

Far West Gold Recoveries

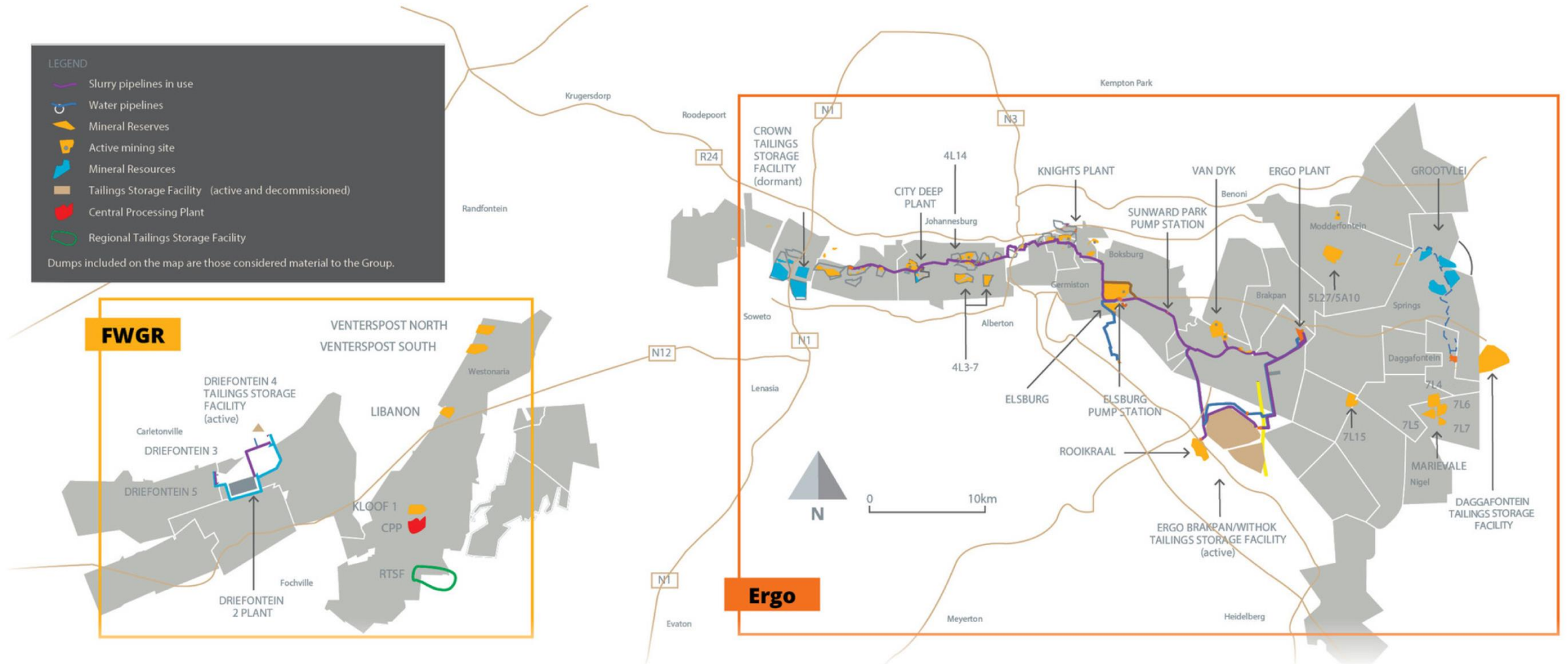
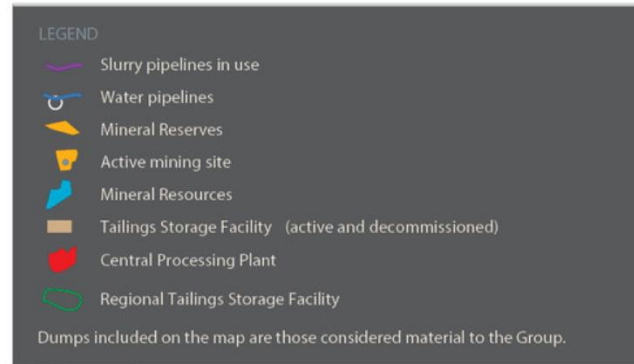
Phase II expansion



**A world-class,
best-practice project**

RTSF webinar
Jaco Schoeman, Chief Operating Officer, DRDGOLD
25 November 2025

RTSF: location and accessibility



Scaling responsibly for the next 30 years



Scale

Vision 2028 aims to expand group throughput to 3Mtpm, increase gold output to six tonnes a year



Efficiency

Lower real unit costs, stable dividends



Sustainability

30-year life secured, supports future expansion, reduces environmental footprint and operational complexity



Linked to DP2 expansion (doubling capacity to 1.2Mtpm) and 135km of slurry pipelines connecting plant and RTSF

A global first in scale and technology

Total capacity:

800 million tonnes (Mt)

Design life:

30 years, final height 108m

Deposition rate:

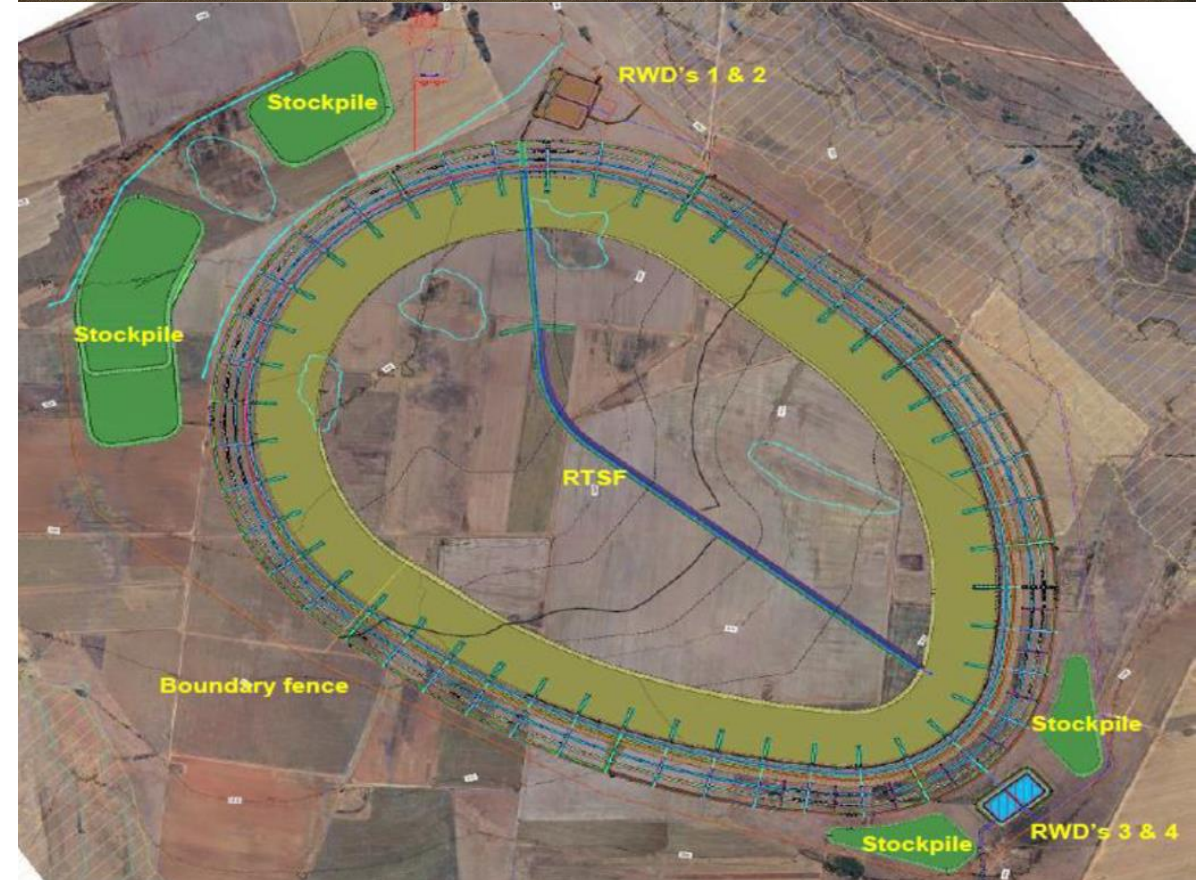
1.2Mtpm (Y1–3), 1.8Mtpm (Y4–6), 2.4Mtpm (Y7+)

Stage 1 capacity:

278Mt (12 years); Stage 2: 522Mt (18 years)

Engineered with **synthetic liner, drainage system,** and **real-time monitoring network**

RTSF aligns with **global environmental (GISTM) standards** and DRDGOLD's circular economy model



In context

Main components and size

Focus is on four main design components:

1. Floor preparation and lining
2. Starter wall construction
3. Drainage and water recovery
4. Rehabilitation

RTSF = 133 FNB Stadiums
RWDs = 18 Olympic-size swimming pools each

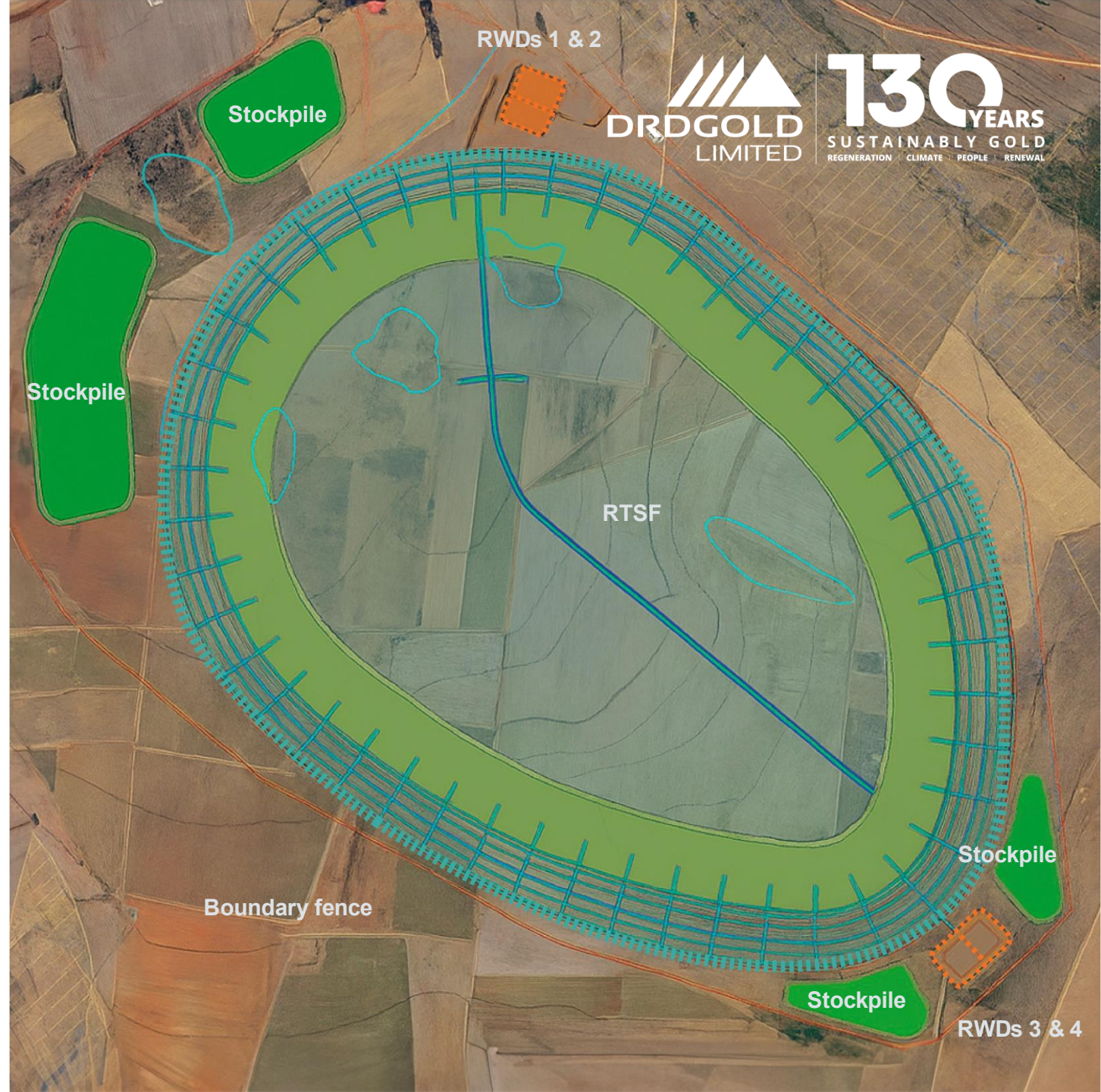




Image © 2025 Airbus

Google Earth

In context

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7

Return water dams (RWD) 3 & 4

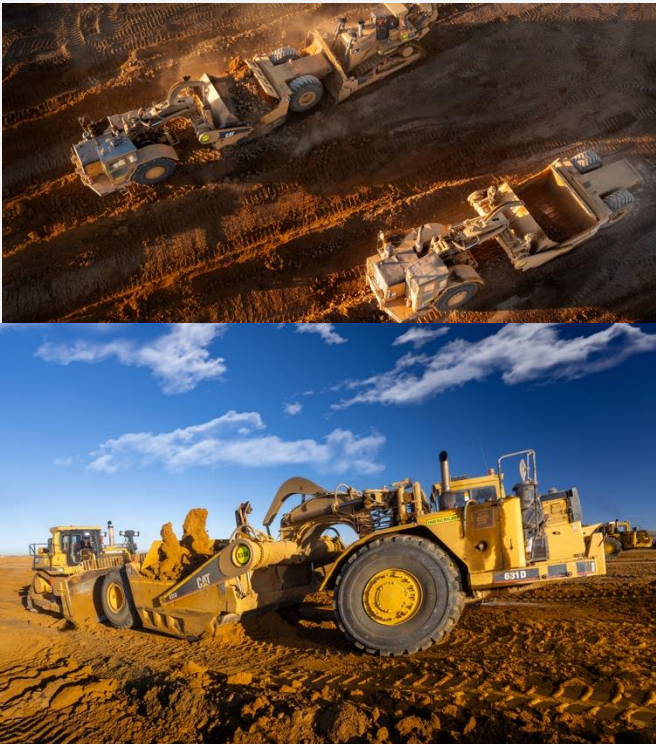




Surface preparation for liner and drainage

Step 1:

Topsoil removal followed by clear and grub



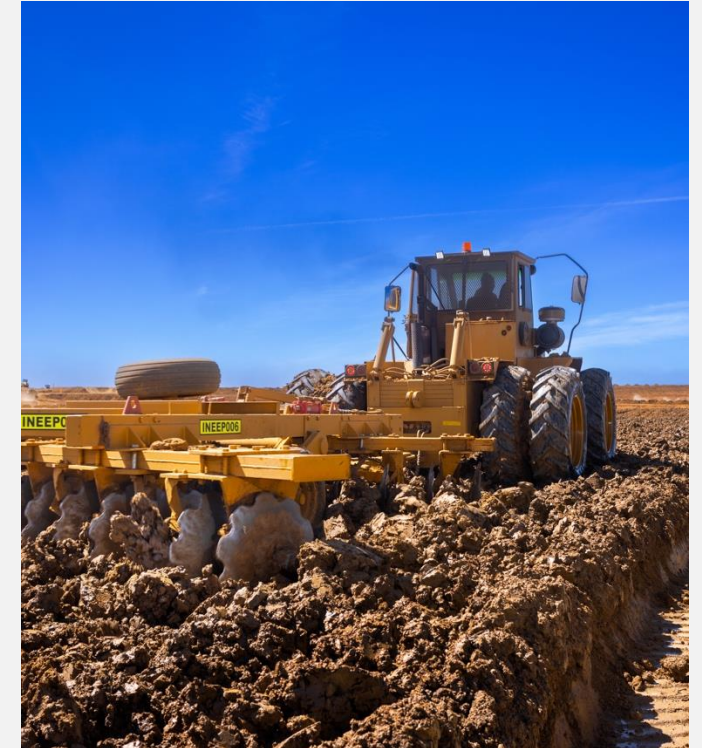
Step 2:

In-dam borrow pit for wall construction



Step 3:

Rip foundation clay layer



Surface preparation for liner and drainage *cont.*

Step 4:

Adding water to ensure moisture content correct



Step 5:

Levelling and compaction to achieve correct density and compaction



Surface preparation for liner and drainage *cont.*

Step 6:

If QC inadequate, rip up, rewater and recompact until QC passed



Step 7:

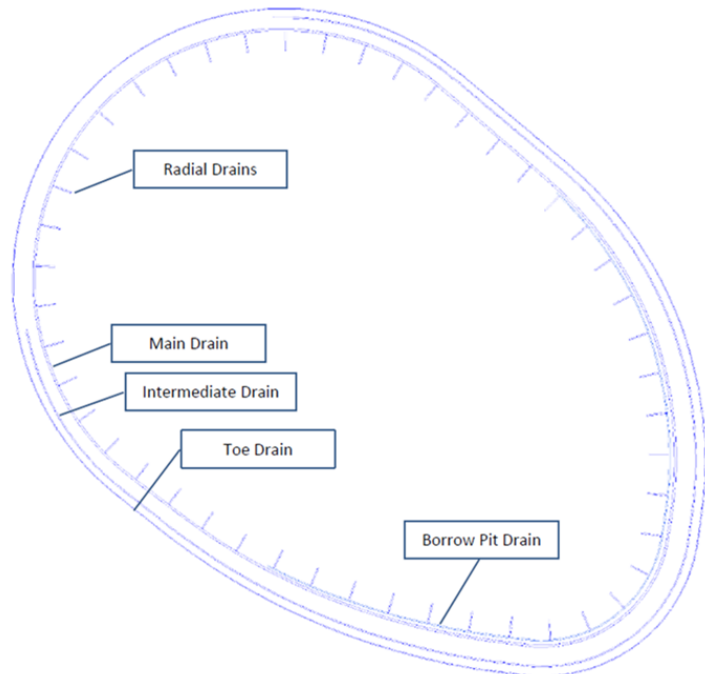
Once QC passed, installation of liner begins

