Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD491		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



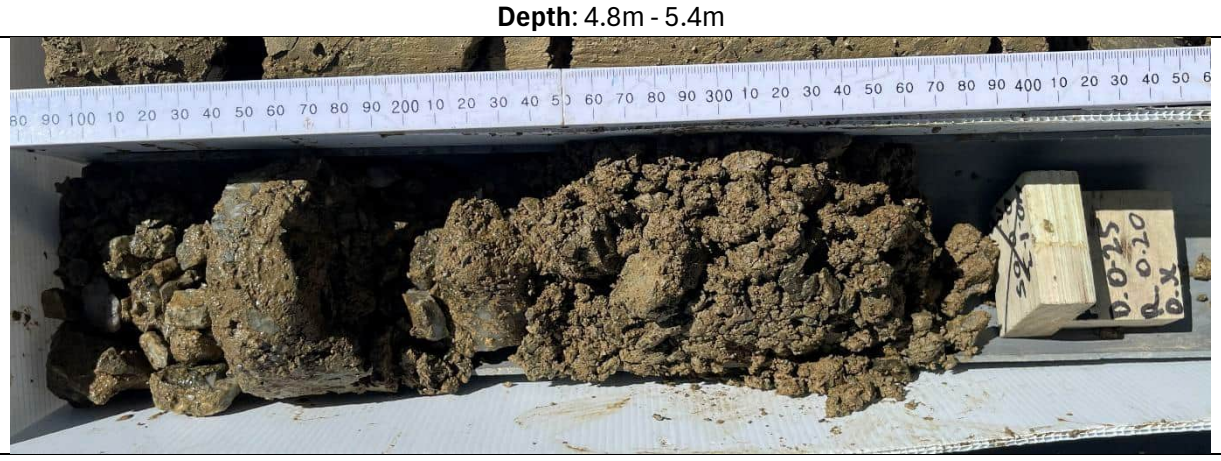
Depth: 4.05m - 4.4m



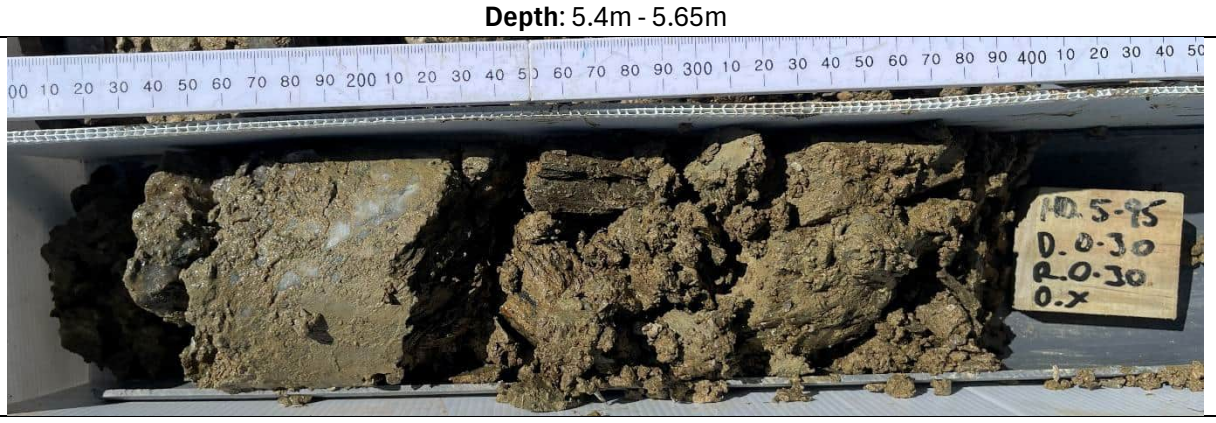
Depth: 4.4m - 4.8m



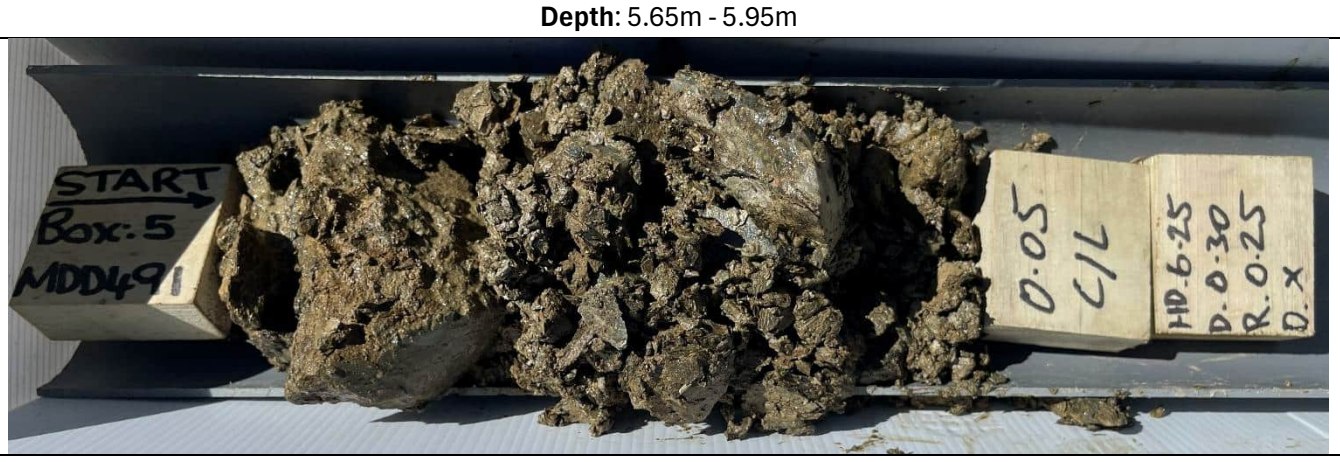
Depth: 4.8m - 5.4m



Depth: 5.4m - 5.65m

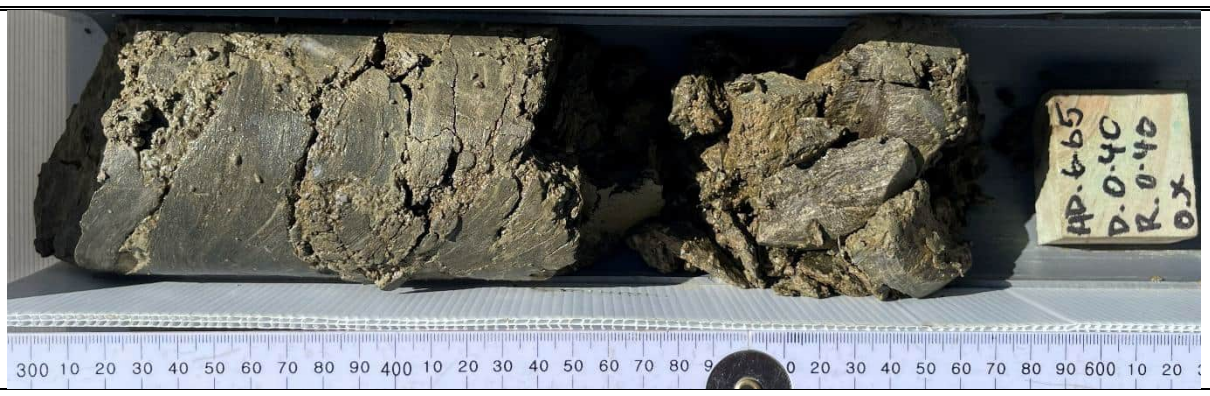


Depth: 5.65m - 5.95m



Depth: 5.95m - 6.25m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 6.25m - 6.65m



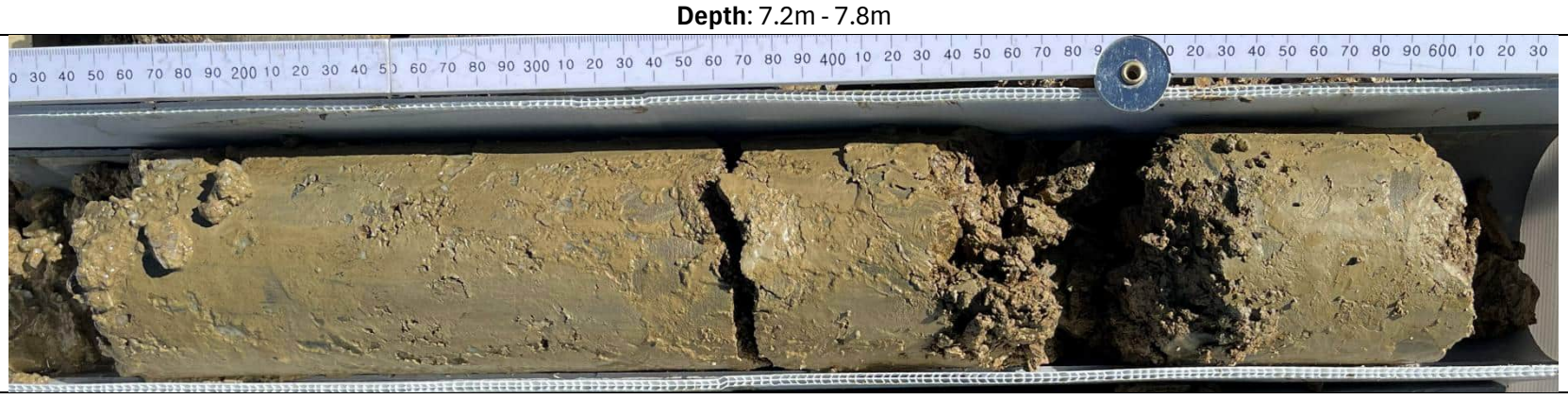
Depth: 6.65m - 6.9m



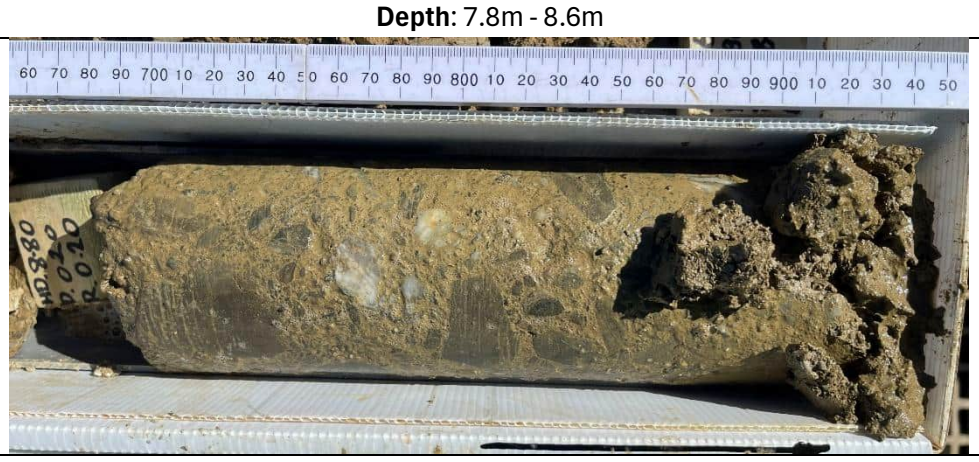
Depth: 6.9m - 7.2m



Depth: 7.2m - 7.8m



Depth: 7.8m - 8.6m

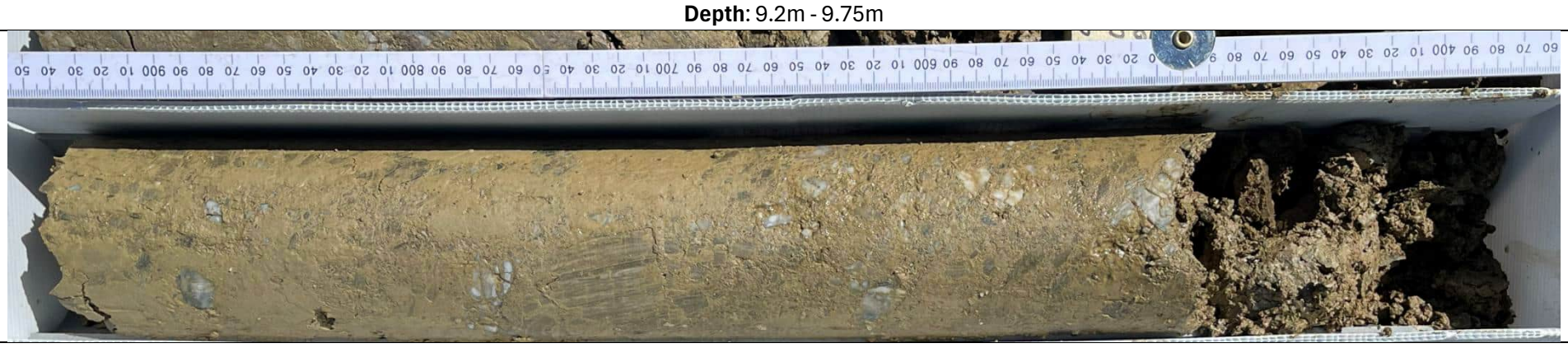


Depth: 8.8m - 9.2m

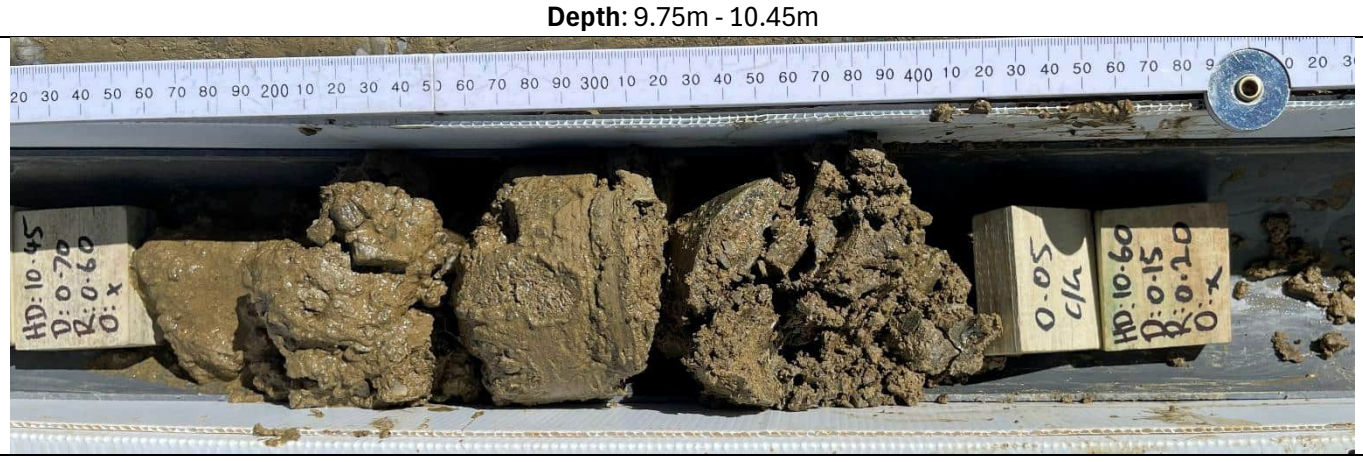
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



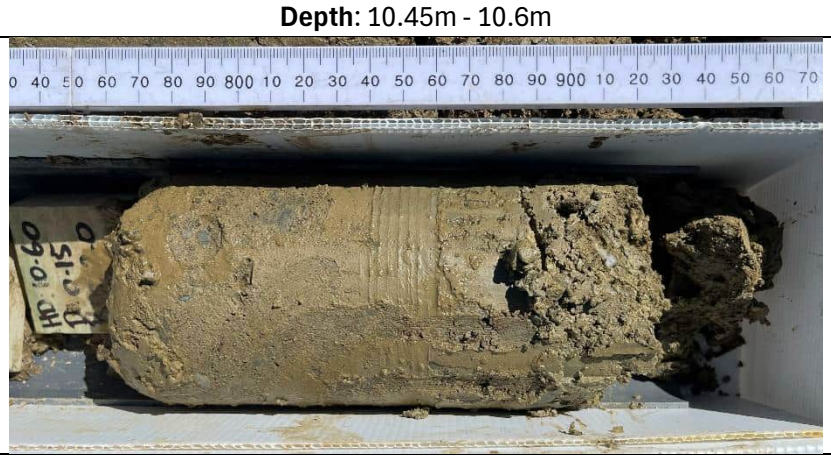
Depth: 9.2m - 9.75m



Depth: 9.75m - 10.45m



Depth: 10.45m - 10.6m



Depth: 10.6m - 10.8m



Depth: 10.8m - 11.6m



Depth: 11.6m - 11.7m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				

Core Loss

Depth: 11.7m - 12.05m



Depth: 12.05m - 12.15m

Core Loss

Depth: 12.15m - 12.55m



Depth: 12.55m - 12.75m



Depth: 12.75m - 13.05m

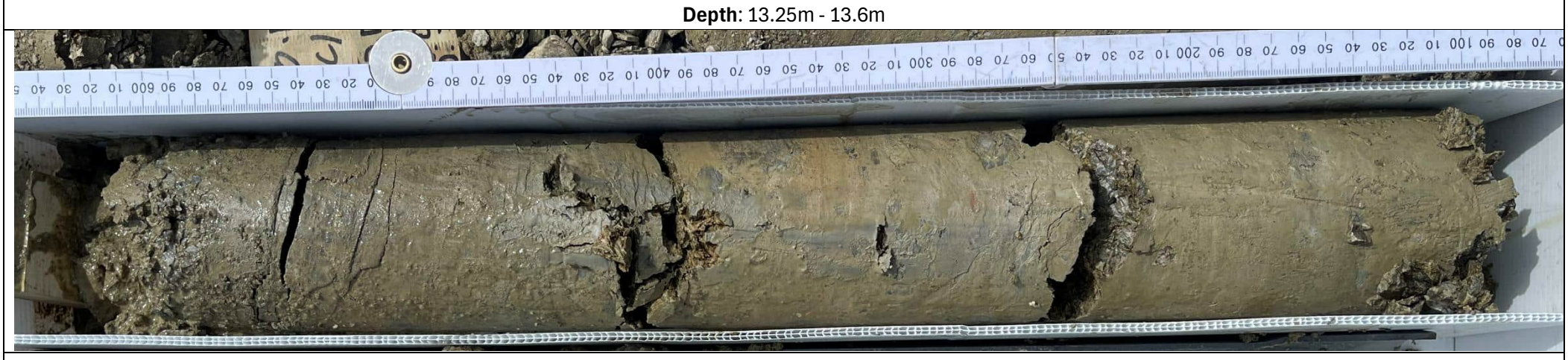


Depth: 13.05m - 13.25m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 13.25m - 13.6m



Depth: 13.6m - 14.4m



Depth: 14.4m - 15.2m



Depth: 15.2m - 15.8m

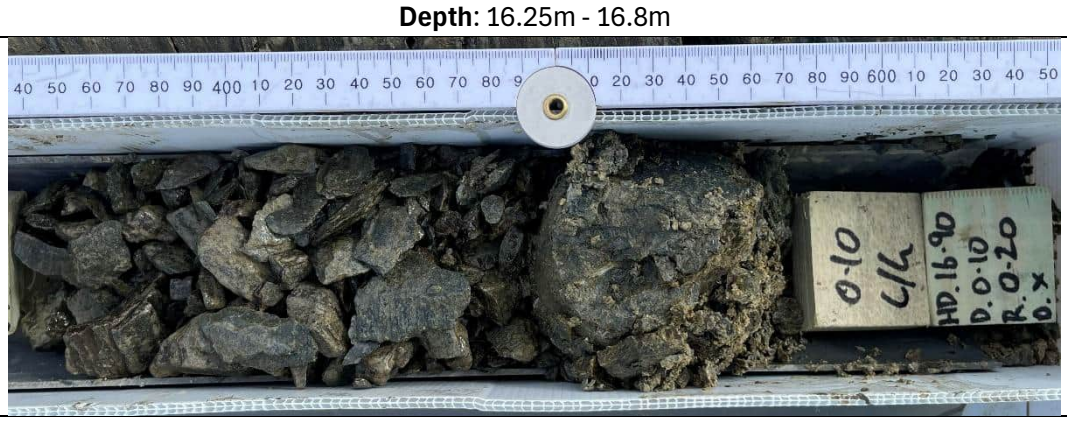


Depth: 15.8m - 16.25m

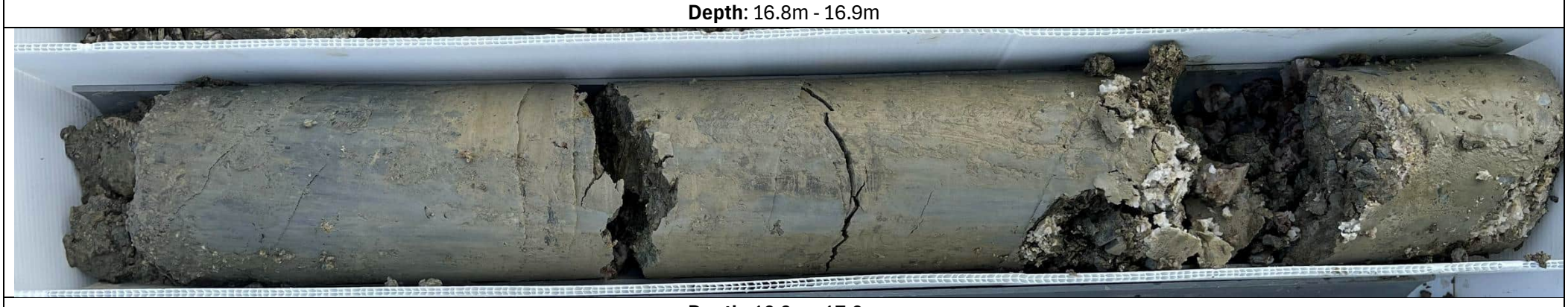
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD491		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



