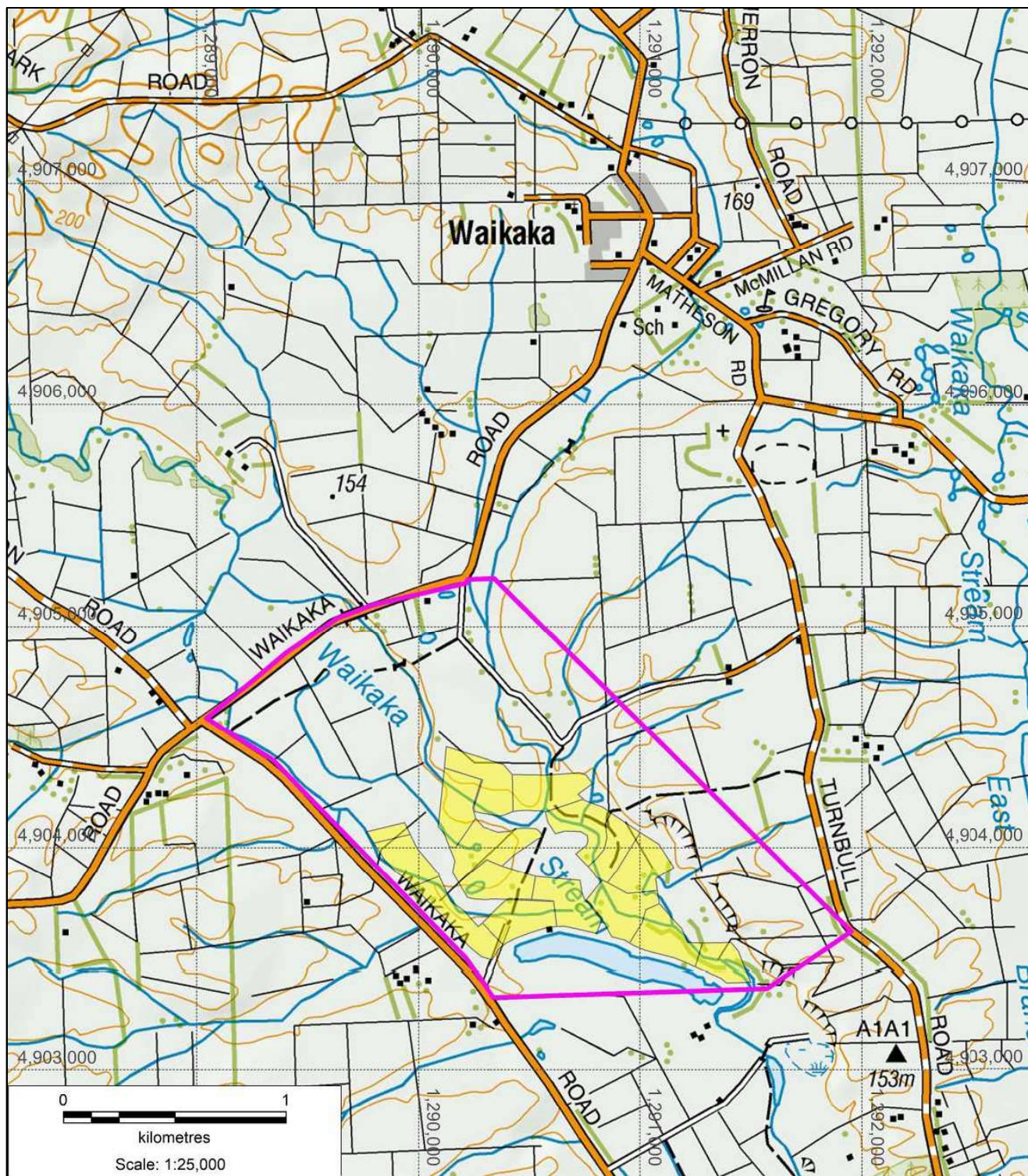




LEGEND

- MPA Boundary
- Mine Path Mine Blocks

Underlying layer is LINZ's 1:50,000 / Topo50



WAIKAKA GOLD MINES LTD

WAIKAKA Exploration Permit 56372

Location Plan of Project Area

Reference Files :

Topography
Geology
Aeromag
Tenement

Compiled :

WNB
WNB

Date :

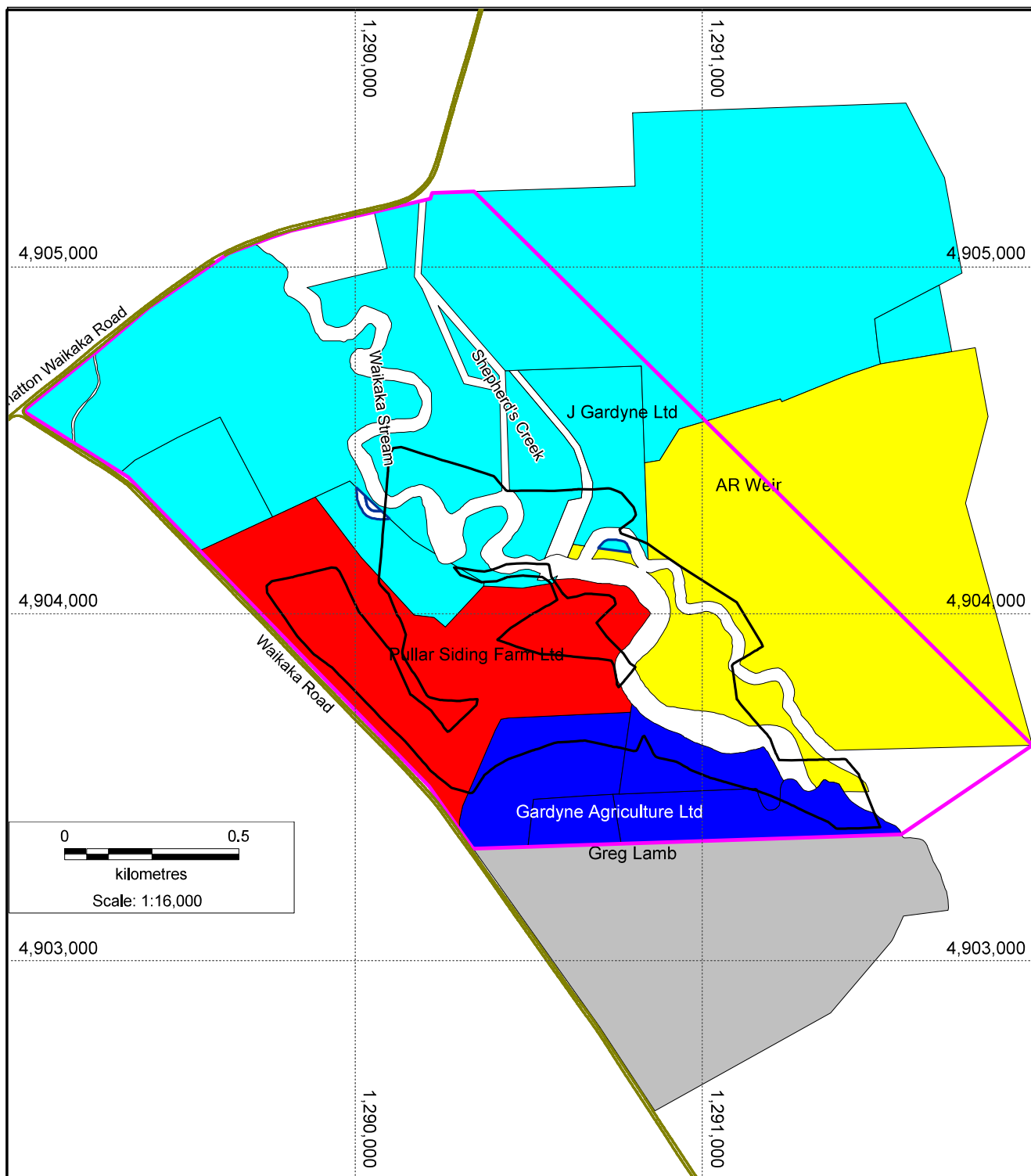
13 Feb 2024
Scale :
1 : 25,000

Revision:

Projection:
NZTM

Drawing Path :
E:\MapInfo\Plots

Drawing Name :
WK0547_25k_A4



LEGEND

MP Application Boundary

Pit Margin

Landowners

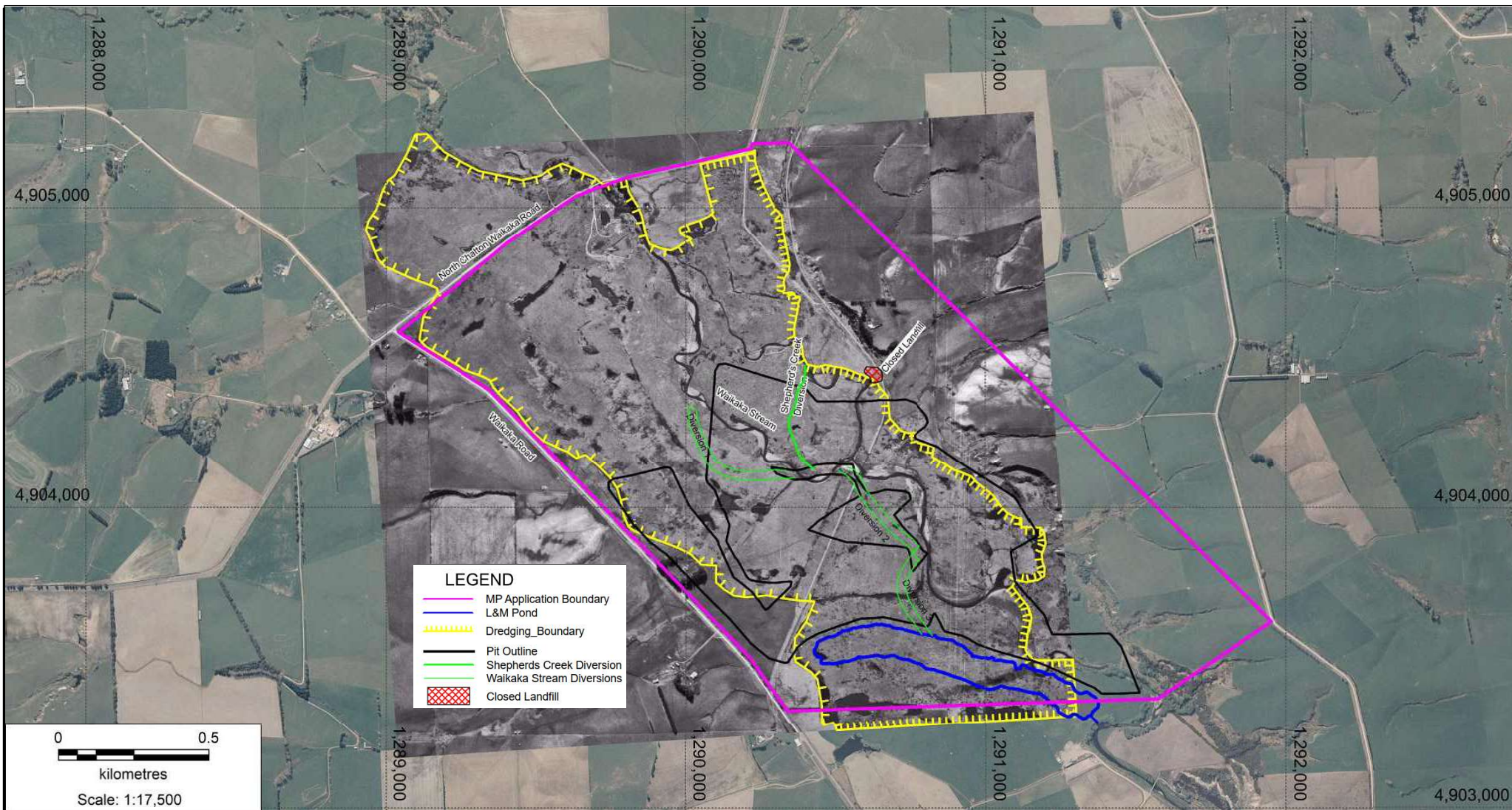
- J Gardyne Ltd
- Gardyne Agriculture
- Pullar Siding Farm
- A R Weir
- Greg Lamb
- LINZ