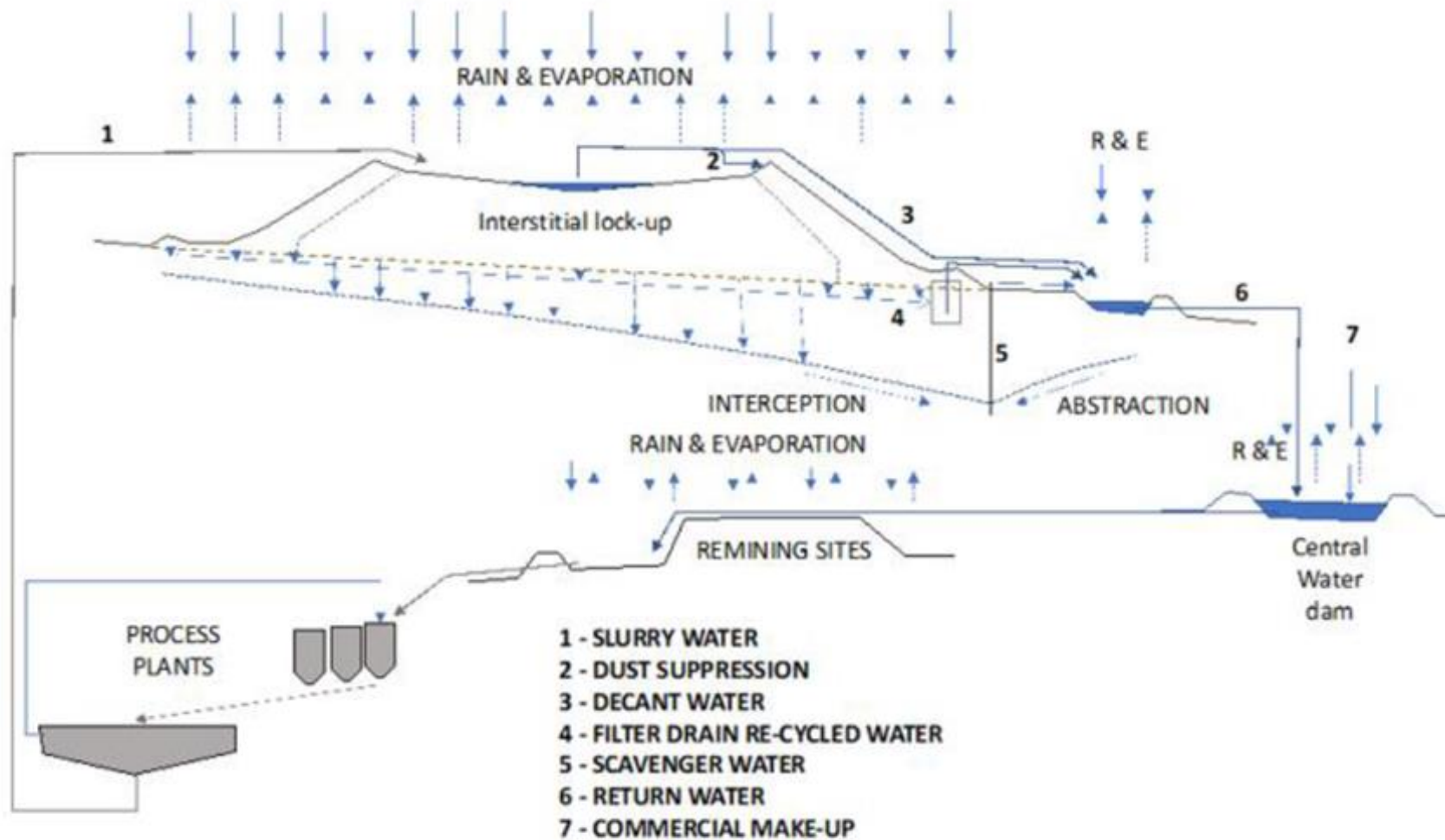




Water management and control

- **Installation of radial drains** to collect water, remove off base of dam and return for processing purposes
- Various drains installed for the sole purpose of **collecting water from the base of the RTSF.**
- Assisting in **stability and water reticulation**





Water management and control

Approximately 60% of the water co-deposited on to the RTSF is returned to the operation for reclamation purposes.

Construction progress (FY2025)

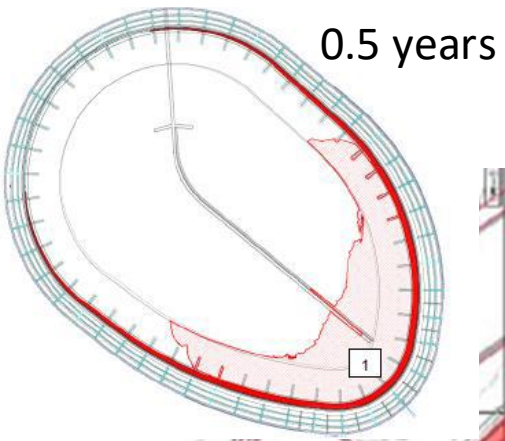
>6.5 million m³ of earth moved for floor prep and starter wall and topsoil stockpiling

1.2 million m² of liner installed; 8,5 million m² still to follow

135 km pipeline construction is **90% complete**

On track for commissioning alongside DP2 plant completion (Q1 FY2027)





