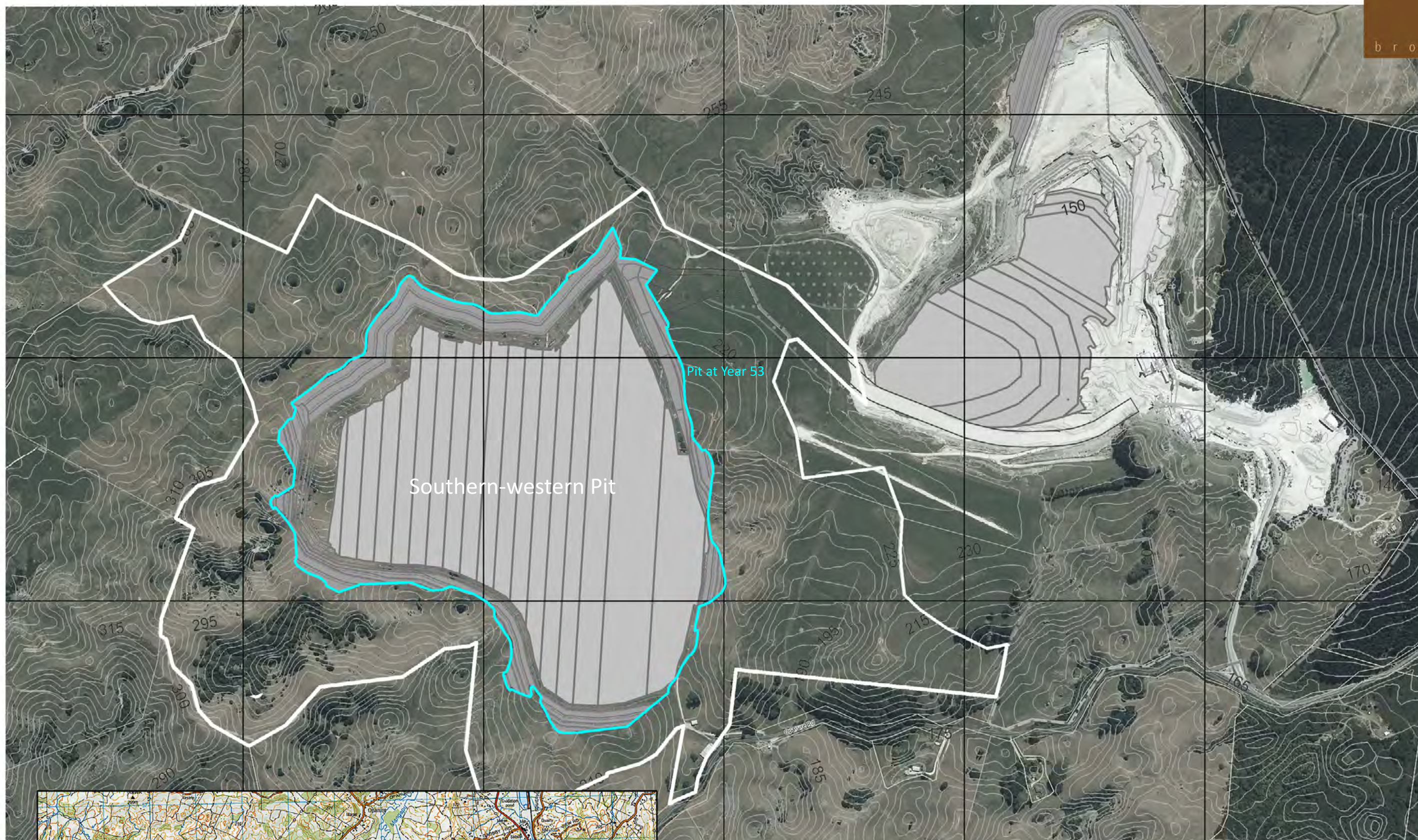




Overview of the existing Oparure Pit & the proposed South-western Pit

Landscape Effects Assessment: South-western Pit

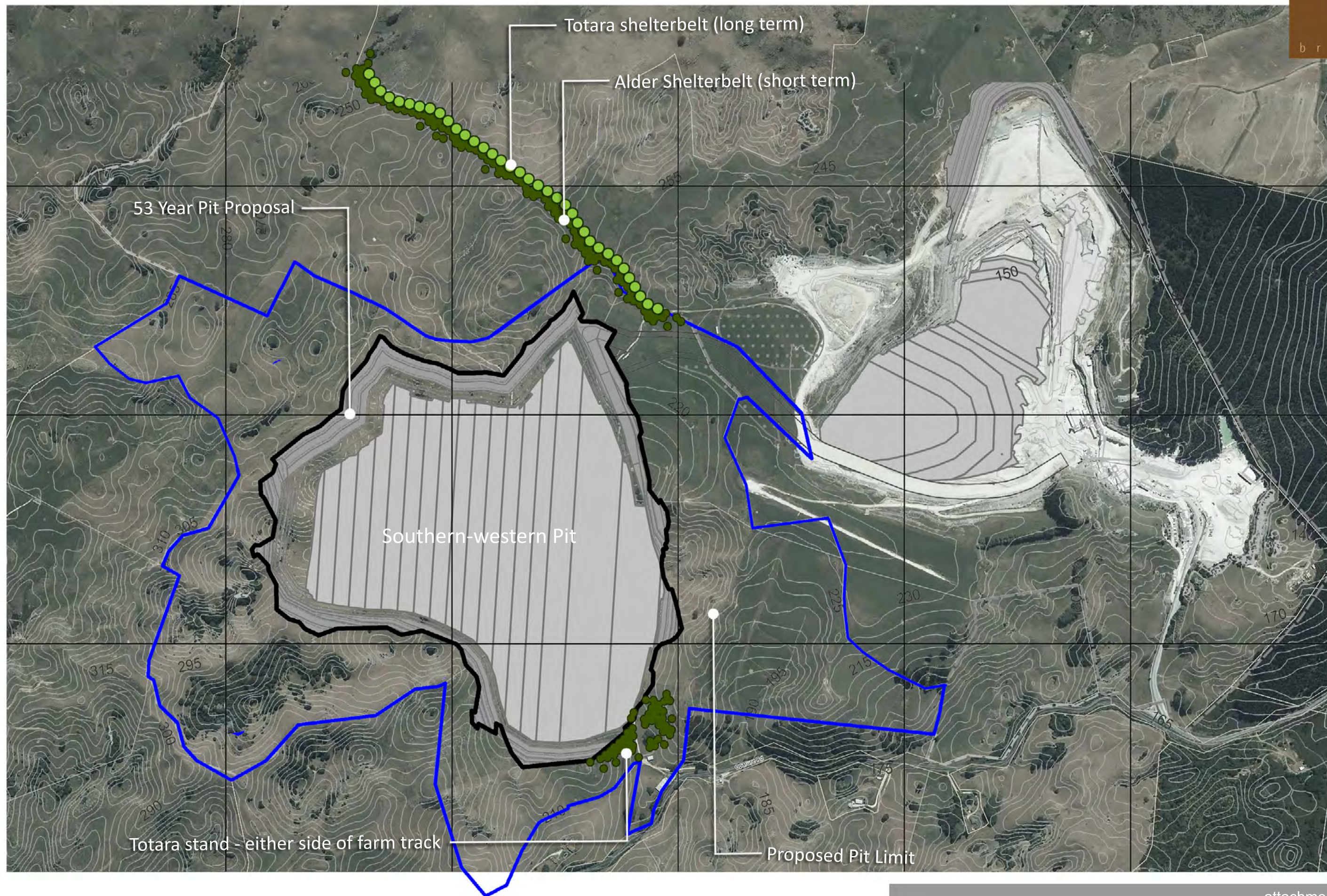
The location & extent of the proposed South-western pit



