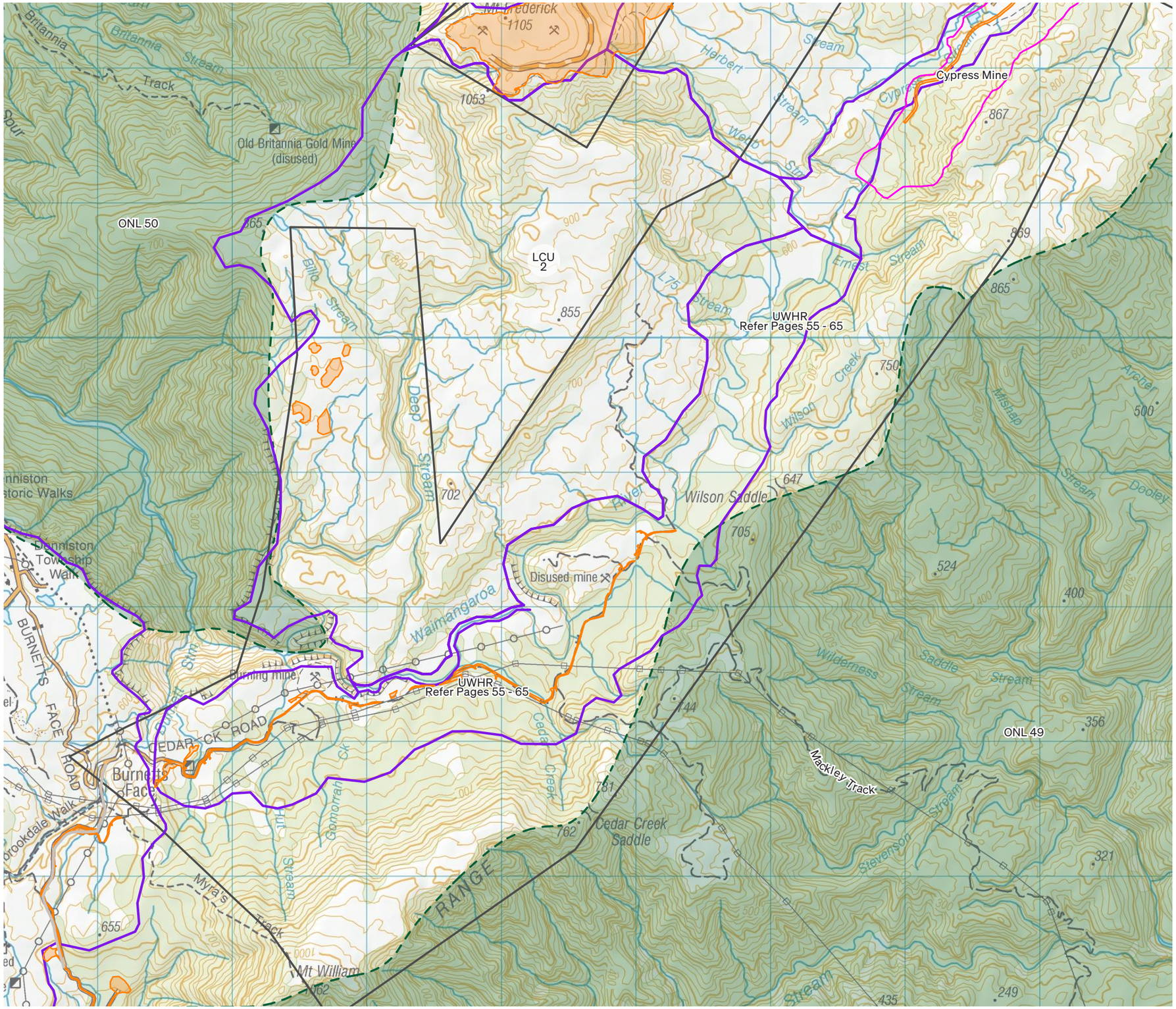
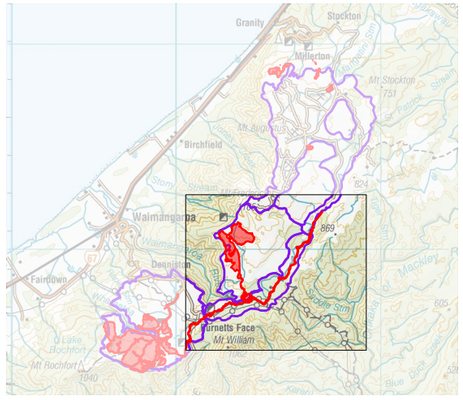
Mt. Frederick South (MFS)
(LCU 2)

Existing MFS Site Topography

Legend

- Stockton & Denniston Plateaux
- Mining License Permit Boundary
- Existing Disturbance
- Existing Waterways
- Contours 20m
- Consented Cypress Mine
- Outstanding Natural Landscape (ONL)
  - ONL 50 - Denniston Waimangaroa
  - ONL 49 - Orikākā River Valley
- LCU — Landscape Character Unit





