management and					
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Griss Management and Communications Naming Facility Review Evidence steeping 5 steeping	Crisis Management and					
Communications Planning Criss Management Accommunications Planning Criss Management Accommunications Planning Communications P	Communications Planning	Facility Review	site_crisis_and_communication_review	String	Not NULL	yes, no
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Crisis Management and Communications Planning Funders String Non-NULL textbox, verification examples of evidence consulted strong Prevention of Child and Forced Labour Preventing Forced Labour United (1) and Forced Labour Preventing Forced Labour Preventing Child Labour Preventing Child Labour Preventing Child Labour Book (1) and Forced Labour (1) and Forced La	Crisis Management and					
Communications Planning Facility Training Jeddence ste_crisis_training_evidence String Not NULL Excision, verification examples of evidence consusted Teverenting forced Labour Preventing forced La	Communications Planning	Facility Training	site_crisis_and_communication_training	String	Not NULL	yes, no
Prevention of Child and Forced Labour Prevention of Child and Forced L	Crisis Management and					
Labour Preventing Forced Labour Individual preventing forced Labour Preventing Child and Preventing Child Labour Preventing Child	Communications Planning	Facility Training Evidence	site_crisis_training_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Prevention of Child and forced Labour Evidence String Not NULL textbox, verification examples of evidence consulted						
Labour Prevention of Child and forced Labour Prevention (Child Labour Prevention Child Labour Evidence Industry Prevention Child Labour Evidence Industry Prevention Child Labour Evidence Industry		Preventing Forced Labour	labour_forced_q1	String	Not NULL	yes, no - preventing forced labour, reported during external verification only
Prevention of Child and Forced Labour Preventing Child Labour (Child and Forced Labour Prevention of Child a						
Labour Prevention Child Jabour Iabour Child q2 String Not NULL ves. no - preventing child labour, reported during external verification only Prevention of Child Jabour Evidence Iabour Child q2 evidence String Not NULL ves. no - preventing child labour, reported during external verification only Prevention Child Jabour Evidence Iabour Child q2 evidence String Not NULL textbox, verification examples of evidence consulted Iabour Child q2 Evidence String Not NULL Ievels CAAA, coporate level management Iabour Child q2 Evidence String Not NULL Ievels CAAA, Stellevel management Iabour Child q2 Evidence String Not NULL Ievels CAAA, Stellevel management Iabour Child q2 Evidence String Not NULL Ievels CAAA, Stellevel management Iabour Child q2 Evidence Every Q2 Evidence Every Q3 Evidence Every Q4 Evidence Every Q5 Evidence Every Q4 Evidence Every Q4 Evidence Every Q5 Evidence Every Q5 Evidence Every Q6 Evidence Every Q6 Evidence Every Q6 Evidence Every Q7 Evidence		Preventing Forced Labour Evidence	labour_forced_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Prevention of Child and Force Labour Preventing Child Labour Evidence Labour Preventing Child Labour Evidence Labour Preventing Child Labour Evidence Labour Child String Not NULL Evidence Strin						
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Energy, Use & GHG Emissions Management Systems energy_q1_evidence string Not NULL levels C - AAA, caporate level management energy_q1_evidence string Not NULL levels C - AAA, site level management streams with the string of th						
Management Systems energy_q1_evidence		Preventing Child Labour Evidence	labour_child_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Entry Use & GHG Emissions Management Energy Use & GHG Emissions Management Planning/Implementation Eloidversity Conservation Management Energy Use & GHG Emissions Management Energy Use & GHG Emissions Management Planning/Implementation Eloidversity Conservation Management Energy Use & GHG Emissions Energy Use & GHG Emissions Energy Use & GHG Emissions Energy Use & GHG Emi	Energy Use & GHG Emissions					
Management Management Reporting Systems energy_q2 String Not NULL textbox, verification examples of evidence consulted	-	Management Systems	energy_q1	String	Not NULL	levels C - AAA, coporate level management
Energy Use & GHG Emissions Management Corporate Commitment Diodiversity Conservation Management Energy Use & GHG Emissions Energy Use & GHG Emissions Management Energy Use & GHG Emissions Ene	1					
