

LEGEND:

- CLEAN WATER CHANNELS
- DIRTY WATER CHANNELS
- POTABLE WATER PIPELINE
- DIVERSION / CONTAINMENT BERMS
- 1:100 YEAR FLOODLINE
- HAUL ROAD
- HAUL ROAD RE-ALIGNMENT
- PIPELINE (BY OTHERS)
- PUMPING MAIN (BY OTHERS)
- PENSTOCK OUTFALLS
- PIPE CULVERT CROSSINGS
- FINGER DRAIN COLLECTION TRENCH

COORDINATE SYSTEM
HARTEBEESTHOEK DATUM LO 31

REVISIONS

Rev	Date	Description	By

PROJECT STATUS

CONCEPT DRAWING DETAIL DESIGN DRAWING TENDER DRAWING APPROVED CONSTRUCTION DRAWING AS BUILT DRAWING

Design By: _____ Signature: _____ Date: _____
 Design Checked: _____ Signature: _____ Date: _____

Approval

For Client: Name: _____ Prof Reg No: _____
 Signature: _____ Date: _____

For Consulting Engineers: Name: _____ Prof Reg No: _____
 Signature: _____ Date: _____

Consultant Details

ECO ELEMENTUM
ENVIRONMENTAL & ENGINEERING

ECO ELEMENTUM (PTY) LTD
361 Oberon Ave
Glenfield Office Park
Nika Building, First Floor
Faerie Glen, Pretoria 0081
TEL: +27 (0)12 8070383

Client Details

PONIES KRANTZ FARM, PILGRIMS REST.
PO BOX 21, PILGRIMS REST
013 590 2050

CLIENT DRAWING NUMBER: _____

Project
TGME: STORMWATER MANAGEMENT AND WASTE DESIGNS - PHASE 1

Drawing Title
TSF LAYOUT PLAN

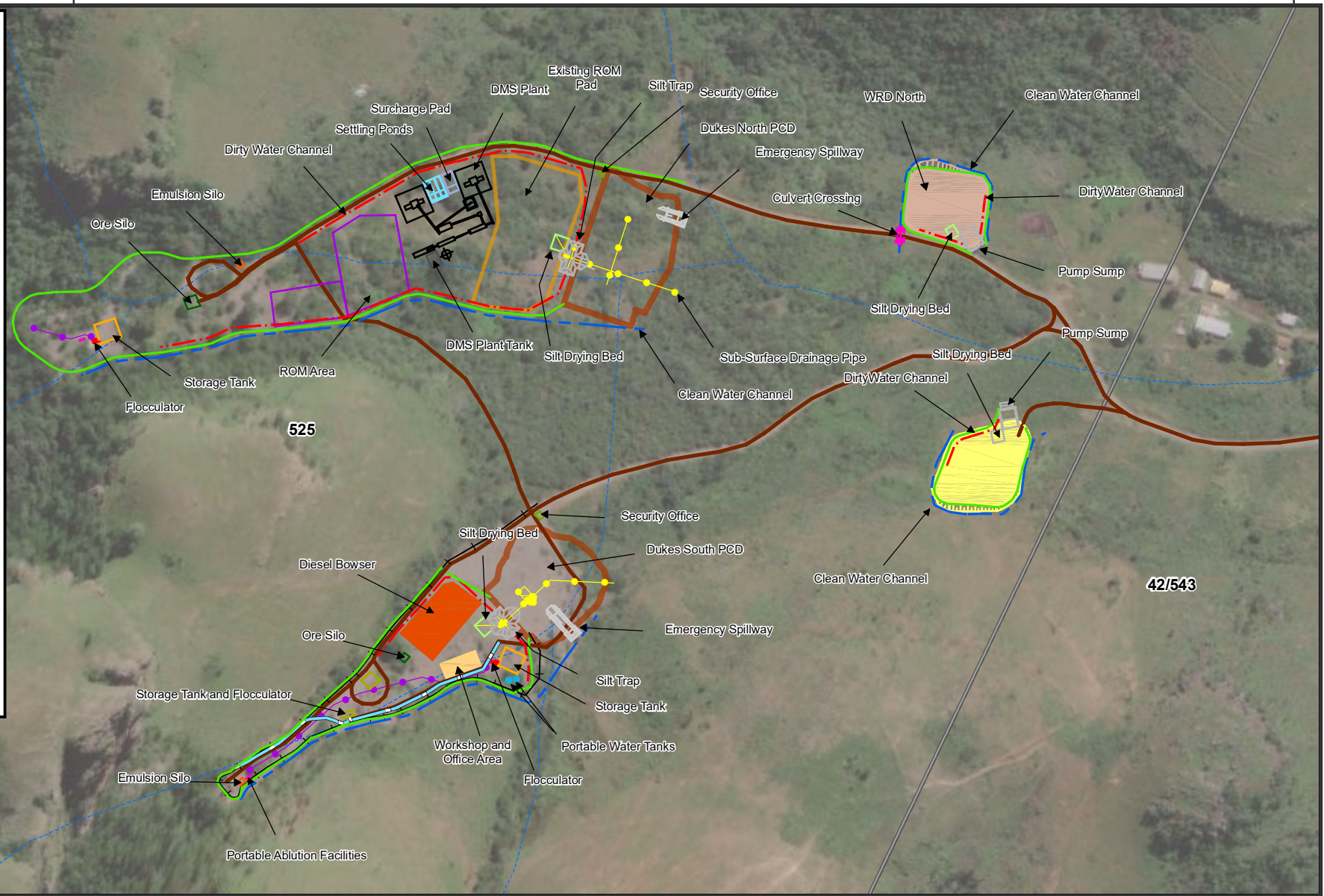
Paper Size: A1 Sheet: 1 of 1 Project No: 20-1313 Scale: AS SHOWN Revision:

CONSULTING ENGINEER'S DRAWING NUMBER:
20-1313-DDR-TSF-XXX

30°43'30"E

30°44'0"E

- Legend**
- Clean Water Channel
 - Culvert Crossing
 - DMS Plant
 - DMS Plant Tank
 - Dirty Water Channel
 - Fence Line
 - Diversion/ Containment Berms
 - Electrical Supply
 - Emergency Spillway
 - Emulsion Silo
 - Existing ROM Stockpile
 - Flocculator
 - Generator and Sub-Station
 - Haul Road
 - Ore Silo
 - Pipeline (By Others)
 - ROM Area
 - Security Office
 - Settling Ponds
 - Silt Drying Bed
 - Silt Trap
 - Storage Tank
 - Sub-Surface Drainage Pipe
 - Surcharge Pad
 - Vehicle Drift
 - WRD North
 - WRD South
 - Ablution Facilities
 - Diesel Bowser
 - Potable Water Tanks
 - Store Lay Down Yard
 - Temporary Diesel Genset and Mini Sub-Station
 - WRD North Platform 1
 - WRD South Platform 2
 - Workshop Area
 - Existing ROM Pad
 - PCD



Geographic Coordinate System:
WGS 84 Geographic

**MR 83
Dukes Infrastructure
Map**

0 25 50 100 Meters



Legend

- Non-perennial river
- Farm Portion
- Parent Farm

Project: TGME Stakeholder Engagement Strategy |
 Drawn By: TH Phoko | Reviewed By: NK Ndala |
 Date: 24 January 2022 | Ref: TGME#003 |
 Data Source: ESRI Imagery |
 Projection: Geographic | Datum: WGS84 |
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30°43'30"E