Timelines and outlook

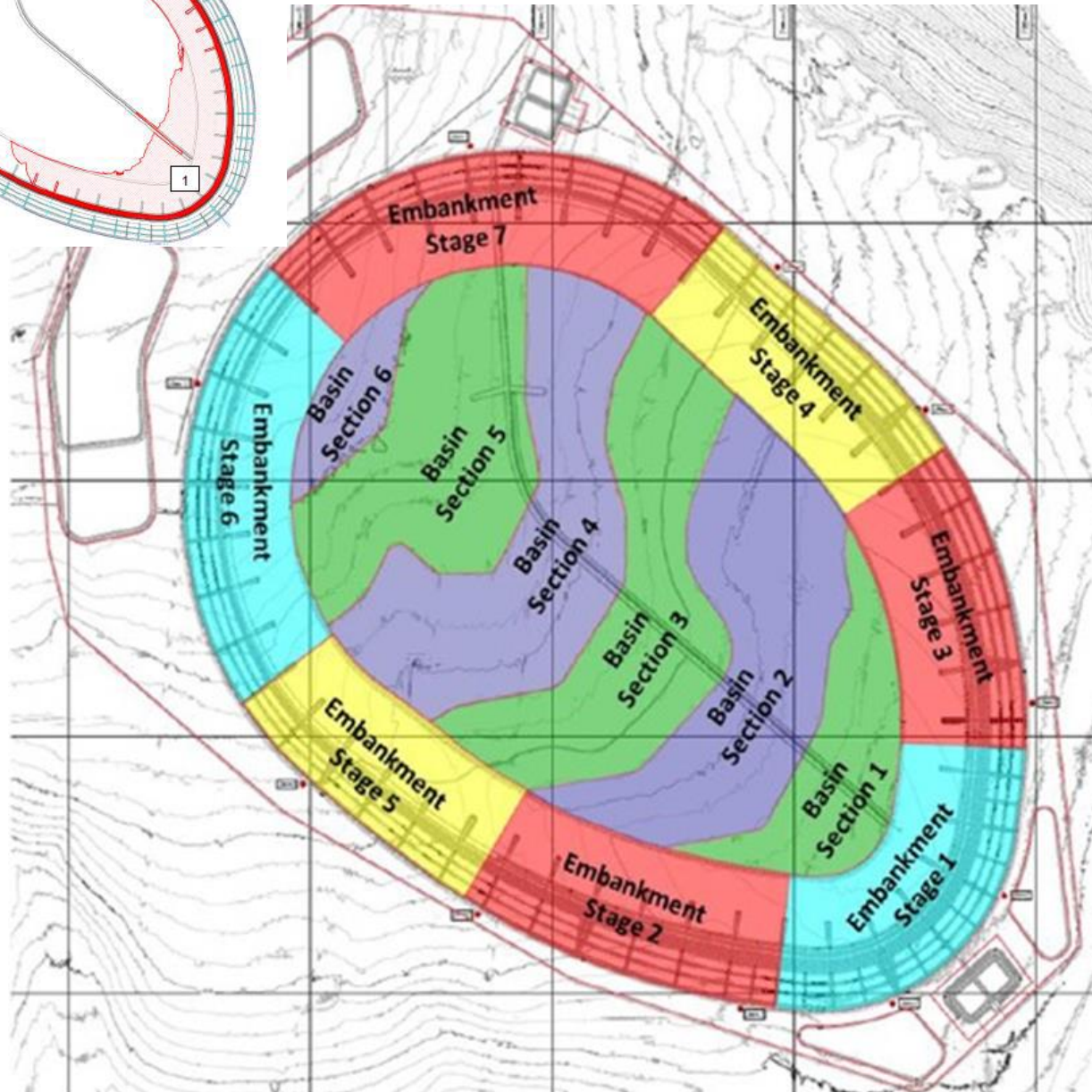
Q1 FY2027 - Beneficial occupation

1. Stage 1,2 and 3 required
2. 135km of pipelines connecting DP2
 - 2 x slurry lines from DP2 to RTSF
 - 1 x return water pipeline from RTSF to DP2 and Libanon
3. DP2 plant extension – 600ktpm module

Q3 FY2027

Increase production to 1.2Mtpm

- 2027 onwards: Full throughput ramp-up and progressive rehabilitation
- RTSF secures DRDGOLD's tailings retreatment capacity for next 30 years on the Far West Rand



Quality assurance and control:

Laboratory and document management

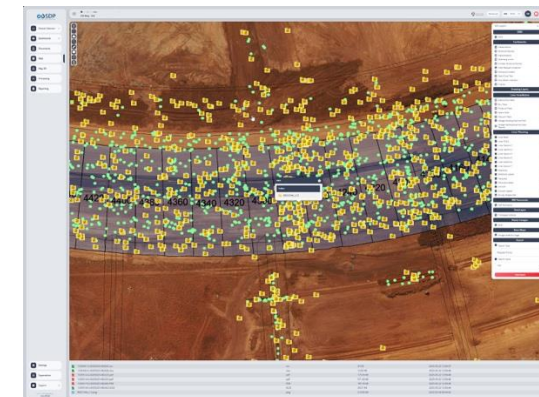
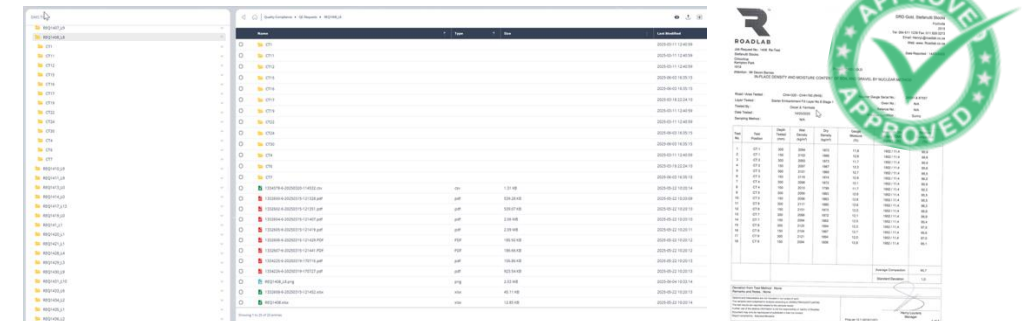
Linking lab results and documentation to every point

Highlights:

- Lab results automatically matched to field samples
- All relevant documents (test certificates, QA reports, photos) stored together
- Complete traceability from field to lab to final QA sign-off

Why QA/QC is critical:

- Most TSF failures stem from construction drift, not design flaws.
- Strong QA/QC keeps every lift, layer and compaction cycle to spec
- This protects integrity and creates the traceable record regulators expect.



FILL LAYER THICKNESS EVALUATION					
Reference	REQ 1408				
Description	Starter Embankment Fill no. 8 CH4+320 to CH4+760(RHS)				
Date	3/14/2025				
Depth m	Cut m3	Fill m3	Actual	Target	
0.000 to 0.050	0	690.957			
0.050 to 0.100	0	689.312			
0.100 to 0.150	0	687.196			
0.150 to 0.200	0	677.109			
0.200 to 0.250	0	689.963			
0.250 to 0.300	0	535.296			
0.300 to 0.350	0	204.626	4.90%	%	<5% OK
0.350 to 0.400	0	0	0.00%	%	<0% OK
Total	0	4174.46			
FINAL FILL AREA:	14137.8	m2			
FILL VOLUME:	4174.46	m3			
AVG LIR Thickness:	0.29527	m			<0.3m OK
Layer Thickness Outcome:		REQ 1408	PASS		