Looking from the southern edge of the existing quarry towards the consented Northern Expansion area



Looking from the eastern edge of the quarry over the central pit & crushing plant



Landscape Effects Assessment: South-western Pit

Proposed screen & mitigation planting - short & long term





Landscape Effects Assessment: South-western Pit

On-site photo locations

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit **Photo Location 1.**

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

Photo Location 2.

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By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

Photo Location 3.

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By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

Photo Location 4.

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By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

Photo Location 5.

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By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

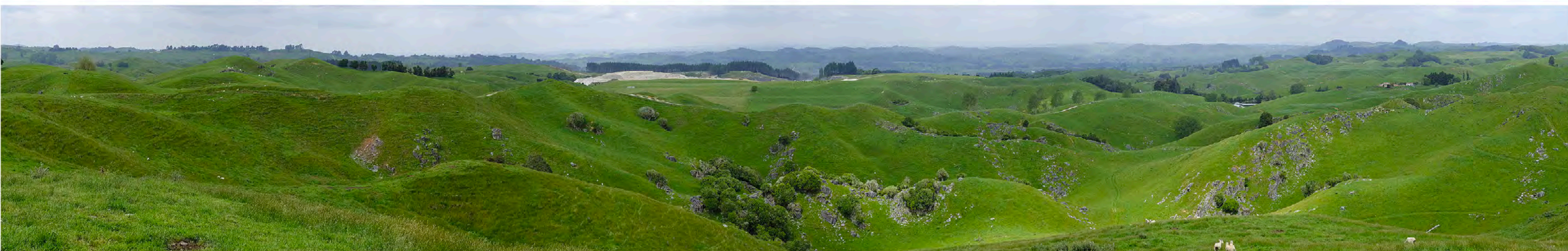
Photo Location 6.

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By Brown NZ LTD
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Landscape Effects Assessment: South-western Pit

Photo Location 7.

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By Brown NZ LTD
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Landscape Effects Assessment: South-western Pit

Part of a limestone scarp exposed above the Oparure Marae
at the edge of Oparure Village (Waitomo District)

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By Brown NZ LTD
February 2026



Landscape Effects Assessment: South-western Pit

The limestone cliffs above Pangaki Stream next to SH3
near Paemako (Waitomo District)

