

JULY 2025

CENTURY TAILINGS STORAGE FACILITY (TSF)

DETAILS OF TAILINGS STORAGE FACILITY

Tailings Storage Facility (TSF) Name	Century TSF
Operation	Century Resources
Operational Status	Undergoing re-mining
Operating region	Australia
Location	Queensland
Latitude, Longitude	-18.7842°, 138.6448°
Ore Source	Zinc, originally from opencast pit
Type of Storage Facility	Constructed in the upstream direction, current tailings are being deposited in the worked-out pit
Re-mining Methodology	Hydraulic re-mining
Year of Commissioning	1998
Consequence Classification (GISTM, 2020)	High
Operating Contractor	Internal team with appropriate level of experience
Engineer of Record (EoR)	ATC Williams
Current Maximum Height (m)	26.5m
Final Maximum Height (m)	0m (Natural ground level)
Re-mining rate (tons/month)	720 000 (990tph)
Life of TSF (year)	2027



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TECHNICAL ASPECTS:

Adopted Factor of Safety (FoS)	Australian National Committee on Large Dams (ANCOLD) (July 2019)
Stability Assessment and Mitigation Measures (if applicable)	Stability assessments undertaken annually by ATC Williams
Dam Breach Assessment	The evaporation dam is designed to capture ant potential discharge from a dam breach
Area of Inundation	Extent limited to the evaporation dam
Summary of Human Exposure	Extremely low, the operation is located in a remote area with 0.00887 people per km ²

DOCUMENTATION:

OMS Manual	Updated 2024
Dam Safety Review (DSR)	Annual ATC Williams Regulated Structure report – 2024
Design Basis Report (DBR)	Not applicable
Environmental Management Programme (EMPr)	Environmental management plan is in place with ongoing concurrent rehabilitation

SURVEILLANCE

Surveillance Frequency

Daily, weekly, monthly as specified in the OMS

Surveillance Technology

Drone inspections. PRISM monitoring

Phreatic Surface Levels & Pore Pressure Measurements

Not applicable due to limited remaining height of TSF

RISK MANAGEMENT / EMERGENCY PREPAREDNESS:

Risk Assessment

Failure Mode Analysis

Risk Management

Site specific OMS

Site Specific Emergency Preparedness & Response Plans (EPRP)

Site Emergency Management Plan is in place

CLOSURE & POST CLOSURE

Closure Planning

In place part of PRCP closure works

Closure Costing

Closure financial facility in place as part of ERC

Asset Insurance Cover

In place

INDEPENDENT REVIEWS

Senior Technical Independent Reviewer

Unnecessary due to the current status and limited remaining life of the TSF

Performance Reviews

ATC Williams



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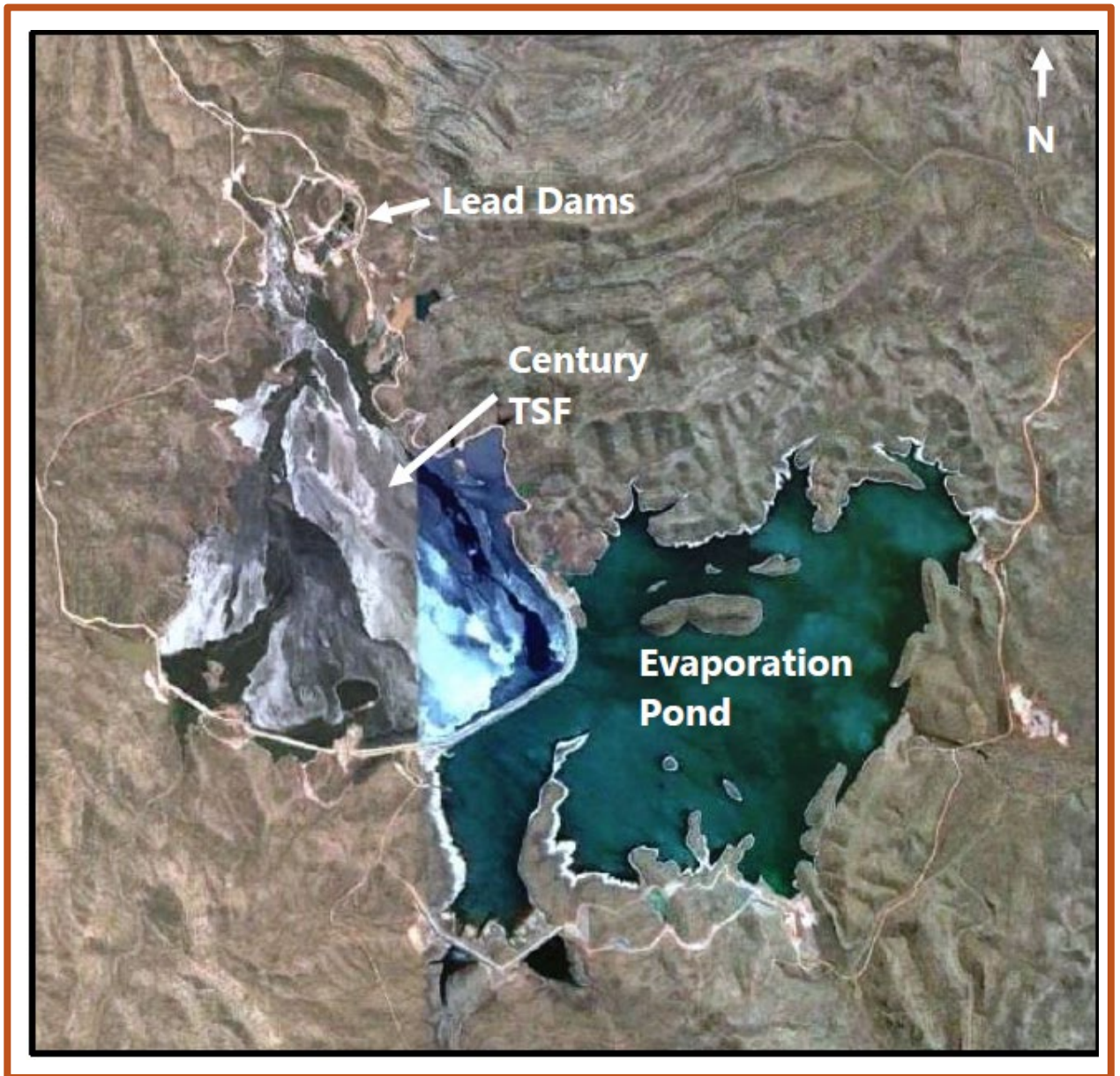


Figure 1: Layout of Century TSF and Evaporation Dam



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