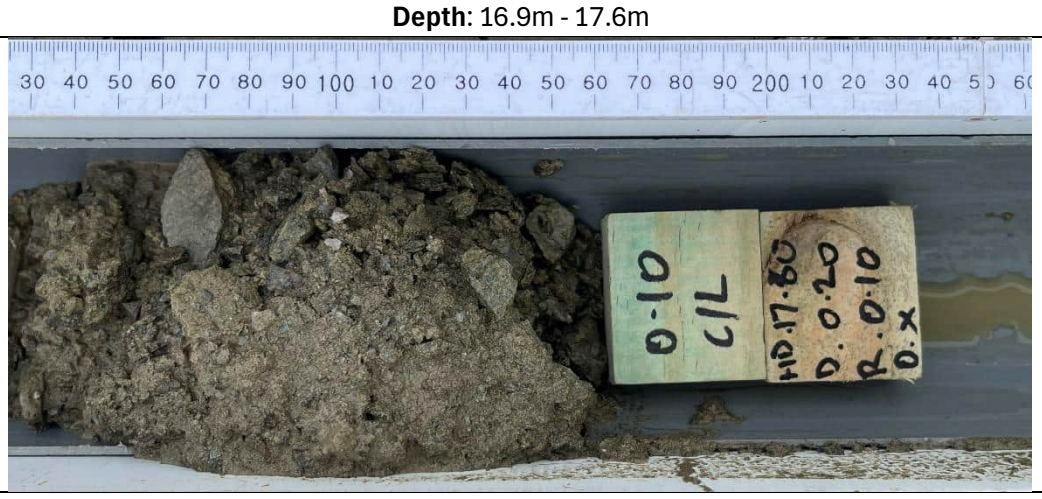
Depth: 16.25m - 16.8m



Depth: 16.8m - 16.9m



Depth: 16.9m - 17.6m



Depth: 17.6m - 17.8m



Depth: 17.8m - 18.45m

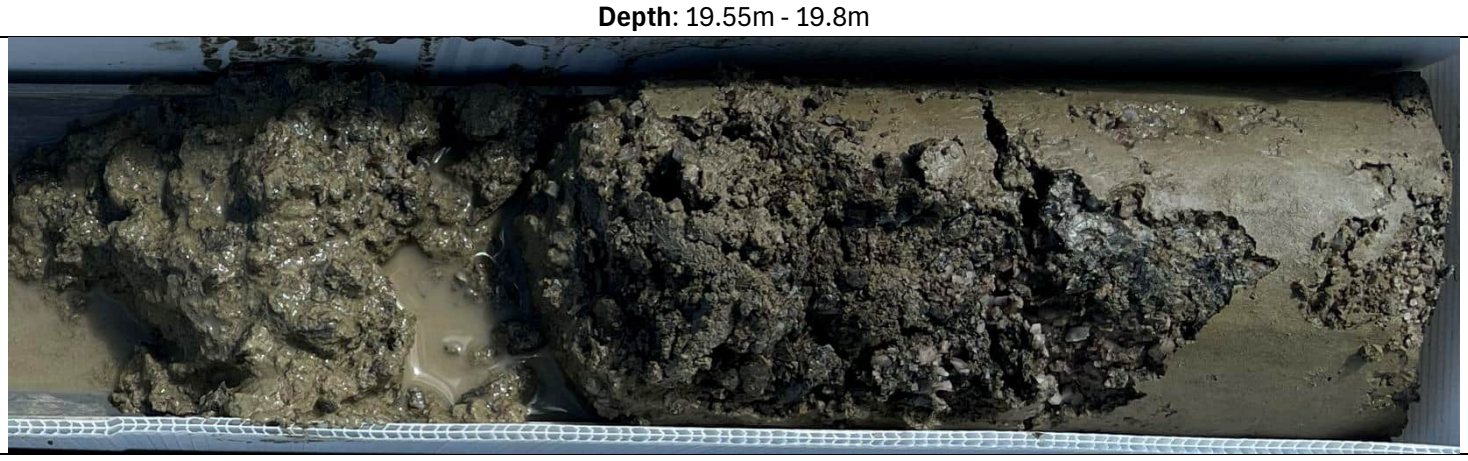


Depth: 18.45m - 19.55m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



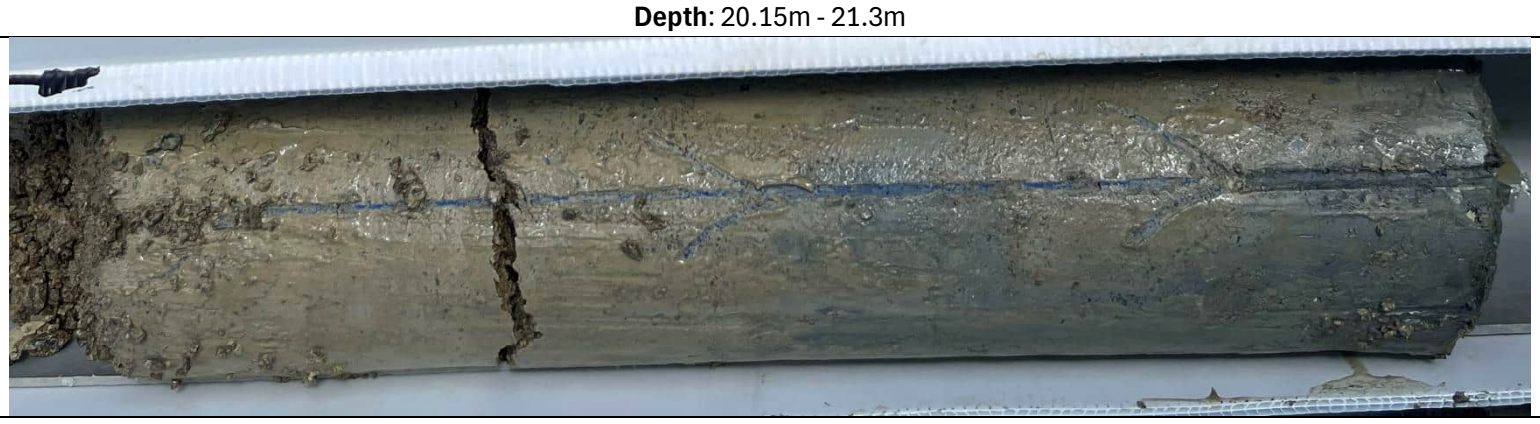
Depth: 19.55m - 19.8m



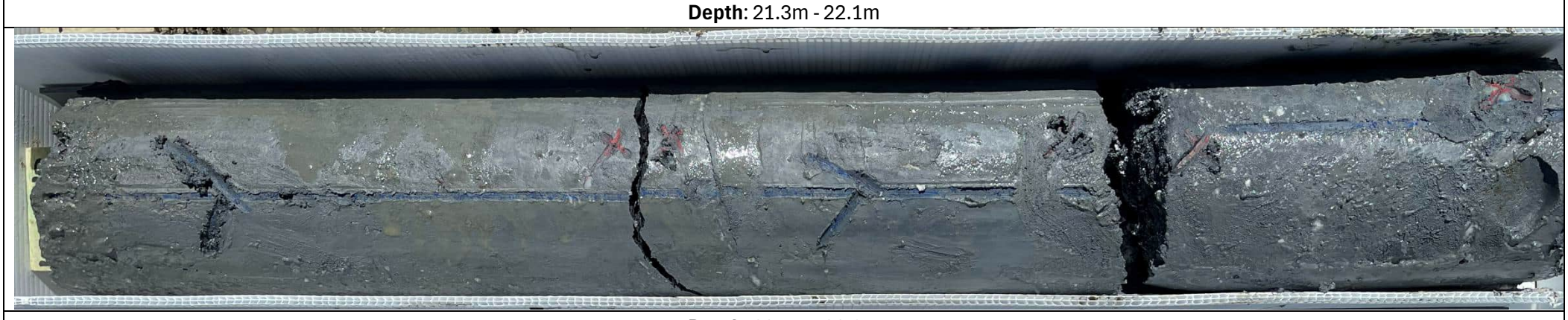
Depth: 19.8m - 20.15m



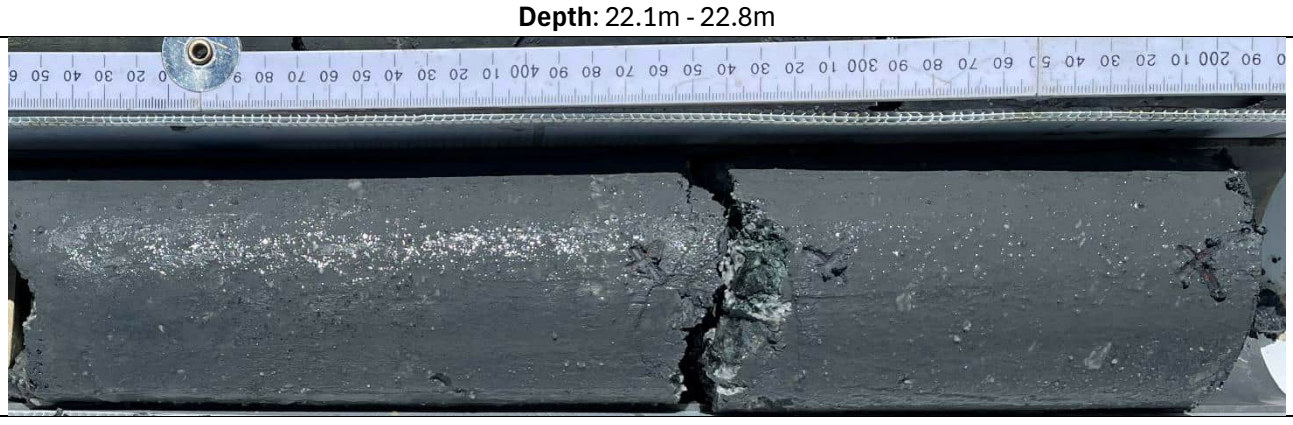
Depth: 20.15m - 21.3m



Depth: 21.3m - 22.1m



Depth: 22.1m - 22.8m

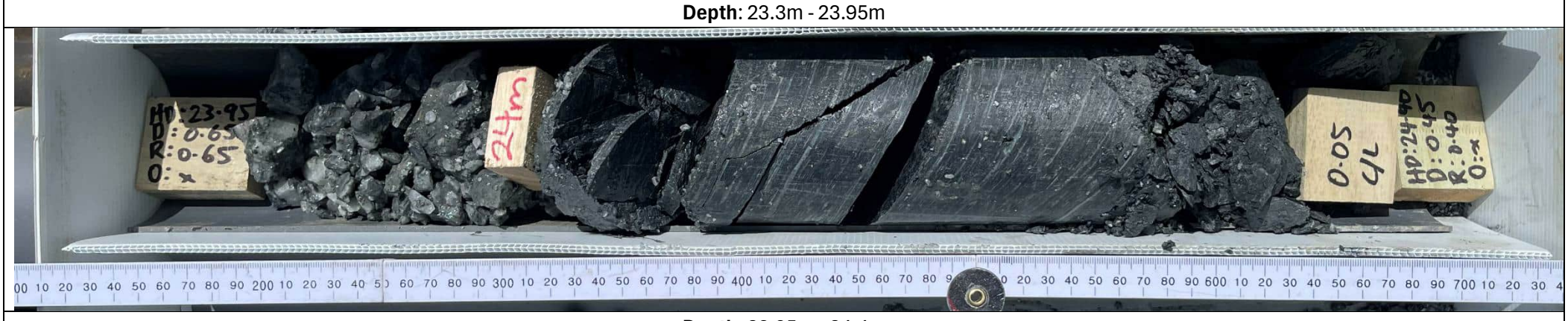


Depth: 22.8m - 23.3m

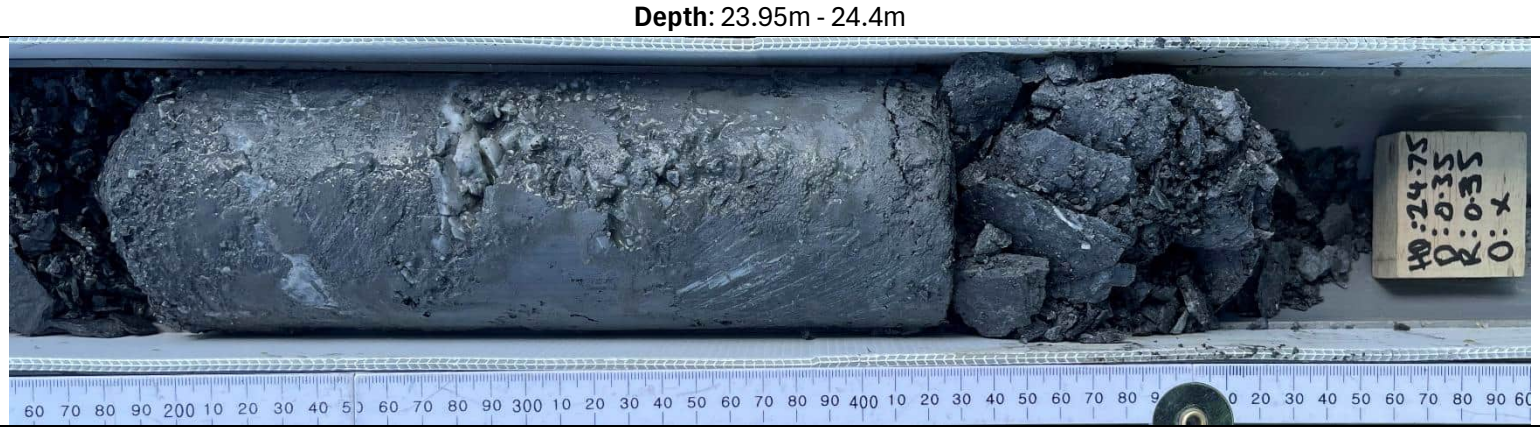
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



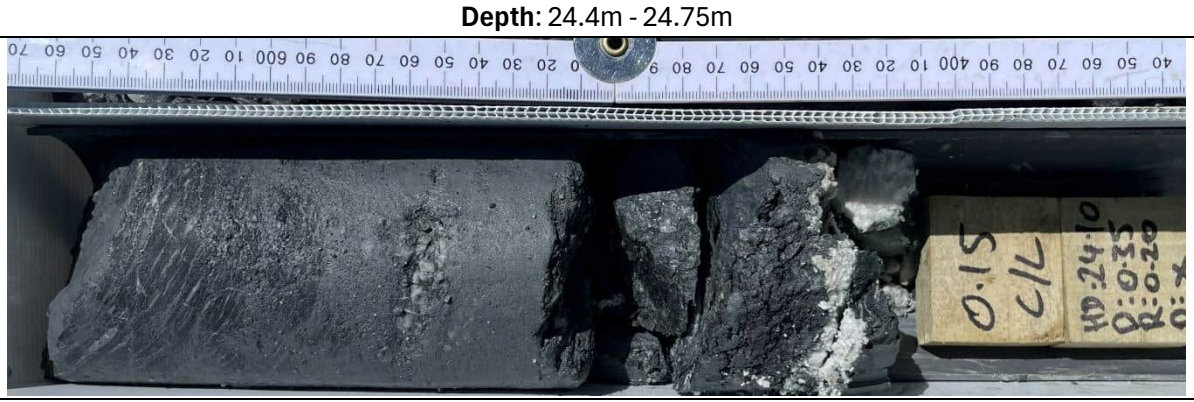
Depth: 23.3m - 23.95m



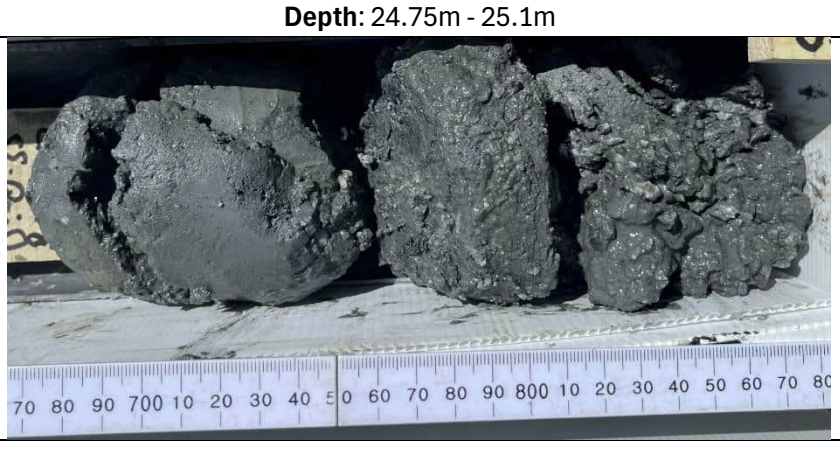
Depth: 23.95m - 24.4m



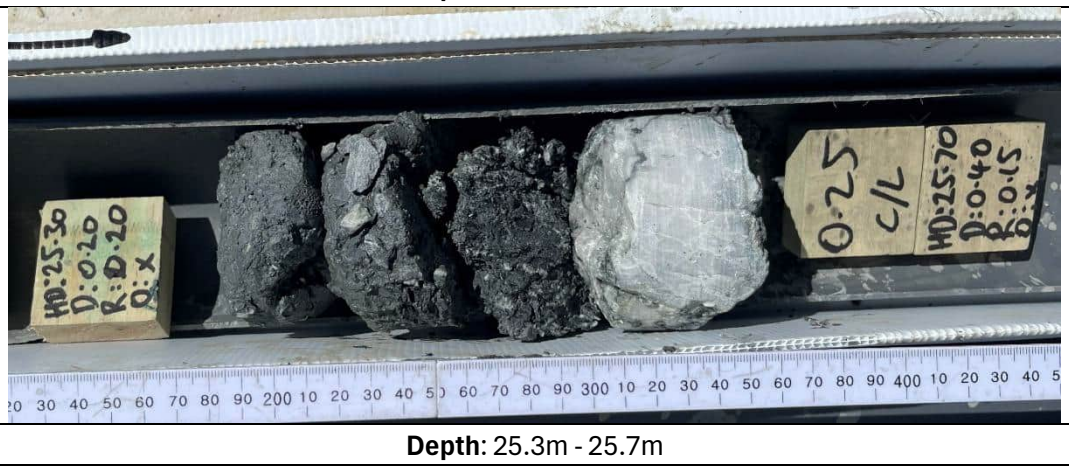
Depth: 24.4m - 24.75m



Depth: 24.75m - 25.1m



Depth: 25.1m - 25.3m



Depth: 25.3m - 25.7m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



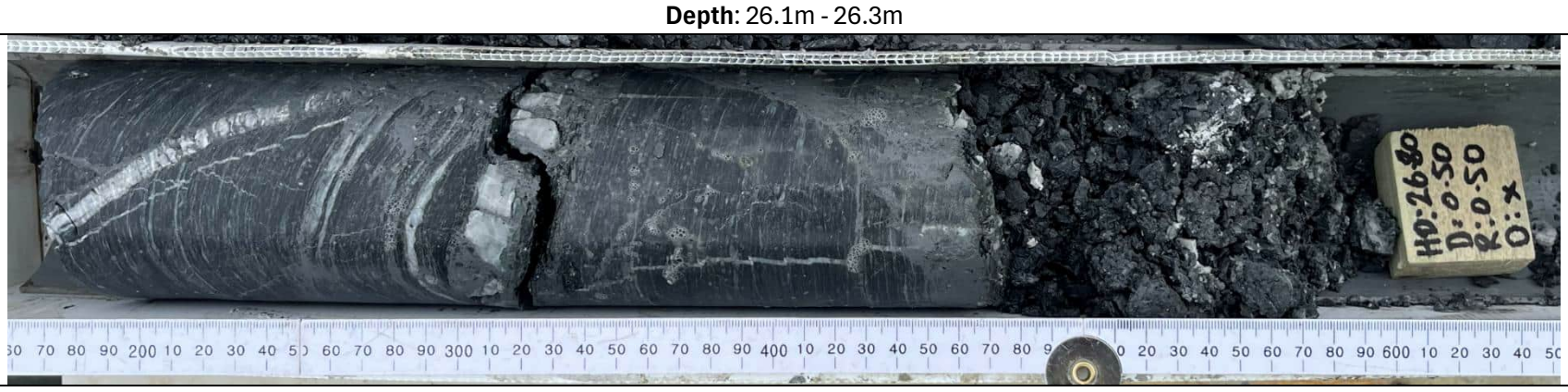
Depth: 25.7m - 25.8m



Depth: 25.9m - 26.1m



Depth: 26.1m - 26.3m



Depth: 26.3m - 26.8m



Depth: 26.8m - 27.45m

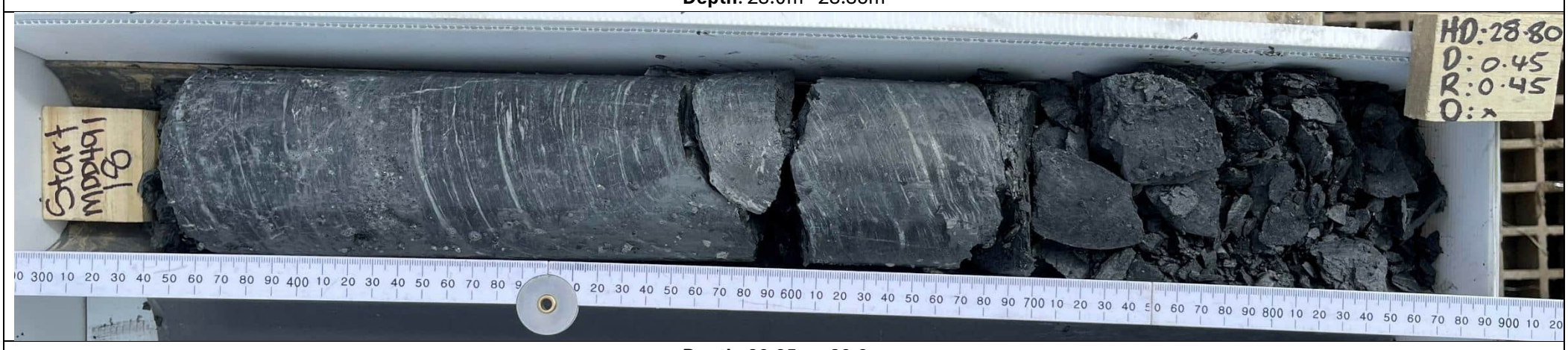
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



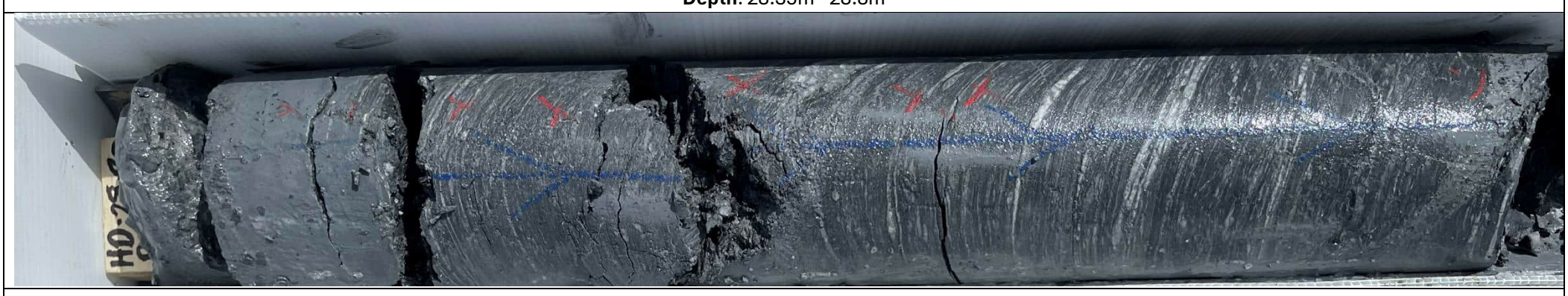
Depth: 27.45m – 28.0m



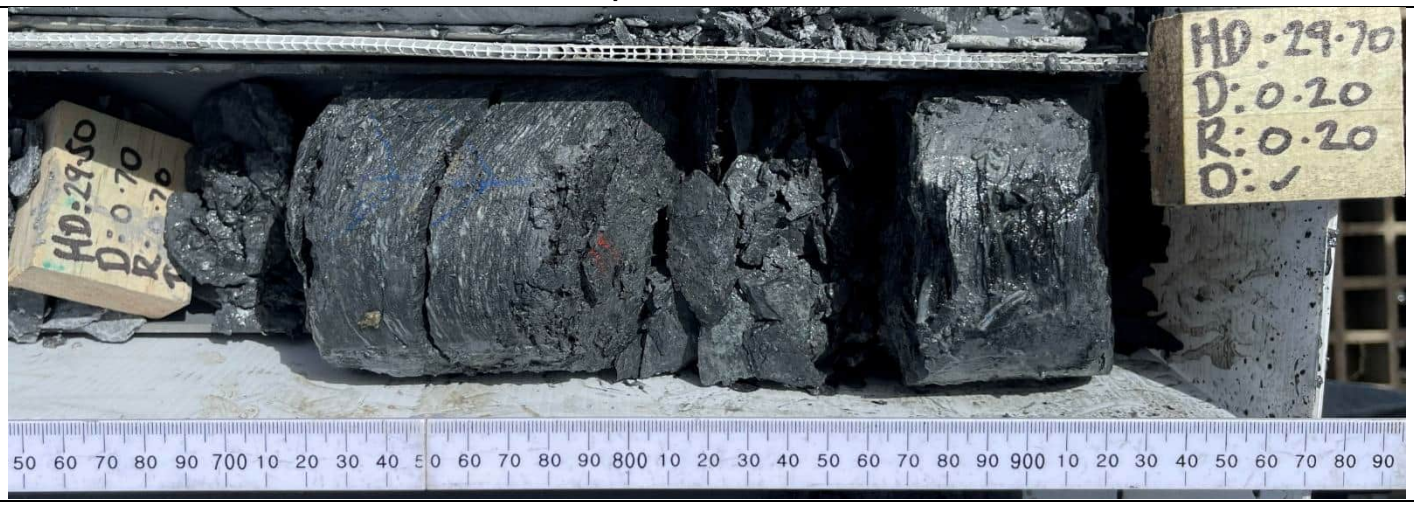
Depth: 28.0m - 28.35m



Depth: 28.35m - 28.8m



Depth: 28.8m - 29.5m

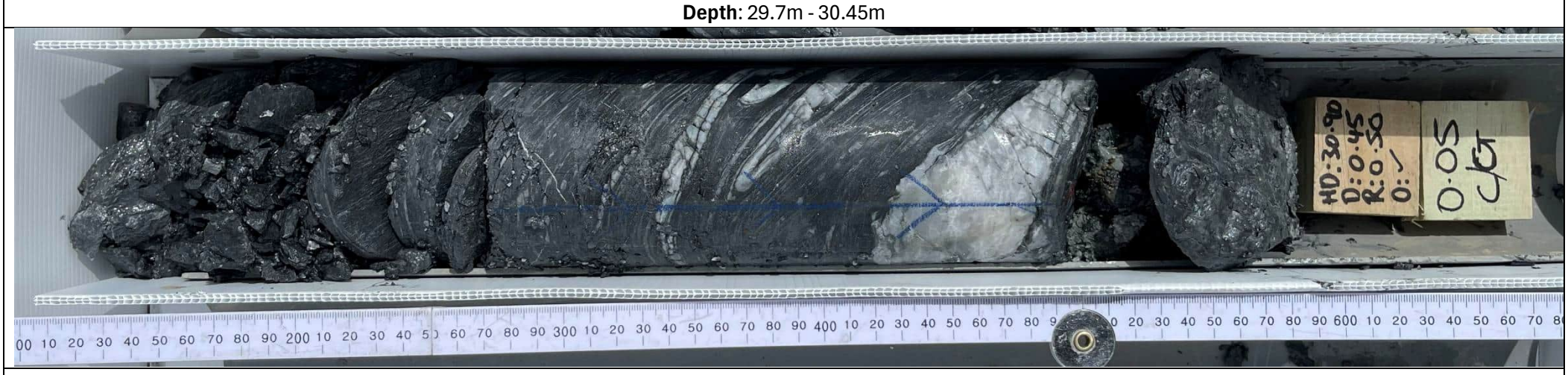


Depth: 29.5m - 29.7m

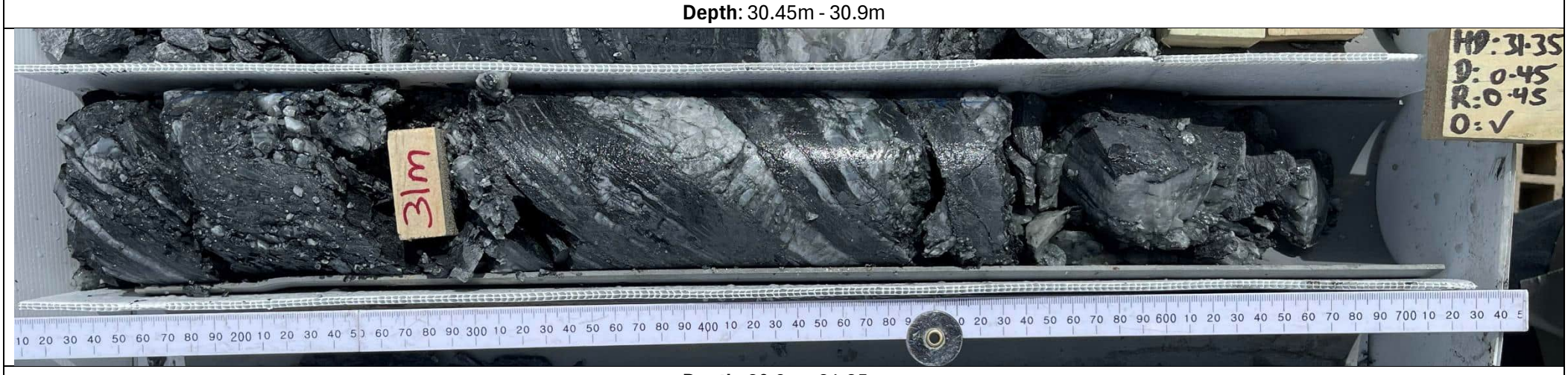
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 29.7m - 30.45m