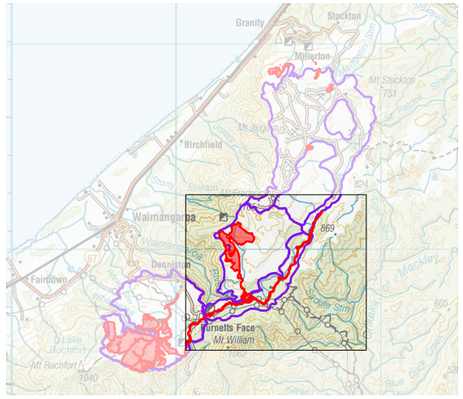
Scale: 1:30,000 @ A3

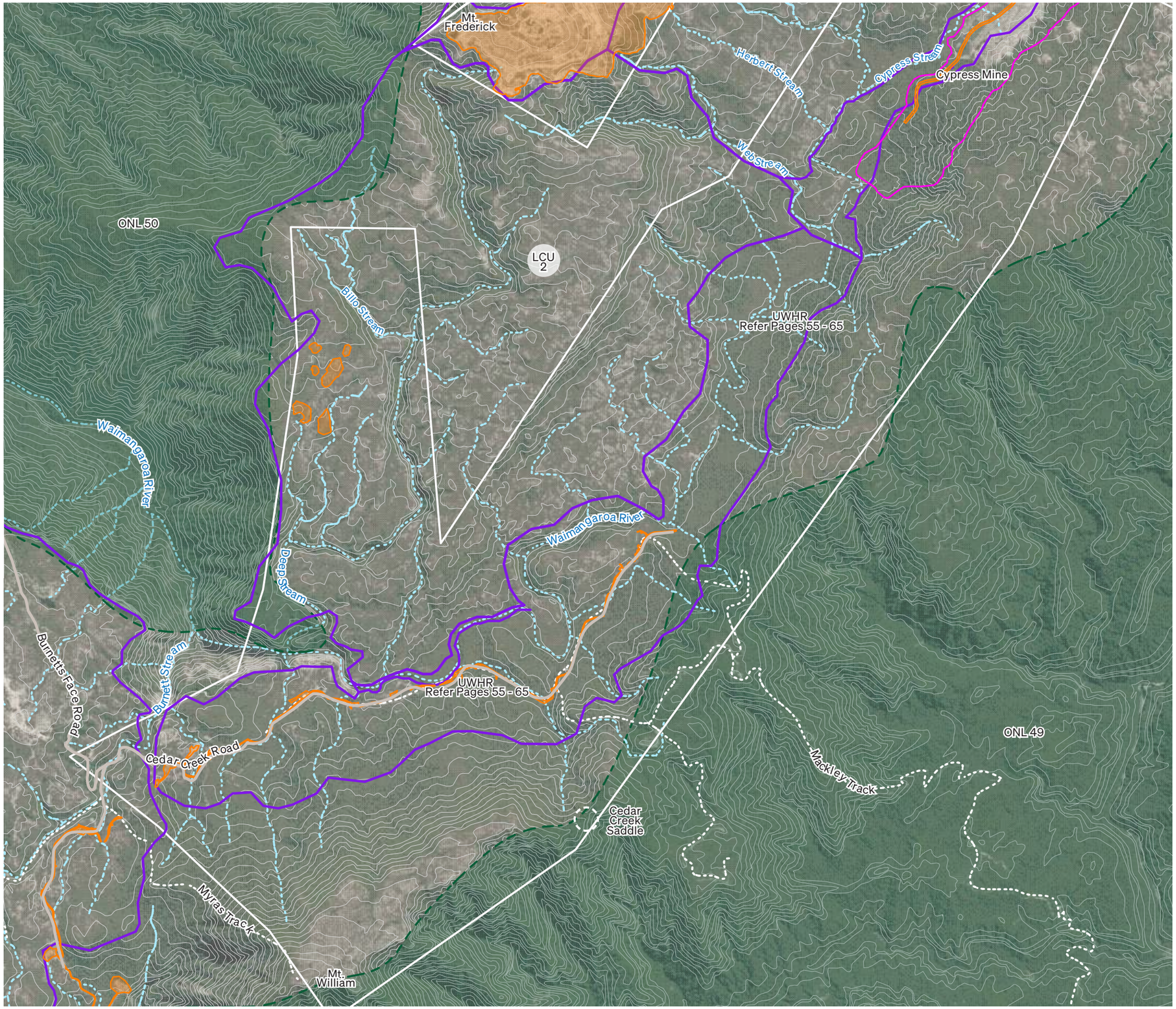
Data Source: BT Mining Ltd. | Date: 05.09.2025

Existing MFS Site Aerial

Legend

- Stockton & Denniston Plateaux
- Mining License Permit Boundary
- Existing Disturbance
- Existing Waterways
- Contours 20m
- Consented Cypress Mine
- Outstanding Natural Landscape (ONL)
  - ONL 50 - Denniston Waimangaroa
  - ONL 49 - Orikākā River Valley
- LCU — Landscape Character Unit