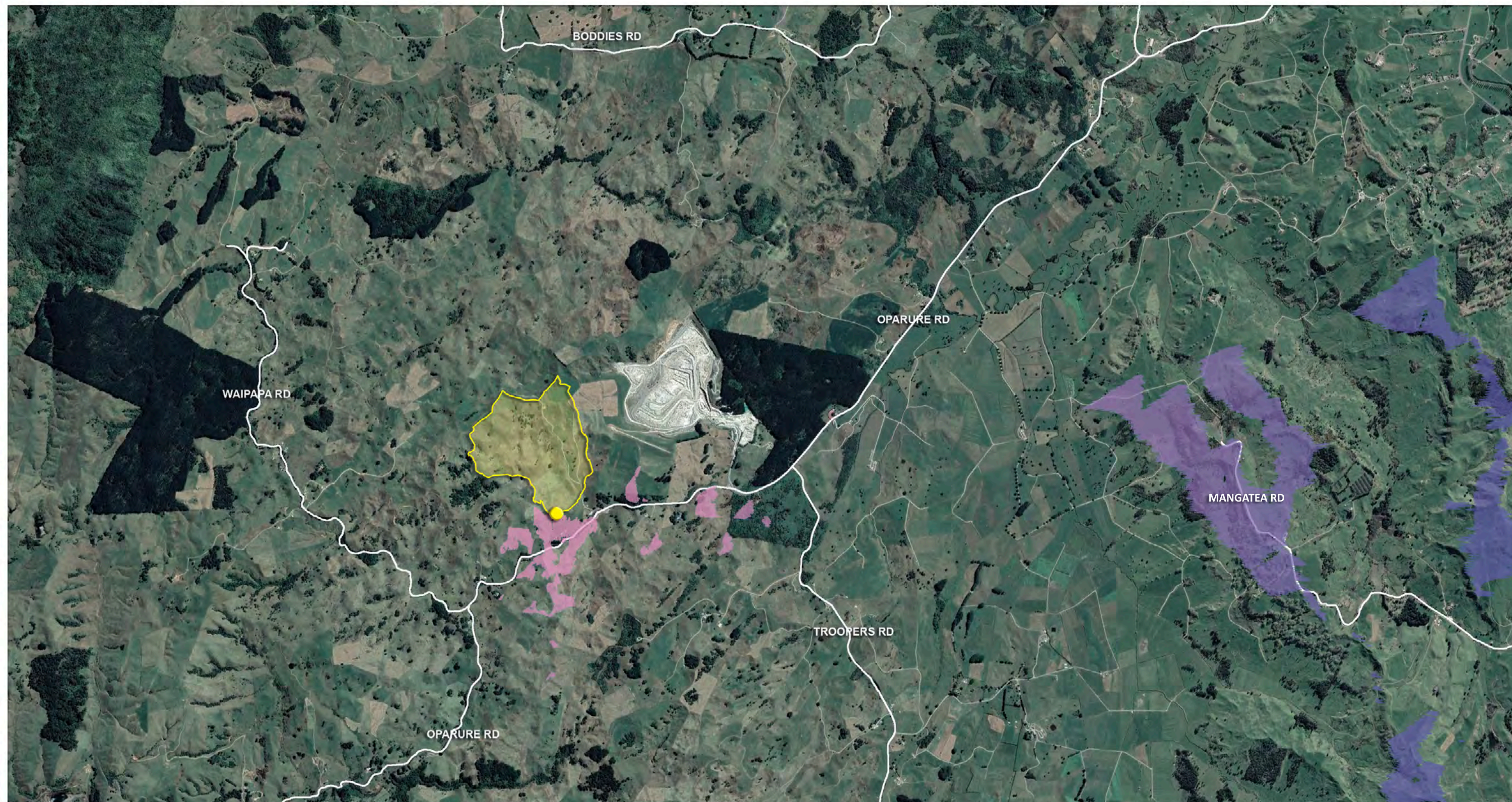
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By Brown NZ LTD
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Landscape Effects Assessment: South-western Pit

An exposed sequence of limestone outcrops & standing stones near Ngaroma & the Mangaharakeke Stream (Otorohanga District)

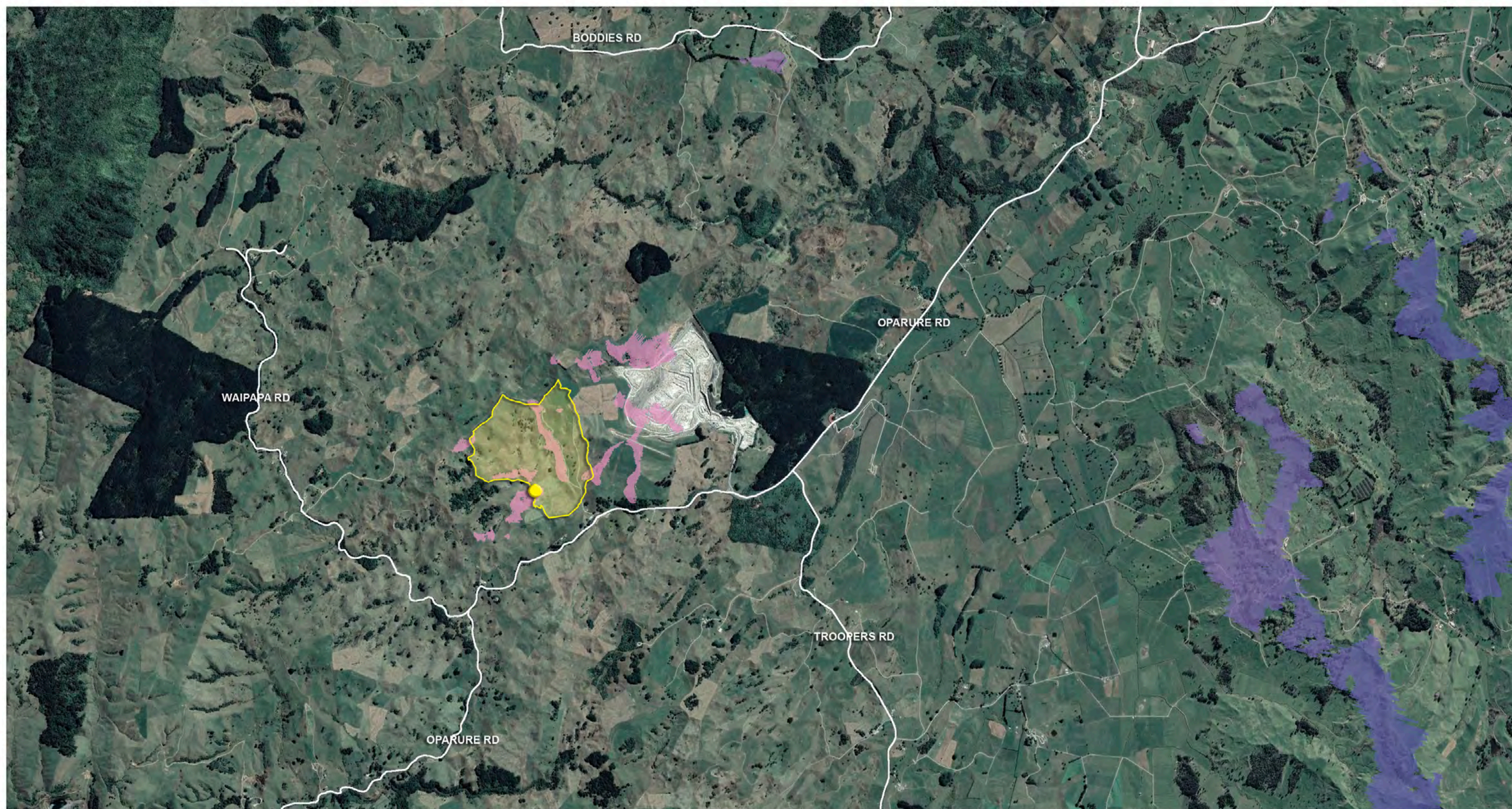
Prepared for Graymont NZ Ltd
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February 2026