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WAIKAKA Exploration Permit 56372

Landowner Plan

Reference Files : Topography Geology Aeromag Tenement	Compiled : WNB	Date : Mar 2024	Revision:
	Drawn : WNB	Scale : 1 : 16,000	Projection: NZTM
	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0556_16k_A4



LEGEND

- MP Application Boundary
- L&M Pond
- Dredging_Boundary
- Pit Outline
- Shepherds Creek Diversion
- Waikaka Stream Diversions
- Closed Landfill

Aerial Photograph is 1946 Retrolens image. SN291 768/39



WAIKAKA GOLD MINES LTD

WAIKAKA Exploration Permit 56372

Historical Dredging Boundary

Reference Files :

Topography :
Geology :
Aeromag :
Tenement :

Compiled :

WNB

Drawn :
WNB

Drawing Path :
I:\MapInfo\Plots

Date :

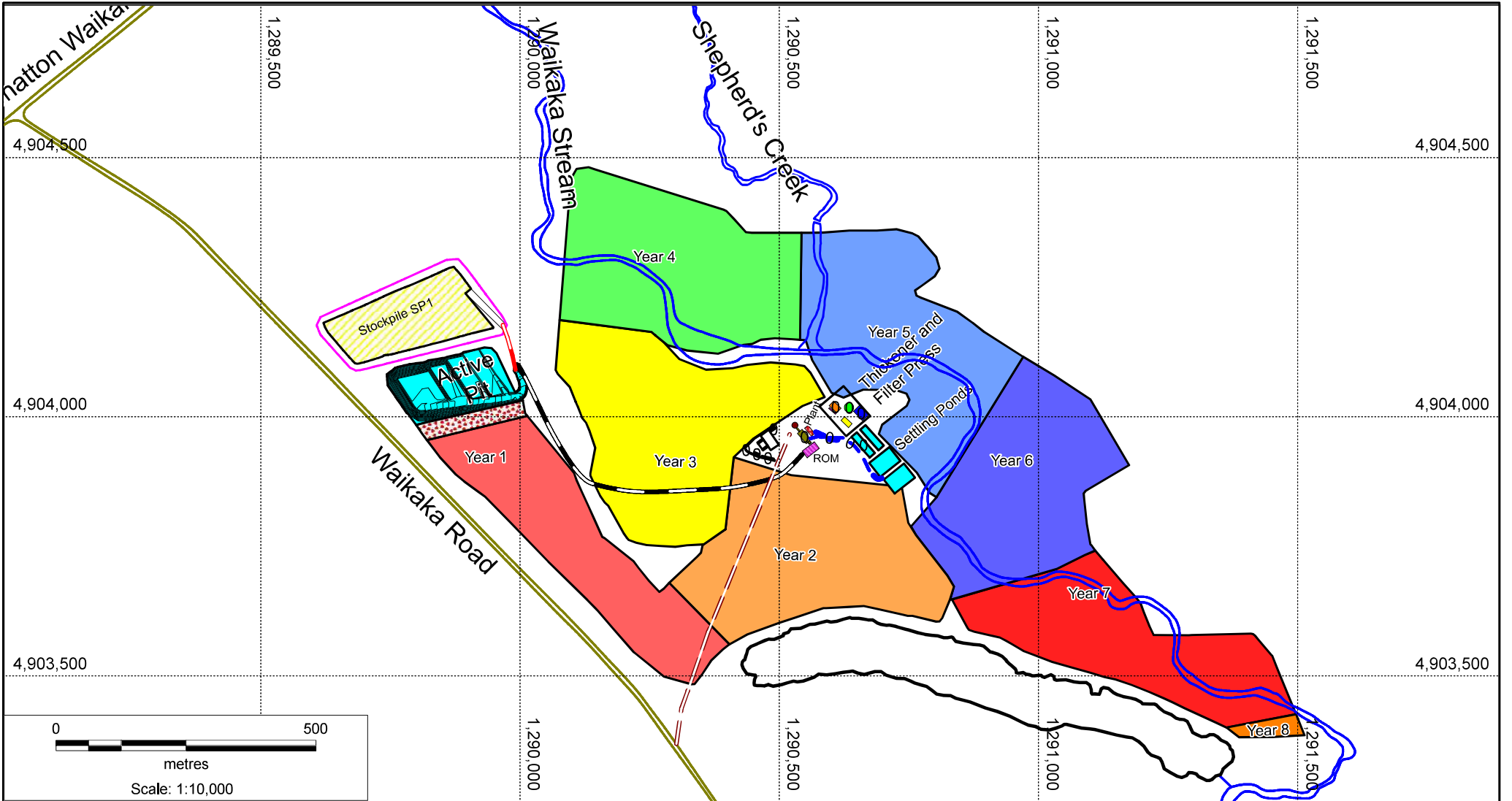
Mar 2024

Scale :
1 : 127,500

Drawing Name :
WK0558_17_5k_A4

Revision:

Projection:
NZTM



LEGEND

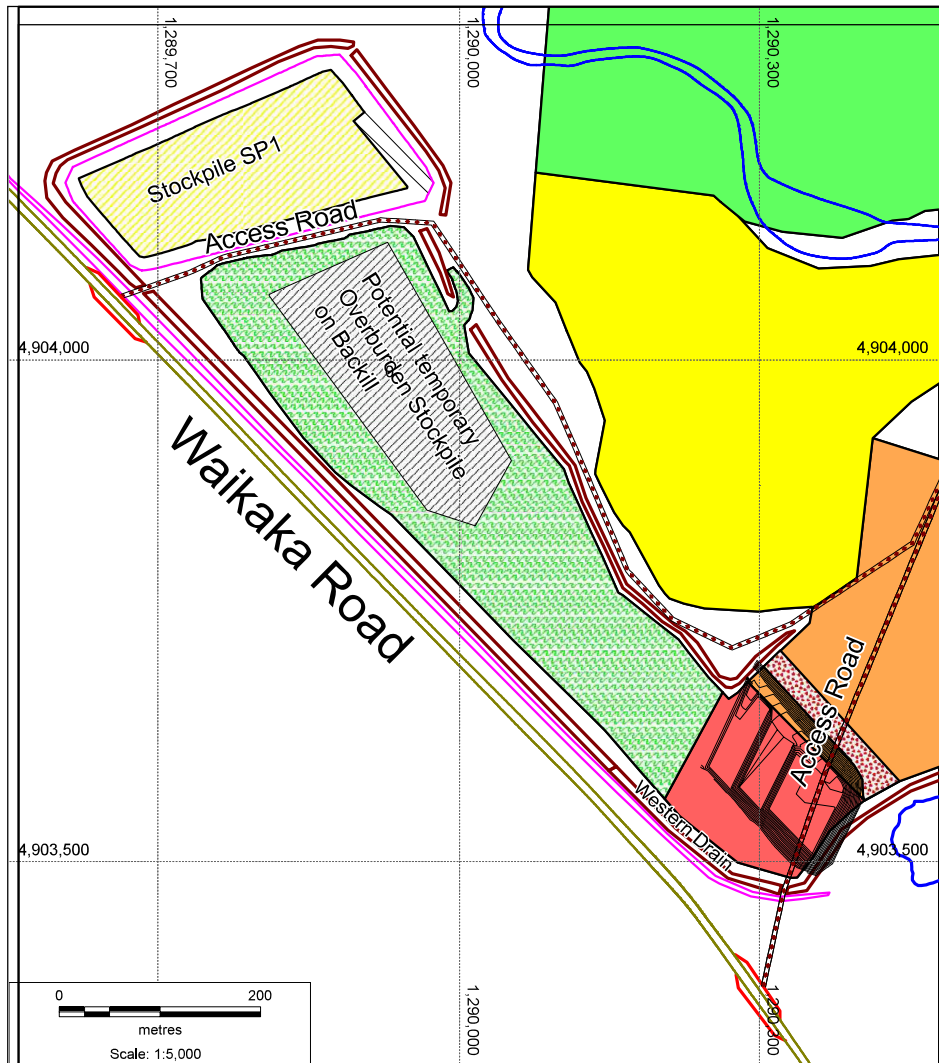
- Pipelines
- Haul Road Pit to ROM
- Haul Road Pit to SP1
- Existing Laneway
- Active Pit
- Pre-strip Topsoil
- Sealed Roads
- Waikaka Stream
- Stockpile SP1
- L&M Pond

WAIKAKA GOLD MINES LTD

WAIKAKA Exploration Permit 56372

Waikaka Mine Development - Schematic.
End of Year 0

Reference Files : Topography : Geology : Aeromag : Tenement :	Compiled : WNB	Date : Nov 2023	Revision:
	Drawn : WNB	Scale : 1 : 10,000	Projection: NZTM
	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0534_10k_A4