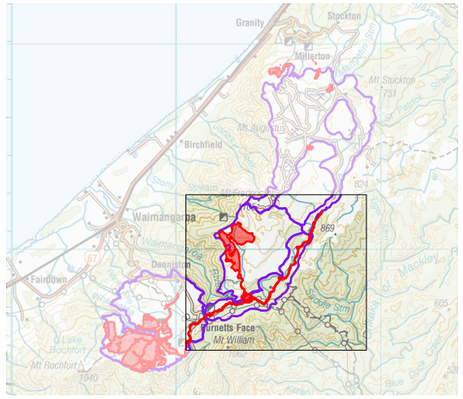
Scale: 1:30,000 @ A3

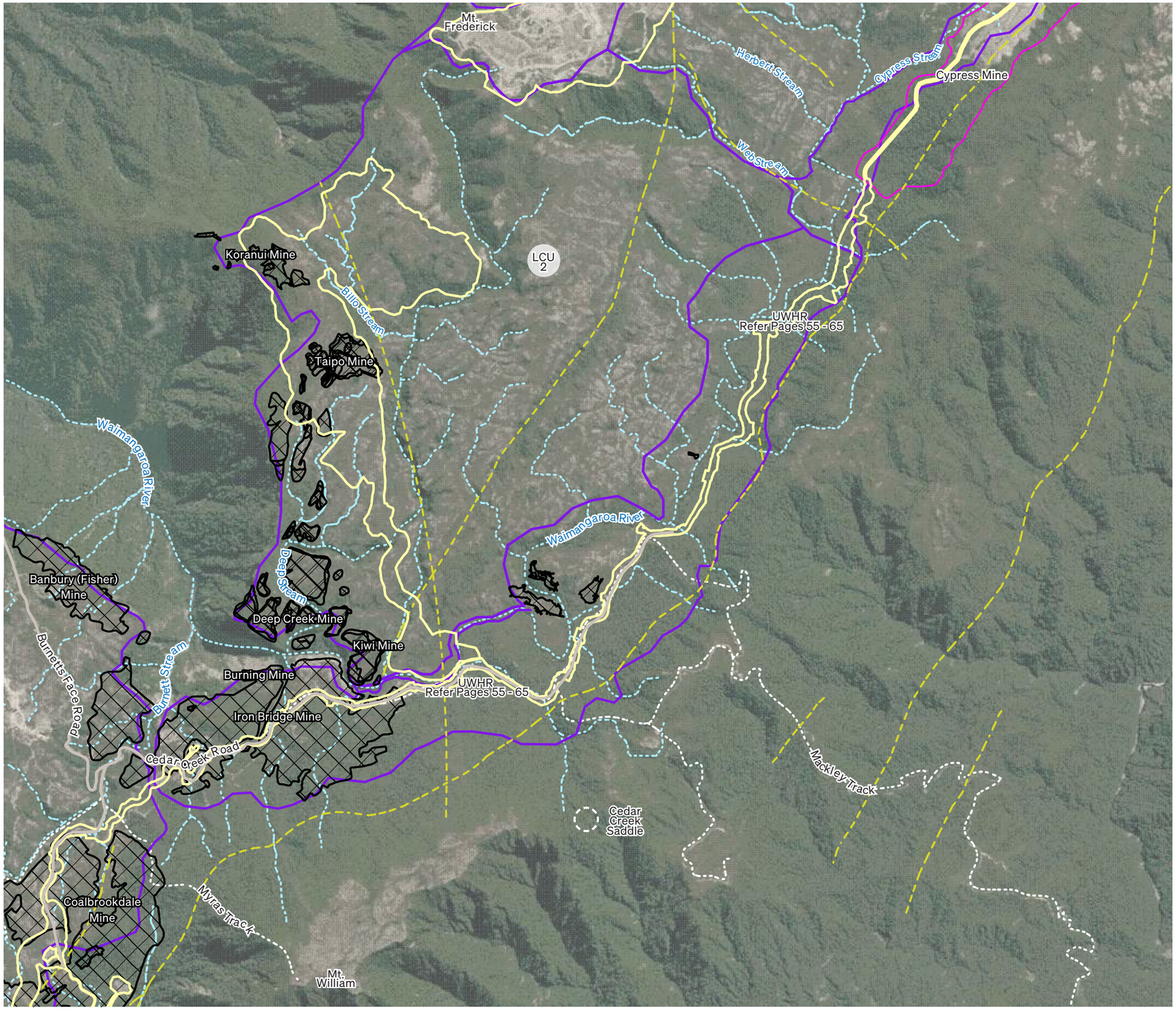
Data Source: BT Mining Ltd. | Date: 05.09.2025

MFS Site Historic Mine Workings

Legend

- Stockton & Denniston Plateaux
- Proposed Consent Area
- Historic Mine Workings
- Fault Lines
- Existing Waterways
- Consented Cypress Mine
- LCU — Landscape Character Unit