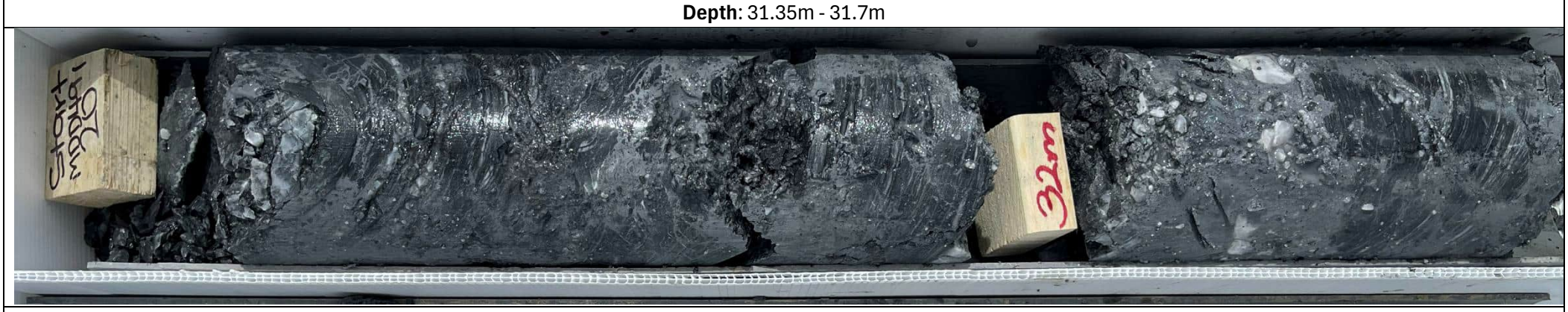
Depth: 30.45m - 30.9m



Depth: 30.9m - 31.35m



Depth: 31.35m - 31.7m

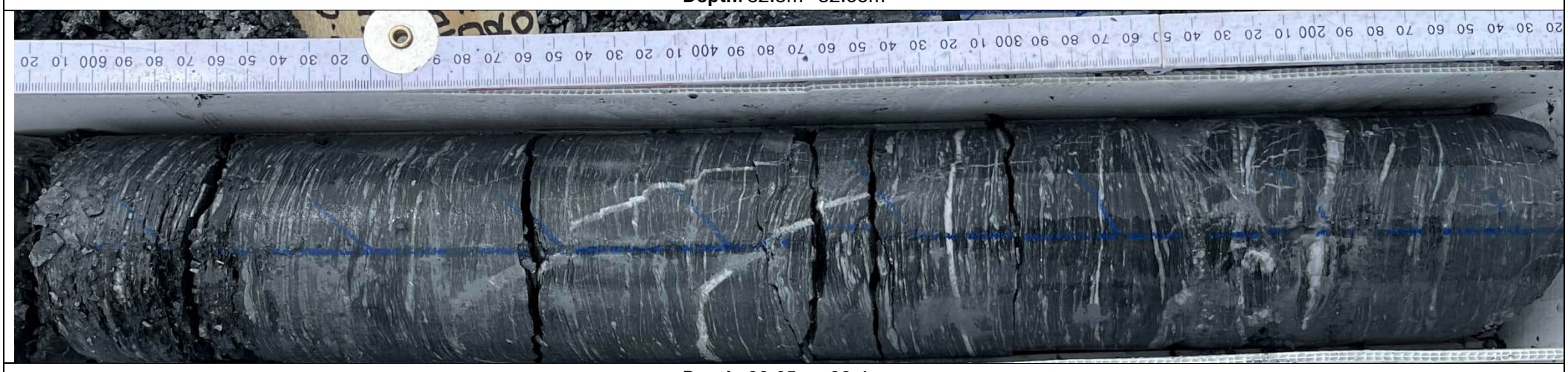


Depth: 31.7m - 32.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 32.3m - 32.65m



Depth: 32.65m - 33.4m



Depth: 33.4m - 33.6m



Depth: 33.6m - 33.75m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
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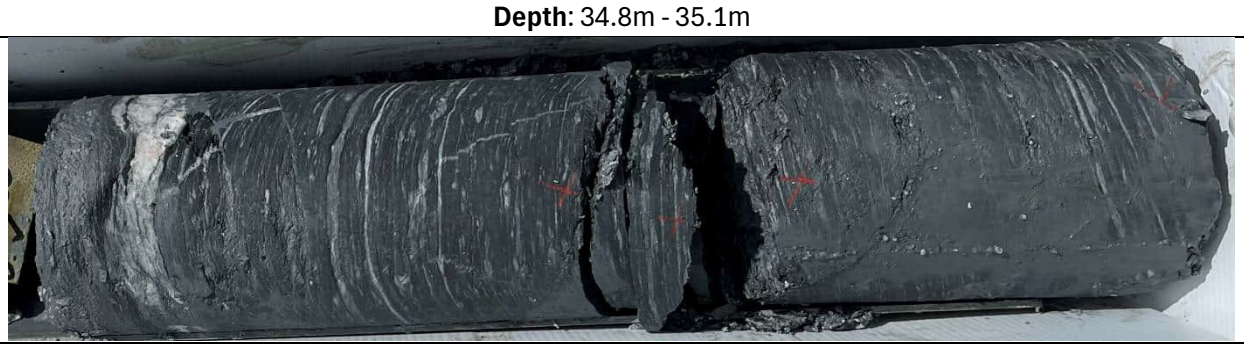
Depth: 33.75m - 34.1m



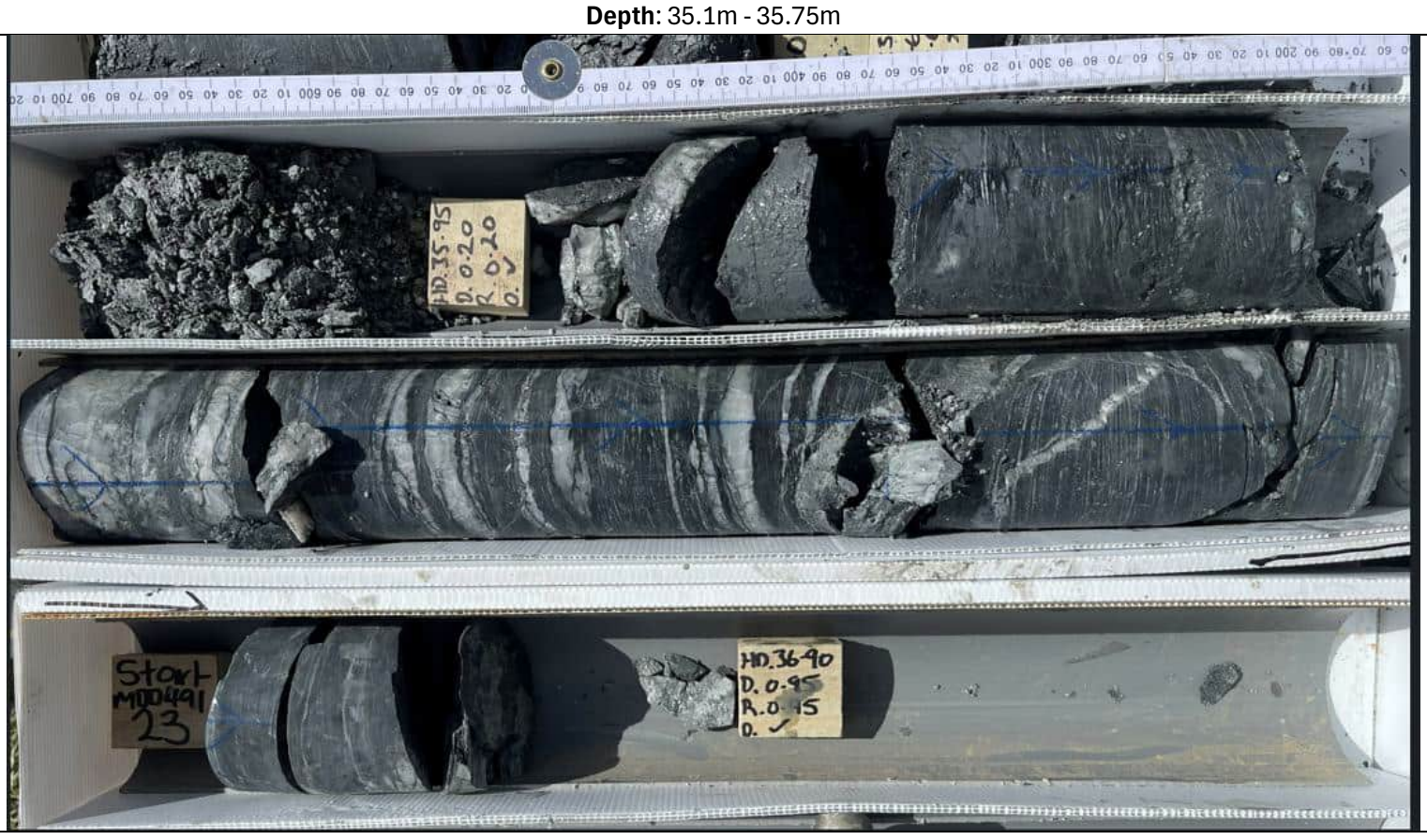
Depth: 34.1m - 34.8m



Depth: 34.8m - 35.1m



Depth: 35.1m - 35.75m



Depth: 35.95m – 36.9m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 37.4m – 37.5m



Depth: 37.5m – 37.8m



Depth: 37.8m – 38.2m



Depth: 38.2m – 39.6m (1)

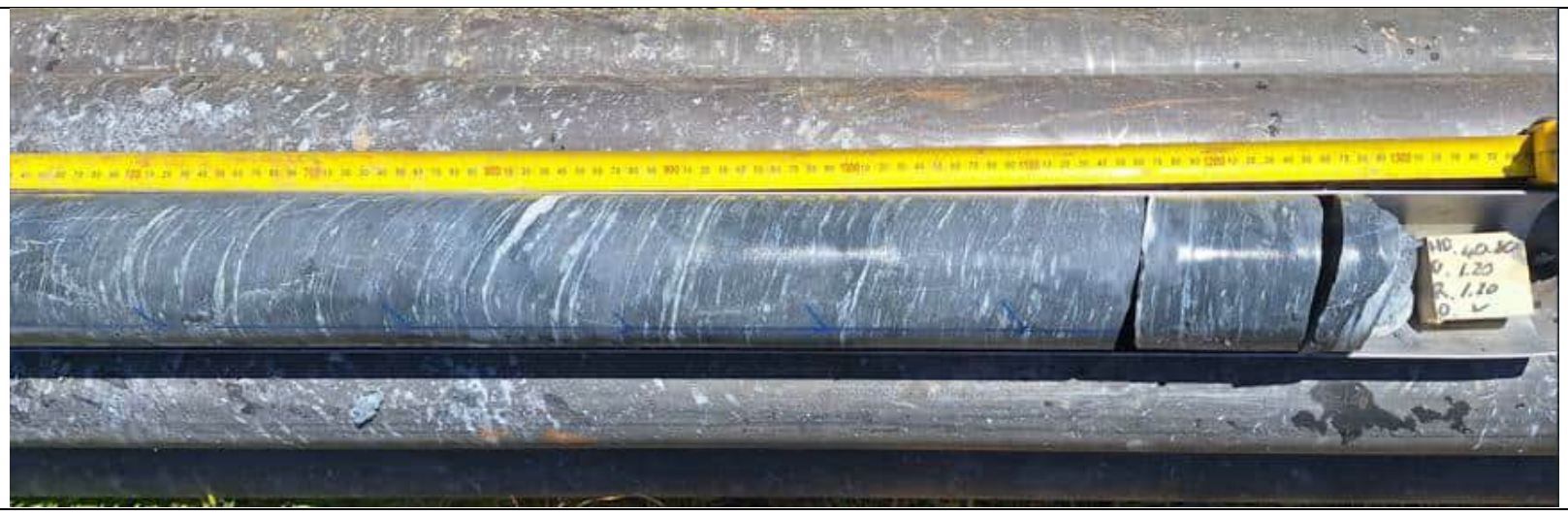
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD491		
		Photograph By:	MGL	Date:	Mar 2026
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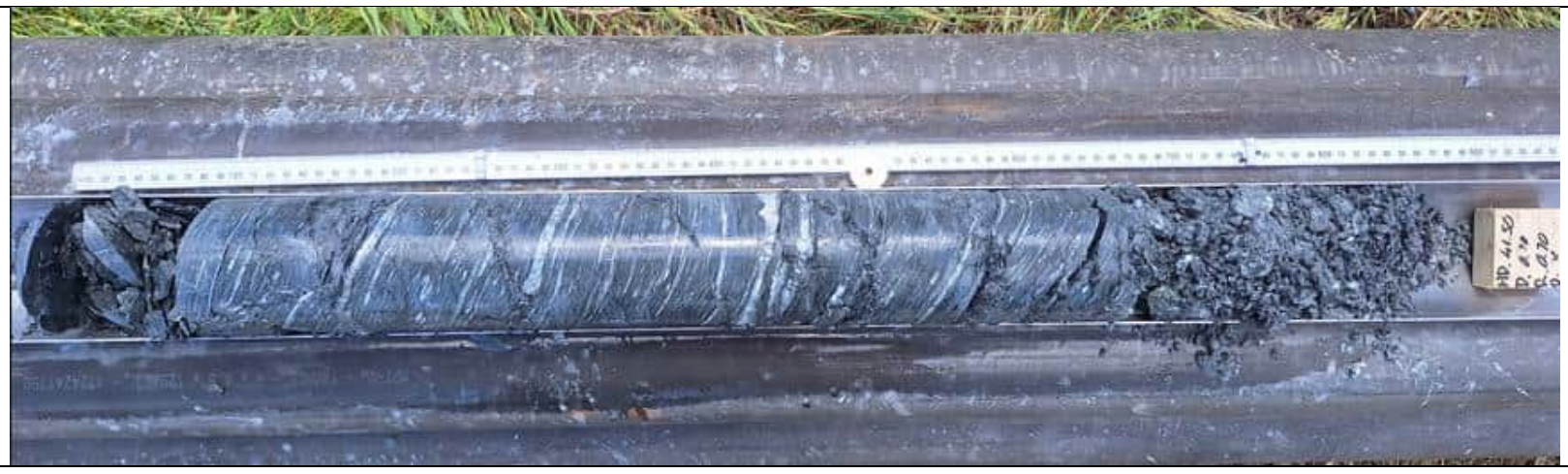
Depth: 38.2m – 39.6m (2)



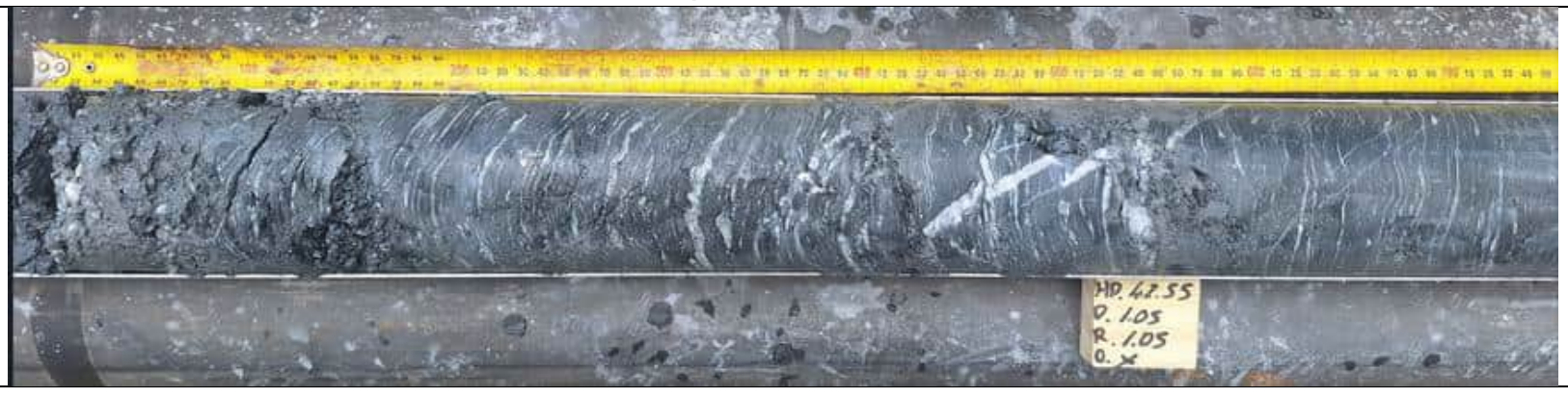
Depth: 39.6m – 40.8m (1)



Depth: 39.6m – 40.8m (2)

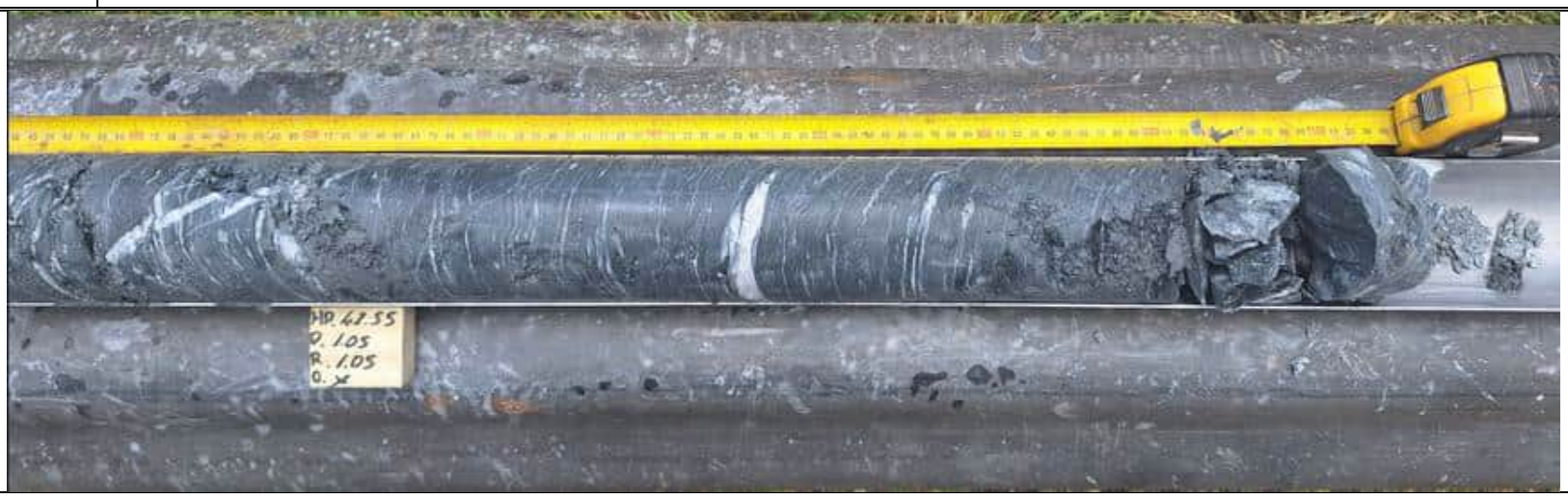


Depth: 40.8m – 41.5m



Depth: 41.5m – 42.55m (1)

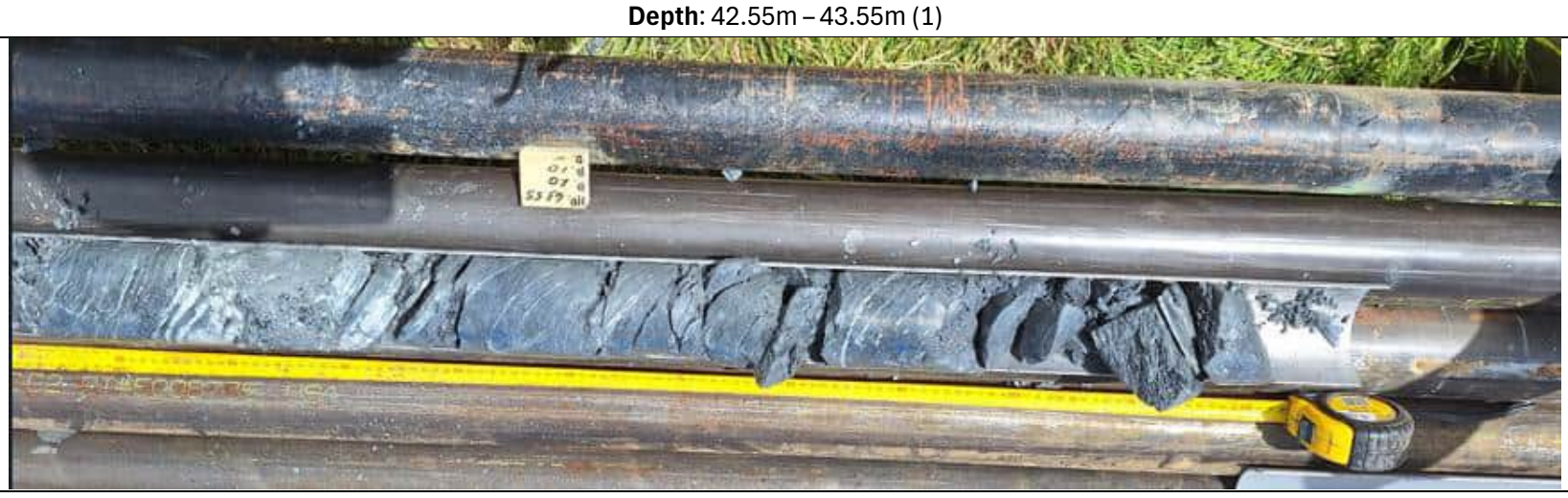
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 41.5m – 42.55m (2)



Depth: 42.55m – 43.55m (1)