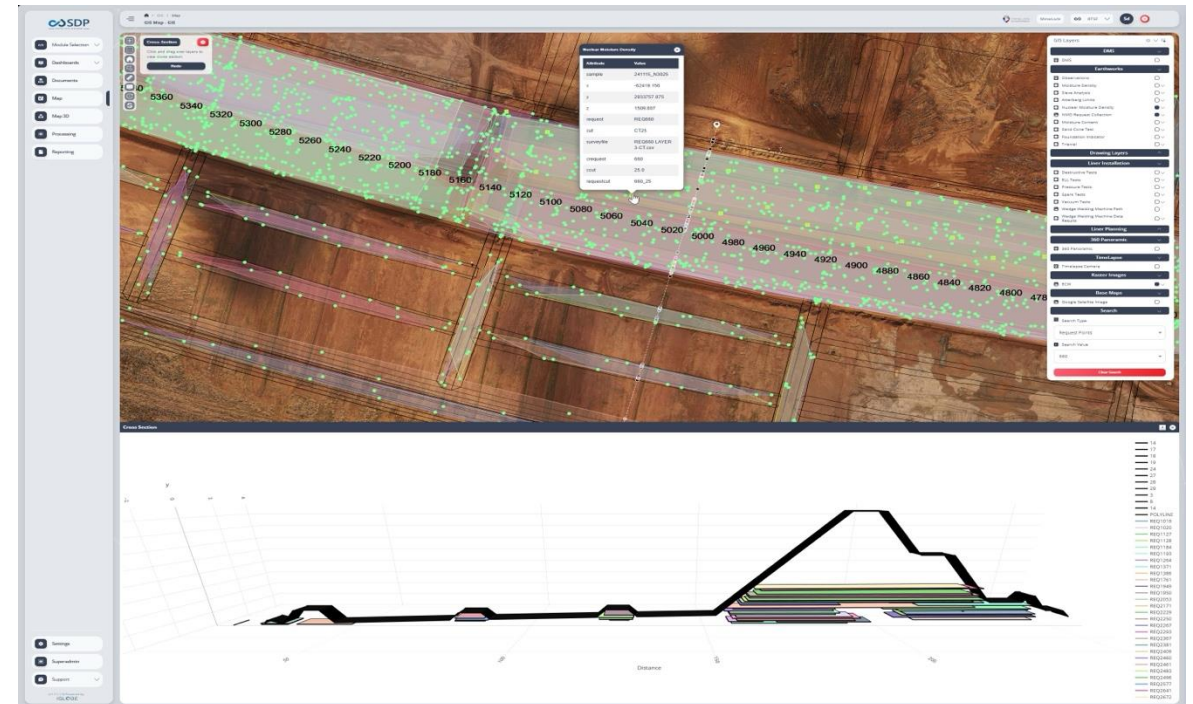
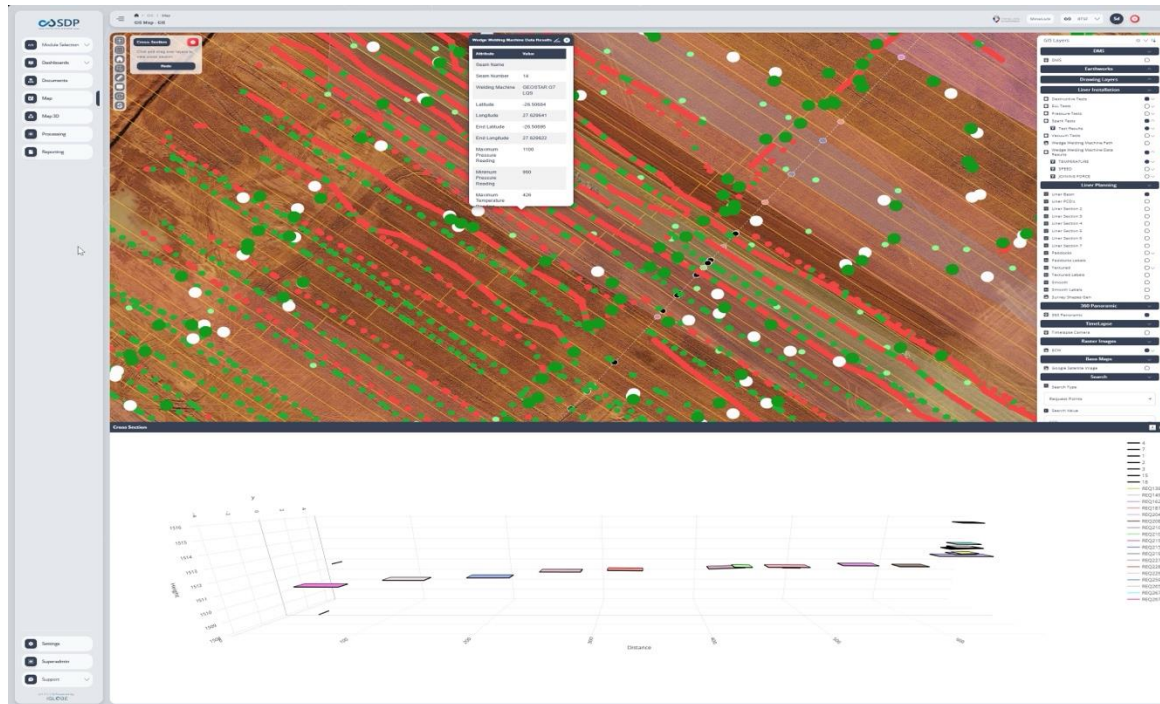


Real-time data

As-built vs. planned validation (2D & 3D mapping + section analysis)