30°43'45"E

- Legend**
- Clean Water Channel
 - Dirty Water Channel
 - Diversion/ Containment Berms
 - Electrical Supply
 - Emergency Spillway
 - Emulsion Silo
 - Fence Line
 - Flocculator
 - Haul Road
 - Outlet Structure
 - Pipeline (By Others)
 - Pressure Pump Line (By Others)
 - Pump Sump
 - Security Office North
 - Silt Drying Bed
 - Silt Trap
 - Storage Tank
 - Vehicle Drift
 - Ablution Facilities
 - Diesel Tanks
 - Drainage Crossing
 - Mining Store
 - Ore Silo
 - Potable Water Tanks
 - Reservoir
 - Security Office North
 - Septic Tank
 - Store Lay Down Yard
 - Temporary Diesel Genset and Mini Sub-Station
 - Workshop Area
 - PCD
 - Existing ROM Stockpile



Geographic Coordinate System:
WGS 84 Geographic

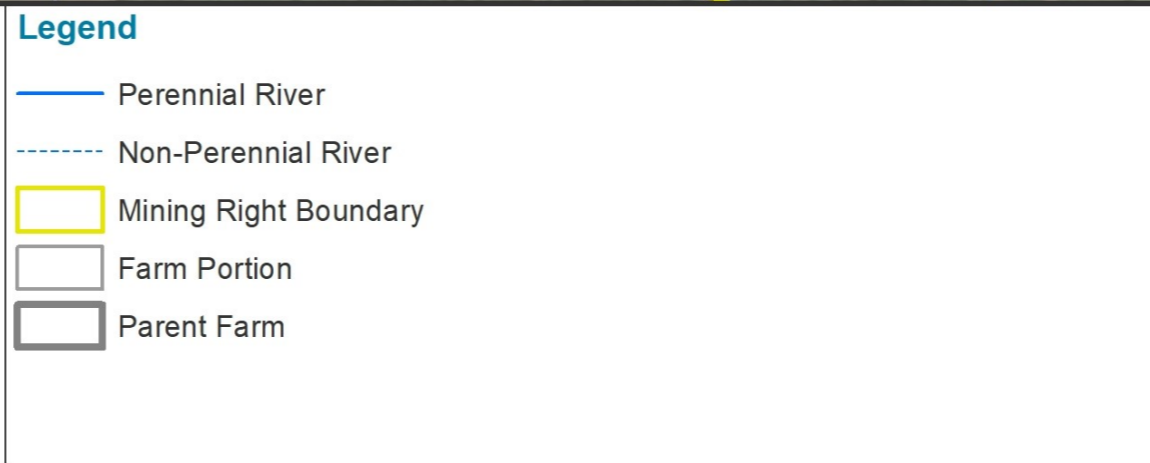
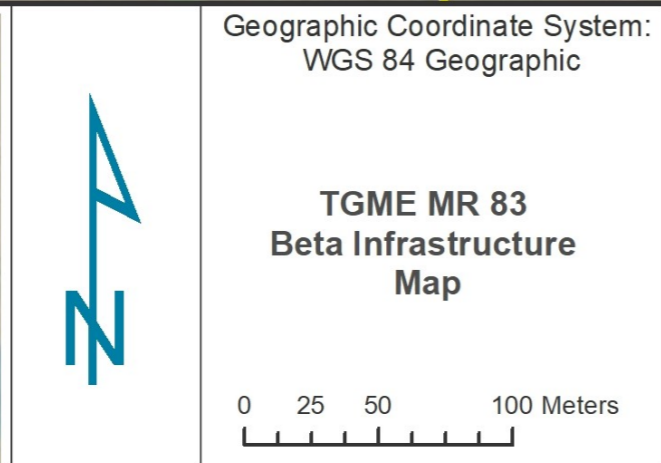
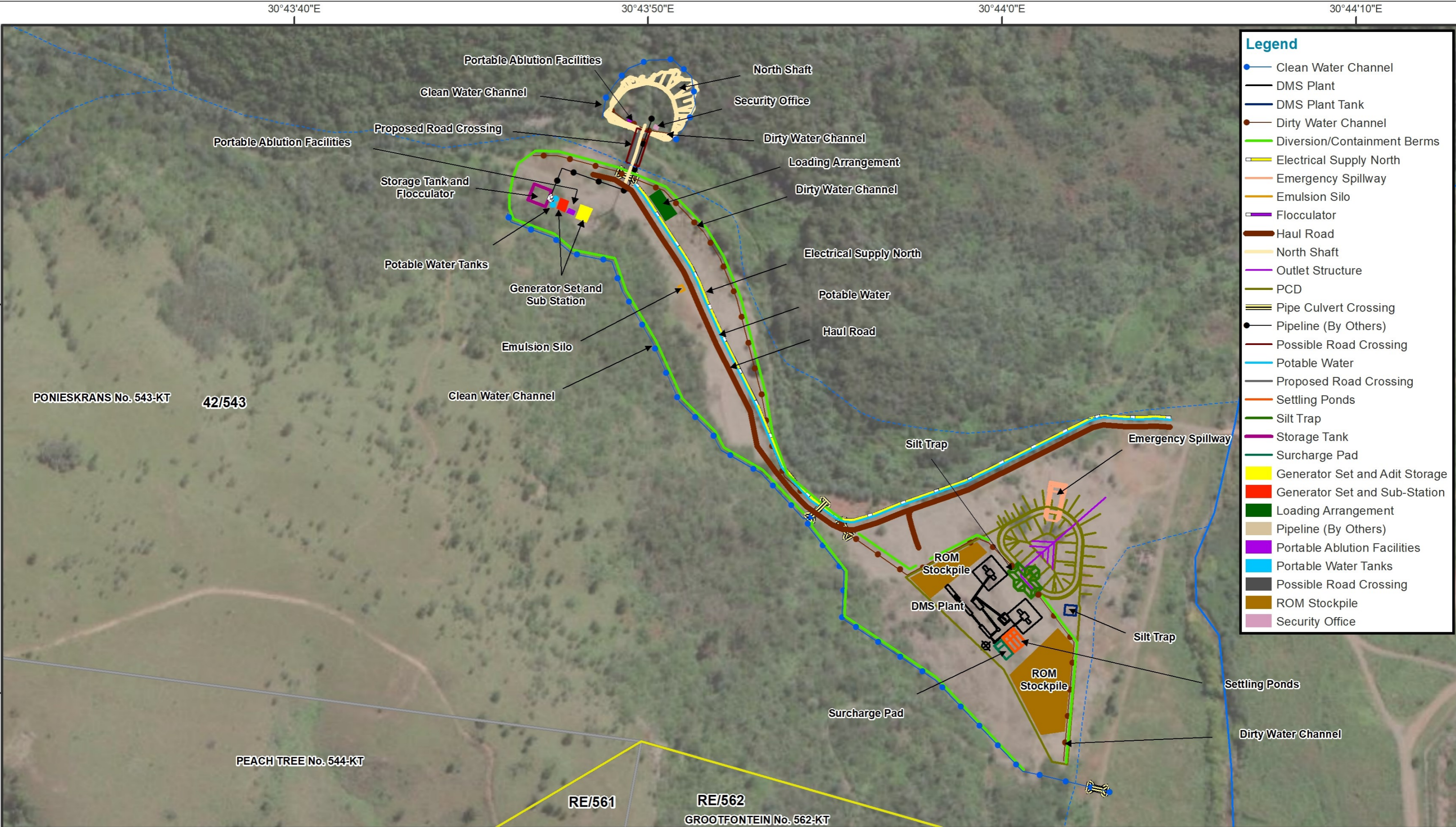
MR 83
Morgenzon Infrastructure
Map



Legend

- Non-perennial river
- Farm Portion
- Parent Farm

Project: TGME Stakeholder Engagement Strategy |
 Drawn By: TH Phoko | Reviewed By: NK Ndala |
 Date: 24 January 2022 | Ref: TGME#003 |
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 Drawn By: TH Phoko | Reviewed By: NK Ndala |
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