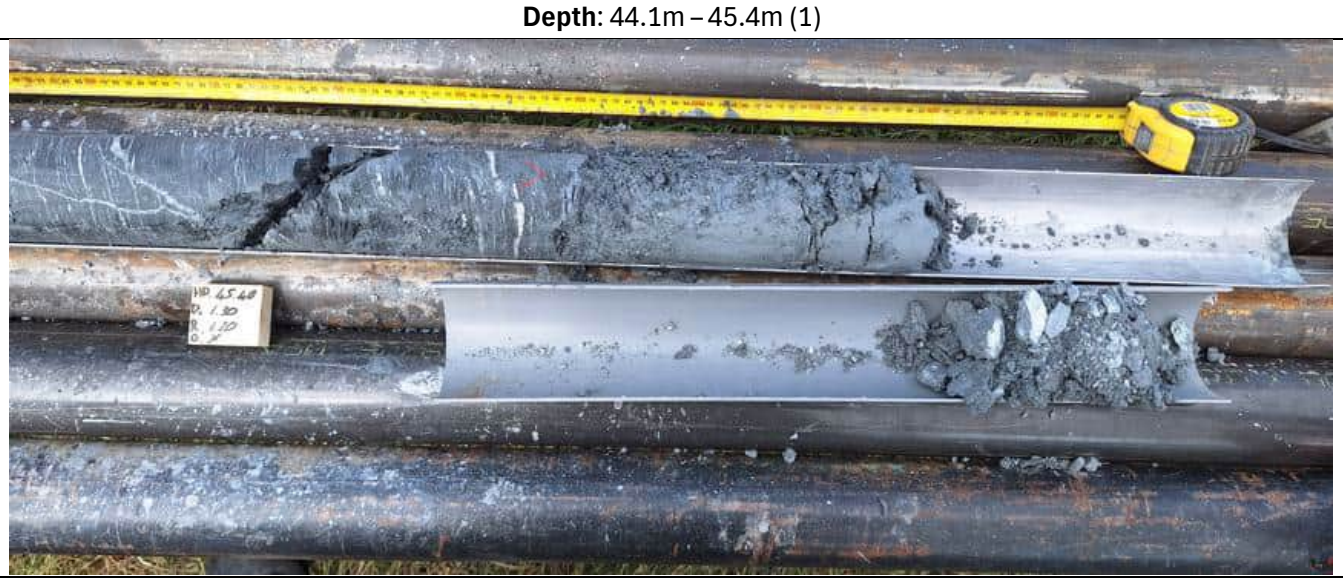
Depth: 42.55m – 43.55m (2)

Depth: 43.55m – 44.1m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 44.1m – 45.4m (1)



Depth: 44.1m – 45.4m

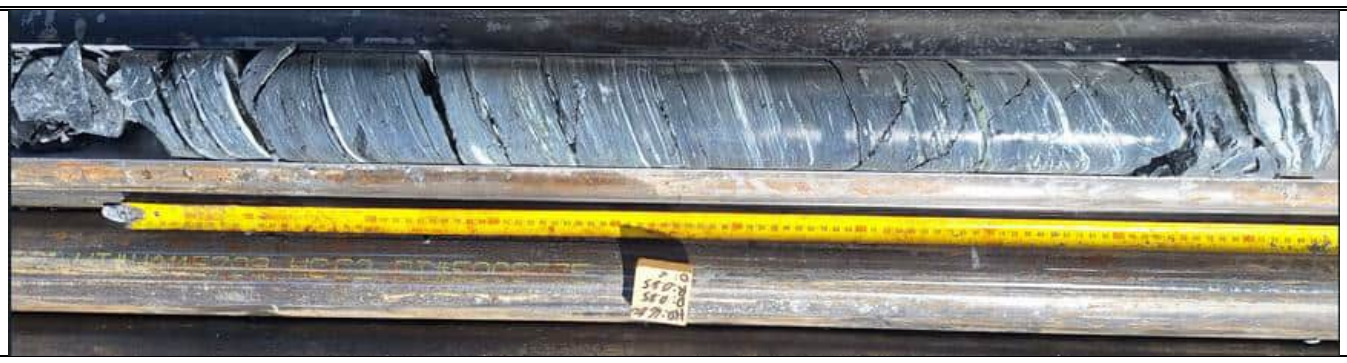


Depth: 45.4m – 45.7m



Depth: 45.7m – 45.95m

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		Photograph By:	MGL	**Date:**	Mar 2026
Title:	**MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN**				



Depth: 45.95m – 46.8m



Depth: 46.8m – 47.85m (1)



Depth: 46.8m – 47.85m (2)

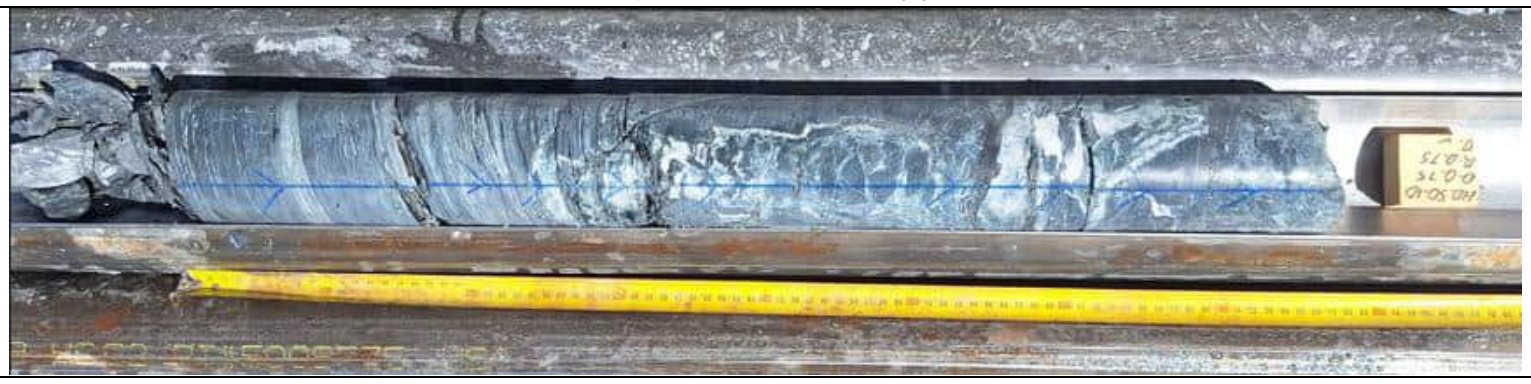


Depth: 47.85m – 49.35m (1)

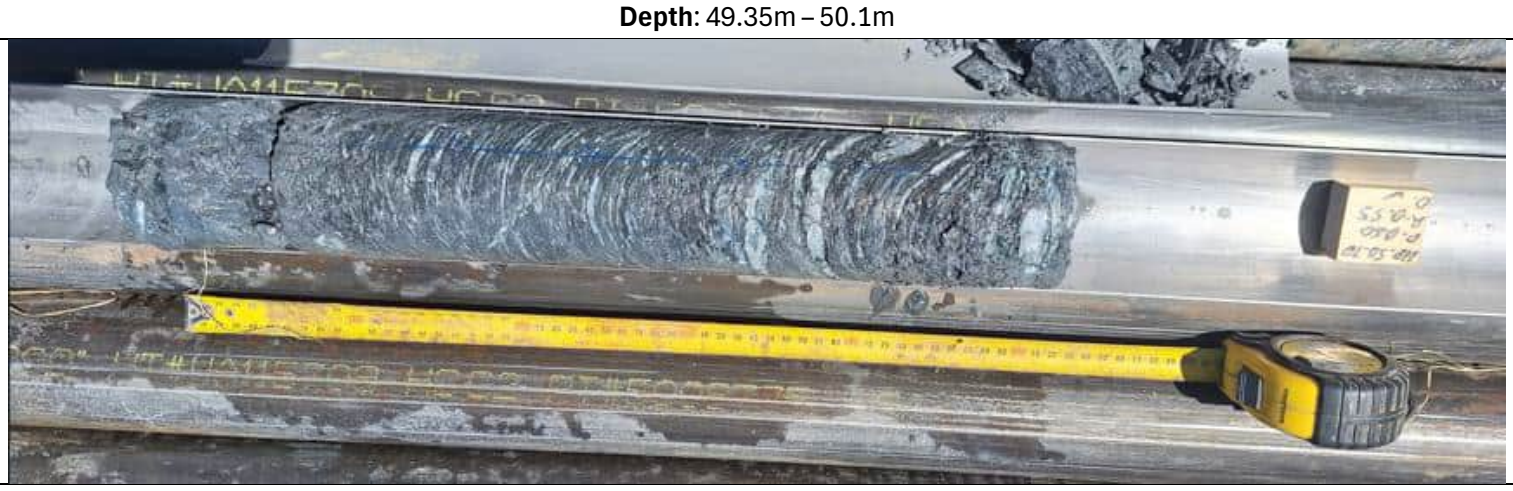
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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



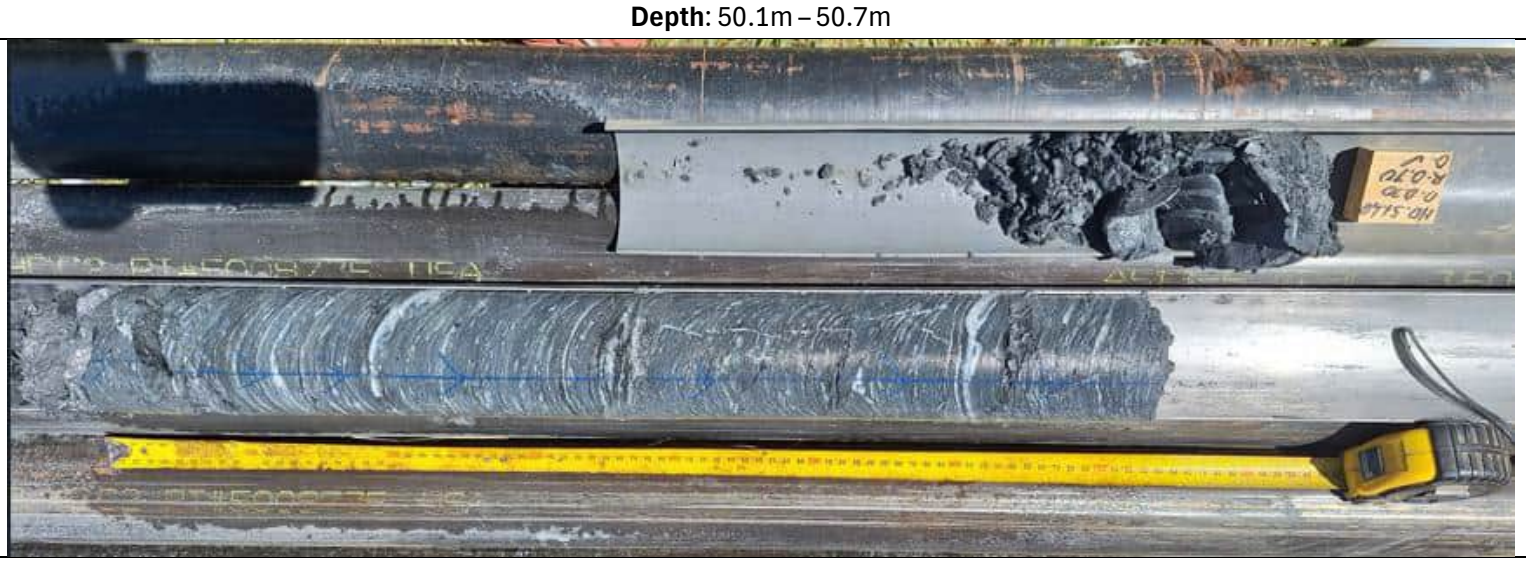
Depth: 47.85m – 49.35m (2)



Depth: 49.35m – 50.1m



Depth: 50.1m – 50.7m

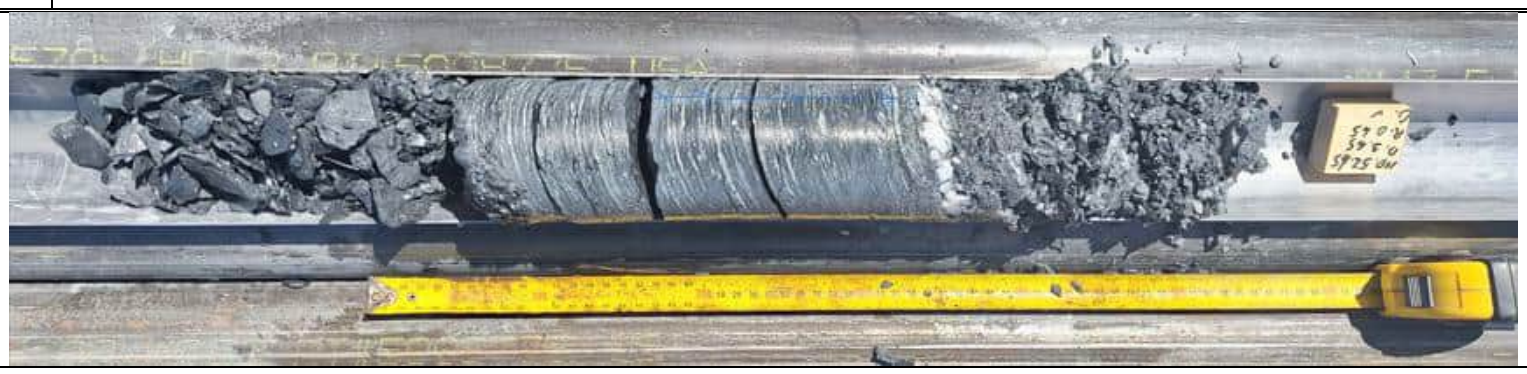


Depth: 50.7m – 51.4m



Depth: 51.4m – 52.05m

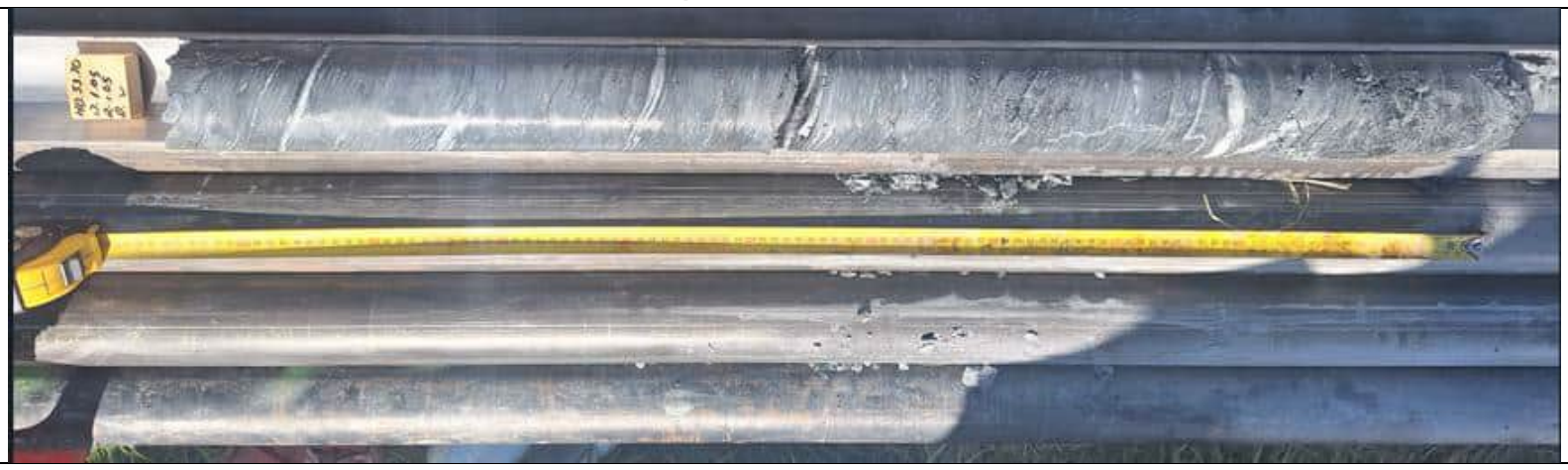
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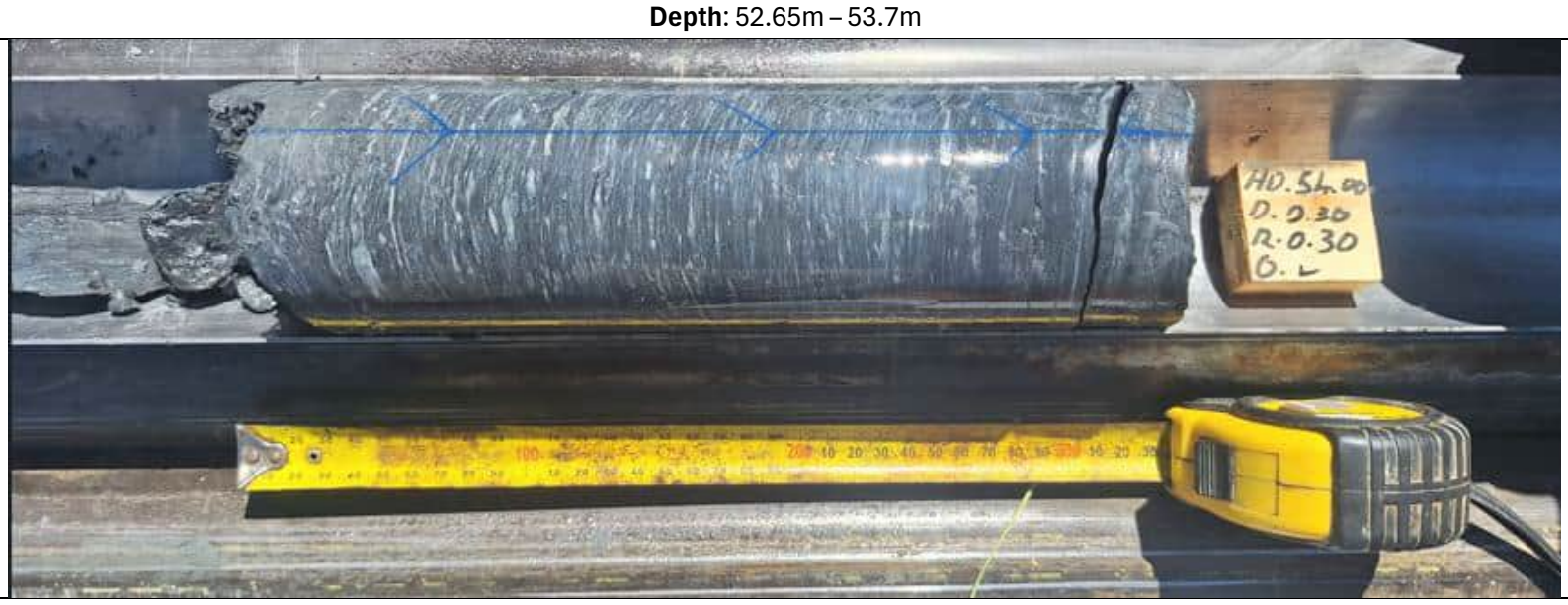
Depth: 52.2m – 52.65m