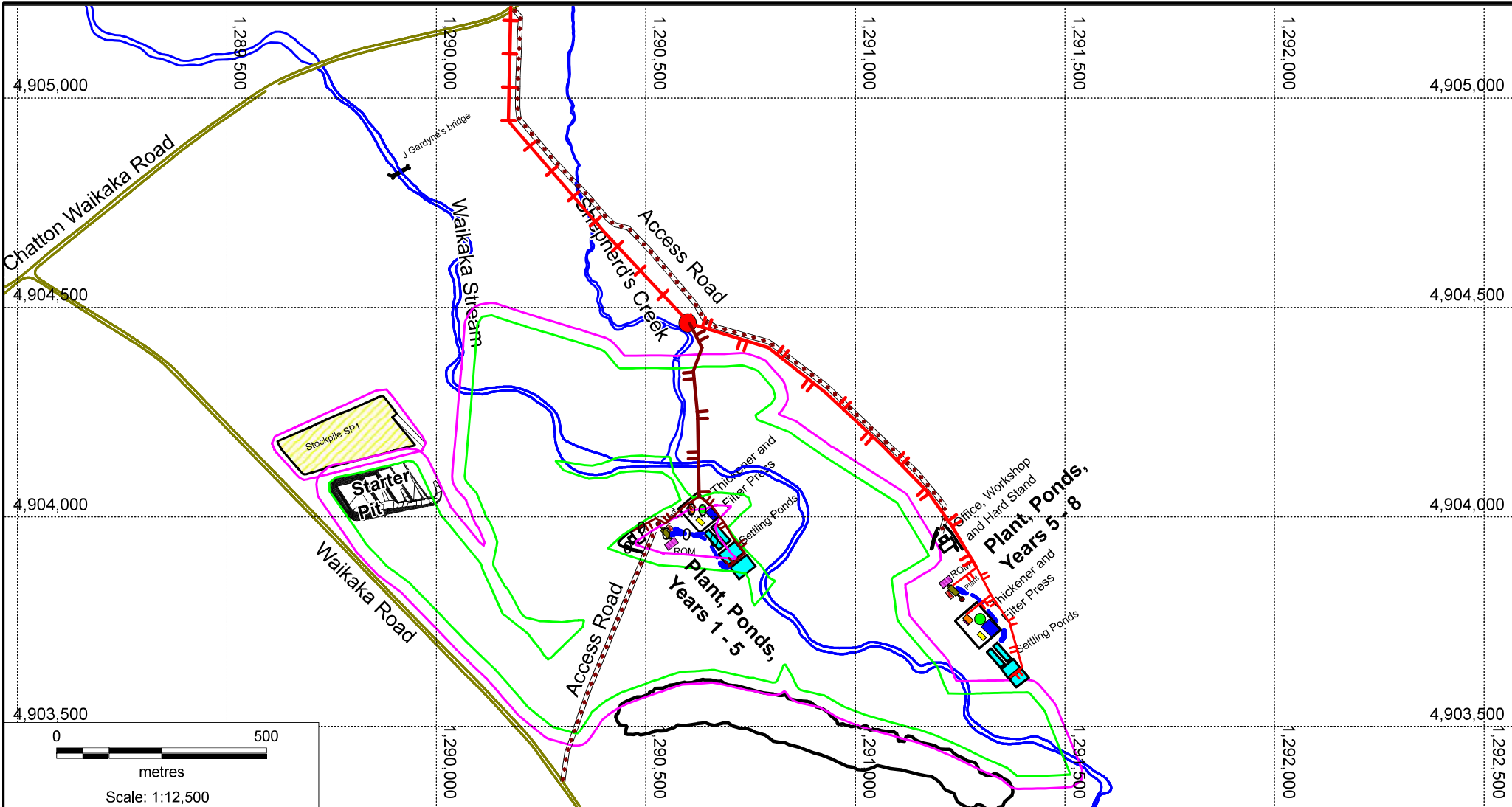
Legend

- Waikaka Stream
- L&M Pond
- Access Roads
- Stockpile SP1
- Rehabbed Backfill
- Soil Stockpiles
- Temporary O/B Stockpile on Backfill
- Western Drain
- Ground level Footprint of SP1

WAIKAKA GOLD MINES LTD

WAIKAKA Exploration Permit 56372 Soil Stockpiles and Overburden Stockpiles at end of year 1

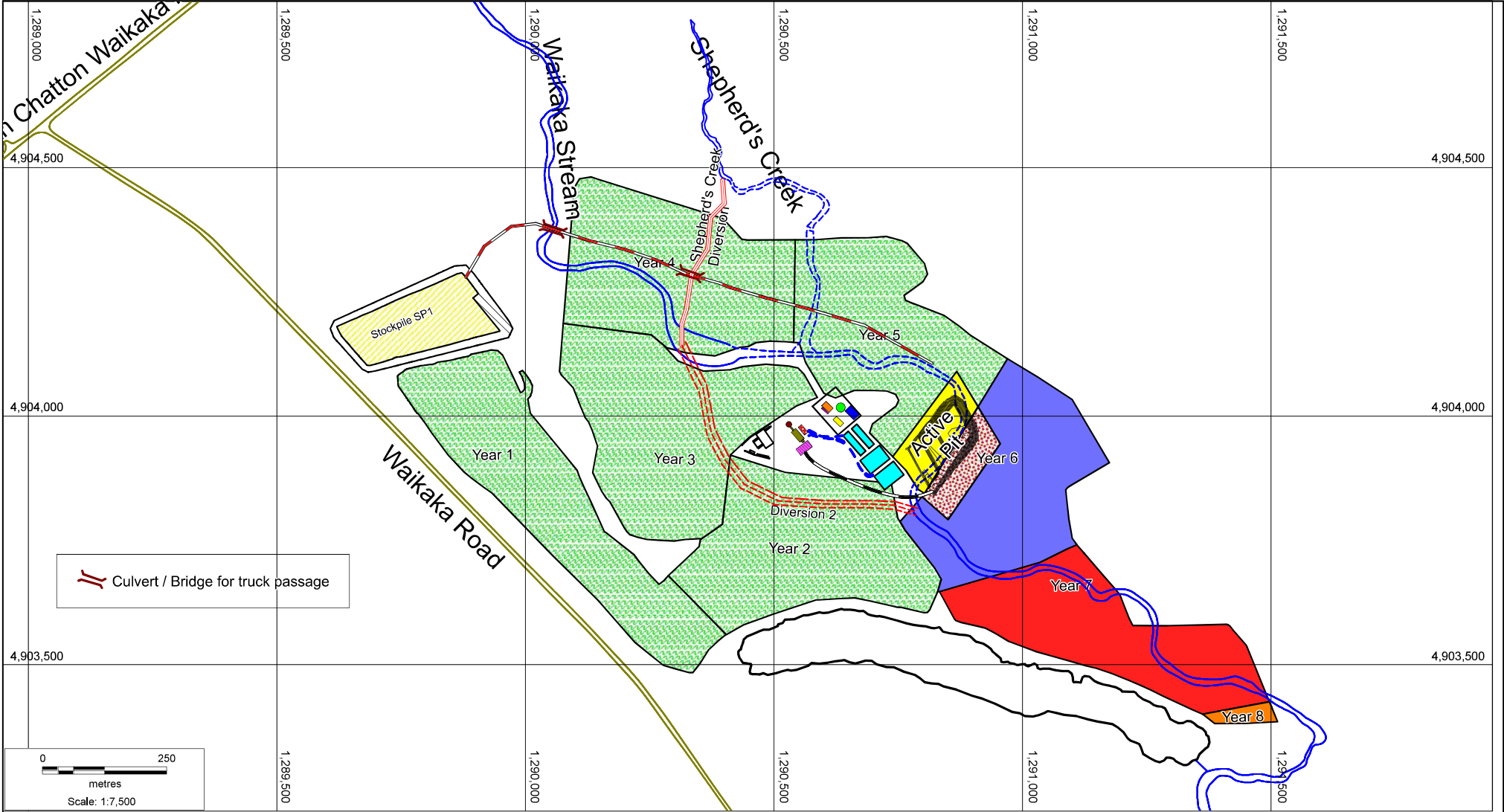
Reference Files:			
Geology	Compiled: WNB	Date: 21 Feb 2024	Revision:
Geology	Drawn: WNB	Scale: 1:5,000	Projection: NZTM
Antimony	Drawing Path: I:\WapInfo\Plots	Drawing Name: WK0550_Sk_A3	
Topography			



LEGEND

- | | | | |
|--|-------------------------|---|--|
|  | Sealed Roads |  | Low tension Power Supply, Years 1 - 5 |
|  | Waikaka Stream |  | Low tension power supply, Years 1 - 5 |
|  | Stockpile SP1 |  | High Tension Power Supply |
|  | L&M Pond |  | Transformer |
|  | Top of Batter, Open Pit |  | Low Tension Power Supply Years 5 - 8 |
|  | 40m Buffer from TOB |  | Low Tension Power Supply Years 5 - 8 |
|  | Pipeline |  | Pipeline |
|  | Starter Pit |  | Access Roads (Years 1 - 5 and Years 5 - 8) |

WAIKAKA			
GOLD MINES LTD			
WAIKAKA Exploration Permit 56372			
Waikaka Infrastructure Overview			
Shows Years 1 - 5 and Years 5 - 8 Plants, ponds			
Reference Files :	Compiled :	Date :	Revision:
Topography	WNB	Jan 2024	
Geology	Drawn :	Scale :	Projection:
	WNB	1 : 12,500	NZTM
Aeromag	Drawing Path :		Drawing Name :
Tenement	I:\MapInfo\Plots		WK0539_12.5k_A4



LEGEND

- Sealed Roads
- L&M Pond
- Stockpile SP1
- Waikaka Stream
- Diverted Waikaka Stream and Shepherds Creek
- Diversion 2

- Shepherds Creek Diversion
- Haul Road Pit to ROM Pad
- Haul Road SP1 to Backfill
- Year_5_Infrastructure
- Rehabilitated Land
- Active Pit
- Pre-stripped Topsoil

Plan shows haul road to Plant Site 1.
Plant site 2 not shown
Diversion 2 located to avoid Plant
site #1