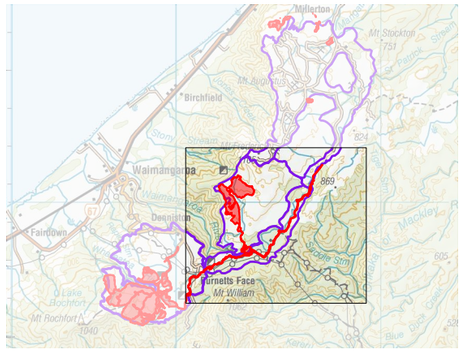
Scale: 1:30,000 @ A3

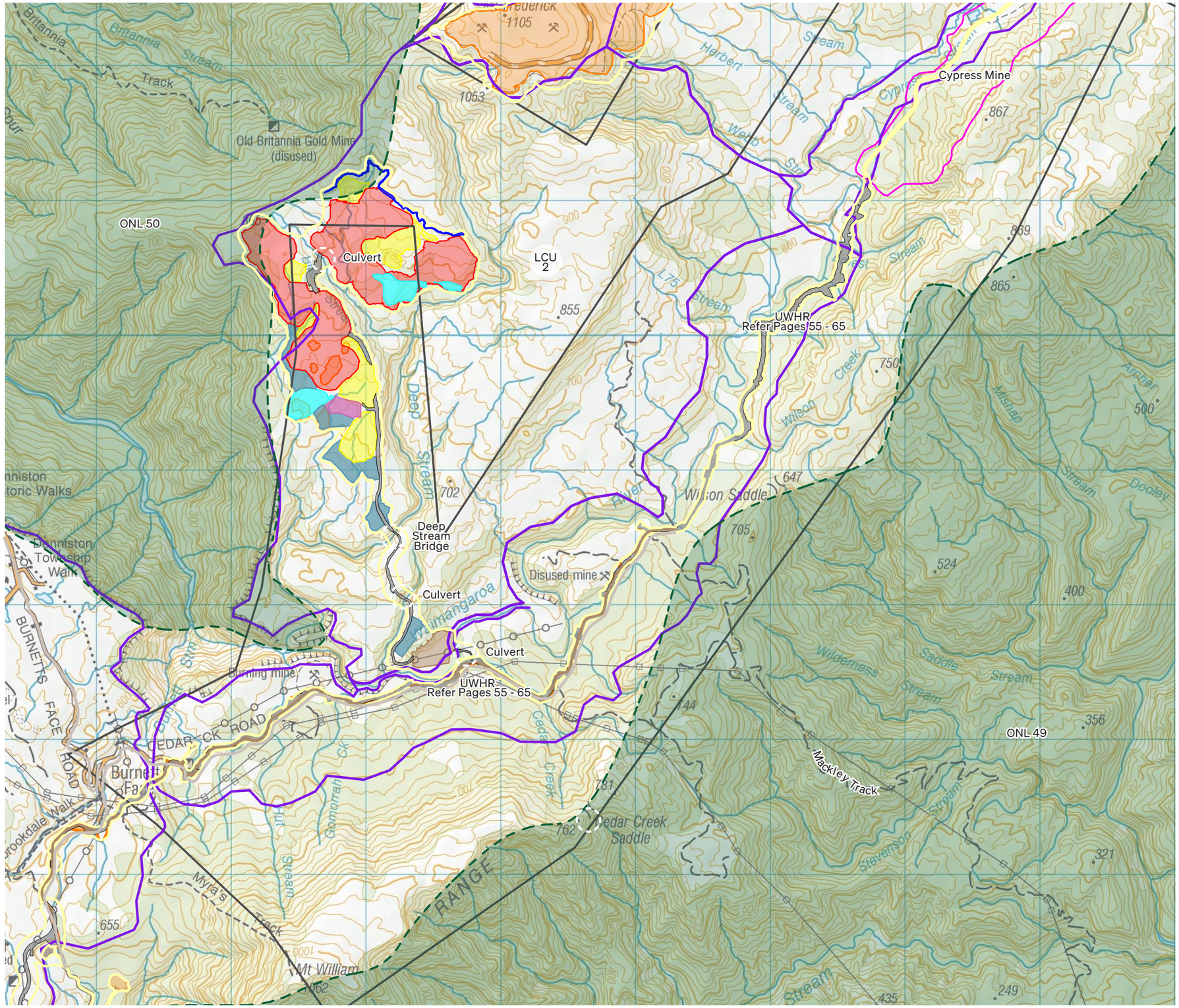
Data Source: BT Mining Ltd. | Date: 05.09.2025

Proposed MFS Mine Disturbance Area

Legend

- Stockton & Denniston Plateaux
- Mining License Permit Boundary
- Proposed Consent Area
- Existing Disturbance
- Proposed Pits
- Proposed Engineered Land Forms
- Proposed Infrastructure Pad
- Proposed Coal Transfer Pad
- Proposed Water Infrastructure
- Proposed Sump
- Proposed Road
- Proposed Clean Water Diversion
- Existing Waterways
- Consented Cypress Mine
- Outstanding Natural Landscape (ONL)
  - ONL 50 - Denniston Waimangaroa
  - ONL 49 - Orikākā River Valley





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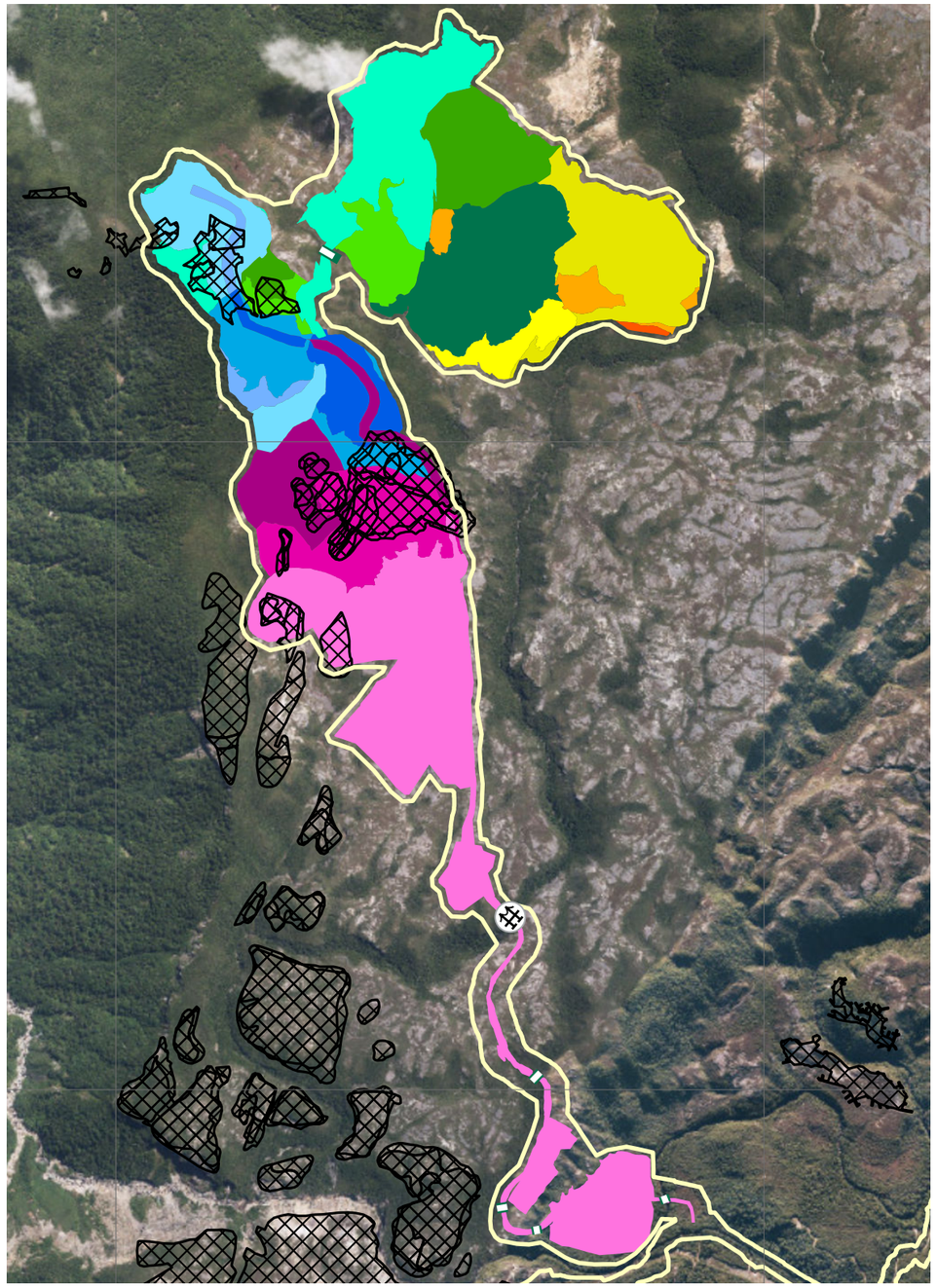
Data Source: BT Mining Ltd. | Date: 05.09.2025
Topomap 1:50 - Grid @ 1km