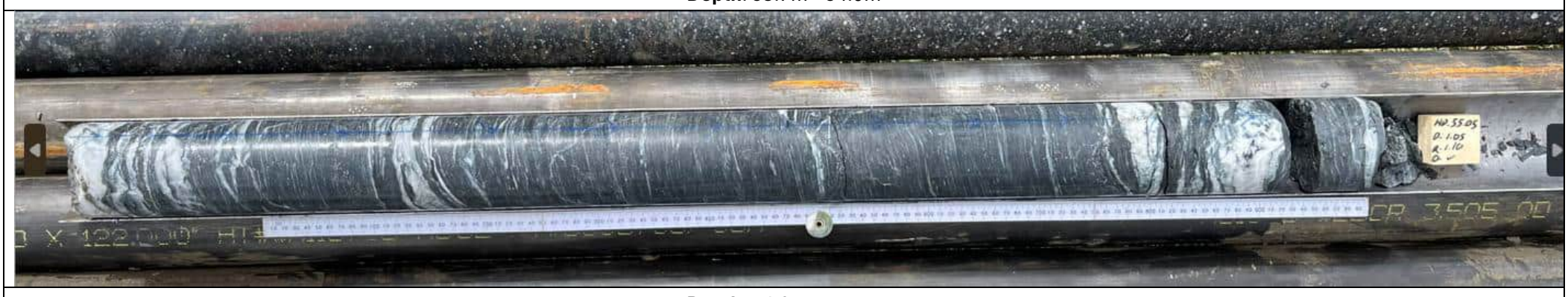
Depth: 52.05m – 52.2m



Depth: 52.65m – 53.7m



Depth: 53.7m – 54.0m



Depth: 54.0m – 55.1m

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Depth: 55.1m – 55.8m



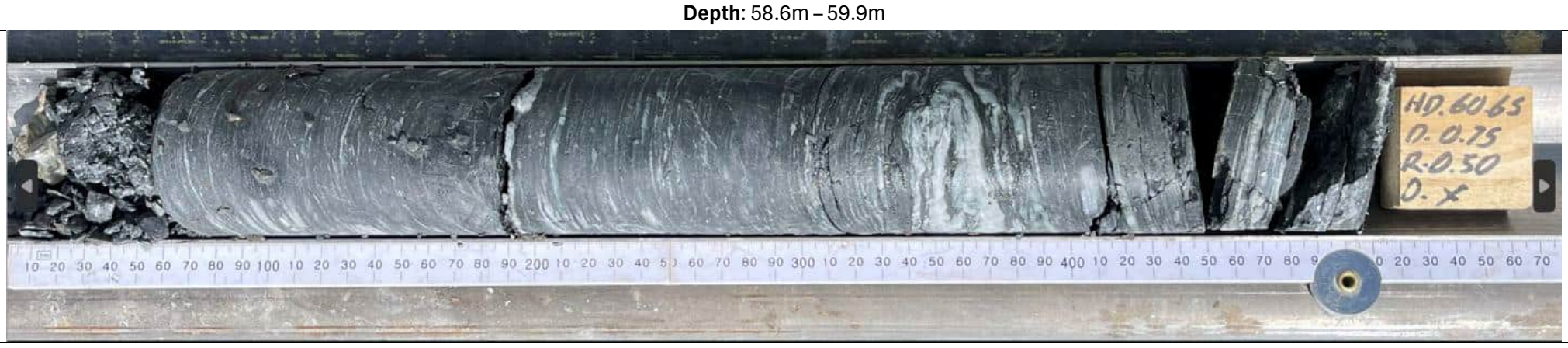
Depth: 55.8m – 57.1m



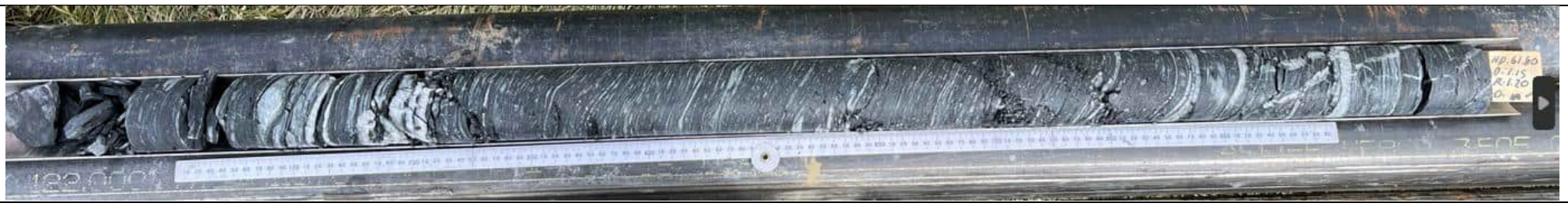
Depth: 57.1m – 58.6m



Depth: 58.6m – 59.9m



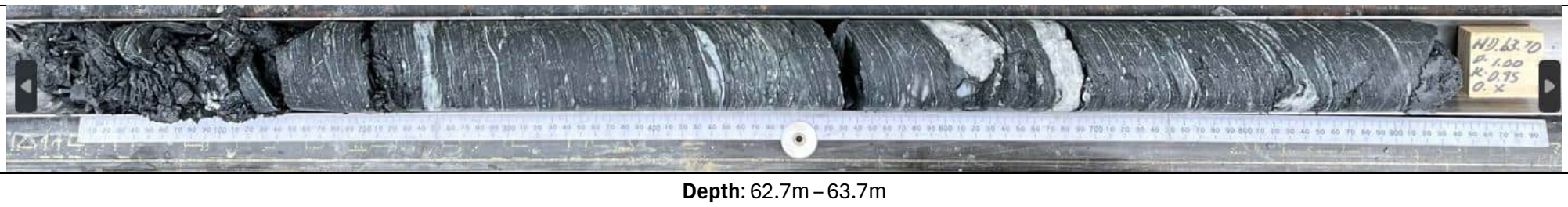
Depth: 59.9m – 60.65m



Depth: 60.65m – 61.8m



Depth: 61.8m – 62.7m



Depth: 62.7m – 63.7m

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Depth: 64.8m – 64.45m



Depth: 64.45m – 65.7m



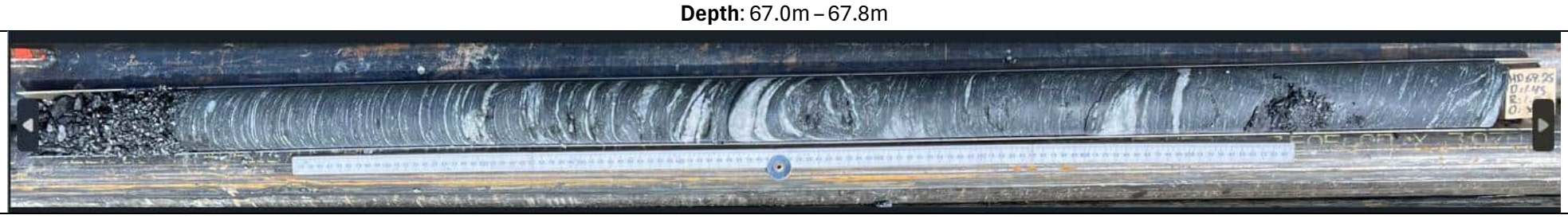
Depth: 66.15m – 66.75m



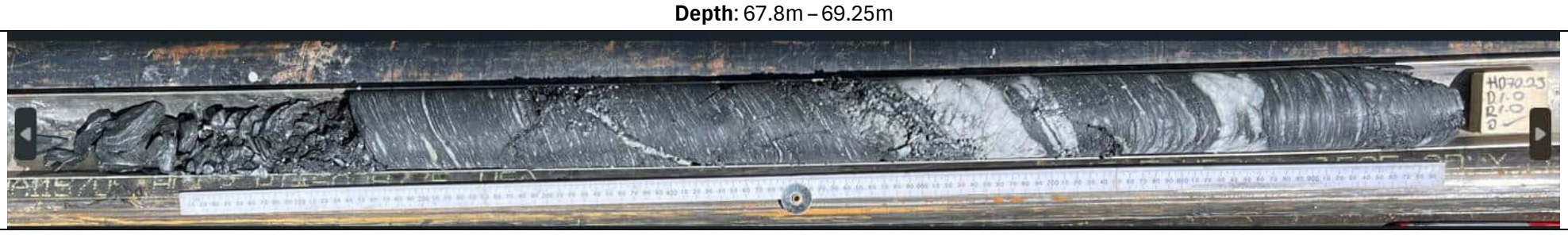
Depth: 66.75m – 67.0m



Depth: 67.0m – 67.8m



Depth: 67.8m – 69.25m



Depth: 69.25m – 70.25m

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		Photograph By:	MGL	Date:	Mar 2026
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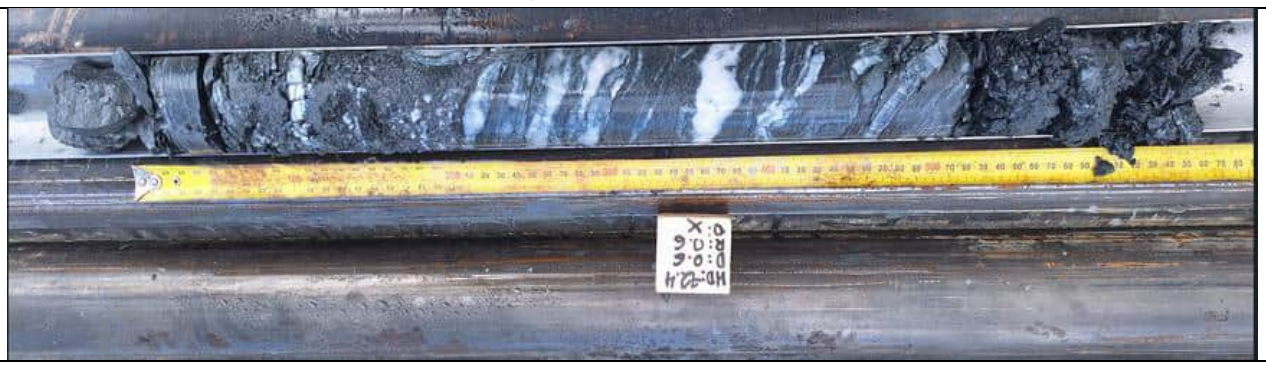
Depth: 70.25m – 71.8m



Depth: 70.25m – 71.8m



Depth: 70.25m – 71.8m



Depth: 71.8m – 72.4m

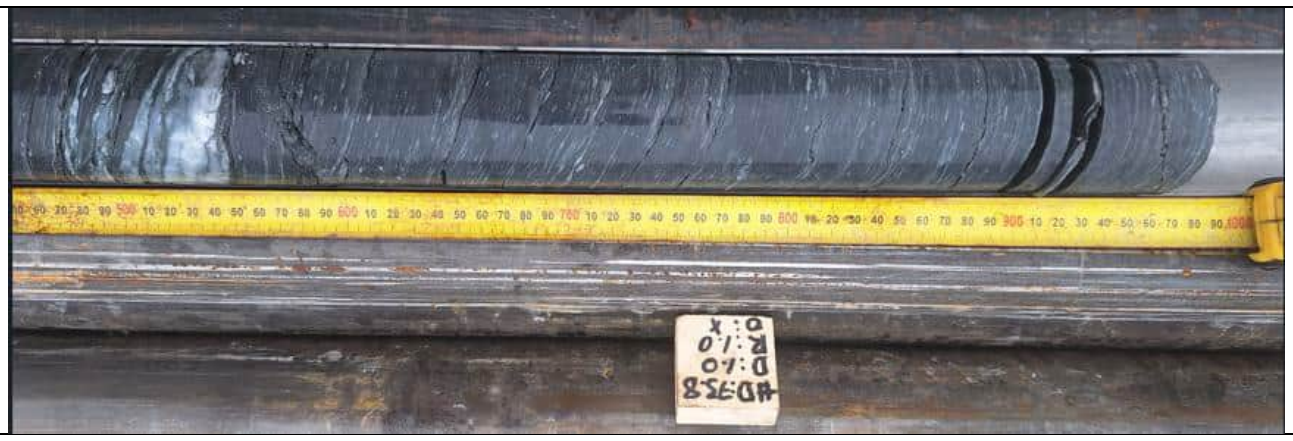


Depth: 72.4m – 72.8m

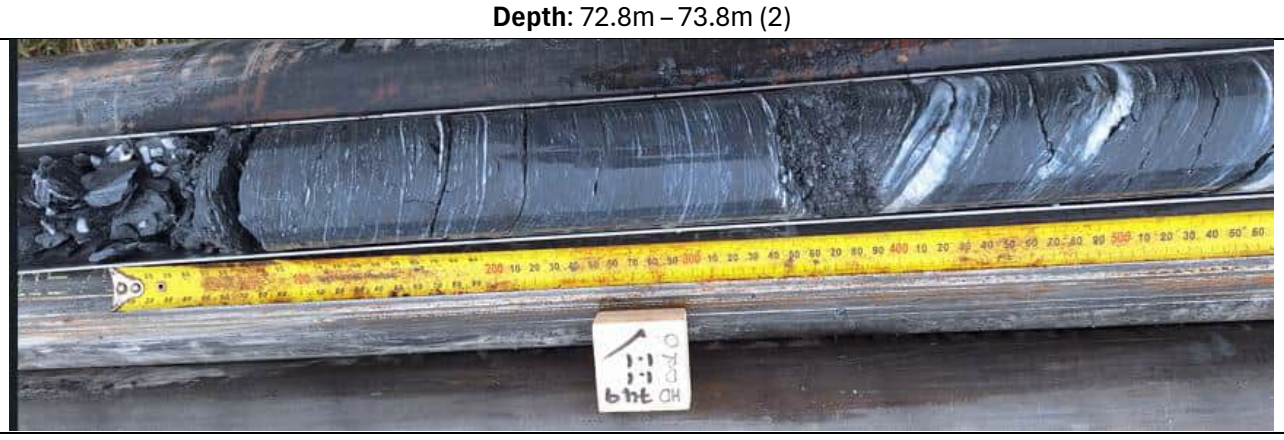
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		Photograph By:	MGL	Date:	Mar 2026
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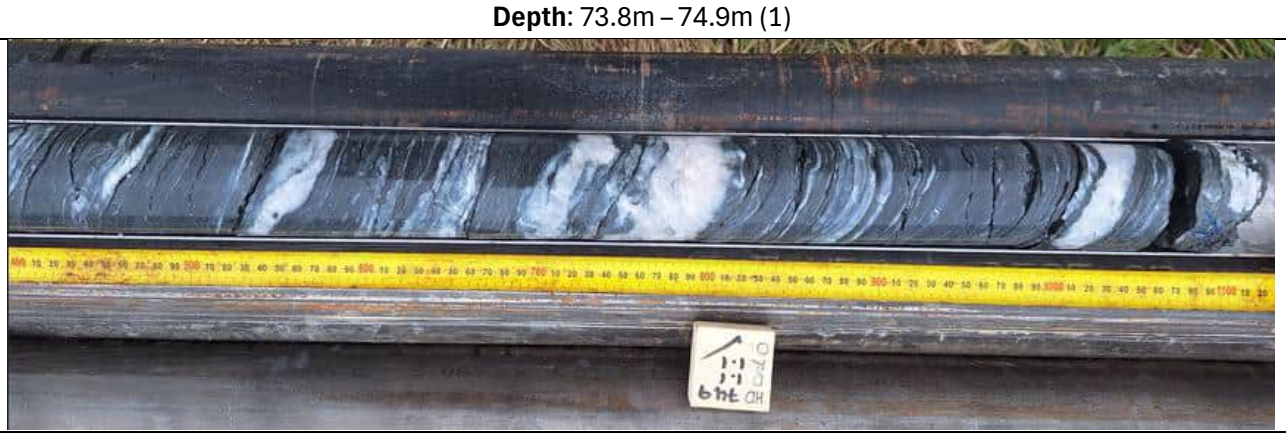
Depth: 72.8m – 73.8m (1)



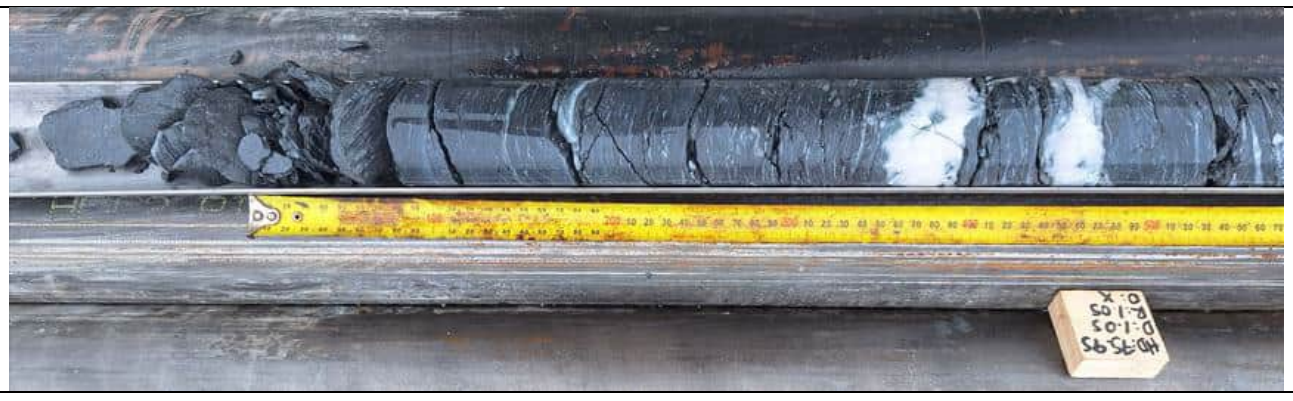
Depth: 72.8m – 73.8m (2)



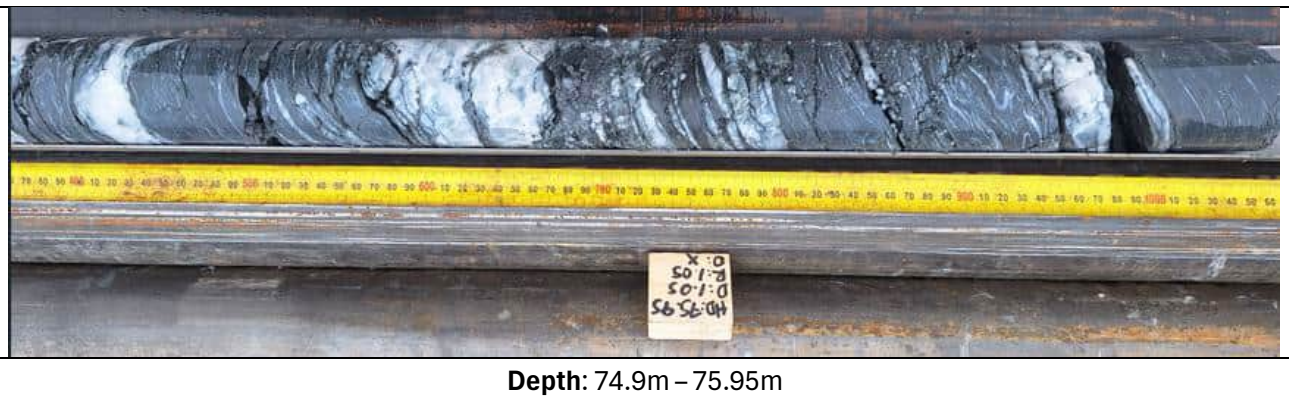
Depth: 73.8m – 74.9m (1)



Depth: 73.8m – 74.9m (2)



Depth: 74.9m – 75.95m



Depth: 74.9m – 75.95m

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		Photograph By:	MGL	Date:	Mar 2026
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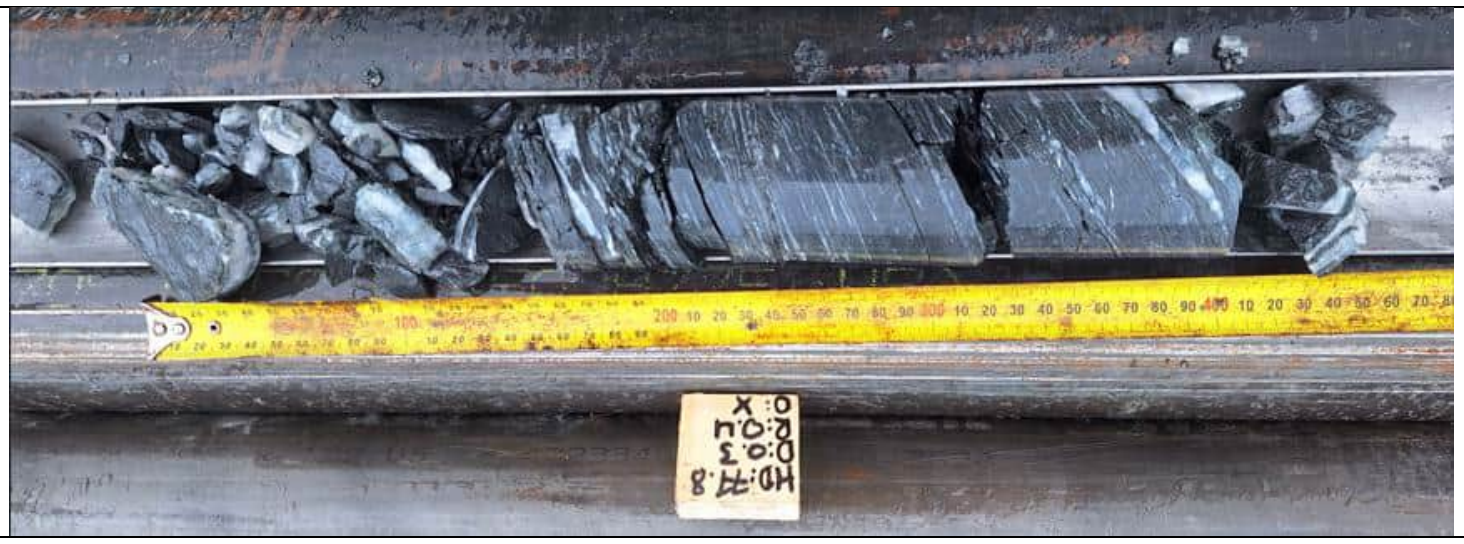
Depth: 75.95m – 76.4m



Depth: 76.4m – 77.3m (1)



Depth: 76.4m – 77.3m (2)



Depth: 77.5m – 77.8m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 77.8m – 77.95m



Depth: 77.95m – 78.85m (1)



Depth: 77.95m – 78.85m



Depth: 78.85m – 79.35m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



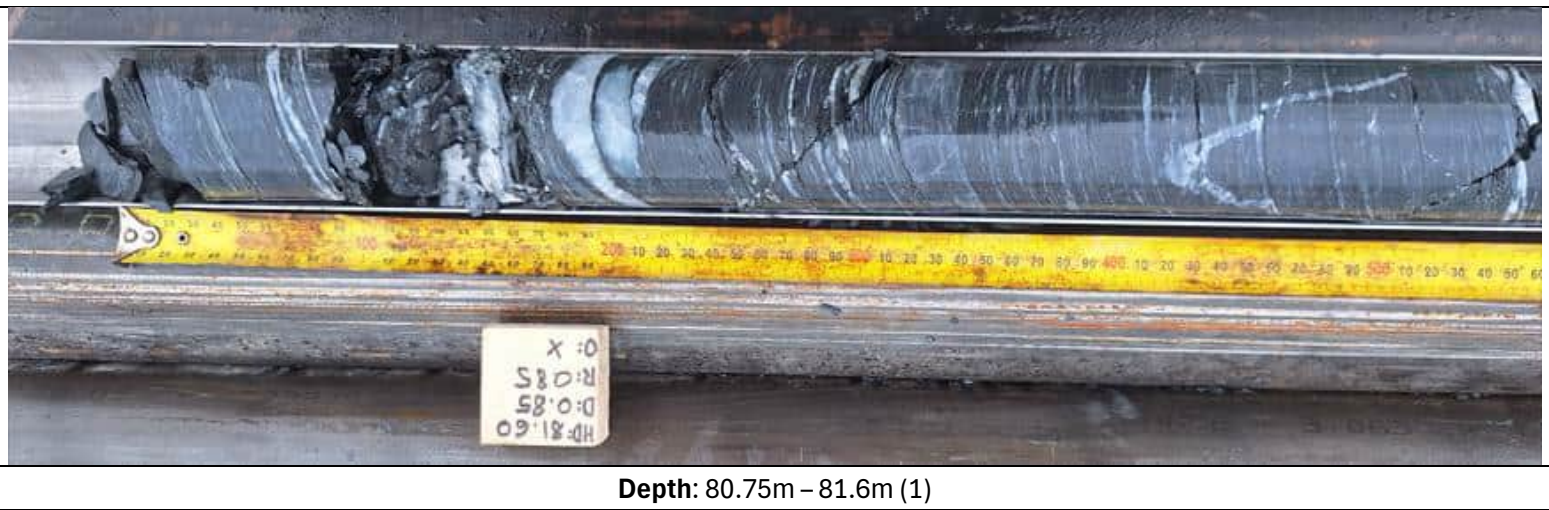
Depth: 79.35m – 80.75m (1)



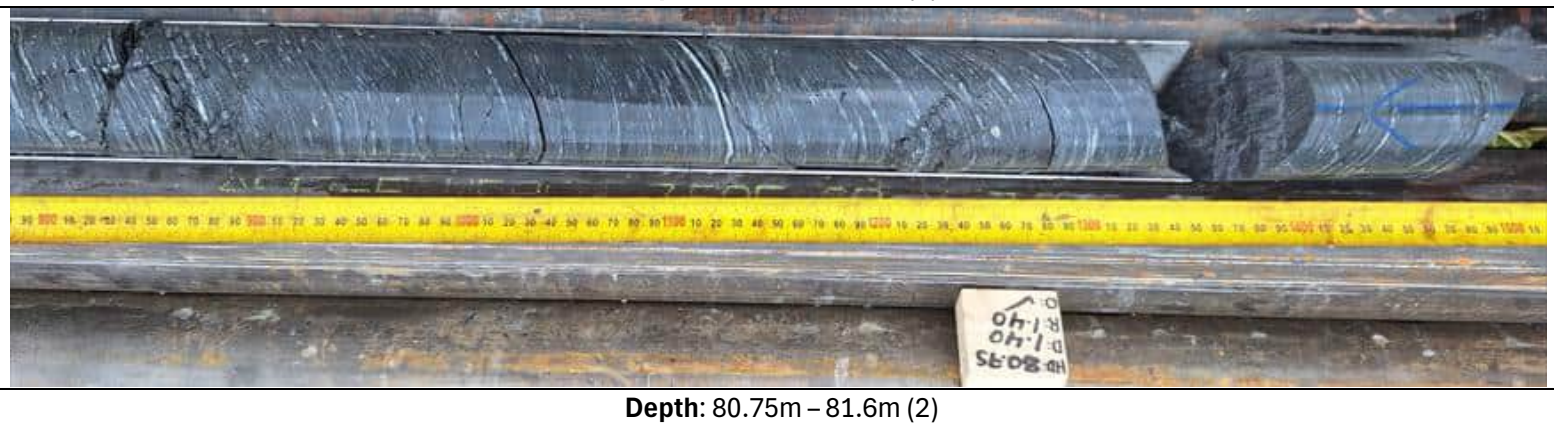
Depth: 79.35m – 80.75m



Depth: 79.35m – 80.75m (3)

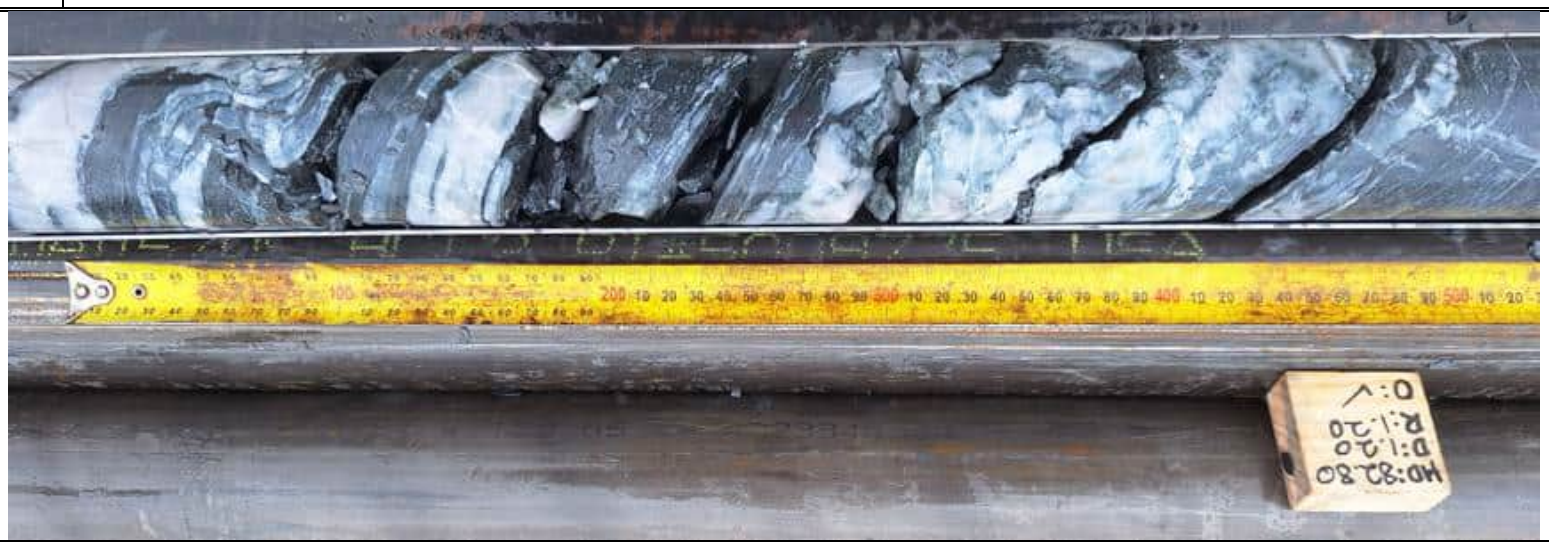


Depth: 80.75m – 81.6m (1)