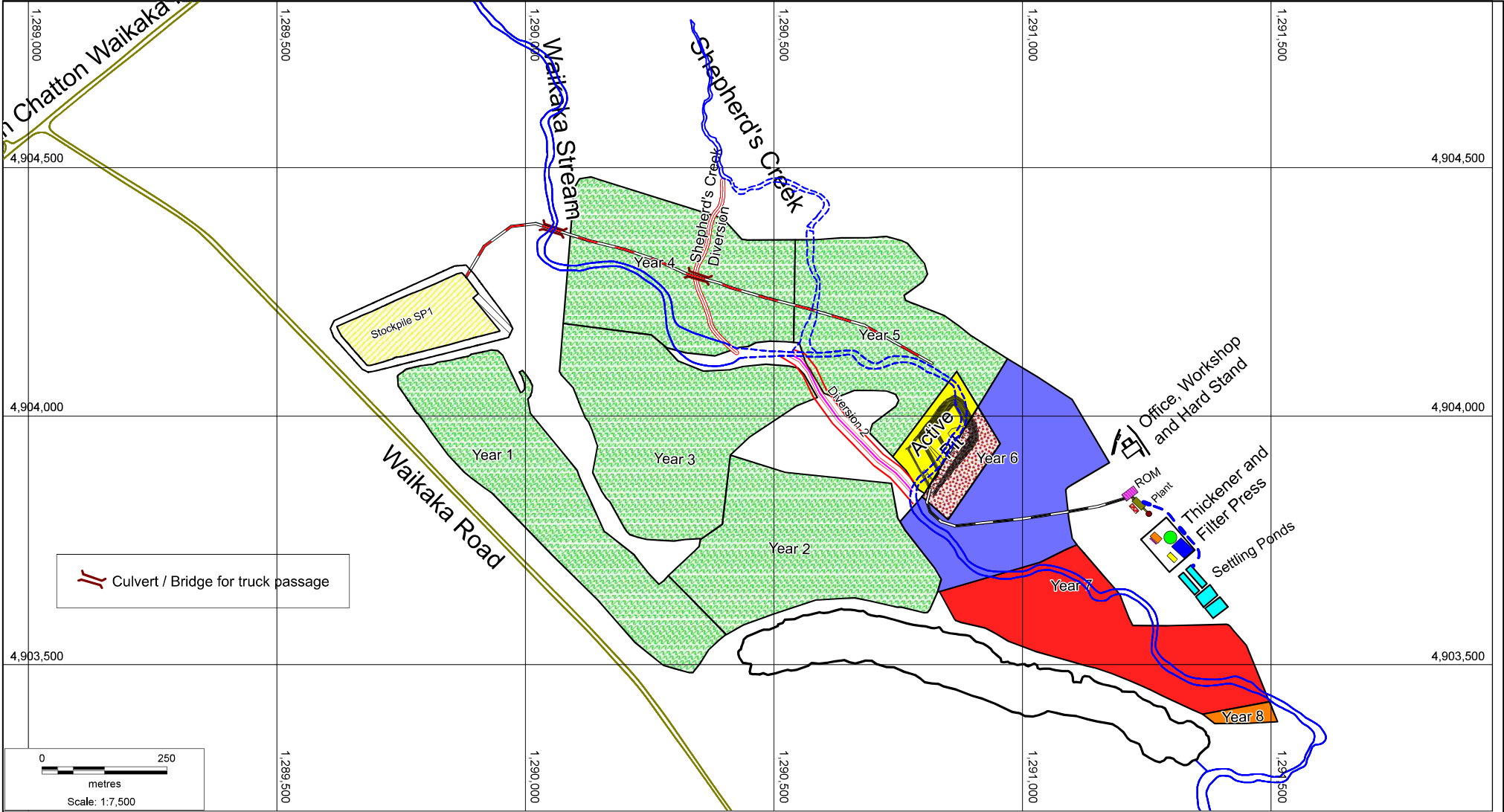


WGML WAIKAKA
GOLD MINES LTD

WAIKAKA EP 56372

**Waikaka Mine Development - Schematic.
End of Year 5. Central (1st) Plant site**

Reference Files :	Compiled :	Date :	Revision:
Topography :	WNB	May 2024	
Geology :	Drawn :	Scale :	Projection: NZTM
Accuracy :	WNB	1 : 7,500	
Remarks :	Drawing Path :	Drawing Name :	
	\\MapInfo\Plots	WK0584_7.5k_A3	



LEGEND

- Sealed Roads
- L&M Pond
- Stockpile SP1
- Waikaka Stream
- Diverted Waikaka Stream and Shepherds Creek
- Diversion 2

- Shepherds Creek Diversion
- Haul Road Pit to ROM Pad
- Haul Road SP1 to Backfill
- Year_5_Infrastructure
- Rehabilitated Land
- Active Pit
- Pre-stripped Topsoil

Plan shows haul road to Plant Site 2.
Plant site1 not shown but could be
utilised by varying Diversion 2 to
avoid the plant site 1

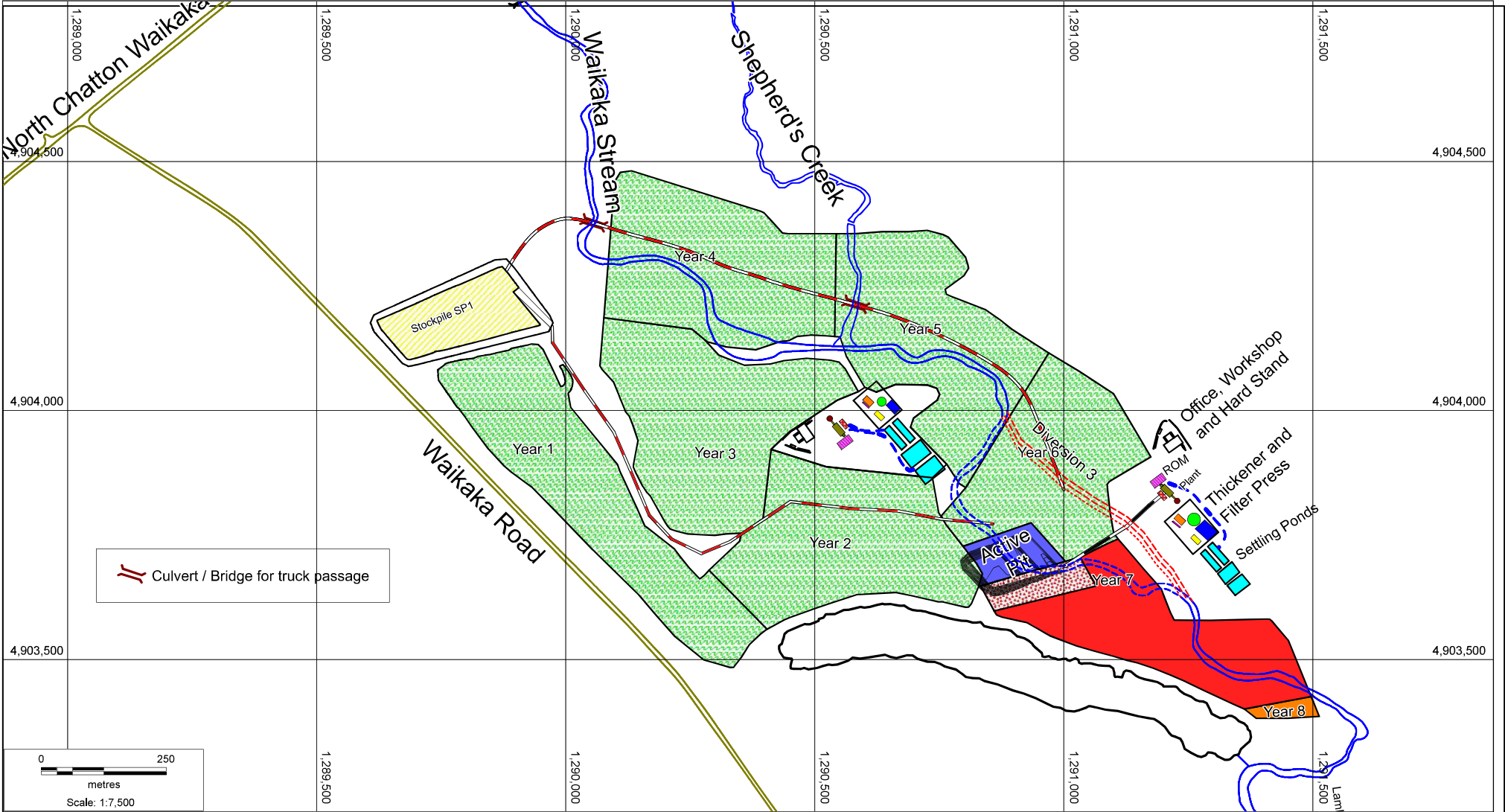


WGML WAIKAKA
GOLD MINES LTD

WAIKAKA EP 56372

Waikaka Mine Development - Schematic.
End of Year 5. Eastern Plant site shown.

Reference Files :	Compiled :	Date :	Revision:
Topography :	WNB	May 2024	
Geology :	Drawn :	Scale :	Projection: NZTM
Accuracy :	WNB	1 : 7,500	
Remarks :	Drawing Path :		Drawing Name :
	h:\MapInfo\Plots		WK0583_75k_A3



LEGEND

- Sealed Roads
- L&M Pond
- Stockpile SP1
- Diversion 3
- Waikaka Stream
- Diverted Waikaka Stream
- Haul Road SP1 to Backfill
- Haul Road Pit to ROM Pad
- Settling Ponds
- Rehabilitated Land
- Active Pit
- Year 6 Advance
- Pre-stripped topsoil

Plan shows haul road to Plant Site 2.
Plant site1 shown for comparison

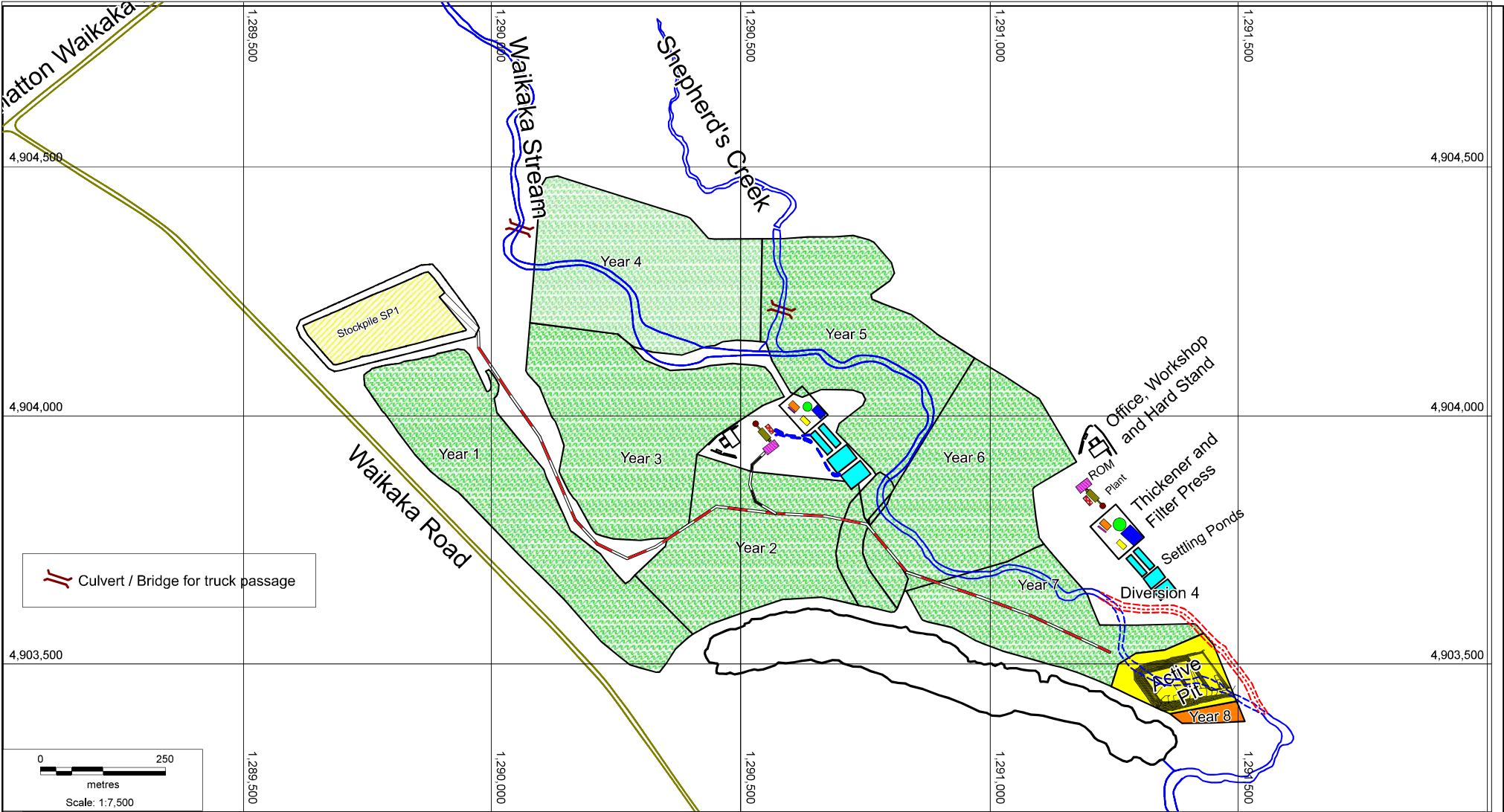


WGML WAIKAKA
GOLD MINES LTD

WAIKAKA EP 56372

Waikaka Mine Development - Schematic.
End of Year 6. Both Plant sites shown.