Proposed MFS Staging

DISTURBANCE SCHEDULE



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Legend

Disturbance Stage

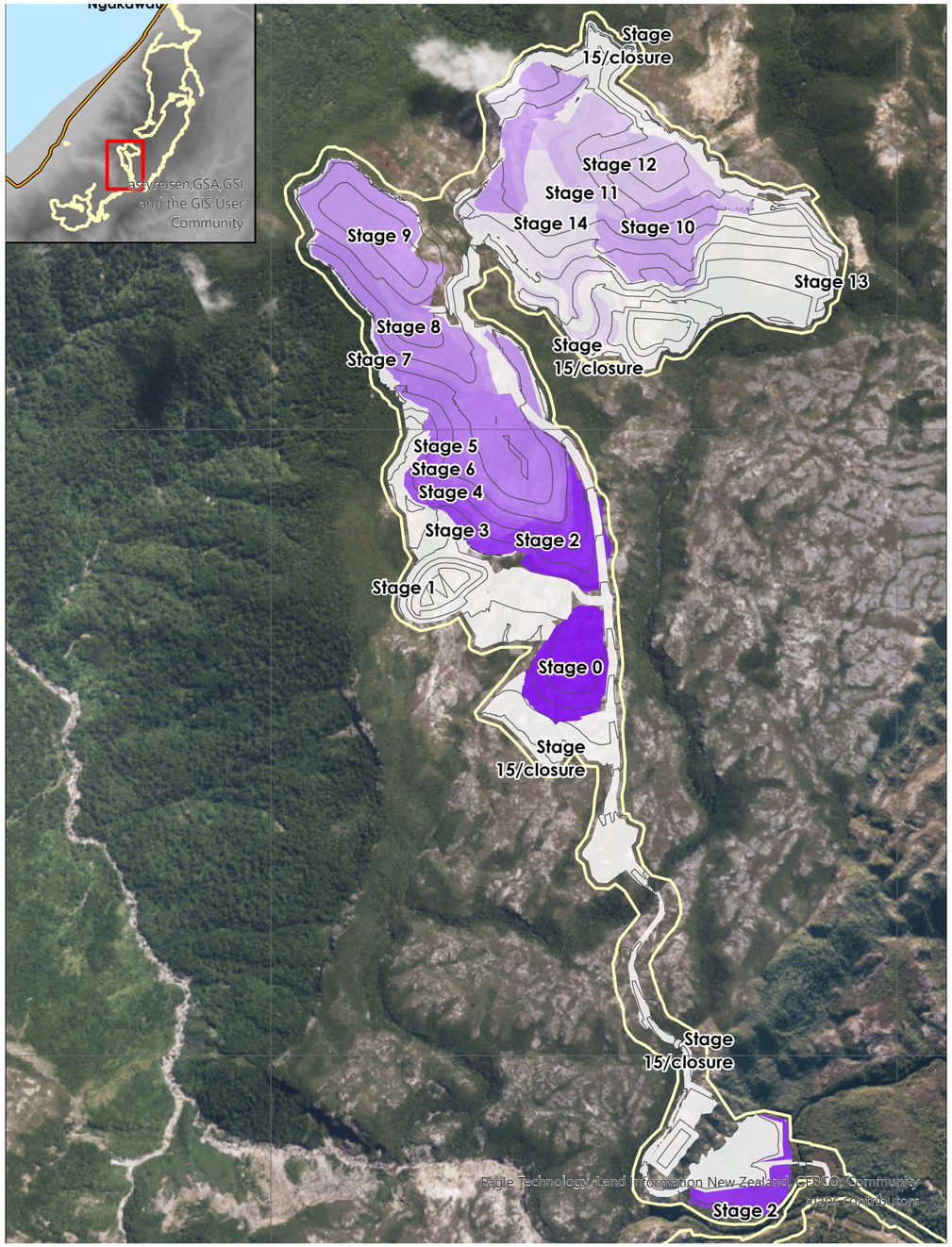
- Stage -1
- Stage 0
- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6
- Stage 7
- Stage 8
- Stage 9
- Stage 10
- Stage 11
- Stage 12
- Stage 13

Buller Plateaux Continuation Project

Mount Frederick South Disturbance Schedule and Underground Workings

SCALE: 1:22,000
DATE: 07 October 2025
DRAWING NUMBER: 184_2

REHABILITATION SEQUENCE



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Legend

- Final Surface Contours
- Proposed Land Use Consent Boundary

Stage

- Stage 0
- Stage 1
- Stage 2
- Stage 3
- Stage 4
- Stage 5
- Stage 6
- Stage 7
- Stage 8
- Stage 9
- Stage 10
- Stage 11
- Stage 12
- Stage 13
- Stage 14
- Stage 15/ closure