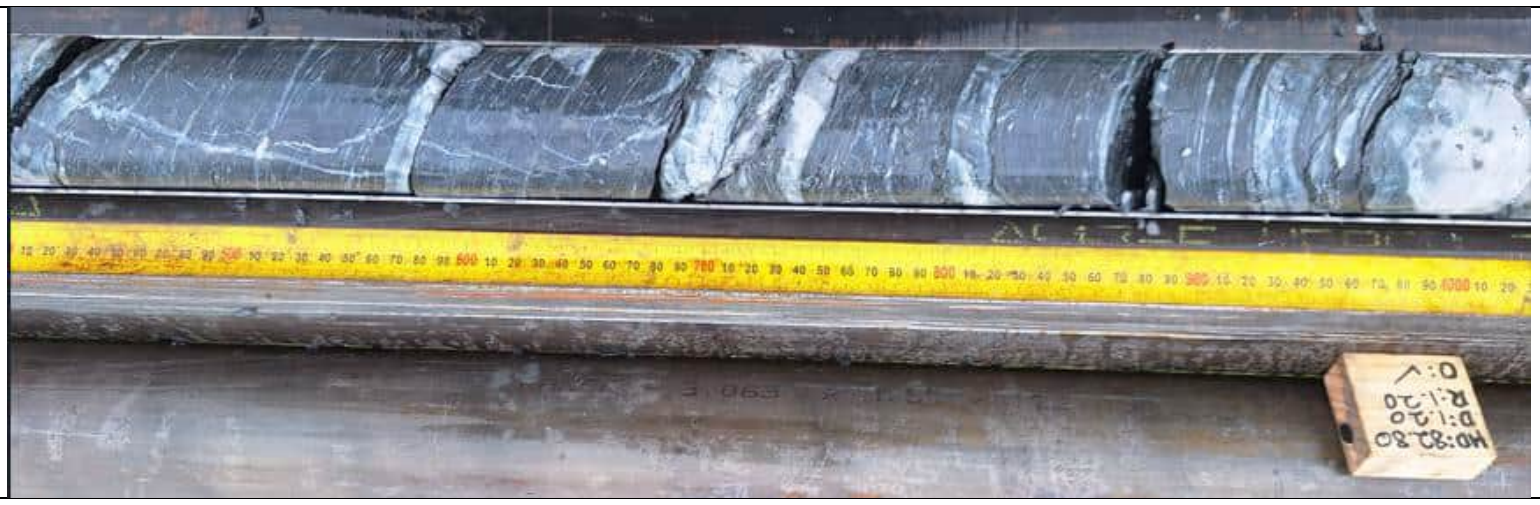


Depth: 80.75m – 81.6m (2)

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



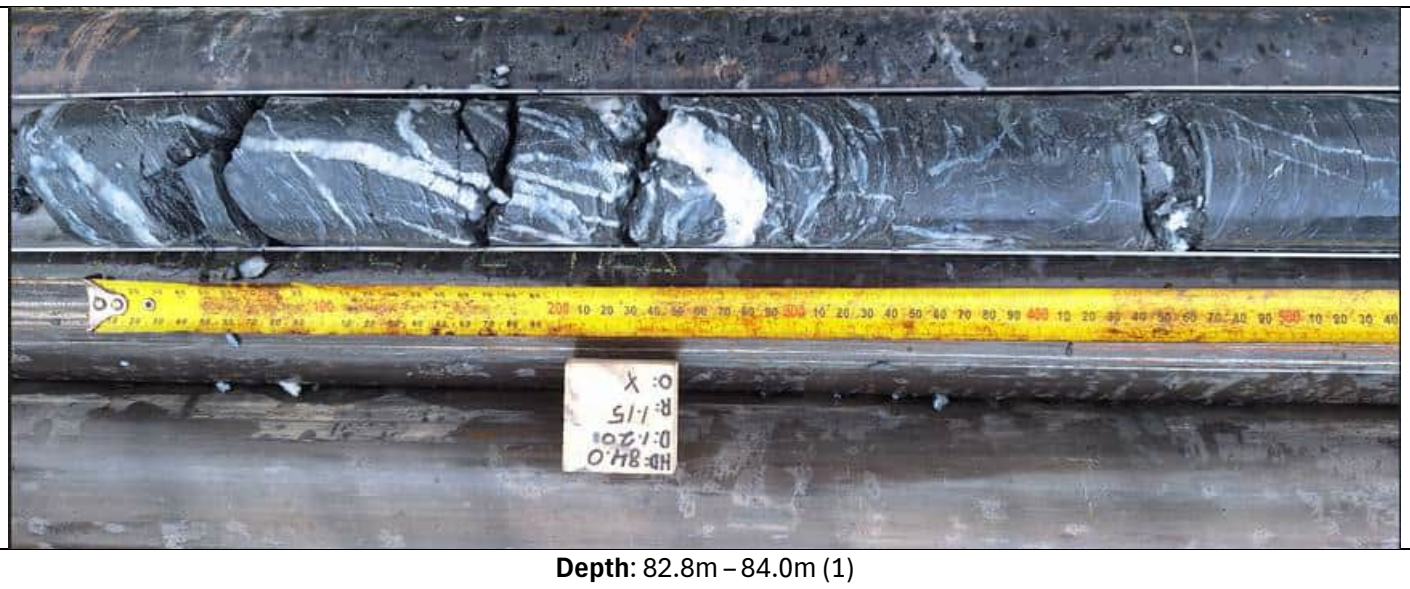
Depth: 81.6m – 82.8m (1)



Depth: 81.6m – 82.8m (2)

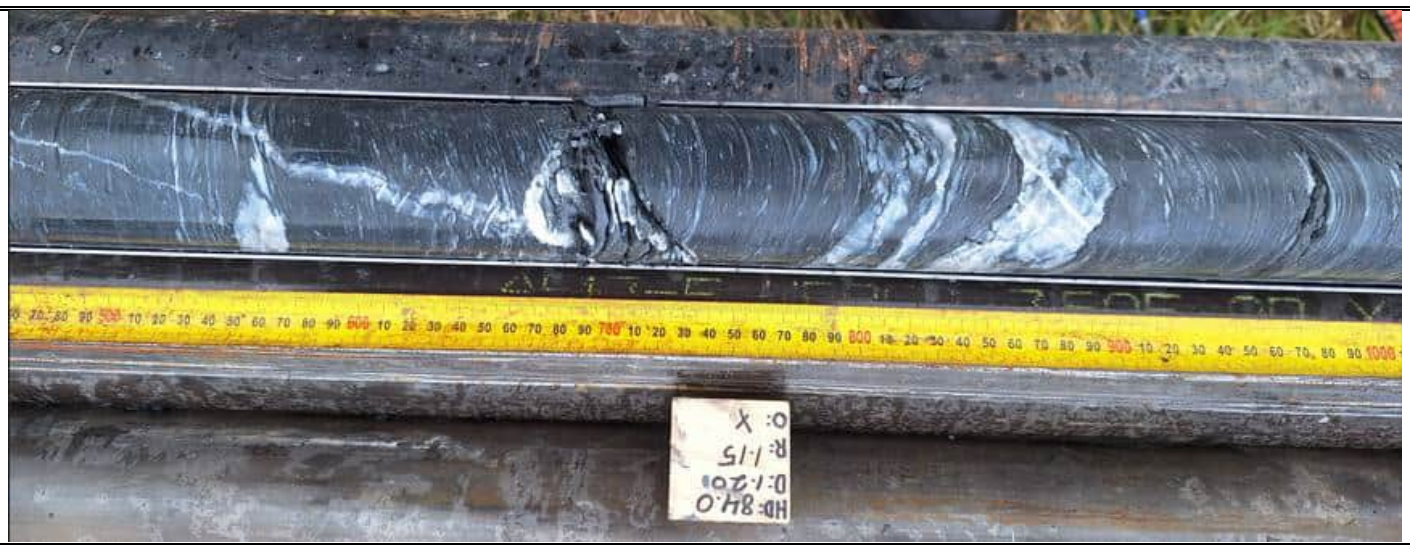


Depth: 81.6m – 82.8m (3)



Depth: 82.8m – 84.0m (1)

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Depth: 82.8m – 84.0m (2)



Depth: 82.8m – 84.0m (3)



Depth: 84.0m – 84.6m (1)

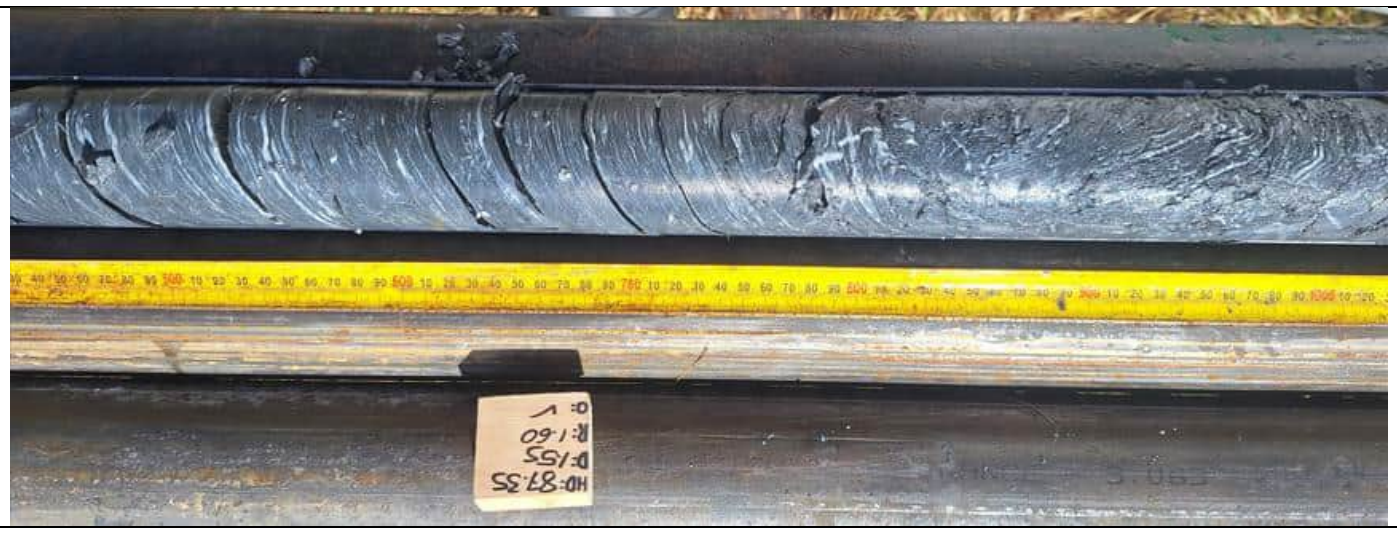


Depth: 84.6m – 85.15m

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Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 85.8m – 87.35m (1)



Depth: 85.8m – 87.35m (2)



Depth: 85.8m – 87.35m (3)



Depth: 85.15m – 85.8m



Depth: 87.85m – 87.95m

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		Photograph By:	MGL	**Date:**	Mar 2026
Title:	**MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN**				



Depth: 87.95m – 88.6m



Depth: 88.6m – 89.15m



Depth: 89.9m – 90.35m



Depth: 89.15m – 89.9m



Depth: 91.8m – 92.25m

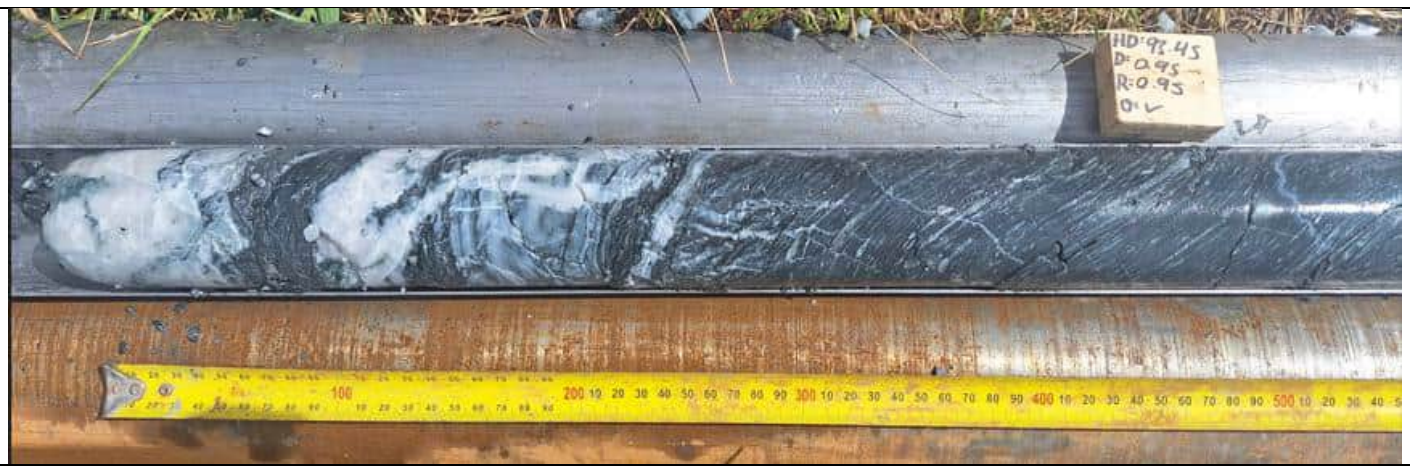
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 91.25m – 91.35m



Depth: 91.35m – 91.8m



Depth: 92.5m – 93.45m (1)



Depth: 92.5m – 93.45m (2)

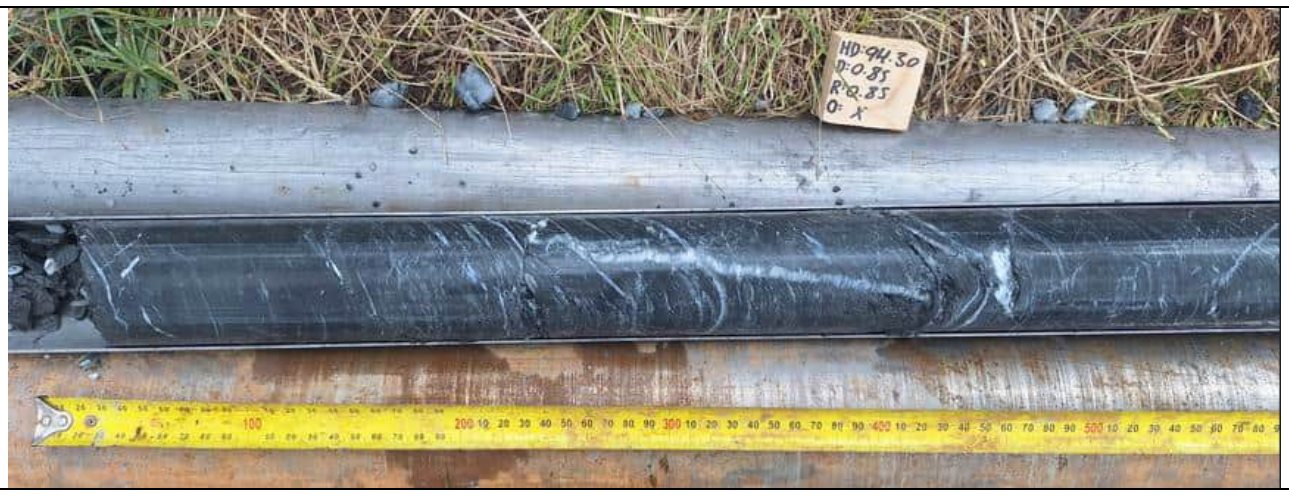


Depth: 92.25m – 92.45m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



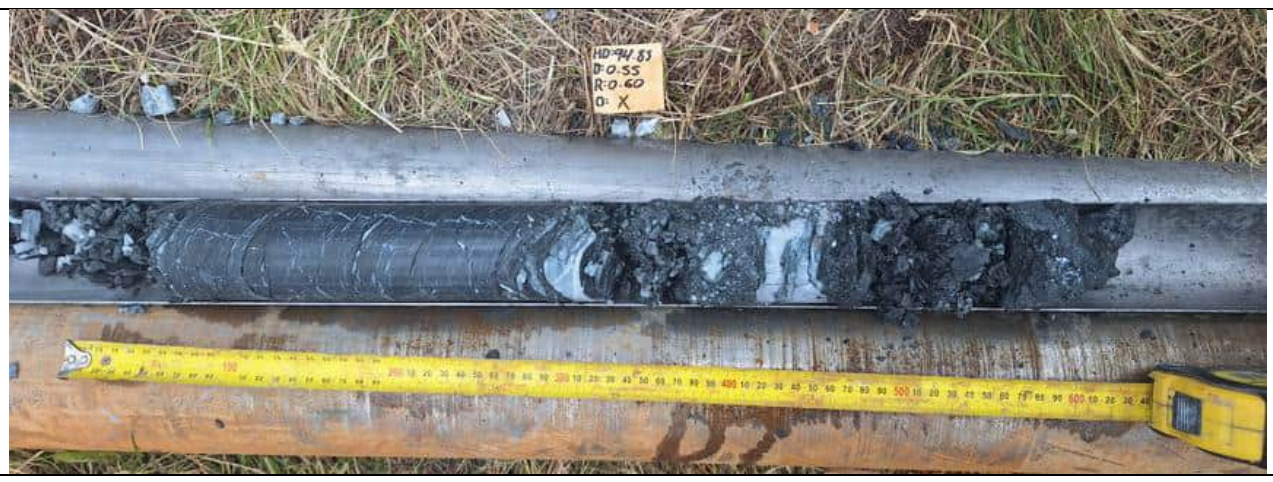
Depth: 92.45m – 92.5m



Depth: 93.45m – 94.3m



Depth: 93.45m – 94.3m (2)



Depth: 94.3m – 94.85m



Depth: 94.85m – 95.15m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 95.7m – 96.2m



Depth: 95.15m – 95.7m



Depth: 96.2m – 96.55m



Depth: 96.55m – 97.1m



Depth: 97.1m – 97.8m

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Depth: 97.8m – 98.1m



Depth: 98.1m – 99.2m (1)



Depth: 98.1m – 99.2m (2)



Depth: 99.2m – 99.9m (1)

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD491		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD491 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 99.2m – 99.9m (2)



Depth: 99.9m – 100.1m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 0.0m - 1.5m



Depth: 1.5m - 2.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 2.8m - 4.6m



Depth: 4.6m - 6.15m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By:	SMI / Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 6.15m - 7.4m



Depth: 7.4m - 9.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By:	SMI / Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 9.0m - 10.8m



Depth: 10.8m - 12.75m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 12.75m - 14.6m



Depth: 14.6m - 16.25m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 16.25m - 17.9m

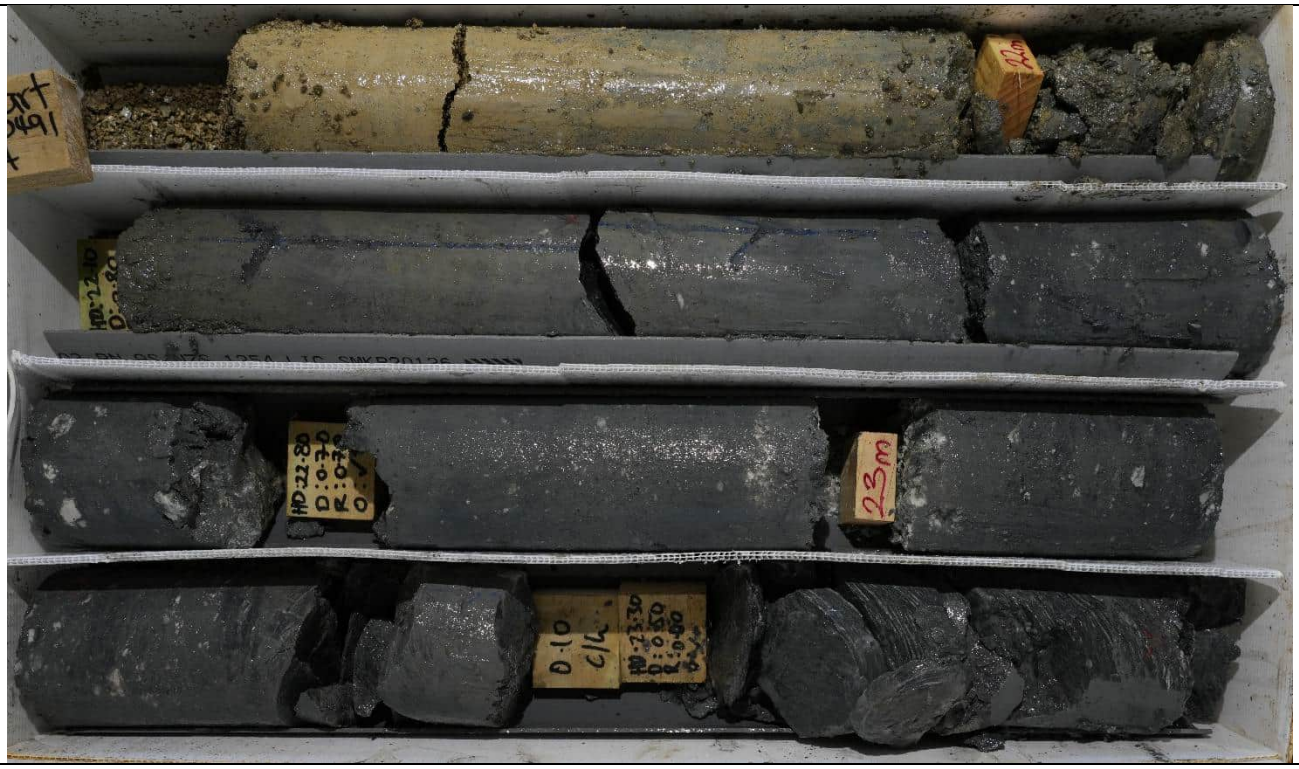


Depth: 17.9m - 19.7m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 19.7m - 21.6m



Depth: 21.6m - 23.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 23.5m - 25.3m



Depth: 25.3m - 26.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1		
		Photograph By:	SMI	Date:	Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS				



Depth: 26.8m - 28.35m

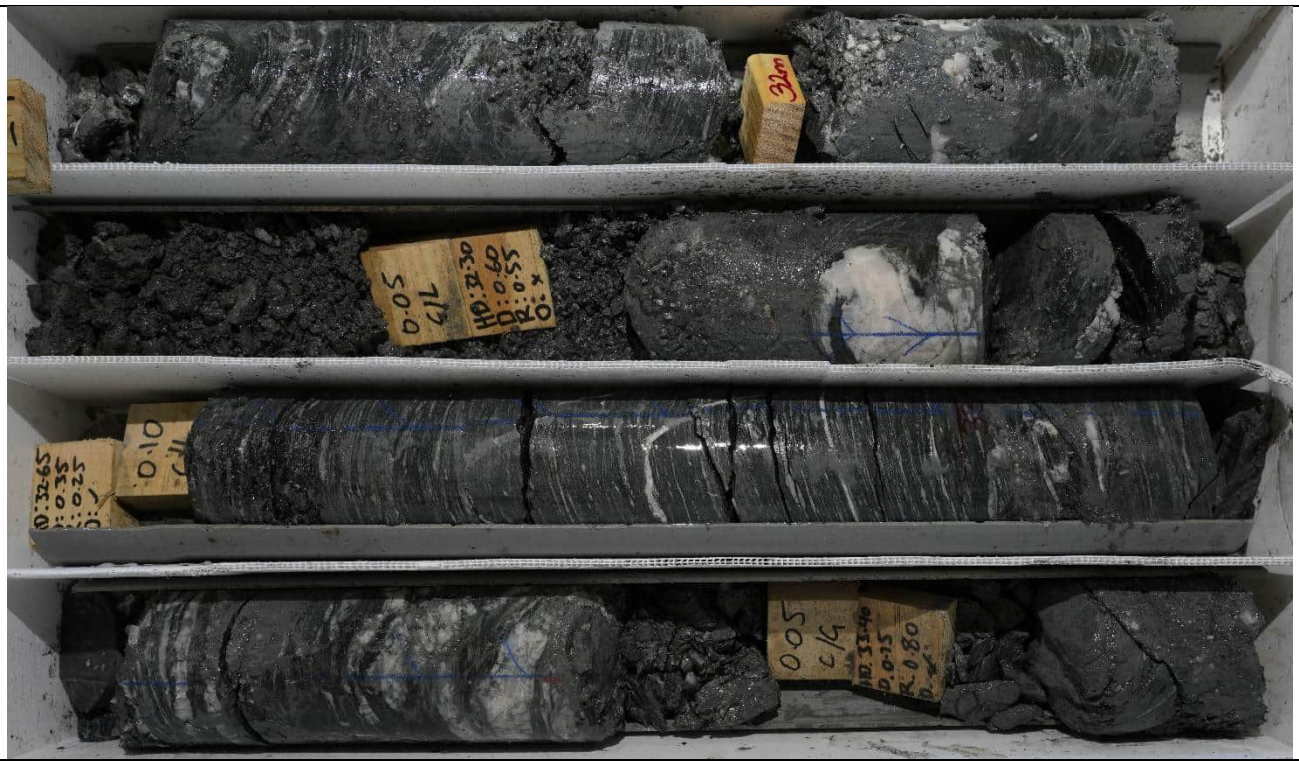


Depth: 28.35m - 30.05m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 30.05m - 31.7m