Landscape Effects Assessment: South-western Pit

Area theoretically exposed to the elevated terrain at the southern edge of the proposed pit

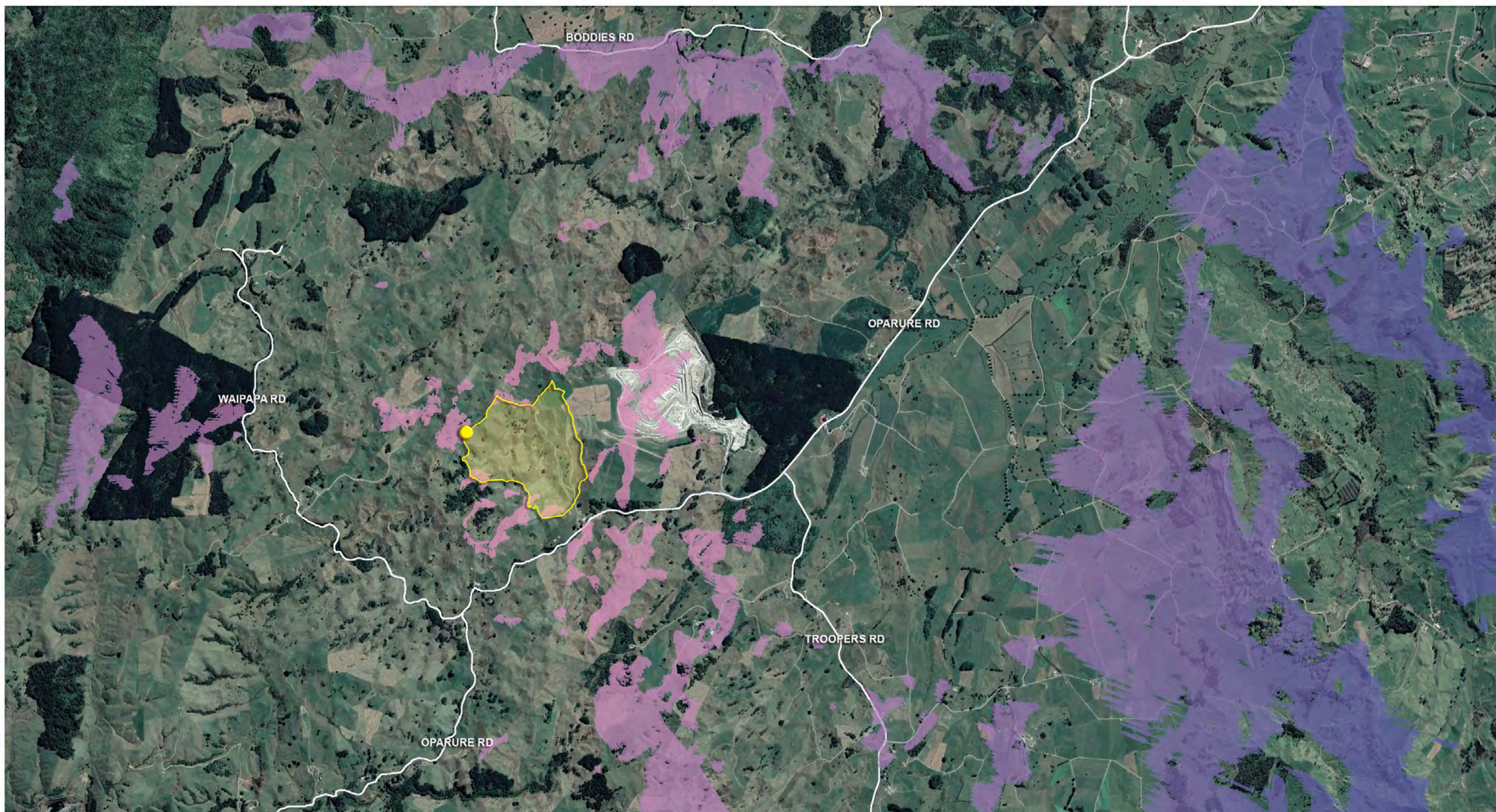
Prepared for Graymont NZ Ltd
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Landscape Effects Assessment: South-western Pit

Area theoretically exposed to the elevated terrain at the south-western edge of the proposed pit