Buller Plateaux Continuation Project

Rehab Sequencing and Final Surface Contours

SCALE: 1:16,000 A4
DATE: 03 October 2025
DRAWING NUMBER: 101_5_1

N

Scaled to fit

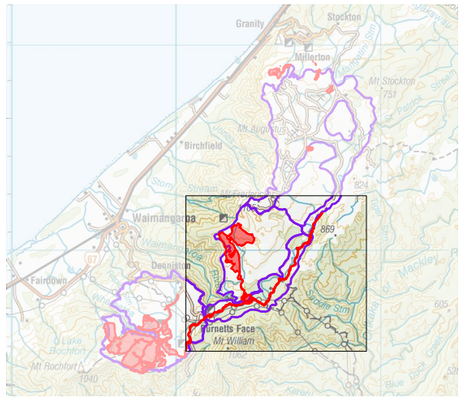
Data Source: BT Mining Ltd. | Date: 25.11.2025

Existing MFS Site Vegetation

Legend

- Stockton & Denniston Plateaux
- Proposed Mine Disturbance Areas
- Tall Forest
- Beech forest
- Shrub Manuka
- Shrub Flax
- Pakihi
- Cleared vegetation
- Bare Rock
- Existing Waterways

LCU — Landscape Character Units



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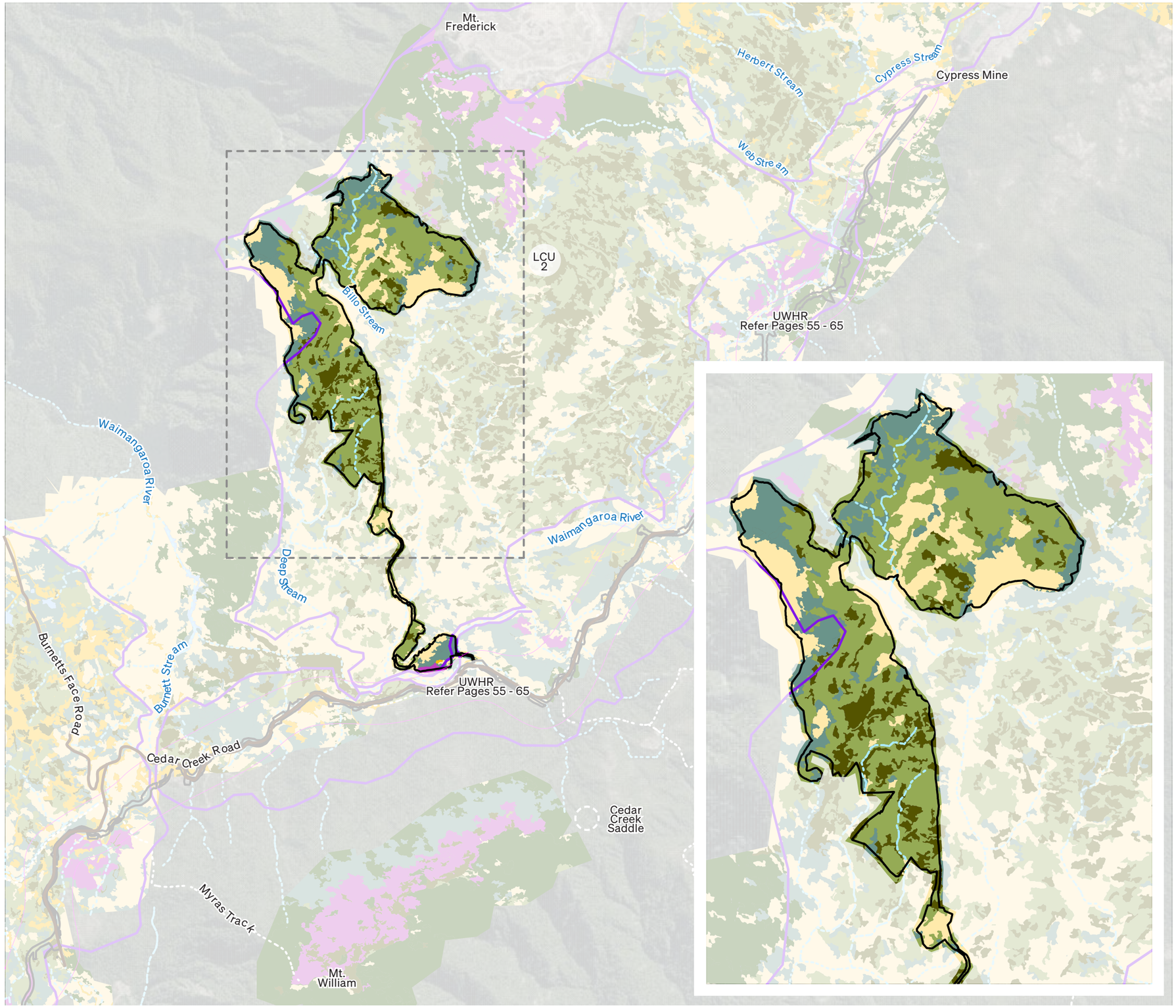
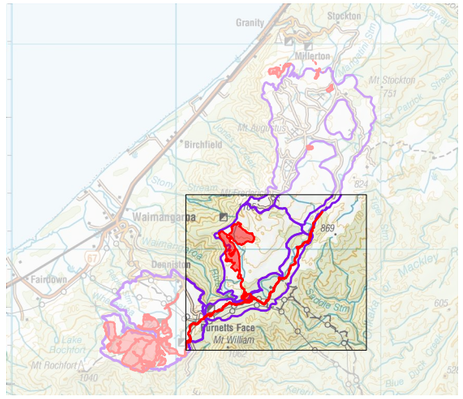
Data Source: ecoLogical solutions | Date: 23.05.2025