Reference Files:	Compiled:	Date:	Revision:
Topography:	WNB	May 2024	
Geology:	Drawn:	Scale:	Projection: NZTM
Accuracy:	WNB	1:7,500	
Remarks:	Drawing Path:	Drawing Name:	
	h:\MapInfo\Plots	WK0582_75k_A3	



LEGEND

- Sealed Roads
- L&M Pond
- Stockpile SP1
- Diversion 4
- Waikaka Stream
- Diverted Waikaka Stream
- Haul Road, SP1 to Backfill
- Haul Road, Pit to ROM
- Settling Ponds
- Rehabilitated Mined Area
- Active Pit

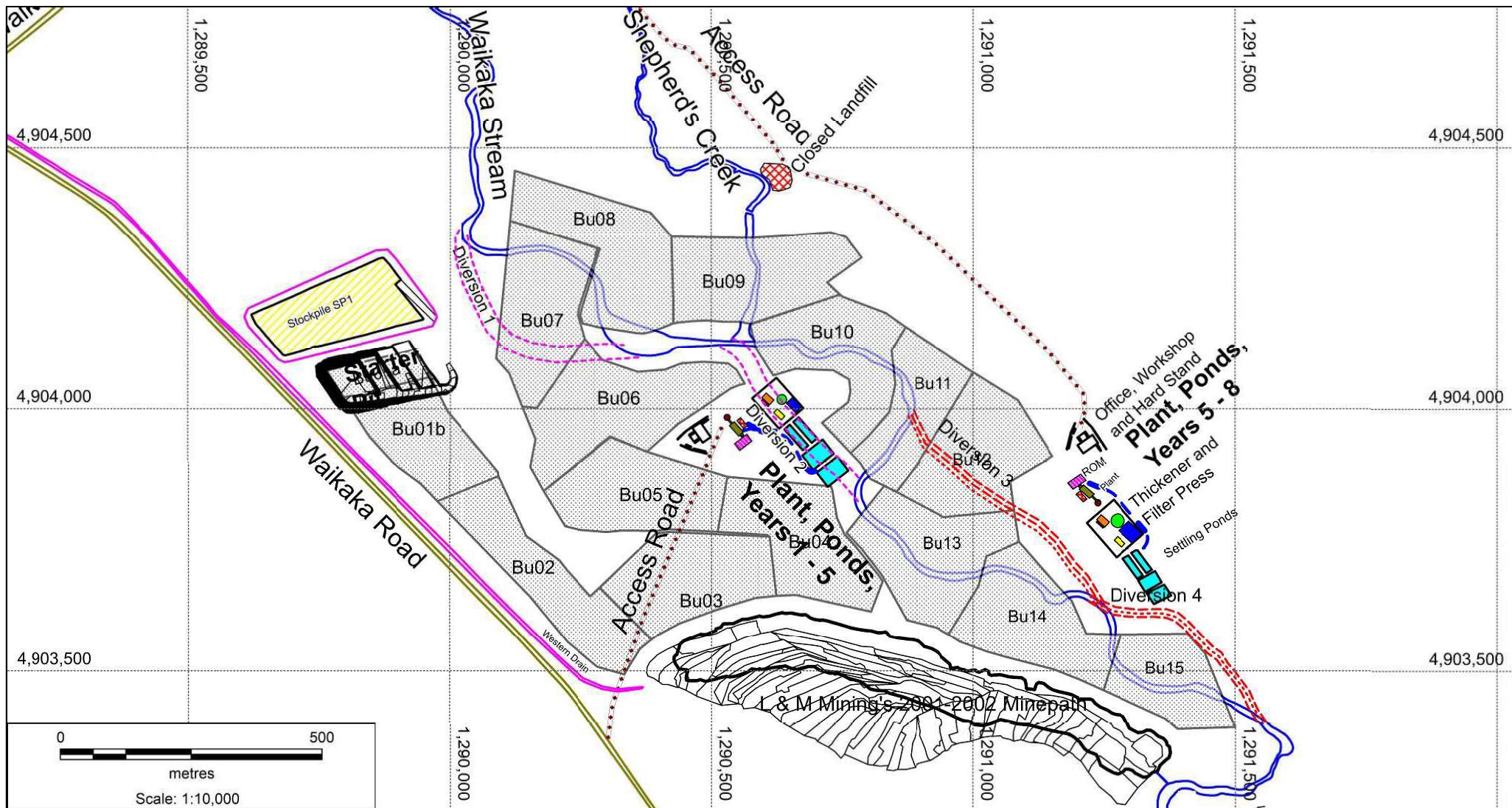
Plan shows haul road to Plant Site 1.
Plant site 2 shown for comparison

WGML WAIKAKA
GOLD MINES LTD

WAIKAKA EP 56372

**Waikaka Mine Development - Schematic.
End of Year 7. Both Plant sites shown.**

Reference Files :	Compiled :	Date :	Revision:
Topography :	WNB	May 2024	
Geology :	Drawn :	Scale :	Projection: NZTM
Accuracy :	WNB	1:7,500	
Remarks :	Drawing Path :		Drawing Name :
	h:\MapInfo\Plots		WK0581_7.5k_A3



LEGEND

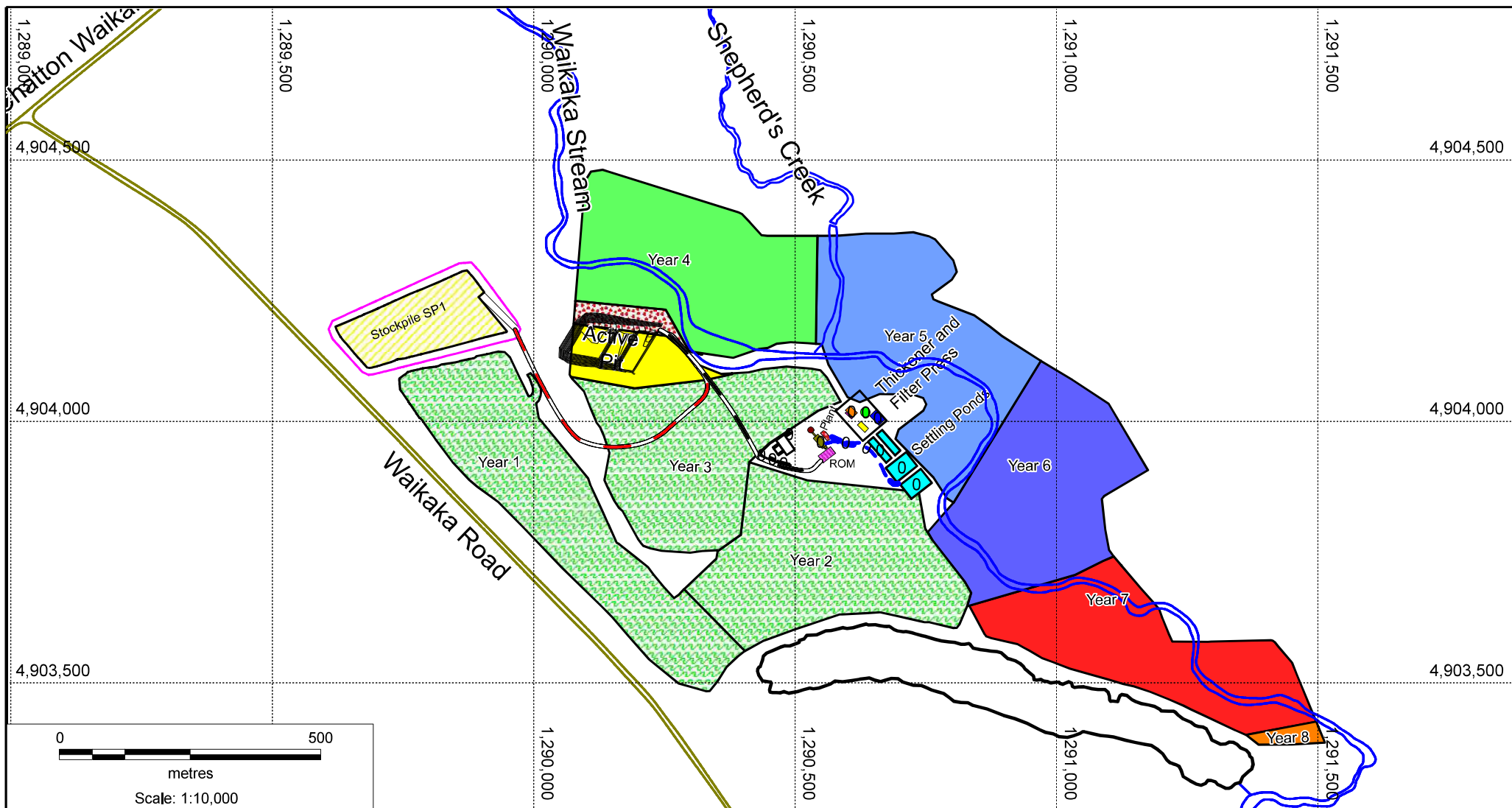
- | | | | |
|--|----------------------------|--|------------------------------------|
| | Mine Path Blocks | | Area Mined by L&M Mining 2001/2002 |
| | Main Roads | | L & M Mining Terminal Pond |
| | Temporary Diversions 1 & 2 | | Waikaka Stream and Shepherds Creek |
| | Temporary Diversions 3 & 4 | | Access Roads |
| | Western Drain | | Pipeline |
| | | | Starter Pit |
| | | | Settling Ponds |

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WAIKAKA Exploration Permit 56372

Plan of Potential Mining Block and General Infrastructure

Reference Files : Topography Geology Aeromag Tenement	Compiled : WNB	Date : 18 Mar 2024	Revision:
	Drawn : WNB	Scale : 1 : 10,000	Projection: NZTM
	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0567_10k_A4