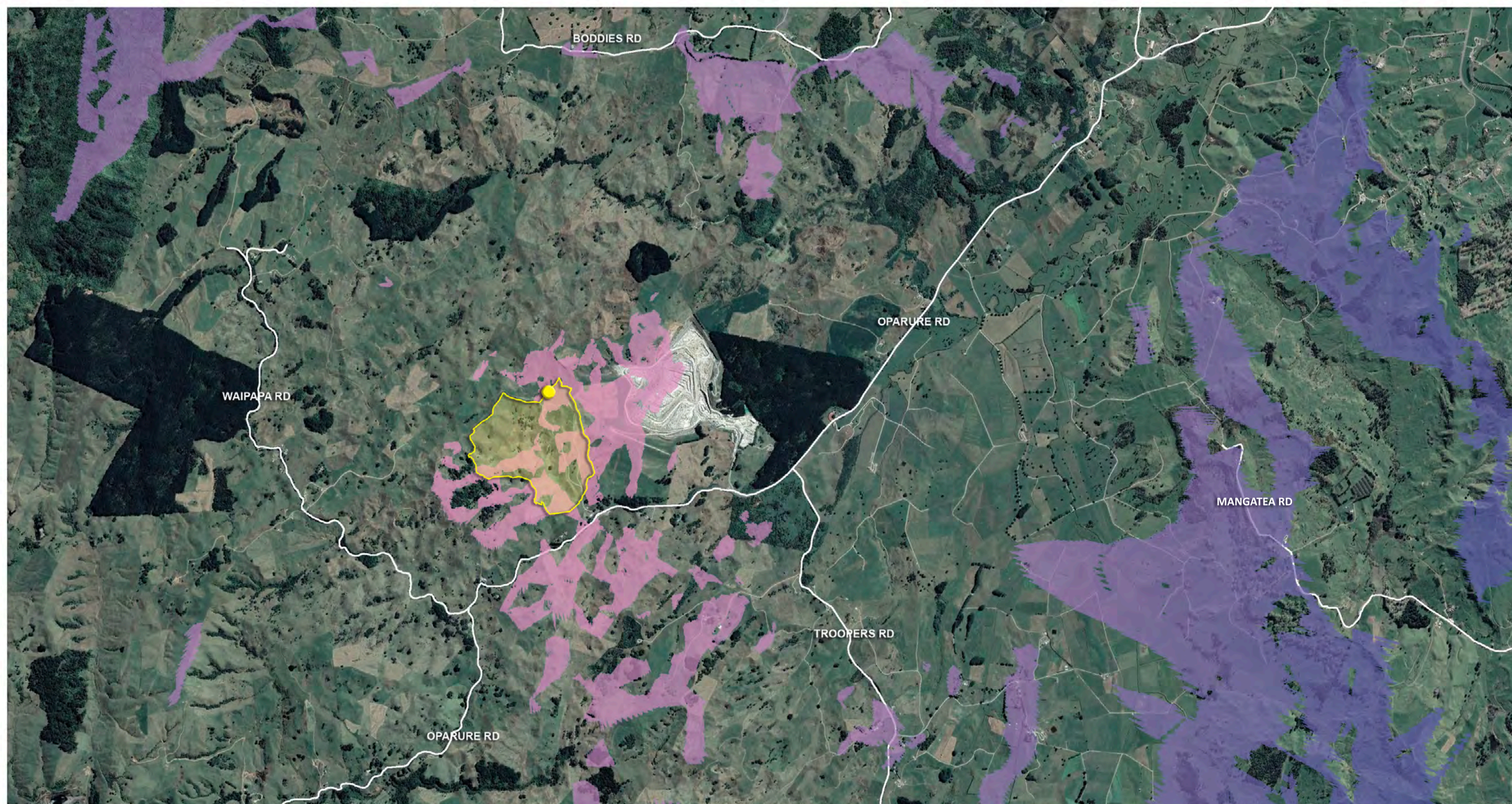
Prepared for Graymont NZ Ltd
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Landscape Effects Assessment: South-western Pit

Area theoretically exposed to the elevated terrain at the north-western edge of the proposed pit

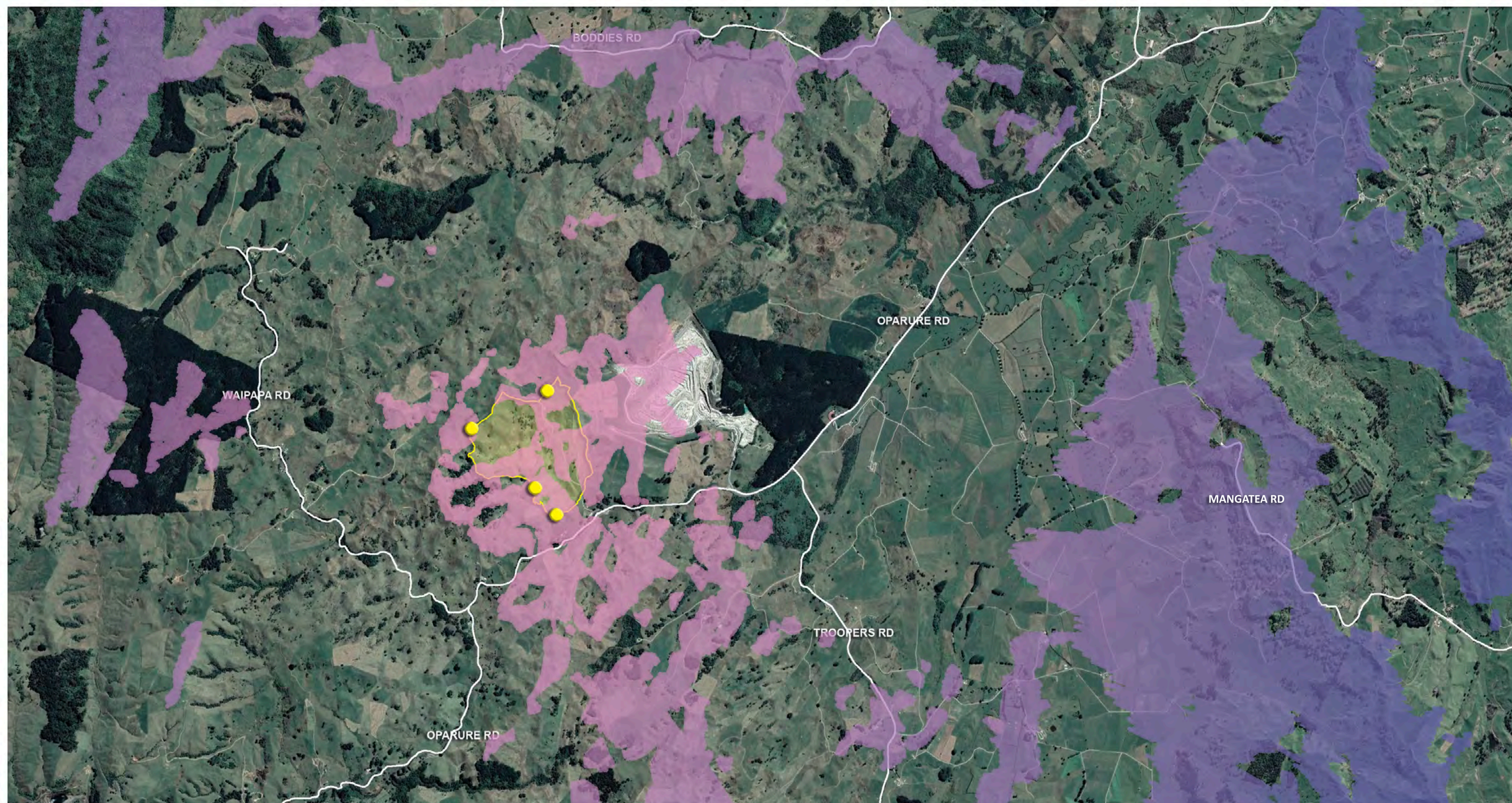
Prepared for Graymont NZ Ltd
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Landscape Effects Assessment: South-western Pit