Management Reporting Systems energy_q2 String Not NULL levels C - AAA, site level management Energy Use & GHG Emissions Management Performance Targets energy_q3 String Not NULL levels C - AAA, site level management Energy Use & GHG Emissions Management Performance Targets energy_q3 String Not NULL levels C - AAA, site performance targets and reporting Energy Use & GHG Emissions Management Performance Targets energy_q3 evidence String Not NULL levels C - AAA, site performance targets and reporting Energy Use & GHG Emissions Management Performance Targets evidence energy_q3 evidence String Not NULL levels C - AAA, site performance targets and reporting Energy Use & GHG Emissions Management Corporate Commitment biodiversity_conservation_q1 String Biodiversity Conservation Management Corporate Commitment Evidence biodiversity_conservation_q1 String Biodiversity Conservation Management Pianning/implementation biodiversity_conservation_q2 String Biodiversity Conservation Management Pianning/implementation Evidence biodiversity_conservation_q3 String Biodiversity Conservation Management Reporting/Performance biodiversity_conservation_q3 String Management Reporting/Performance biodiversity_conservation_q3 String Management Pianning/implementation Evidence biodiversity_conservation_q3 String Management Pianning/Performance biodiversity_conservation_q3 String Management Pianning/Performance biodiversity_conservation_q3 String Management Pianning/Performance Evidence biodiversity_conservation_q3 String Management Pianning/Performance Evidence String Management Pianning/Performance biodiversity_conservation_q3 String Management Pianning/Performance Evidence String Management Pianning/Performan		Management Systems Evidence	energy_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
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Biodiversity Conservation Management Biodiversity Conservation Management Planning/Implementation Biodiversity Conservation Management Planning/Implementation Evidence Biodiversity Conservation Management Reporting/Performance Biodiversity Conservation Management Reporting/Performance Biodiversity Conservation Management Planning/Implementation Evidence Biodiversity Conservation Management Planning/Implementation Evidence Biodiversity Conservation Management Planning/Implementation Evidence Biodiversity Conservation Management Planning/Implementation Biodiversity Conservation Management Man	· ·	Corporate Commitment Evidence	hindiversity conservation at evidence	String	Not NIII	taythay varification axamples of avidence consulted
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Tailings Management Management tailings_management_q2 String Not NULL levels C - AAA, management system and emergency preparedness Tailings Management Management Evidence tailings_management_q2_evidence String Not NULL levels C - AAA, assigned accountability and responsibility Tailings Management Accountability/Responsibility tailings_management_q3 String Not NULL levels C - AAA, assigned accountability and responsibility Tailings Management Accountability/Responsibility Evidence tailings_management_q3_evidence String Not NULL levels C - AAA, assigned accountability and responsibility Tailings Management Annual Review tailings_management_q4 String Not NULL levels C - AAA, assigned accountability and responsibility Tailings Management Annual Review tailings_management_q4 String Not NULL levels C - AAA, annual review Tailings Management Annual Review Evidence tailings_management_q4_evidence String Not NULL textbox, verification examples of evidence consulted Tailings Management OMS Manual tailings_management_q5 String Not NULL levels C - AAA, operation, maintenance, and surveillance Tailings Management OMS Manual Evidence tailings_management_q5_evidence String Not NULL levels C - AAA, water governance		•				
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water stewardship Governmence Evidence water stewardship String Not Note textbox, verification examples of evidence consulted	Water Stewardship	Governance Evidence	water_stewardship_q1_evidence	String		textbox, verification examples of evidence consulted
Water Stewardship Operational Management water_stewardship_q2 String Not NULL levels C - AAA, operational management		Operational Management		String	Not NULL	levels C - AAA, operational management
Water Stewardship Operational Management Evidence water_stewardship_q2_evidence String Not NULL textbox, verification examples of evidence consulted	Water Stewardship	Operational Management Evidence		String	Not NULL	textbox, verification examples of evidence consulted
Water Stewardship Watershed Planning water_stewardship_q3 String Not NULL levels C - AAA, watershed-scale planning	Water Stewardship	Watershed Planning		String	Not NULL	levels C - AAA, watershed-scale planning
Water Stewardship Watershed Planning Evidence water_stewardship_q3_evidence String Not NULL textbox, verification examples of evidence consulted	Water Stewardship	Watershed Planning Evidence			Not NULL	textbox, verification examples of evidence consulted

Schema Nan	ne tsm-performance-2021				
Credential Nan	ne 2021 TSM Performance Credential				
Category	Name	Attribute	Format	Rules	Description
Water Stewardship	Reporting/Performance	water_stewardship_q4	String	Not NULL	levels C - AAA, reporting and performance
Water Stewardship	Reporting/Performance Evidence	water_stewardship_q4_evidence	String	Not NULL	textbox, verification examples of evidence consulted