Depth: 31.7m - 33.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1		
		Photograph By:	SMI	Date:	Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS				



Depth: 33.5m - 35.0m

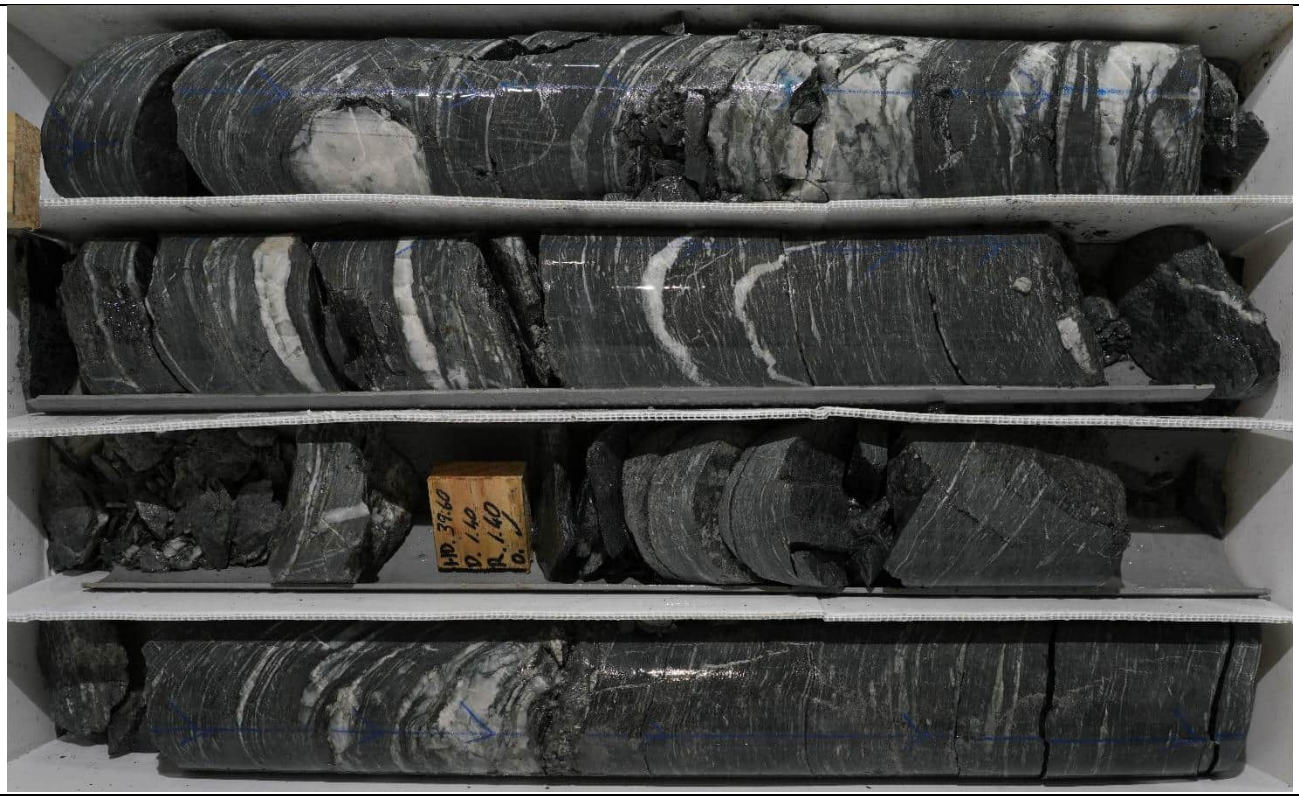


Depth: 35.0m - 36.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1		
		Photograph By:	SMI	Date:	Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS				



Depth: 36.8m - 38.5m



Depth: 38.5m - 40.4m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1		
		Photograph By:	SMI	Date:	Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS				



Depth: 40.4m - 42.3m



Depth: 42.3m - 44.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 44.0m - 45.7m



Depth: 45.7m - 47.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 47.3m - 49.35m



Depth: 49.35m - 51.2m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		

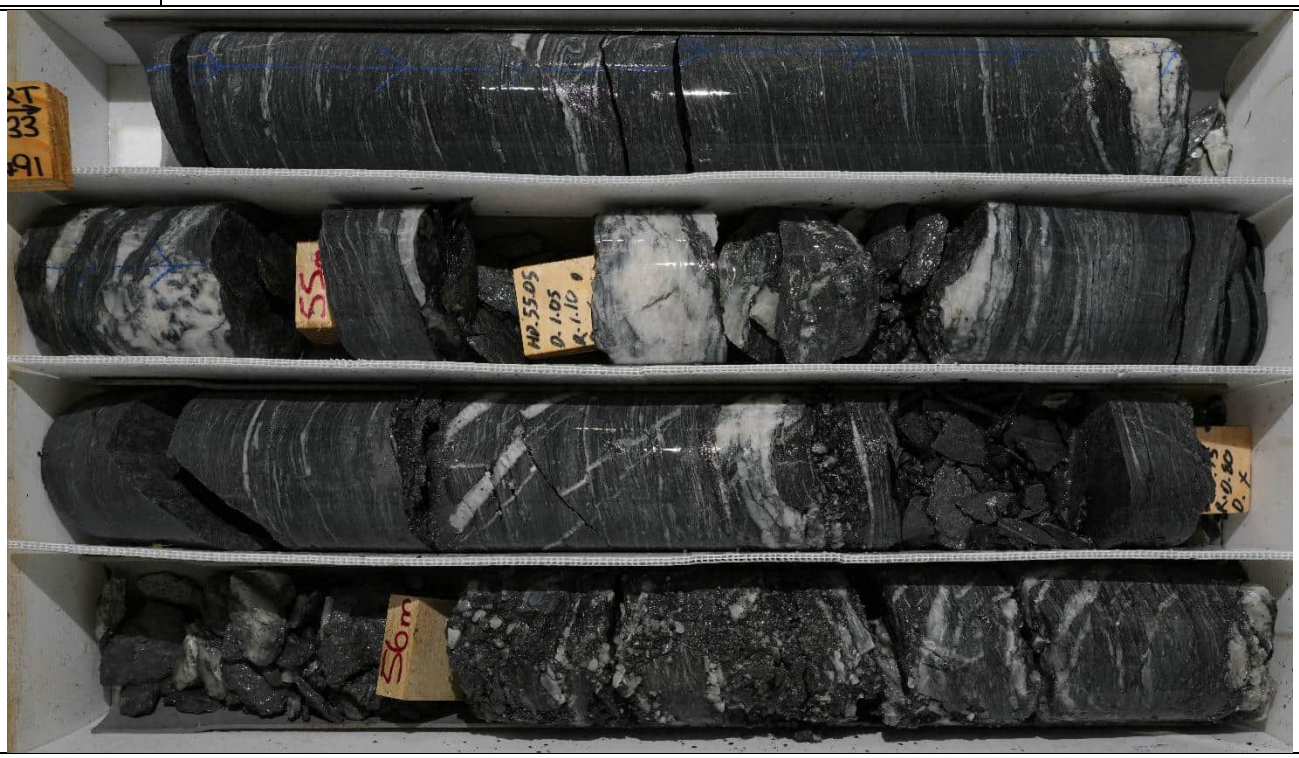


Depth: 51.2m - 52.8m



Depth: 52.8m - 54.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 54.45m - 56.5m

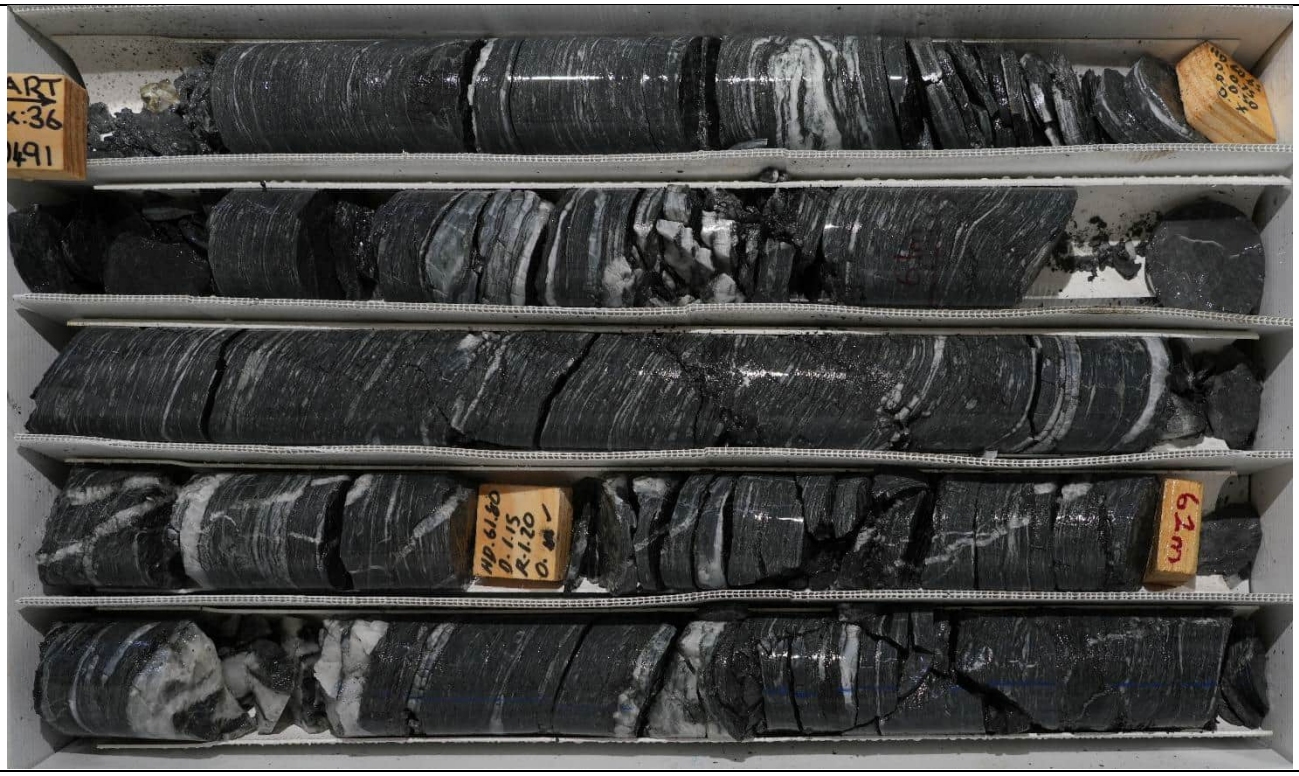


Depth: 56.5m - 58.16m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 58.16m - 59.9m



Depth: 59.9m - 62.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		

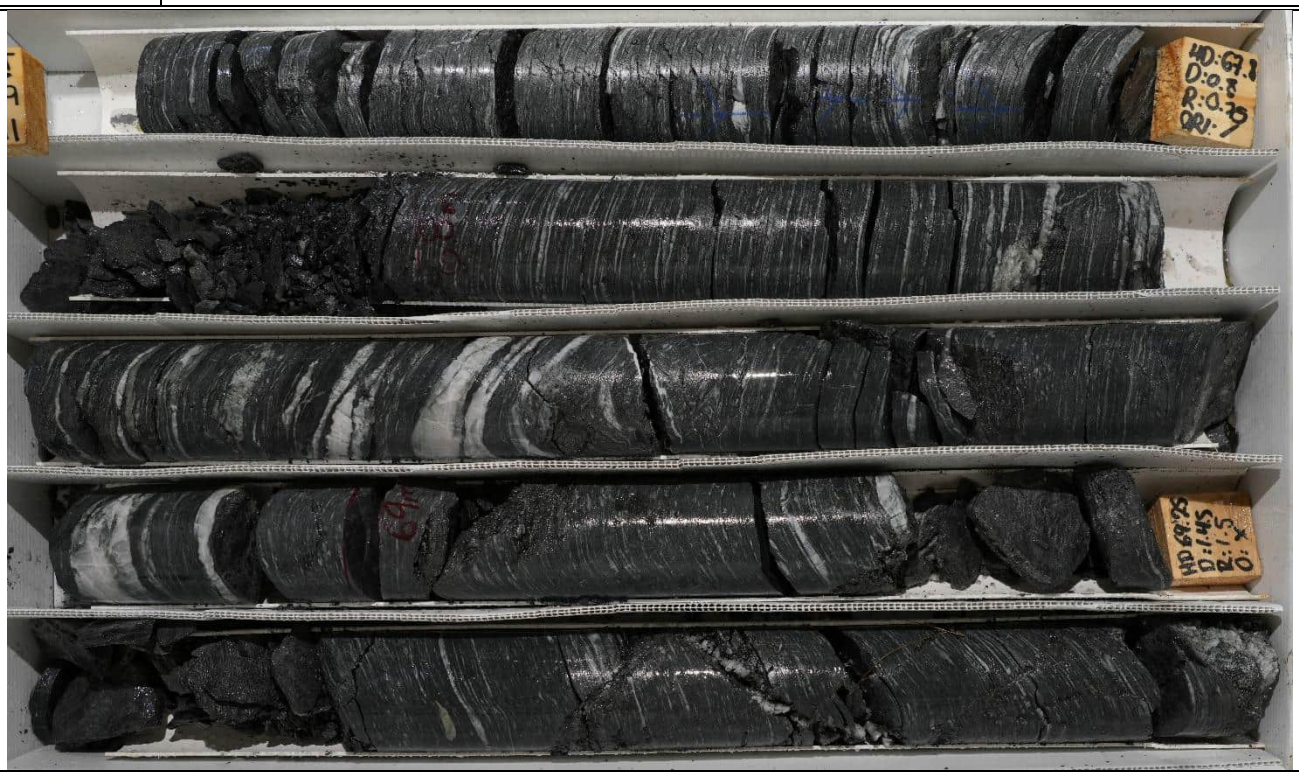


Depth: 62.5m - 64.8m

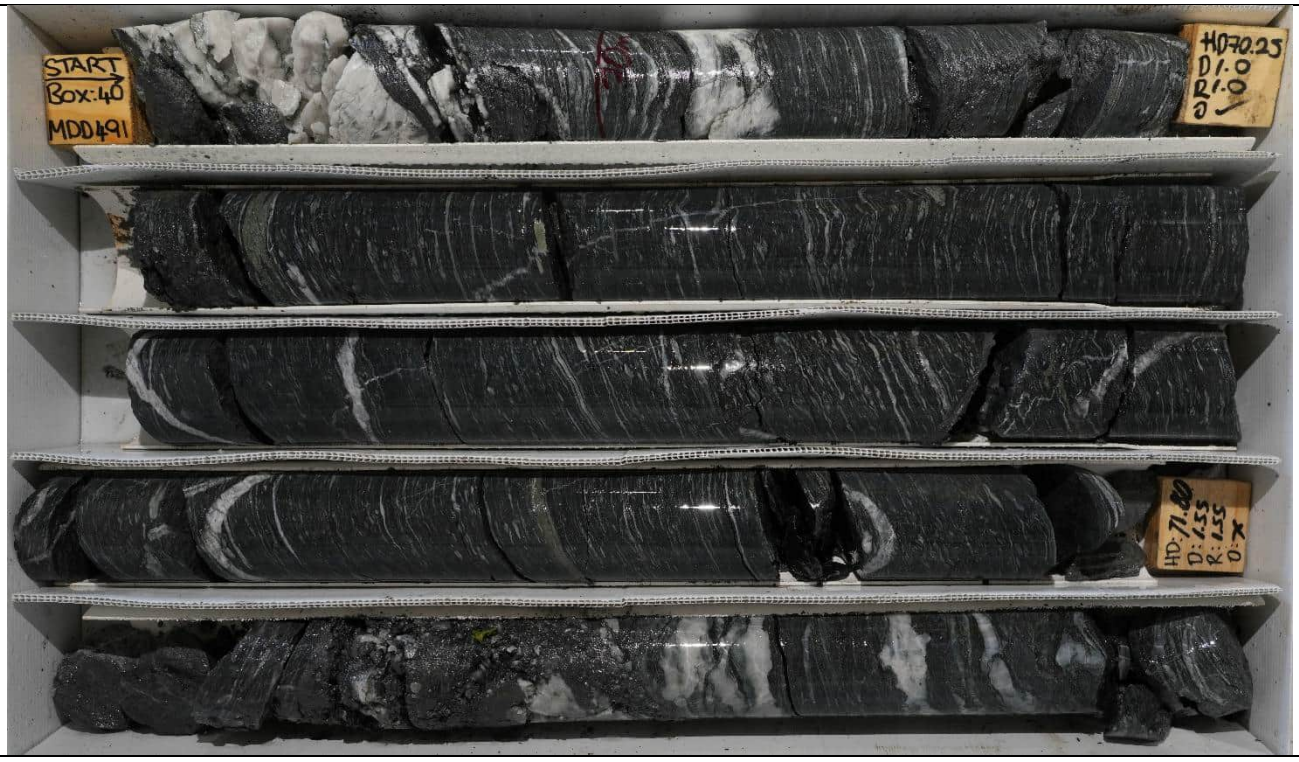


Depth: 64.8m - 67.25m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		

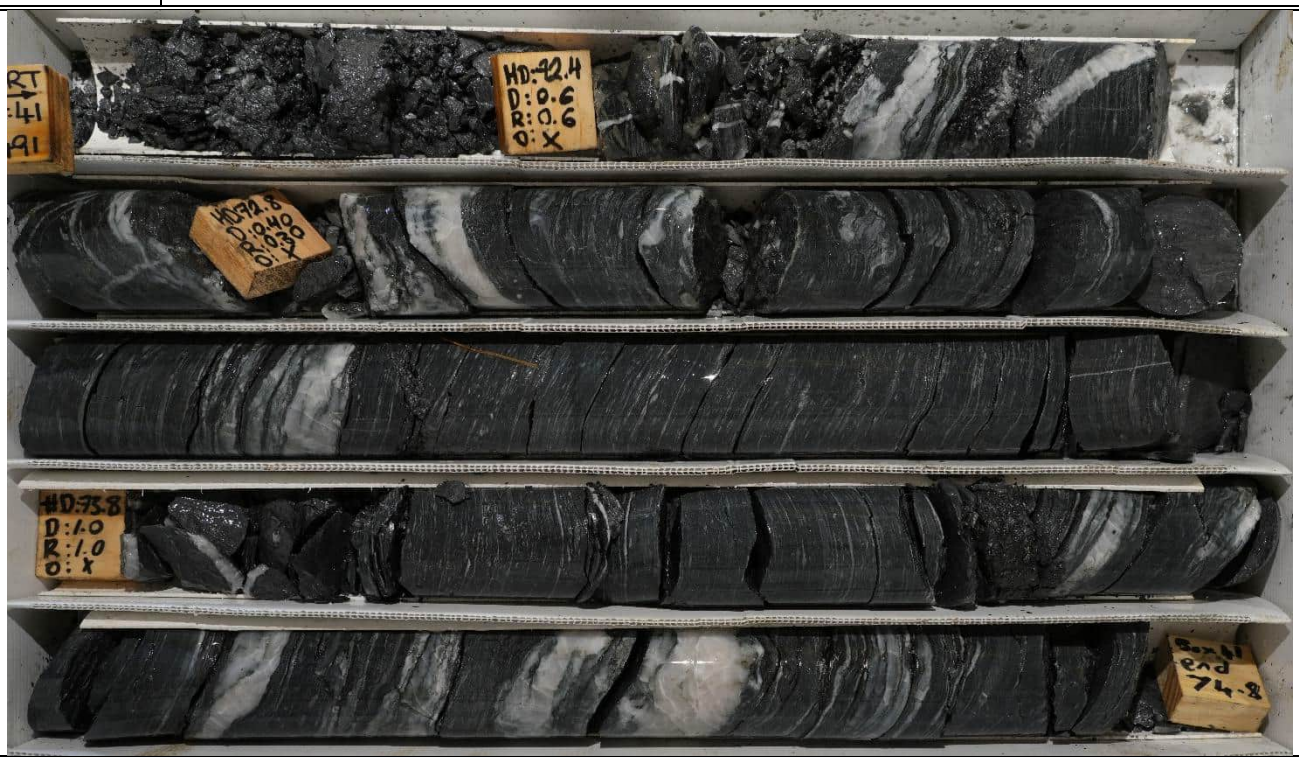


Depth: 67.25m - 69.75m



Depth: 69.75m - 72.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 72.3m - 74.8m



Depth: 74.8m - 77.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 77.3m - 79.5m



Depth: 79.5m - 82.1m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 82.1m - 84.7m

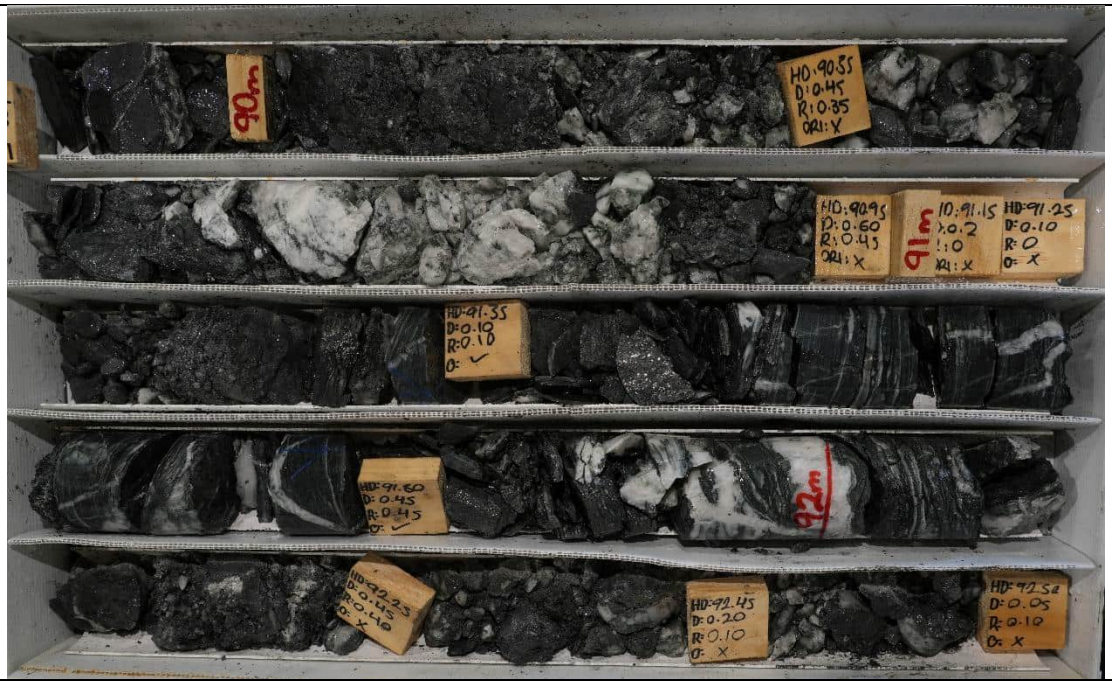


Depth: 84.7m - 87.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1		
		Photograph By:	SMI	Date:	Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS				



Depth: 87.3m - 89.9m

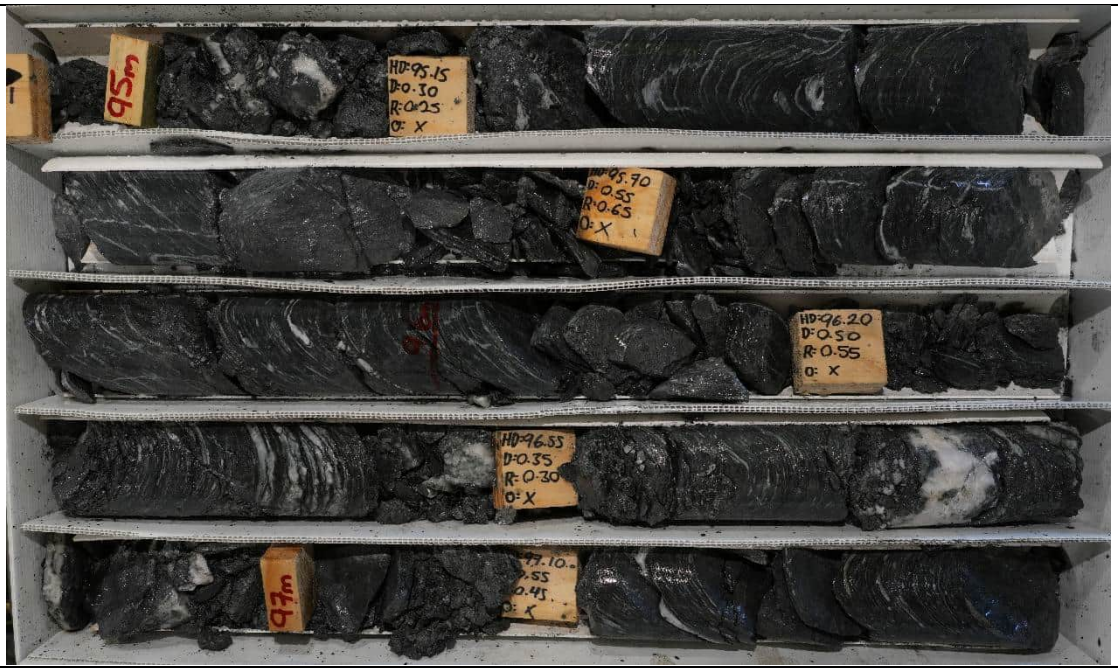


Depth: 89.9m - 92.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 92.5m - 95m