Proposed MFS Rehabilitation

Legend

- Stockton & Denniston Plateaux
- Proposed Mine Disturbance Areas
- Tall Forest
- Beech forest
- Shrub Manuka
- Shrub Flax
- Rehabilitated Highwall
- Pakihi
- Open Water
- Coal Floor
- Existing Waterways
- Reinstated Waterway
- LCU — Landscape Character Unit



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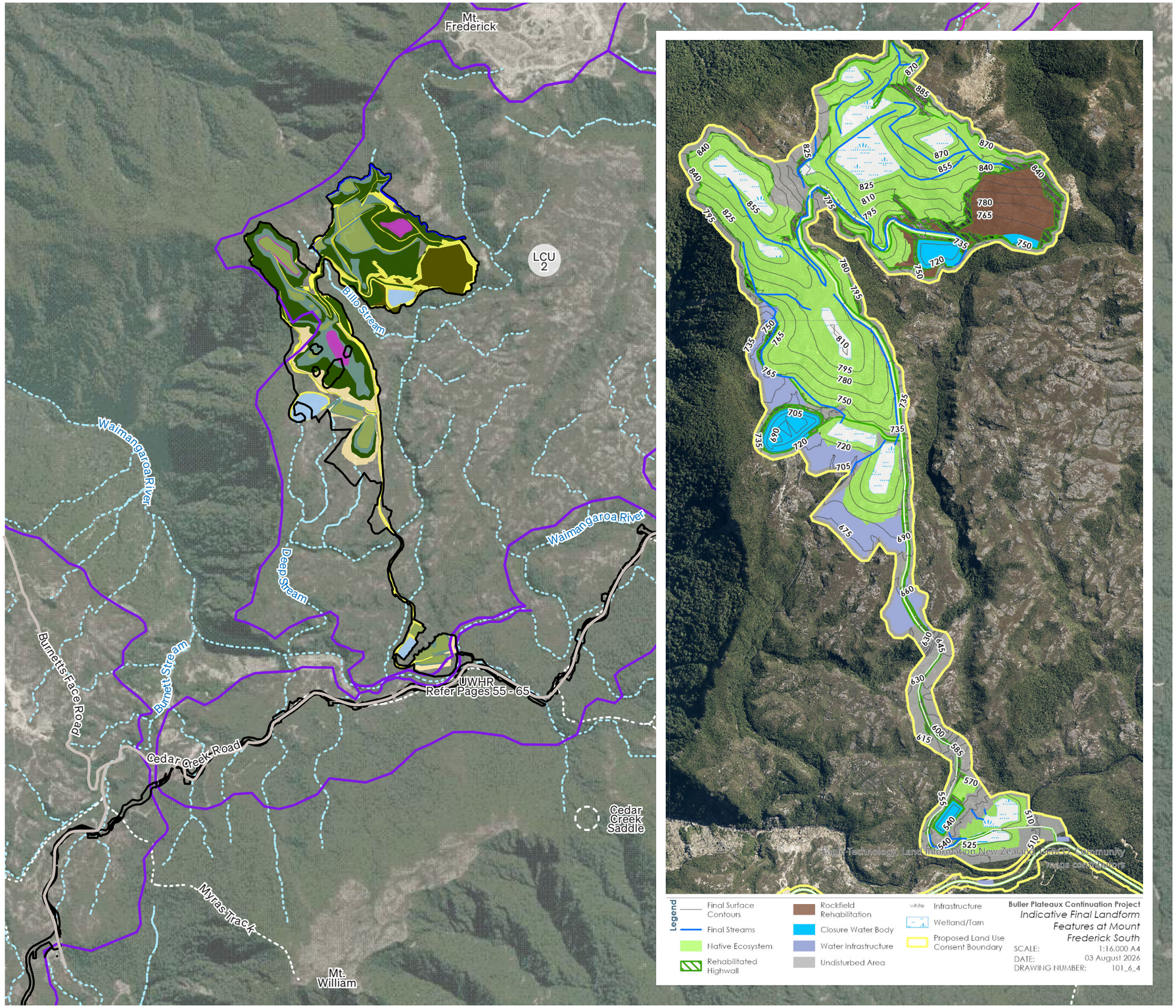
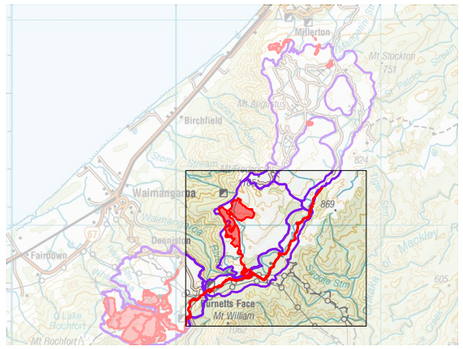
Data Source: ecoLogical solutions | Date: 18.08.2025