Area theoretically exposed to the terrain at the northern edge of the proposed pit

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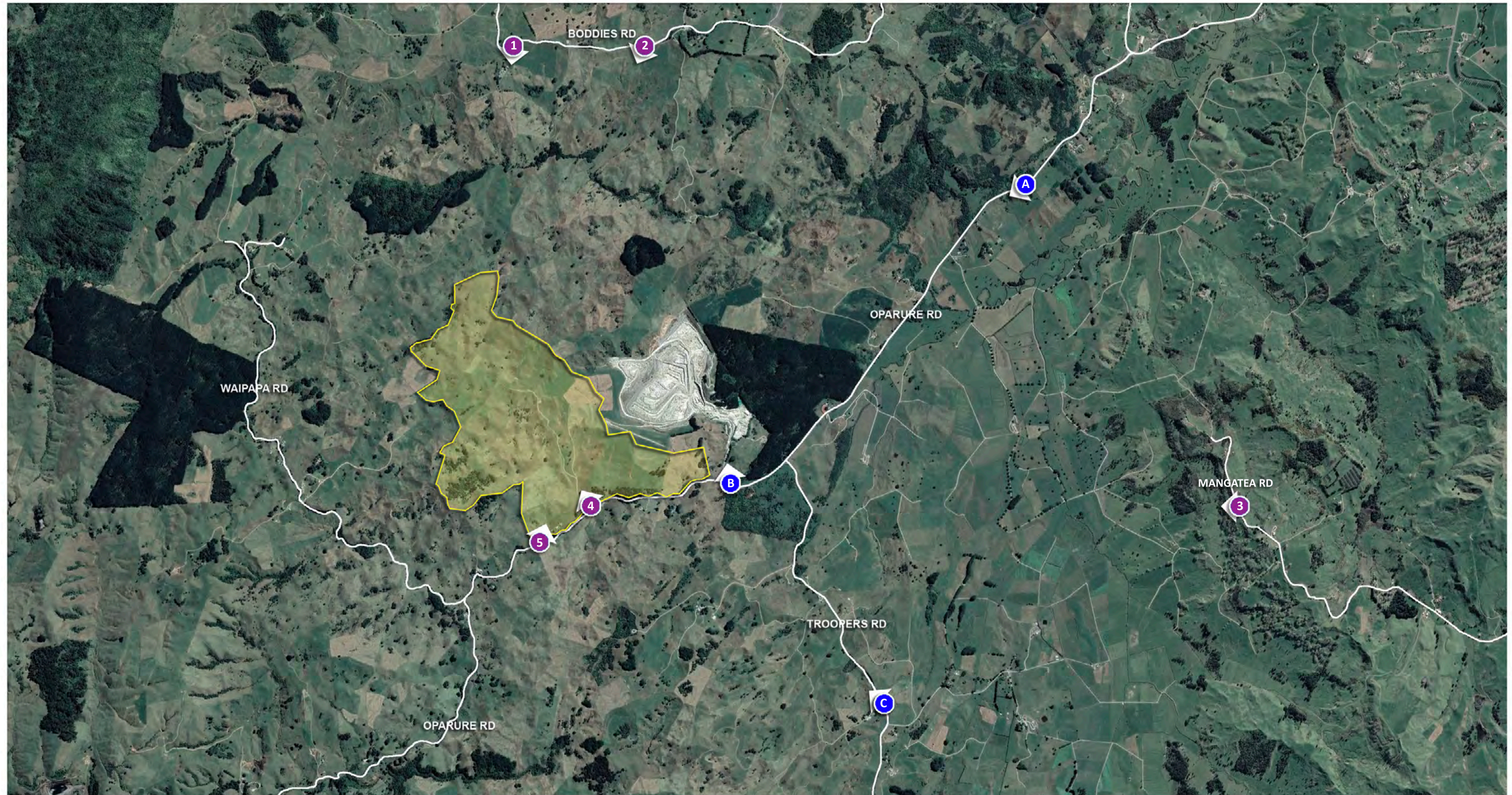


Landscape Effects Assessment: South-western Pit

Area theoretically exposed to the more elevated margins of the proposed pit (composite ZTV)

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- Viewpoint Analysis Locations
- Additional Viewpoints



Landscape Effects Assessment: South-western Pit

Photo point locations

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Approaching the existing Oparure Quarry, with part of it visible to the right of the stand of pine trees on the south-western skyline





B

Landscape Effects Assessment: South-western Pit

Approaching the Oparure Quarry entrance on Oparure Road

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Landscape Effects Assessment: South-western Pit

Looking towards the Oparure Quarry & Pakeho site
from next to 836 & 840 Troopers Road

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Landscape Effects Assessment: South-western Pit

Looking towards the Oparure Quarry & South-western Pit site
from near to 621 Troopers Road

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By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo at 12.45pm on 31st December 2019, looking southwards