LEGEND

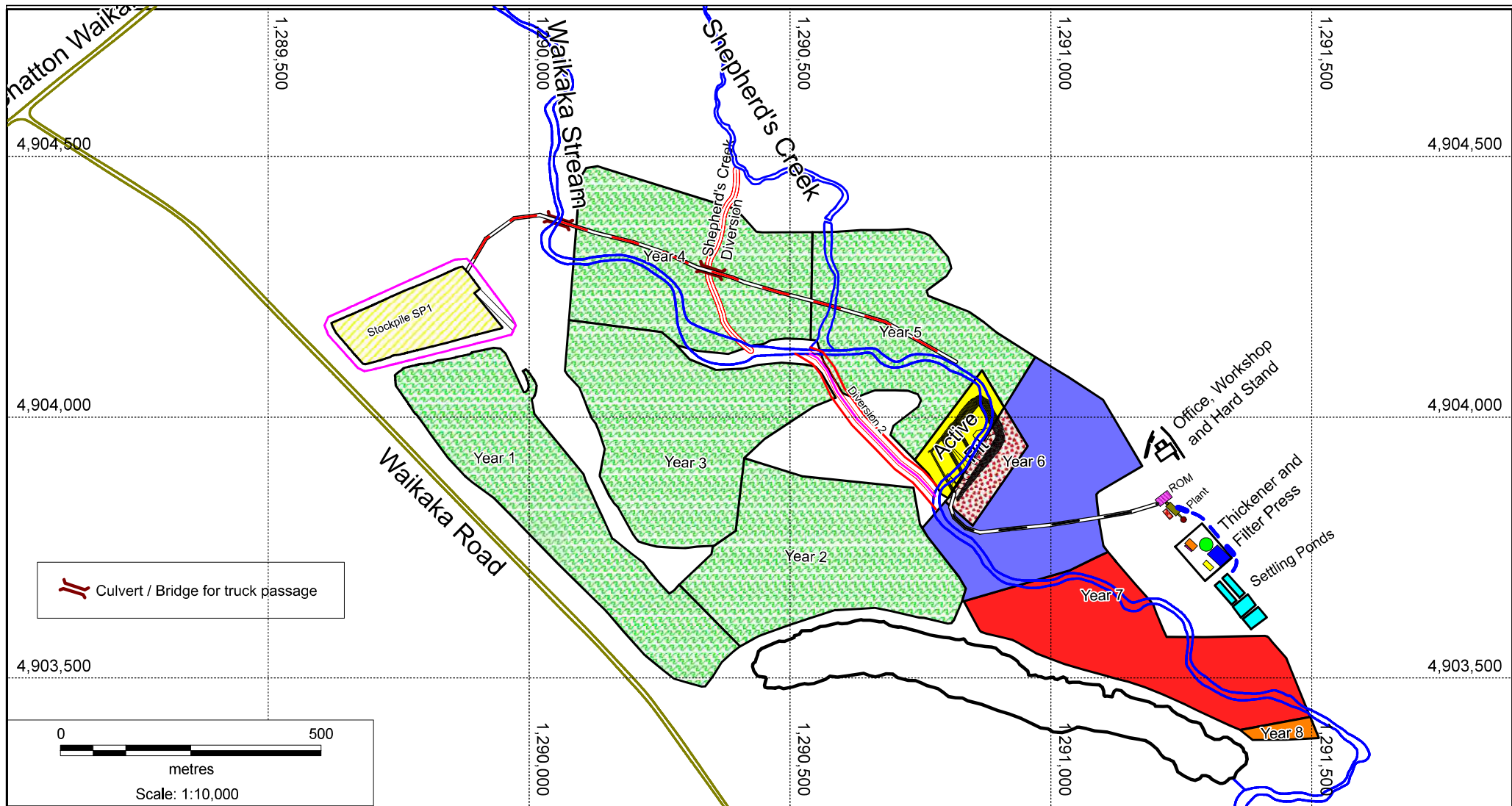
- | | | | |
|--|----------------------------|---|--------------------|
|  | Stockpile SP1 |  | Rehabilitated Land |
|  | Sealed Roads |  | Active Pit area |
|  | Waikaka Stream |  | Year 3 Advance |
|  | L&M Pond |  | Pre Strip Topsoil |
|  | Haul Road to/from pit, SP1 | | |
|  | Haul Road Pit to ROM | | |

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WAIKAKA Exploration Permit 56372

**Waikaka Mine Development - Schematic.
End of Year 3**

Reference Files :	Compiled : WNB	Date : Nov 2023	Revision:
	Drawn : WNB	Scale : 1 : 10,000	Projection: NZTM
	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0524_10k_A4



LEGEND

- | | | | | | |
|--|----------------------------------|---|--------------------|---|---------------------------|
|  | Stockpile SP1 |  | Rehabilitated land |  | Haul Road Pit to ROM |
|  | Sealed Roads |  | Active Pit |  | Shepherds Creek Diversion |
|  | Waikaka Stream |  | Pre-Strip Soils |  | Haul Road SP1 to Backfill |
|  | L&M Pond |  | Year 6 Advance |  | Pipeline |
|  | Diversion 2 | | | | |
|  | Diversion 3 (under construction) | | | | |

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WAIKAKA Exploration Permit 56372

**Waikaka Mine Development - Schematic.
End of Year 5**

Reference Files:

Topography
Geology
Aeromag
Tenement

Compiled:

WNB
WNB

Date:

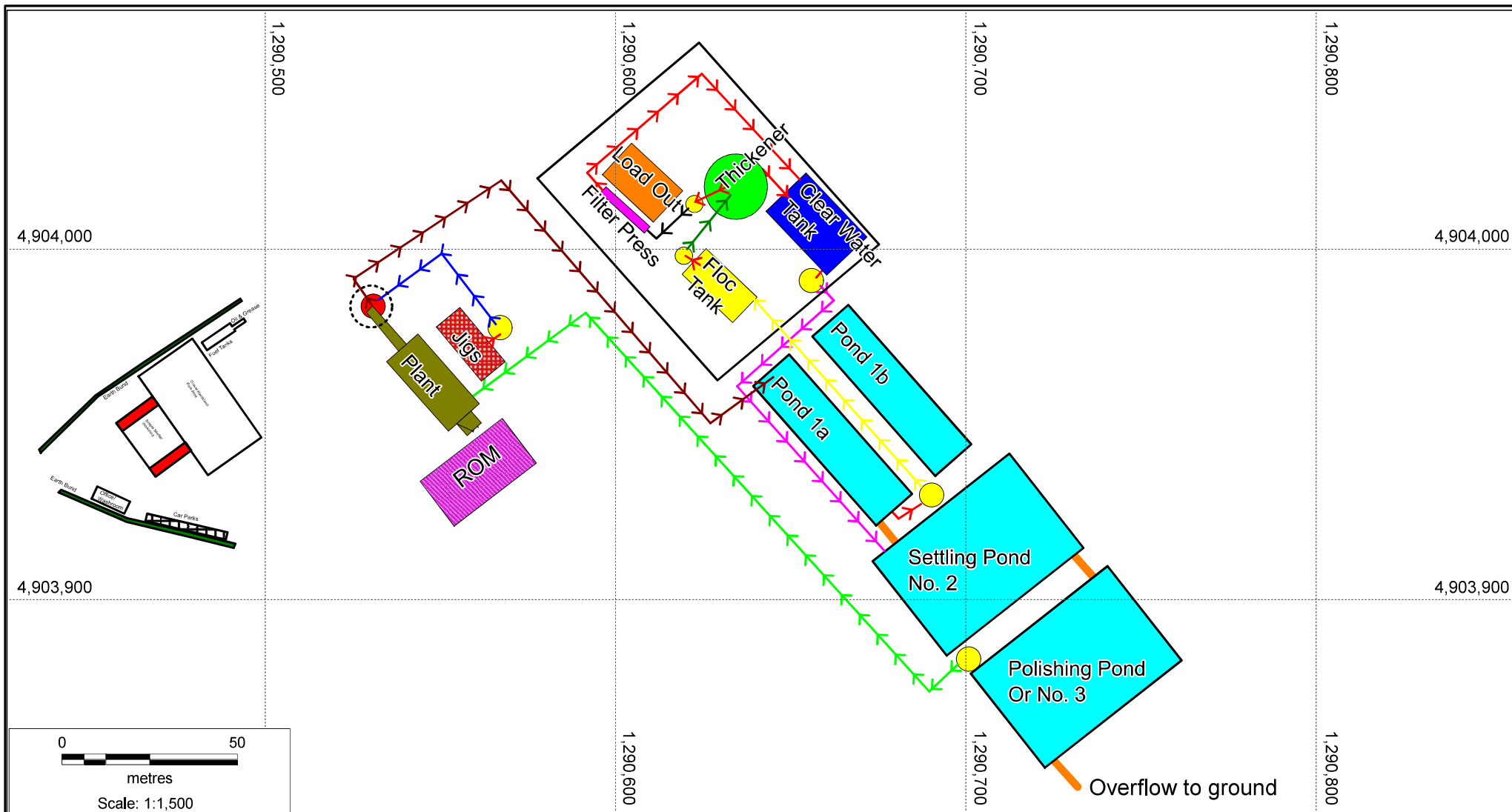
Nov 2023
Scale: 1:10,000

Revision:

Projection:
NZTM

Drawing Path:
I:\MapInfo\Plots

Drawing Name:
WK0526_10k_A4



LEGEND

	Gravity Return to pond or pump		Pipeline from Thickener to Filter Press
	Gravity Overflow from Settling Pond		Pump
	Re-circulation Pipeline to Plant		Settling Ponds
	Pipeline from Slimes Plant to Settling Ponds		Hydrocyclone above Tailings Stack
	Pipeline to Tailings Cyclone		Gold Plant
	Cyclone Overflow to settling Ponds Pipeline		Jig Plant
	pipeline from Settling Pond to Slimes Treatment Plant		ROM Pad
	Pipeline from Flocculating Tank to Thickener		