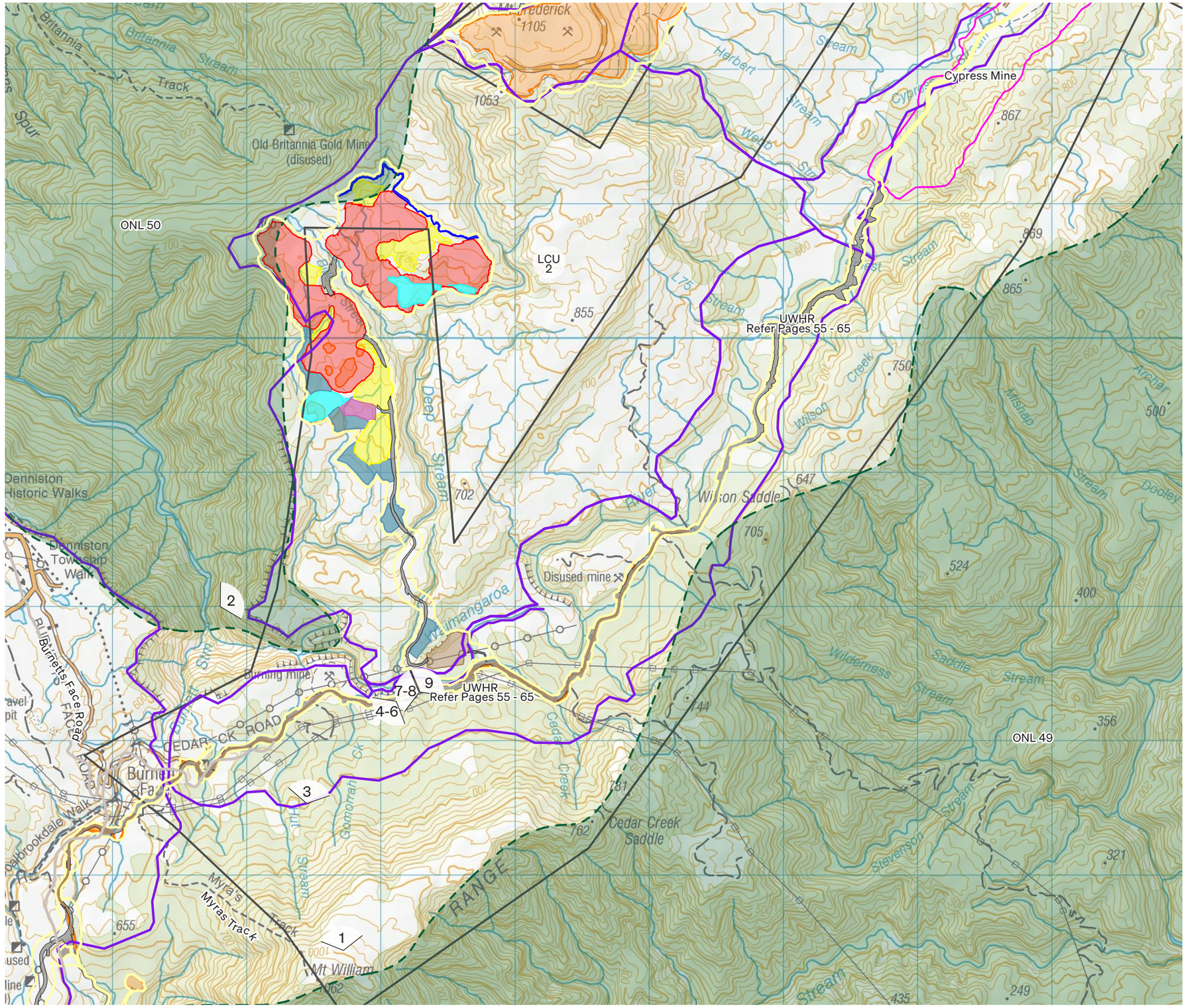


MFS Site Photograph Locations

Legend

- Stockton & Denniston Plateaux
- Mining License Permit Boundary
- Proposed Consent Area
- Existing Disturbance
- Proposed Pits
- Proposed Engineered Land Forms
- Proposed Coal Transfer Pad
- Proposed Water Infrastructure
- Proposed Sump
- Proposed Road
- Proposed Clean Water Diversion
- Existing Waterways
- Consented Cypress Mine
- Outstanding Natural Landscape (ONL)
  - ONL 50 - Denniston Waimangaroa
  - ONL 49 - Orikākā River Valley
- 1 Site Photo Location





Scale: 1:30,000 @ A3

Data Source: BT Mining Ltd. | Date: 05.09.2025

MFS Mine Site Photographs

Site Photograph1: Located at the Mt. William summit, looking north towards Mt. Frederick.

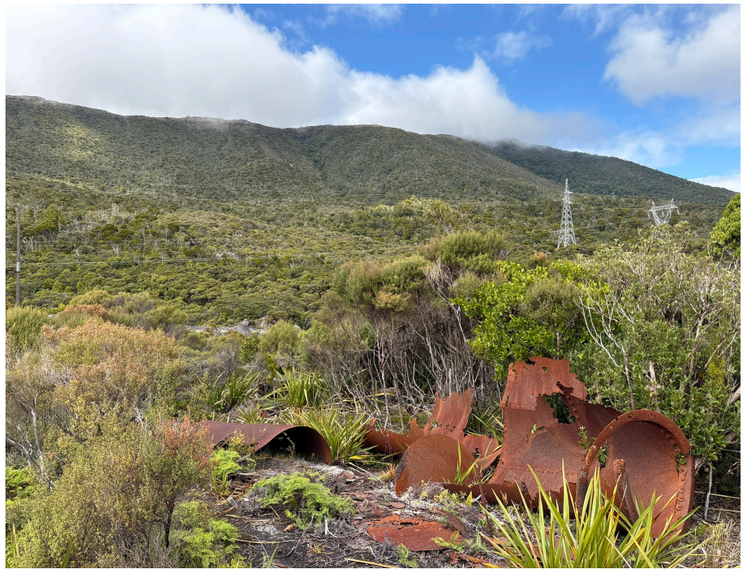
Site Photograph 2: Aerial view looking northeast towards Mt. Frederick.

Site Photograph 3: Aerial view looking north towards Mt. Frederick.

MFS Mine Site Photographs

Site Photograph 4: Historic mining shaft.

Site Photograph 5: Existing historic mine.



Site Photograph 6: Mine relics.

Site Photograph 7: Collapsed rock indicating historic mining.

Site Photograph 8: Deep Stream- 1.

Site Photograph 9: Deep Stream - 2.