1

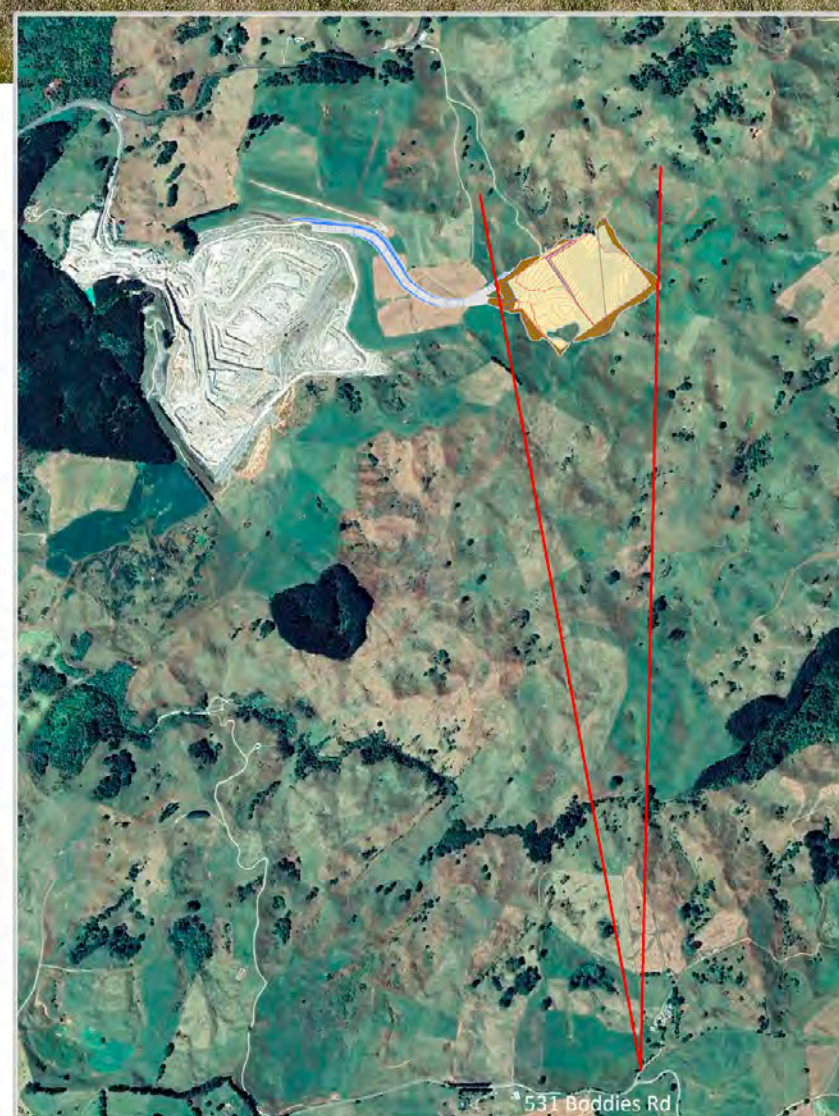
Landscape Effects Assessment: Viewpoint 1

**Looking towards the Oparure Quarry & the South-western Pit site
from 531 Boddies Road: current view**

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.45pm on 31st December 2019, looking southwards



Landscape Effects Assessment: Viewpoint 1

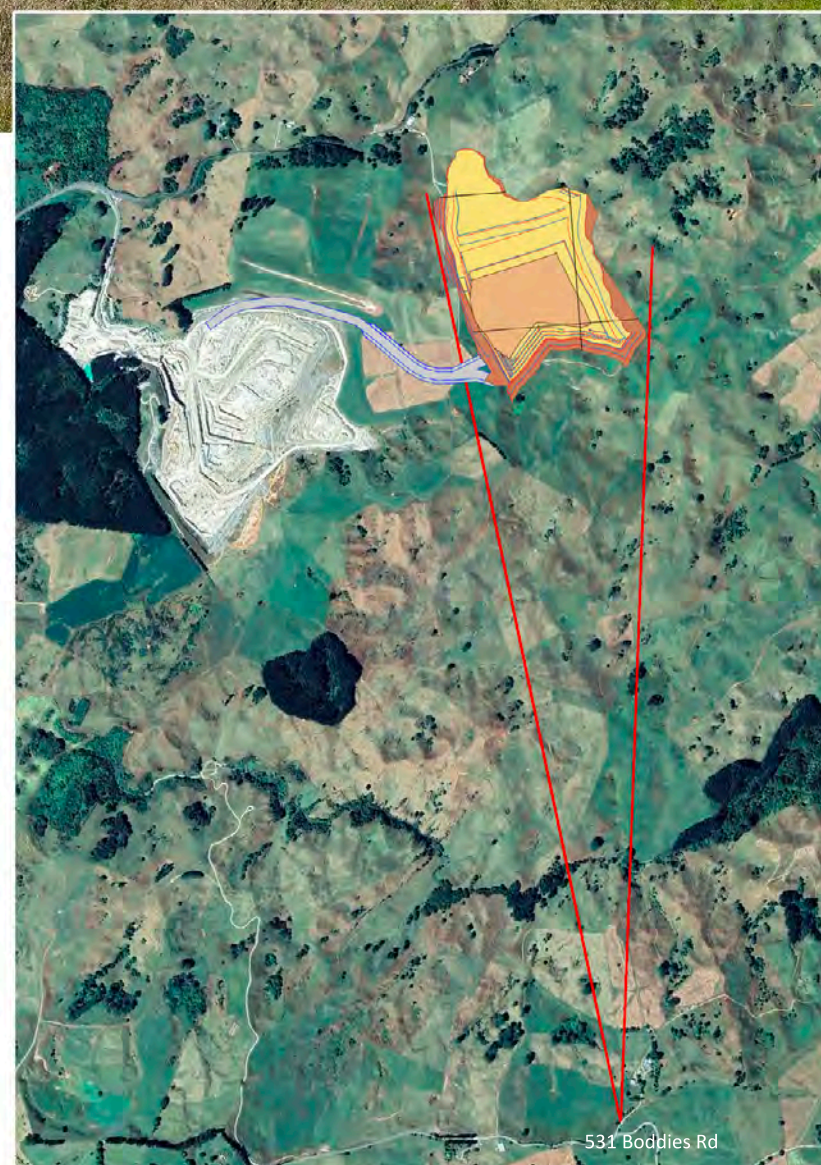
Looking towards the Oparure Quarry & the South-western Pit site from
531 Boddies Road: view showing the proposed pit at 5 Years