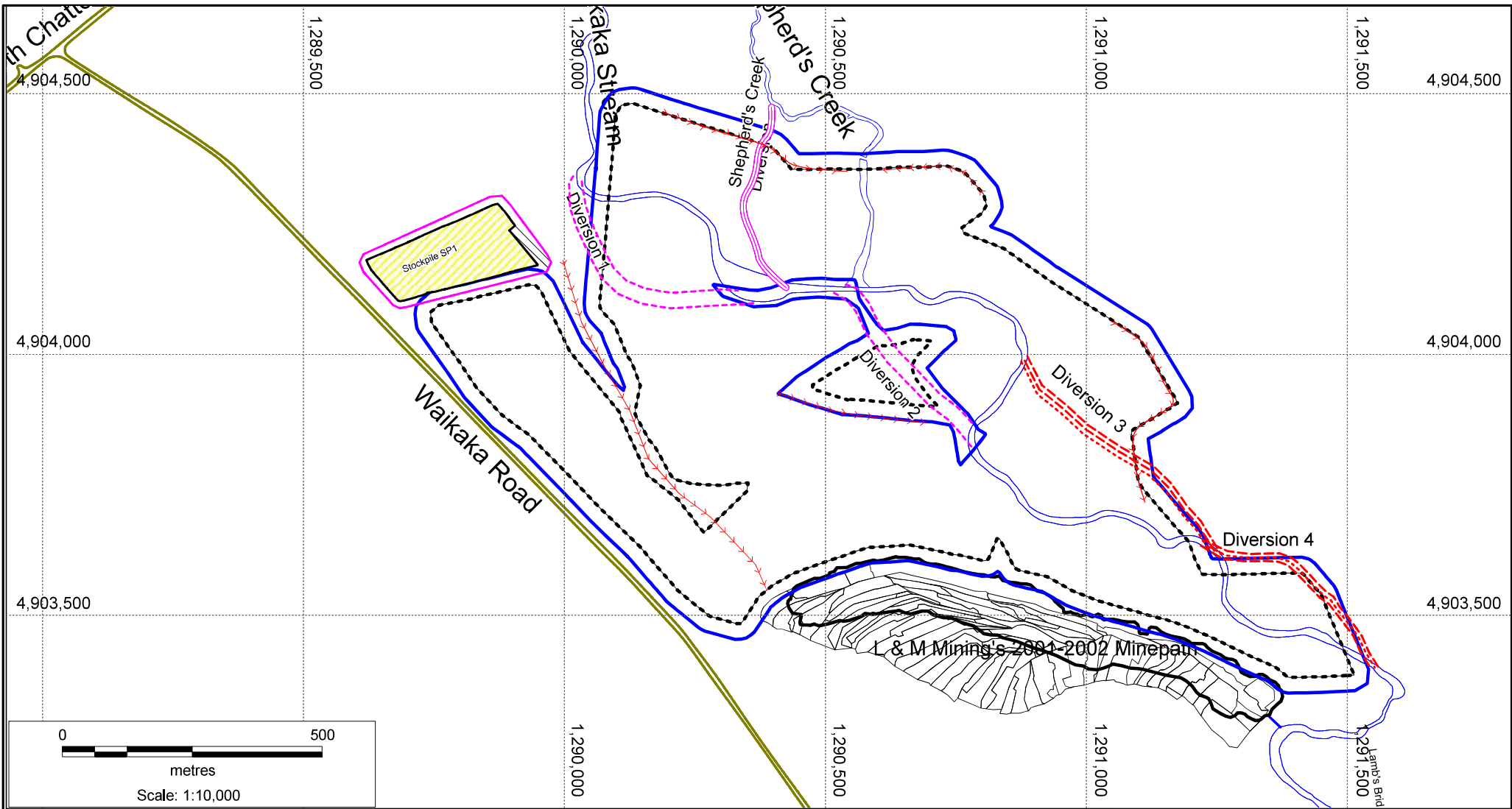


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WAIKAKA Exploration Permit 56372

Plan of Plant Site No 1 Showing Schematic Water flow

Reference Files :	Compiled : WNB	Date : 20 Mar 2024	Revision:
Topography :	Drawn : WNB	Scale : 1 : 1,500	Projection: NZTM
Geology :	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0568_1.5k_A4
Aeromag :			
Tenement :			



LEGEND

- | | | | |
|---|------------------------------------|---|-------------------------------------|
|  | Stockpile SP1 |  | Pit Top of Batter (TOB) |
|  | Sealed Roads |  | 30m Buffer from TOB |
|  | L&M Terminal Pond |  | Waikaka_TOB_Buffer_BU_blocks_S |
|  | Waikaka Stream and Shepherds Creek |  | Shepherds Creek Temporary Diversion |
|  | Area Mined by L&M Mining 2001/2002 |  | Temporary Diversions |
| | |  | Minor Drains post rehab |

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WAIKAKA Exploration Permit 56372

Plan showing Temporary Diversions of Waikaka Stream, Shepherds Creek. 4 Diversion Model

Reference Files :

Topography :
Geology :
Aeromag :
Ternment :

Compiled :
WNB

Drawn :
WNB

Drawing Path :
I:\MapInfo\Plots

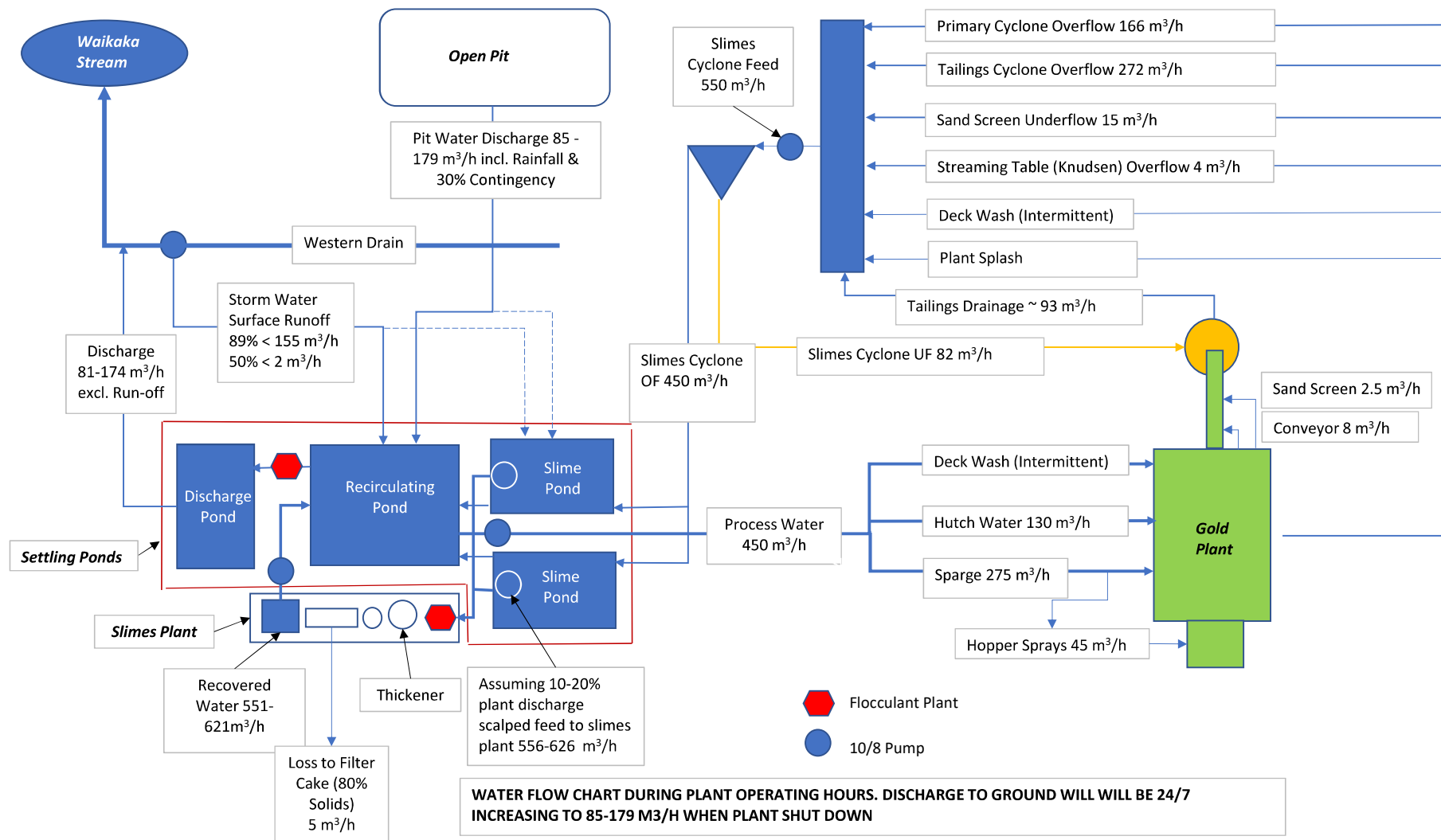
Date :
11 Mar 2024

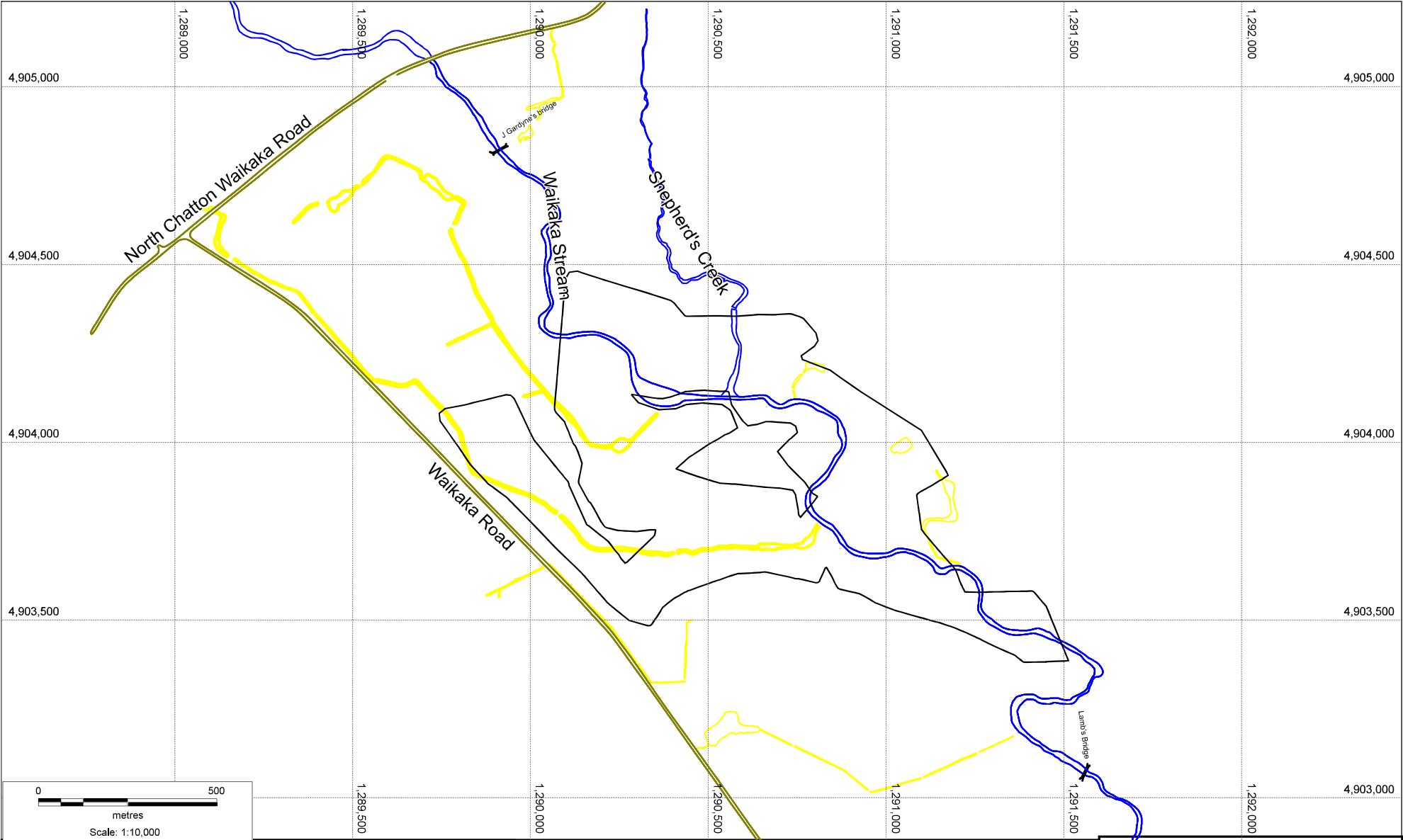
Scale :
1 : 10,000

Projection:
NZTM

Revision:

Drawing Name :
WK0560_10k A4





LEGEND

- Proposed Pit Margin
- Sealed Roads
- Waikaka Stream and Shepherds Creek
- Drains

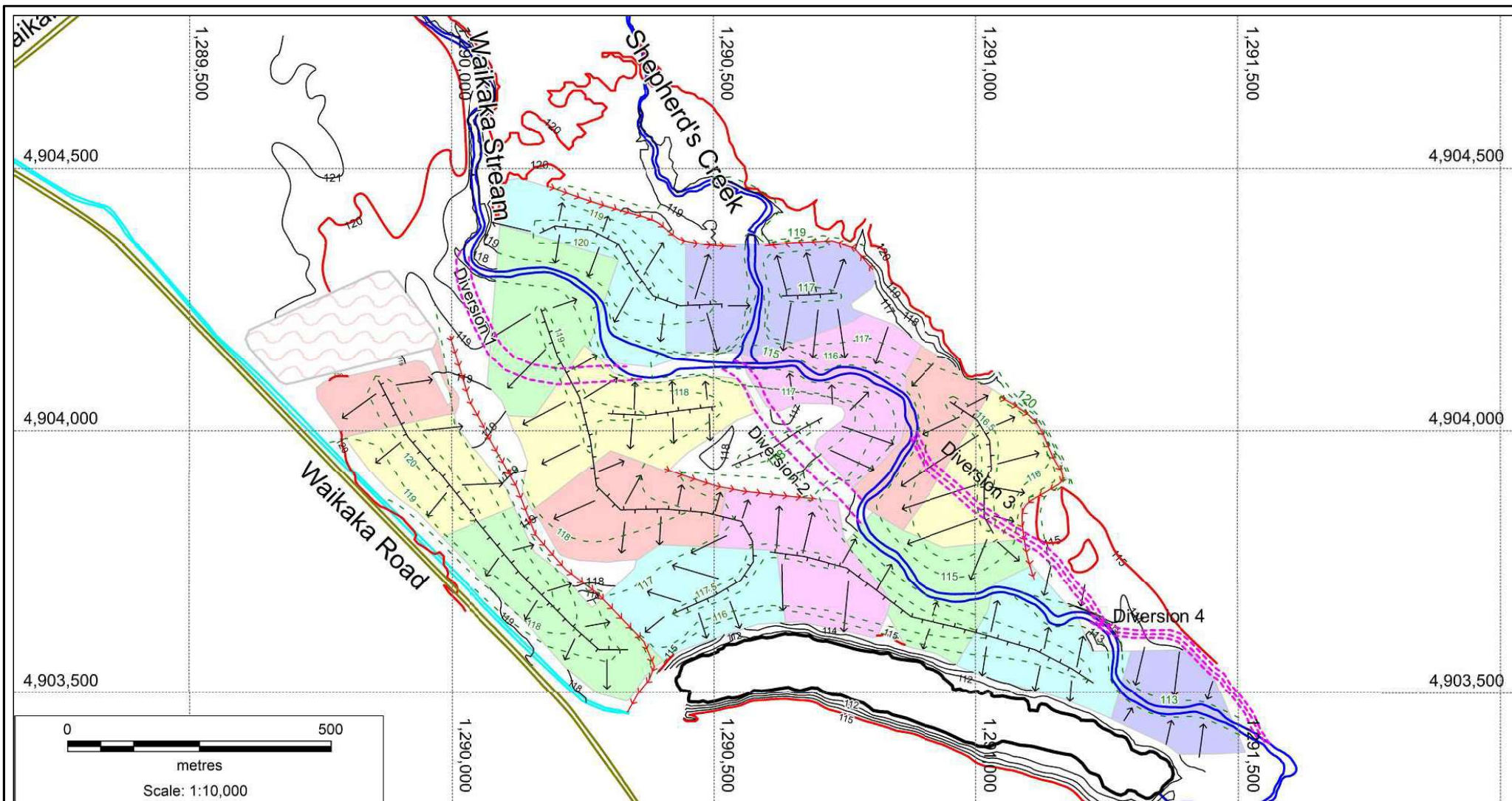
Waikaka Site, Pre-Mining. showing existing drains,
Waikaka Stream, Shepherds Creek and Remnant Dredge Ponds

WGML WAIKAKA
GOLD MINES LTD

WAIKAKA EP 56372

Existing Drainage, Pre-Mining

Reference Files : Topography Grids Aerials Terrain	Compiled : WNB	Date : Mar 2024	Revision: 2 : 6 March 2024
	Drawn : WNB	Scale : 1 : 10,000	Projection: NZTM
	Drawing Name : WK0557 10k A3		
	Drawing Path :		



LEGEND

- Sealed Roads
- Western Drain
- L&M Pond
- Runoff Direction
- Waikaka Stream and Shepherds Creek
- 115 and 120m contours
- Intermediate Contours (as marked)
- Post Mining Contours

- Runoff Direction
- Swale Drain
- Ridgeline
- Waikaka Stream Diversions
- Western Drain realigned
- Wetland

- Stockpile SP1
- Minepath to TOB



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WAIKAKA Exploration Permit 56372

Post Mining Schematic Drainage Pattern

Reference Files :

Topography
Geology
Aeromag
Tenement

Compiled :
WNB

Drawn :
WNB

Drawing Path :
I:\MapInfo\Plots

Date :
Mar 2024

Scale :
1 : 10,000

Projection:
NZTM

Revision:

Projection:
NZTM

Drawing Name :

WK0564_10k_A4



LEGEND

- Haul Road - Pit to Stockpile
- Haul Road - Pit to ROM
- Year 2 Active Pit
- Year 3 Advance
- Soils Pre Strip

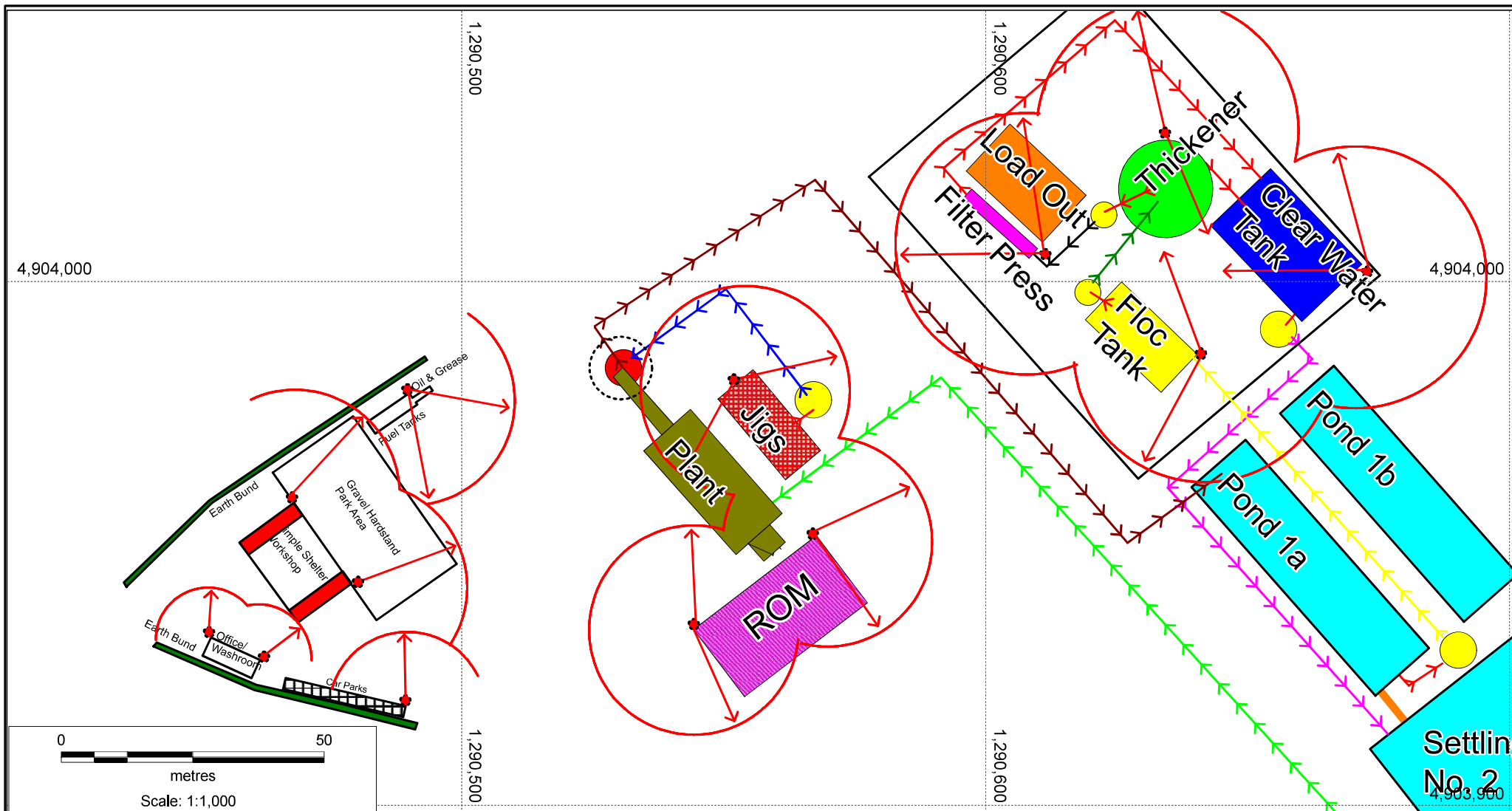
- Pipeline
- Screening Plant
- Jig Plant
- ROM Pad
- Coarse Tailings Stockpile
- Vehicle Parks
- Simple Shelter and 12m containers

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WAIKAKA Exploration Permit 56372

General Workshop Infrastructure Area
Shown at end of year 2

Reference Files :	Compiled : WNB	Date : Nov	Revision:
	Drawn : WNB	Scale : 1 : 12,500	Projection: NZTM
	Drawing Path : I:\MapInfo\Plots		Drawing Name : WK0530_500_A4



LEGEND

	Gravity Return to pond or pump		Pipeline from Thickener to Filter Press		Direction and range of lighting
	Gravity Overflow from Settling Pond		Pump		Direction of Lighting
	Re-circulation Pipeline to Plant		Settling Ponds		Light (Small circle)
	Pipeline from Slimes Plant to Settling Ponds		Hydrocyclone above Tailings Stack		
	Pipeline to Tailings Cyclone		Gold Plant		
	Cyclone Overflow to settling Ponds Pipeline		Jig Plant		
	pipeline from Settling Pond to Slimes Treatment Plant		ROM Pad		
	Pipeline from Flocculating Tank to Thickener				

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Plan of Plant Site No 1 Lighting Pattern

Reference Files :	Compiled :	Date :	Revision:
Topography :	WNB	21 Mar 2024	
Geology :	Drawn :	Scale :	Projection:
Aeromag :	WNB	1 : 1,000	NZTM
Tenement :	Drawing Path :	Drawing Name :	
	I:\MapInfo\Plots	WK0570_1.0k_A4	