Connecting data for true verification

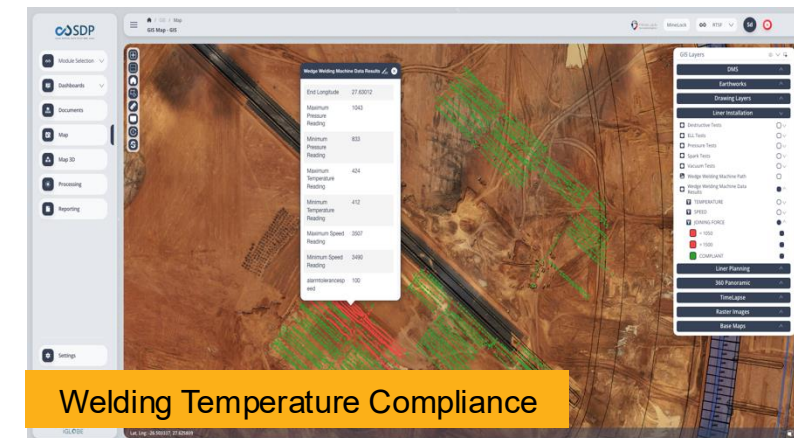
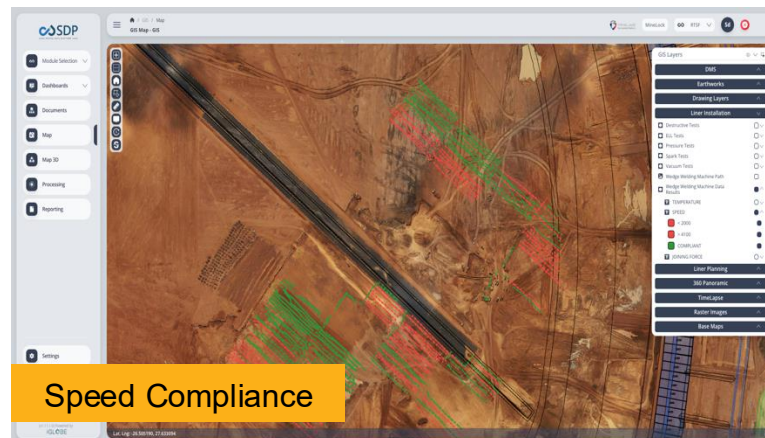
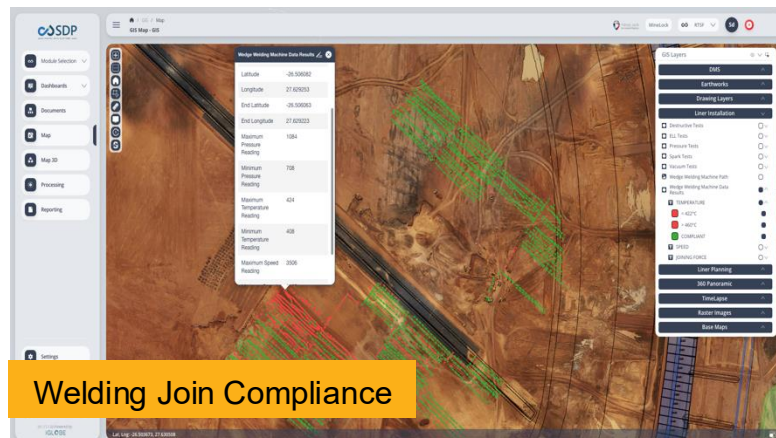
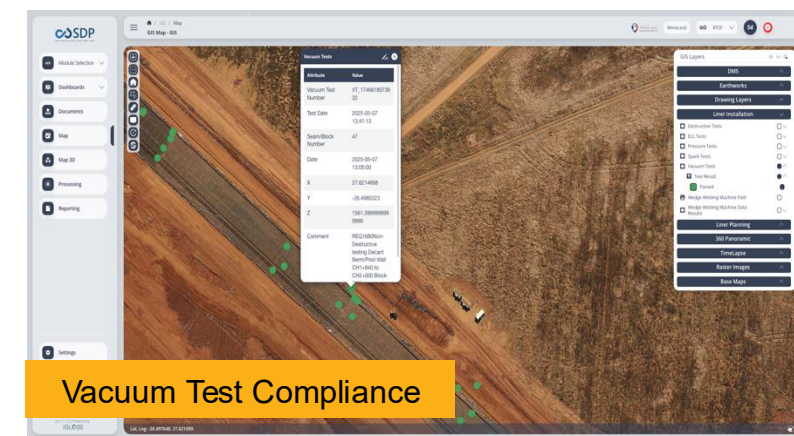
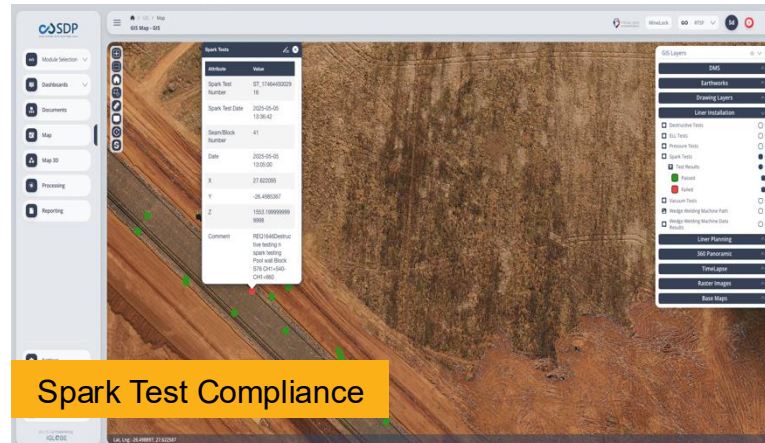
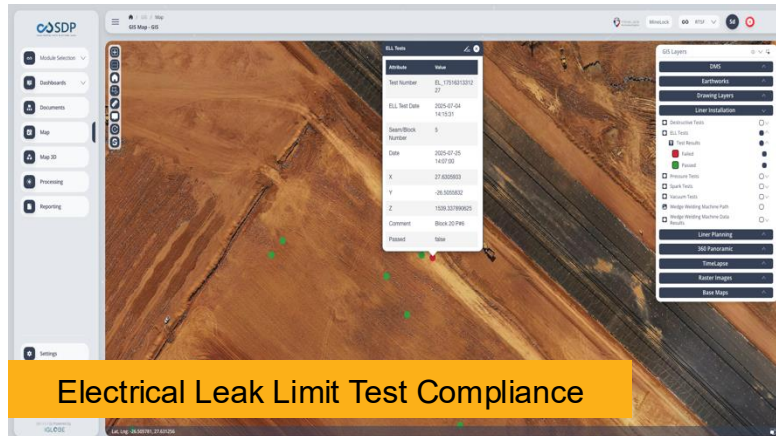
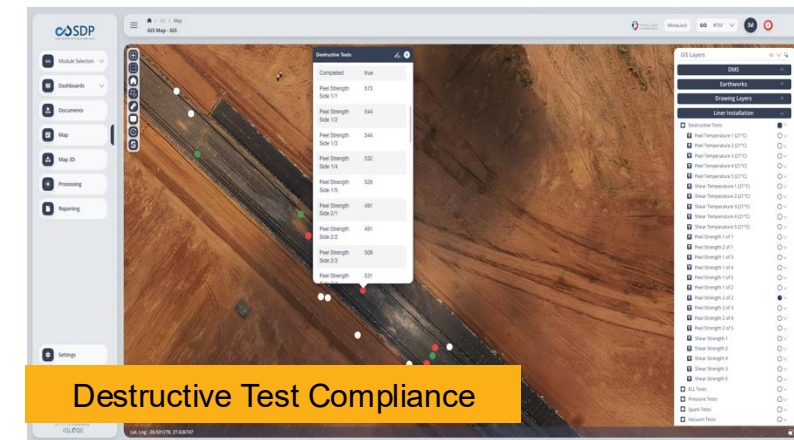
- Define areas of interest to evaluate as-built versus planned conditions
- Overlay planned design layers with measured compaction and elevations
- Immediate identification of deviations from design targets
- Generate both 2D and 3D maps of tailings construction progress
- Use the section tool to cut cross-sections through design and actual surfaces
- Validate compaction thickness, layer consistency, and elevation accuracy