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.45pm on 31st December 2019, looking southwards

1



Landscape Effects Assessment: Viewpoint 1

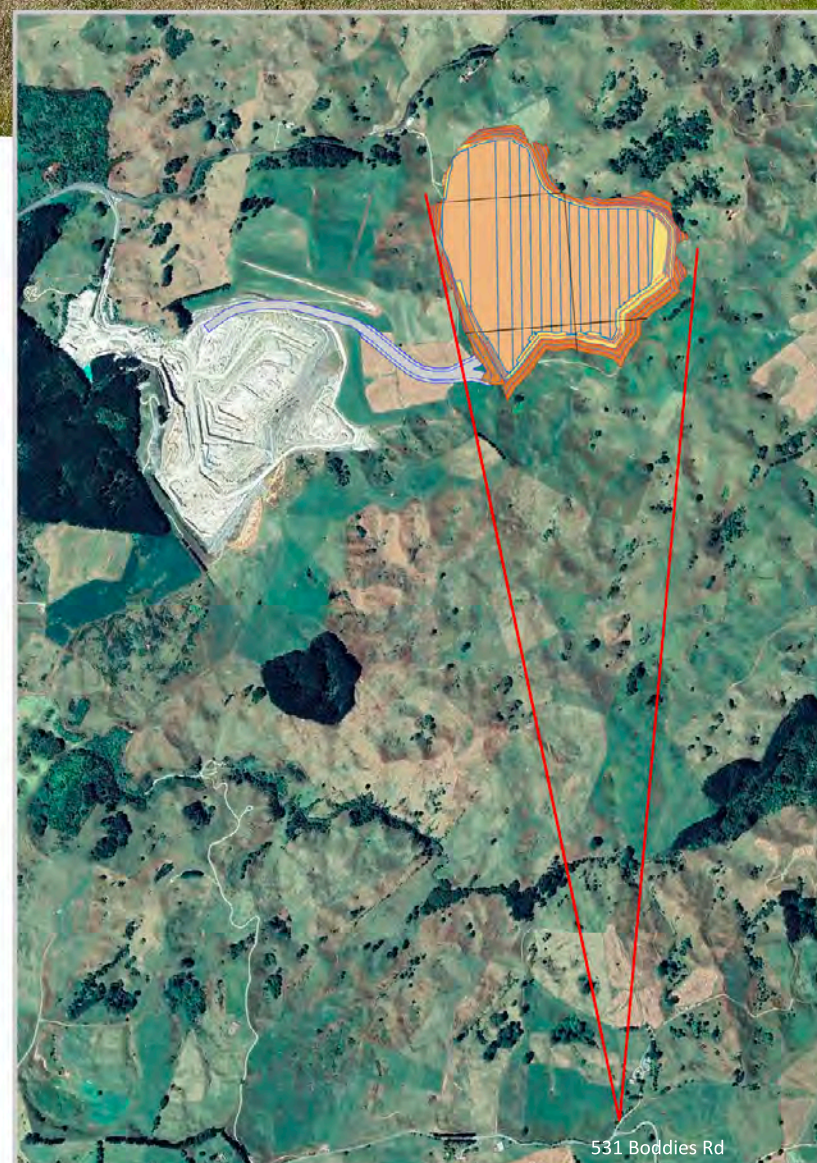
Looking towards the Oparure Quarry & the South-western Pit site from
531 Boddies Road: view showing the proposed pit at 23 Years

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.45pm on 31st December 2019, looking southwards

1



Landscape Effects Assessment: Viewpoint 1 **Looking towards the Oparure Quarry & the South-western Pit site from** **531 Boddies Road: view showing the proposed pit at 53 Years**

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 1pm on 31st December 2019, looking southwards

2

Landscape Effects Assessment: Viewpoint 2

Looking towards the Oparure Quarry & the South-western Pit site
from Boddies Road: current & anticipated future views

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.10pm on 31st December 2019, looking to the north-west

3

Landscape Effects Assessment: Viewpoint 3

**Looking towards the Oparure Quarry & the South-western Pit site
from Mangatea Road: current view**

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.10pm on 31st December 2019, looking to the north-west

3



Landscape Effects Assessment: Viewpoint 3

Looking towards the Oparure Quarry & the South-western Pit site
from Mangatea Road: view showing the proposed pit at 5 Years

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.10pm on 31st December 2019, looking to the north-west

3



Landscape Effects Assessment: Viewpoint 3

Looking towards the Oparure Quarry & the South-western Pit site
from Mangatea Road: view showing the proposed pit at 23 Years

Prepared for Graymont NZ Ltd

By Brown NZ LTD

February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 12.10pm on 31st December 2019, looking to the north-west



Landscape Effects Assessment: Viewpoint 3

Looking towards the Oparure Quarry & the South-western Pit site
from Mangatea Road: view showing the proposed pit at 53 Years

Prepared for Graymont NZ Ltd
By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 1.25pm on 31st December 2019, looking to the north-west

4

Landscape Effects Assessment: Viewpoint 4

Looking towards the South-western Pit site from Oparure Road:
current view

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By Brown NZ LTD
February 2026



Image comprises three 50mm equivalent photos taken with a Fuji XT3 camera
Photo taken at 1.30pm on 31st December 2019, looking to the north-west

5

Landscape Effects Assessment: Viewpoint 5

Looking towards the South-western Pit site from Oparure Road:
current view

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By Brown NZ LTD
February 2026