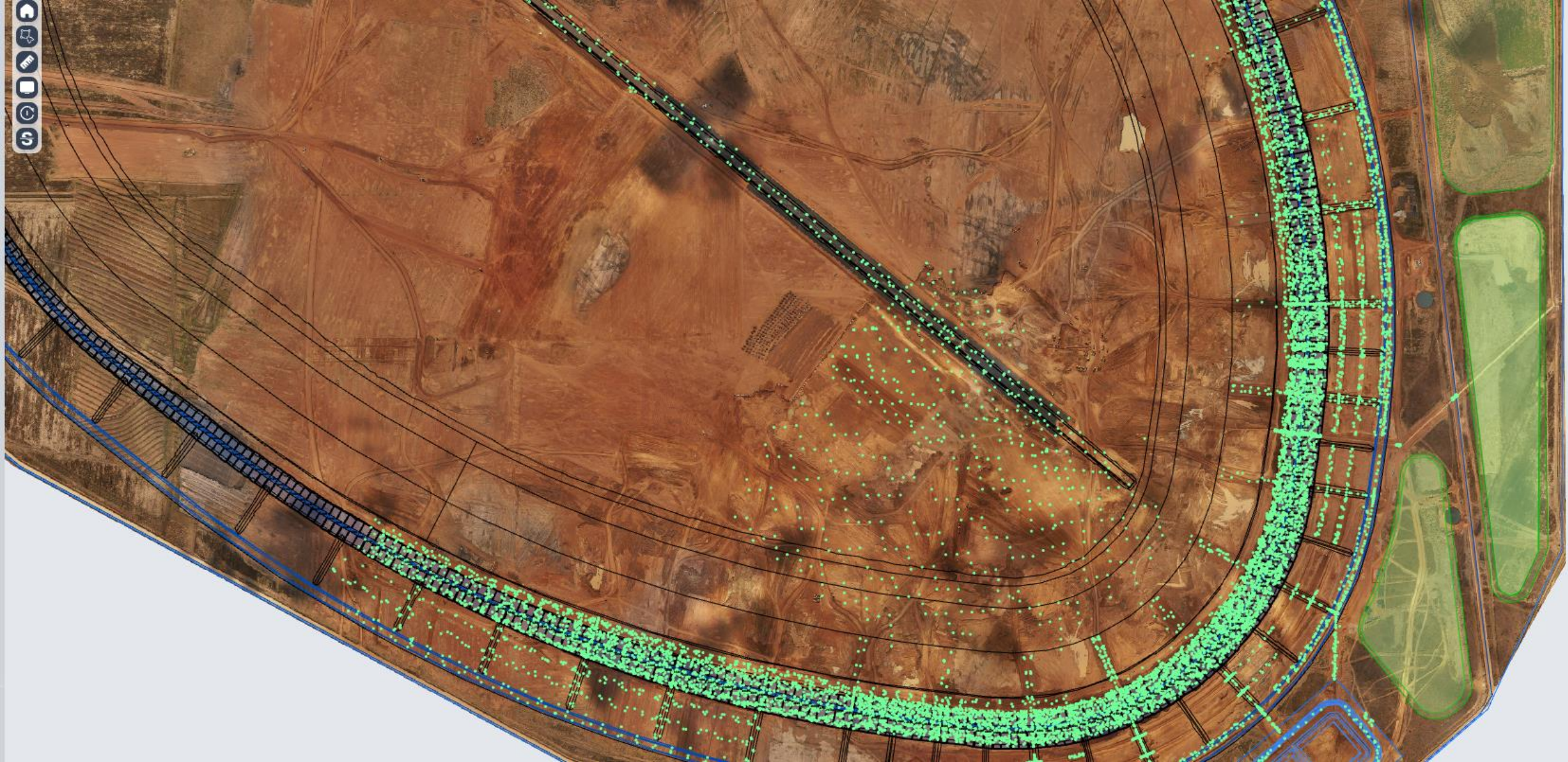


HDPE liner and weld tracking

Automated QA of liner and weld quality

- Welding machine data **automatically** captured and linked to specific weld lines
- Geo-tagged weld records ensure complete QA/QC **traceability**
- Simplifies regulatory reporting and ensures **compliance** assurance





±35 000 points on 1000Ha and we are only warming up

Sustainability and quality assurance

RTSF construction
includes concurrent
**rehabilitation design
principles**

Lessons applied from
successful **FWGR sites**
(Dams 3–5)
– soil treatment,
re-vegetation, wildlife
return

Post-reclamation areas
targeted for **beneficial
reuse**

Quality assurance
processes via **real-time
live monitoring**
another world first



Concurrent TSF rehabilitation



Long-term strategic value for DRDGOLD

RTSF = foundation for long-term growth at FWGR

RTSF is on time (beneficial occupation Q1 FY2027)
and within budget

Enables safe, large-scale deposition and
environmental rehabilitation

Reinforces Vision 2028 with the potential for
growth beyond 2028 (1.8 Mtpm up to 2.4 Mtpm
over the next 7 years)