Depth: 95m - 97.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Dec 2025
Title:	MDD491 - CORE PHOTOGRAPHS		



Depth: 97.3m - 99.7m



Depth: 99.7m - 100m

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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 1 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Highly weathered, Green and brown Psammitic TZ3 Schist. Moderately Strong. Large quartz segregations running parallel to foliation. Very closely spaced Fractures	1	724		Joint; α32°, Smooth, Planar, Parallel to foliation. clean. Joint; α33°, Smooth, Planar, Parallel to foliation. clean.		HW	MS			0.60	75				
			723		Joint; α83°, Rough, Planar, Perpendicular to foliation. clean. Joint; α33°, Smooth, Planar, Parallel to foliation. rounded coarse sand, schist fragments.						0.70	22				
	Moderately weathered, brown grey Psammitic TZ3 Schist. Strong. thin laminated quartz segregations running parallel to foliaion, minor deformation and folding to foliaion. Brown staining present on defects. Very closely spaced Fractures	2									0.50	0				
			722		Joint; α32°, Smooth, Planar, Parallel to foliation. clean. Joint; α34°, Smooth, Planar, Perpendicular to foliation. some silt, minor coarse sand tabular schist fragments. Joint; α32°, Smooth, Undulating, Parallel to foliation. clean.						0.80	58		Groundwater Not Encountered		
		3			Joint; α35°, Rough, Undulating, Parallel to foliation. silt with some rounded coarse sand, schist fragments. Joint; α78°, Rough, Planar, Perpendicular to foliation. silt with some rounded coarse sand, schist fragments. Joint; α33°, Smooth, Planar, Parallel to foliation. clean.		MW	S			1.25	67				
			721		Shear Zone; α85°, Rough, Planar, Perpendicular to foliation. silt and medium to coarse sand minor gravel. Gravel, fine, angular, schist. Shear Zone, Rough, Planar, Parallel to foliation. silt and medium to coarse sand minor gravel. Gravel, fine, angular, schist.											
	Closely spaced Fractures	4														
			720		Joint; α43°, Smooth, Planar, Parallel to foliation. .						0.60	78				
	Extremely closely spaced Fractures				Crush Zone, Rough, Planar, Complex Foliation. Gravel, fine, angular, schist. Shear Zone; α47°, Rough, Planar, Parallel to foliation. silt and coarse sand bladed schist fragments.						0.65	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

Engineering Geology Ltd
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info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD493

SHEET 2 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Moderately weathered, brown grey Psammitic TZ3 Schist. Strong. thin laminated quartz segregations running parallel to foliaion, minor deformation and folding to foliaion. Brown staining present on defects. Extremely closely spaced Fractures		719		Shear Zone, Rough, Planar, Complex Foliation. silt and some gravel. Gravel, fine, angular, schist.		MW	S			0.65	0				
	Highly weathered, brown grey Pelitic TZ3 Schist. Moderately Strong. Brown staining present on defects. Extremely closely spaced Fractures						HW	MS			0.65	0				
	Silty GRAVEL minor fine to coarse sand. Gravel, fine to coarse, tabular schist.; brown. Dense, Non-Plastic, .	6	718								1.00	18				
	Moderately weathered, brown grey Psammitic TZ3 Schist. Strong. Closely spaced Fractures															
	Very closely spaced Fractures	7	717		Joint; α46°, Rough, Planar, Parallel to foliation. .						1.00	53				
					Joint; α36°, Smooth, Undulating, Parallel to foliation. .											
					Joint; α34°, Smooth, Planar, Parallel to foliation. .											
	Extremely closely spaced Fractures	8	716		Shear Zone; α32°, Rough, Planar, Parallel to foliation. Gravel with minor silt. Gravel, fine to medium, angular, schist.						0.55	0				
					Shear Zone; α78°, Rough, Planar, Parallel to foliation. .											
	Very closely spaced Fractures															
					Joint; α35°, β264°, Rough, Planar, Parallel to foliation. .						1.10	22				
		9			Shear Zone; α75°, Rough, Planar, Parallel to foliation. Silt and minor gravel. Gravel, fine to medium, angular, schist.											
			715		Joint; α65°, β102°, Smooth, Planar, Perpendicular to foliation. .											
					Joint; α30°, β254°, Smooth, Planar, Parallel to foliation. .											
	SILT with minor coarse sand and fine gravel. Sand and gravel, angular, schist; brown. Hard, High Plasticity, Moist.										0.60	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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Engineering Geology Ltd
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PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD493

SHEET 3 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	SILT with minor coarse sand and fine gravel. Sand and gravel, angular, schist; brown. Hard, High Plasticity, Moist.		714								0.20	0				
	CLAY minor gravel. Gravel, fine angular Highly weathered moderately strong schist; brown. Very Stiff, High Plasticity, Wet.										0.60	23				
	Highly weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures				Joint; α72°, Smooth, Undulating, Angled to foliation. 1mm aperture. Clean.											
		11	713		Joint; α66°, Smooth, Stepped, Angled to foliation. 1mm aperture. . Joint; α77°, Smooth, Undulating, Angled to foliation. 1mm aperture. Coarse sand, broken schist, dense.						1.50	77				
					Joint, Smooth, Stepped, Complex Foliation. 3 mm aperture. Fine gravel, tabular schist, dense. Joint; α58°, Smooth, Undulating, Angled to foliation. 3mm aperture. Coarse sand, broken schist, dense. Joint; α18°, Smooth, Undulating, Angled to foliation. 6mm aperture. quartz crystals.											
					Joint; α55°, Smooth, Stepped, Angled to foliation. 3mm aperture. Coarse sand, broken schist, dense. Joint; α12°, Rough, Undulating, Angled to foliation. 4mm aperture. Medium sand, broken schist, dense.											
		12	712		Joint; α25°, Smooth, Stepped, Angled to foliation. 1mm aperture. . Shear Zone; α78°, Smooth, Stepped, Angled to foliation. 35mm aperture. Gravelly CLAY, fine to medium gravels, tabular schist, Stiff. Joint; α70°, Smooth, Planar, Angled to foliation. 2mm aperture. .											
	Moderately weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures				Joint; α84°, Smooth, Undulating, Parallel to foliation. 1mm aperture. . Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. .						1.50	87			Groundwater Not Encountered		
		13	711		Joint; α78°, Smooth, Undulating, Parallel to foliation. 1mm aperture. .											
					Joint; α74°, Rough, Stepped, Angled to foliation. 1mm aperture. .											
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 1mm aperture. .											
					Joint; α67°, Rough, Stepped, Angled to foliation. 1mm aperture. .											
					Joint; α55°, Rough, Stepped, Angled to foliation. 5mm aperture. .											
		14	710		Crush Zone; α90°, Smooth, Undulating, Angled to foliation. 50mm aperture. Fine to coarse gravel, tabular schist. Joint; α65°, Smooth, Stepped, Angled to foliation. 4mm aperture. .						0.40	0				
					Crush Zone; α85°, Rough, Planar, Angled to foliation. 30mm aperture. Fine gravel, tabular schist, medium dense. Joint; α64°, Smooth, Planar, Angled to foliation. 1mm aperture. . Joint; α50°, Smooth, Planar, Angled to foliation. 1mm aperture. . Crush Zone; α75°, Smooth, Undulating, Parallel to foliation. 100mm aperture. Sandy GRAVEL, coarse sand, gravel, fine to coarse						0.40	30				
	Slightly weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures										1.10	60				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 4 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Slightly weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures	16	709		tabular schist, medium dense. Joint; α90°, Smooth, Undulating, Angled to foliation. 4mm aperture. Sandy GRAVEL, fine to coarse sand, gravel, fine tabular schist, dense. Joint; α77°, Smooth, Undulating, Parallel to foliation. 1mm aperture. Clean. Joint; α88°, Smooth, Undulating, Parallel to foliation. 1mm aperture. Clean. Joint; α72°, Smooth, Planar, Parallel to foliation. 1mm aperture. Clean. Joint; α68°, Smooth, Undulating, Parallel to foliation. . Fractured Zone, Rough, Stepped, Complex Foliation. .						1.10	60		Groundwater Not Encountered		
			708		Joint; α90°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α83°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α72°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α81°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.10	35				
		17	707		Joint; α83°, Smooth, Stepped, Parallel to foliation. 2mm aperture. clean. Crush Zone; α75°, Smooth, Planar, Angled to foliation. 100mm aperture. GRAVEL, medium gravels, tabular schist. Joint, Rough, Stepped, Complex Foliation. . Joint, Smooth, Stepped, Complex Foliation. .						1.10	40				
	GRAVEL some sand, trace cobbles. Sand, coarse. Gravel, fine to coarse, tabular schist. Cobbles, up to 80mm, quartz, weathered rims.; brown. Very Dense, Non-Plastic, Moist. 18.1m - 18.2m: Clay	18	706								0.40	0				
	Highly weathered, grey Psammitic TZ3 Schist. Weak. Extremely closely spaced Fractures										0.30	0				
	Moderately weathered, grey Psammitic TZ3 Schist. Weak. Very closely spaced Fractures	19	705		Fractured Zone, Rough, Stepped, Complex Foliation. 3mm aperture. clean. Crush Zone; α86°, Smooth, Stepped, Angled to foliation. 10mm aperture. fine gravel, tabular schist, 2mm wide, up to 10mm across, medium dense. Crush Zone; α86°, Smooth, Stepped, Angled to foliation. 10mm aperture. fine gravel, tabular schist, 2mm wide, up to 10mm across, medium dense.						1.20	10				
	Moderately weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures										1.50	34				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 5 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Moderately weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures	21	704		Joint; α86°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean.						1.50	34		Groundwater Not Encountered		
	21.3m - 21.8m: Rock fragments only, black and orange staining present on surfaces	22	703		Crush Zone; α90°, Rough, Stepped, Parallel to foliation. 10mm aperture. fine gravel, tabular schist, 2mm wide, up to 10mm across.						0.30	0				
		23	702		Crush Zone; α33°, Rough, Stepped, Perpendicular to foliation. 10mm aperture. fine gravel, tabular schist, 2mm wide, up to 10mm across.						0.10	0				
		24	701		Joint; α90°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.						0.50	50				
			700		Crush Zone; α82°, Rough, Stepped, Angled to foliation. 8mm aperture. coarse sand, fine gravel, tabular schist, 2mm wide, up to 10mm across.						0.60	58				
					Joint; α88°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.60	28				
					Shear Zone; α86°, Rough, Stepped, Parallel to foliation. 12mm aperture. Clayey GRAVEL, gravel fine to medium, angular schist and quartz, Very dense.						0.55	78				
					Fractured Zone, Rough, Stepped, Complex Foliation. 5mm aperture. clean.						0					
	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures				Joint; α75°, Smooth, Stepped, Angled to foliation. 4mm aperture. clean.											
					Joint; α90°, Smooth, Stepped, Angled to foliation. 4mm aperture. clean.											
					Crush Zone; α53°, Smooth, Planar, Angled to foliation. 10mm aperture. fine gravel, tabular schist, dense.											
					Joint; α60°, Smooth, Planar, Angled to foliation. 1mm aperture. .											
					Joint; α87°, Smooth, Undulating, Angled to foliation. 3mm aperture. .											
					Joint; α87°, Smooth, Undulating, Angled to foliation. 3mm aperture. .											
					Joint; α47°, Rough, Stepped, Angled to foliation. 3mm aperture. clean.											
					Crush Zone; α85°, Smooth, Undulating, Parallel to foliation. 30mm aperture. fine gravel, tabular schist, dense.											
					Joint; α76°, Smooth, Planar, Angled to foliation. 0mm aperture. .											
					Joint, Rough, Stepped, Complex Foliation. 5 mm aperture. clean.											
					Fractured Zone, Rough, Stepped, Complex Foliation. 5mm aperture. clean.											
					Joint; α88°, Smooth, Undulating, Parallel to foliation. clean.											
					Joint; α87°, Rough, Undulating, Parallel to foliation. clean.											
					Crush Zone; α85°, Rough, Planar, Parallel to foliation. .											

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LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 6 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures		699		Joint; α88°, Smooth, Planar, Parallel to foliation. .						0.35	0				
	Extremely closely spaced Fractures				Crush Zone, Rough, Planar, Complex Foliation. GRAVEL, trace fine sand and silt. Gravels, coarse, angular, schist, dense.						0.40	0				
	Very closely spaced Fractures	26	698		Joint; α62°, Smooth, Planar, Parallel to foliation. clean. Joint; α75°, Smooth, Planar, Parallel to foliation. . Joint; α68°, Smooth, Undulating, Parallel to foliation. clean. Joint; α85°, β178°, Smooth, Planar, Parallel to foliation. .						0.70	32				
	Moderately weathered, grey Psammitic TZ3 Schist. Moderately Strong. clay present in defects				Shear Zone, Rough, Complex Foliation. Sandy SILT some gravel. Sand, fine to coarse, tabular; Gravel, fine, tabular schist. , very stiff.		MW	MS			0.30	0				
	Highly weathered, grey Psammitic TZ3 Schist. Weak. Very closely spaced Fractures															
	Extremely closely spaced Fractures	27	697		Joint; α63°, Smooth, Planar, Parallel to foliation. .						0.45	0				
	Very closely spaced Fractures				Shear Zone, Rough, Planar, Complex Foliation. silty coarse SAND, medium dense. Joint; α47°, β173°, Smooth, Planar, Parallel to foliation. clean.		HW	W			0.85	17		Groundwater Not Encountered		
		28	696		Shear Zone, Parallel to foliation. GRAVEL, minor silt and coarse sand. Gravel, fine, tabular schist., medium dense. Joint; α59°, Smooth, Planar, Parallel to foliation. clean. Joint; α85°, Smooth, Planar, Parallel to foliation. clean.						0.65	18				
	Sandy SILT some clay. Sand, fine to medium. ; brownish grey. Hard, Moderate Plasticity. Very closely spaced Fractures															
		29	695								0.50	0				
	Slightly weathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures						SW	MS								
	Unweathered, grey Psammitic TZ3 Schist. Strong. Closely spaced Fractures				Crush Zone, Rough, Parallel to foliation. GRAVEL minor silt. Gravel, fine, angular. Joint; α87°, β112°, Smooth, Undulating, Parallel to foliation. clean. Joint; α74°, β114°, Smooth, Undulating, Parallel to foliation. clean.		UW	S			1.40	85				

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CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 7 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Closely spaced Fractures		694		Joint; α72°, β110°, Smooth, Planar, Parallel to foliation. clean.		UW	S			1.40	85				
					Joint; α81°, β111°, Smooth, Planar, Parallel to foliation. .											
	Slightly weathered, grey Psammitic TZ3 Schist. Moderately Strong. Closely spaced Fractures				Joint; α73°, β74°, Smooth, Planar, Parallel to foliation. clean.											
					Joint; α69°, β76°, Smooth, Planar, Parallel to foliation. clean.											
		31	693		Joint; α85°, β75°, Smooth, Undulating, Parallel to foliation. clean.						1.25	72				
					Joint; α76°, β168°, Smooth, Planar, Parallel to foliation. clean.											
		32	692		Joint; α87°, β211°, Smooth, Planar, Parallel to foliation. clean.		SW	MS			1.50	95		Groundwater Not Encountered		
					Joint; α79°, β192°, Smooth, Undulating, Parallel to foliation. clean.											
		33	691													
	Very closely spaced Fractures				Joint; α66°, β259°, Smooth, Planar, Parallel to foliation. clean.											
		34	690		Joint; α87°, β111°, Rough, Planar, Parallel to foliation. coarse sand, medium dense.						1.50	59				
					Joint; α62°, β9°, Smooth, Planar, Perpendicular to foliation. clean.											
					Joint; α46°, β279°, Rough, Planar, Perpendicular to foliation. clean.						1.50	50				
					Joint; α77°, Rough, Planar, Parallel to											

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 8 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
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TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures	36	689		foliation. clean. Joint; α78°, Smooth, Undulating, Parallel to foliation. clean. Shear Zone; α73°, Rough, Planar, Parallel to foliation. Coarse sand minor gravel. Gravel, fine, tabular schist.. Crush Zone, Rough, Parallel to foliation. Gravel. Fine to medium, angular, quartz.		UW	S			1.50	50				
	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures	37	688 687		Joint; α36°, β130°, Rough, Planar, Perpendicular to foliation. Coarse sand minor gravel. Gravel, fine, tabular schist.. Joint; α68°, Rough, Planar, Parallel to foliation. 1-2mm rock chips. Joint; α59°, Rough, Planar, Parallel to foliation. GRAVEL with some silt. Gravel, medium, angular, quartz.		UW	MS			1.30	50				
	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. highly broken/ fractured, irregular orientations, silt and fine sand present in defects. Very closely spaced Fractures Extremely closely spaced Fractures Very closely spaced Fractures	38 39	686 685		Shear Zone, Angled to foliation. GRAVEL with some fine sand and silt. Gravel, coarse, angular, quartz. Joint; α69°, β190°, Smooth, Planar, Parallel to foliation. . Joint; α78°, Smooth, Planar, Parallel to foliation. clean. Crush Zone, Parallel to foliation. Silty SAND. Sand, fine grey sand, and coarse quartz sand.. Crush Zone, Parallel to foliation. Fine sand.		UW	MS			0.70 1.25 1.25	0 0 0		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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DRILLER: Alton Drilling
DRILL TYPE:

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 9 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. highly broken/ fractured, irregular orientations, silt and fine sand present in defects. Very closely spaced Fractures	41 42 43 44	684 683 682 681 680		Joint; α85°, Smooth, Planar, Parallel to foliation. clean. Joint; α83°, Smooth, Planar, Parallel to foliation. clean. Joint; α76°, Smooth, Planar, Parallel to foliation. clean. Shear Zone, Parallel to foliation. Fine sand. Joint; α87°, β55°, Smooth, Undulating, Parallel to foliation. clean. Fractured Zone; α74°, β145°, Parallel to foliation. . Joint; α86°, Smooth, Planar, Parallel to foliation. clean. Shear Zone, Complex Foliation. Silty SAND. Sand, fine grey sand, and coarse quartz sand. .		UW	MS			1.25 1.50 0.60	0 35 40		Groundwater Not Encountered		
	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures				Joint; α76°, Smooth, Planar, Parallel to foliation. clean. Joint; α84°, Smooth, Undulating, Parallel to foliation. clean. Joint; α68°, Rough, Planar, Parallel to foliation. Silty SAND. Sand, fine grey sand, and coarse quartz sand.. Fractured Zone; α67°, Parallel to foliation. fine sand. Shear Zone; α73°, Rough, Planar, Parallel to foliation. coarse sand.		UW	MS			0.90 1.50	0 17				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 10 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects	Drilling & Testing										
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures	46 47 48 49	679 678 677 676 675		Shear Zone; α84°, Rough, Planar, Parallel to foliation. Silty SAND. Sand,coarse, quartz.. Joint; α12°, Rough, Planar, Perpendicular to foliation. . Joint; α23°, Rough, Planar, Perpendicular to foliation. GRAVEL, fine, angular quartz. Fractured Zone; α86°, Rough, Planar, Parallel to foliation. . Joint; α78°, Smooth, Planar, Parallel to foliation. clean. Joint; α76°, Smooth, Planar, Parallel to foliation. clean. Fractured Zone; α83°, Parallel to foliation. Quartz. Joint; α52°, Smooth, Planar, Parallel to foliation. clean. Joint; α74°, Smooth, Undulating, Perpendicular to foliation. . Joint; α83°, β124°, Smooth, Undulating, Parallel to foliation. .		UW	MS			1.50 1.50 1.50 1.50 1.50	17 35 45 49 56		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 11 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures	51	674		Joint; α86°, Smooth, Planar, Parallel to foliation. clean. Joint; α57°, Smooth, Planar, Perpendicular to foliation. clean. Joint; α82°, Smooth, Planar, Parallel to foliation. . Joint; α64°, Smooth, Planar, Parallel to foliation. clean.		UW	MS			1.50	56				
		52	673		Fractured Zone; α73°, Rough, Planar, Parallel to foliation. clean. Joint; α57°, Smooth, Planar, Parallel to foliation. clean.						1.30	0		Groundwater Not Encountered		
		53	672		Joint; α52°, Rough, Planar, Perpendicular to foliation. fine sand. Joint; α67°, Smooth, Undulating, Perpendicular to foliation. clean. Joint; α87°, Rough, Planar, Parallel to foliation. GRAVEL, fine, angular quartz.						1.50	21				
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, irregular orientations. Very closely spaced Fractures	54	671													
			670		Joint; α37°, Rough, Planar, Perpendicular to foliation. . Crush Zone; α73°, Rough, Planar, Parallel to foliation. Silty fine SAND. Shear Zone, Parallel to foliation. Silty fine SAND. Shear Zone; α83°, Parallel to foliation. Silty		UW	MS			1.55	34				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, irregular orientations. Very closely spaced Fractures		669		coarse SAND.						1.55	34				
	Extremely closely spaced Fractures Very closely spaced Fractures	56	668		Shear Zone, Parallel to foliation. SAND with minor gravel. Sand medium to coarse, tabular crushed schist. Gravel, fine, tabular crushed schist.		UW	MS			1.50	11				
					Crush Zone, Complex Foliation. Fine gravel sized tabular quartz.											
		57	667		Shear Zone; α72°, Parallel to foliation. coarse sand.											
					Shear Zone, Complex Foliation. coarse sand trace silt.											
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures				Joint; α87°, Smooth, Planar, Parallel to foliation. clean.		UW	MS			1.55	18		Groundwater Not Encountered		
					Joint; α88°, Smooth, Undulating, Parallel to foliation. clean.											
		58	666		Joint; α84°, Smooth, Planar, Parallel to foliation. clean.											
	Unweathered, grey Pelitic TZ3 Schist. Weak. Weak schist, extremely weak across foliation. Many defects and breaks parallel to foliation. Very closely spaced Fractures				Joint; α78°, Rough, Undulating, Perpendicular to foliation. clean.											
		59	665		Joint; α85°, Smooth, Planar, Parallel to foliation. clean.		UW	W			1.00	0				
	Extremely closely spaced Fractures				Joint; α82°, Smooth, Planar, Parallel to foliation. .						0.20	0				
					Shear Zone; α83°, Parallel to foliation. Fine gravel sized tabular quartz fragments, coarse sand sized schist.						0.35	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 13 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Pelitic TZ3 Schist. Weak. Weak schist, extremely weak across foliation. Many defects and breaks parallel to foliation. Extremely closely spaced Fractures	61	664		Shear Zone, Parallel to foliation. coarse sand. Joint; α87°, Smooth, Planar, Parallel to foliation. clean. Joint; α85°, Smooth, Undulating, Parallel to foliation. clean. Joint; α78°, Smooth, Planar, Parallel to foliation. clean. Crush Zone; α86°, Smooth, Planar, Parallel to foliation. clean.		UW	W			0.35	0		Groundwater Not Encountered		
	Very closely spaced Fractures	62	663		Joint; α87°, Smooth, Undulating, Parallel to foliation. clean. Joint; α83°, Smooth, Undulating, Parallel to foliation. clean. Joint; α88°, Smooth, Undulating, Parallel to foliation. clean.						0.55	0					
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures	63	662		Joint; α77°, Smooth, Undulating, Parallel to foliation. clean. Joint; α67°, Smooth, Undulating, Parallel to foliation. clean. Joint; α82°, Smooth, Planar, Parallel to foliation. clean. Joint; α68°, Smooth, Planar, Parallel to foliation. clean. Joint; α78°, Smooth, Planar, Parallel to foliation. clean. Crush Zone; α84°, Rough, Planar, Parallel to foliation. coarse sand . Crush Zone; α64°, Parallel to foliation. Fine gravel, tabular schist .						1.00	28					
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures	64	661		Crush Zone, Complex Foliation. Fine gravel sized quartz fragments, coarse sand sized schist.		UW	MS			1.35	0					
			660		Shear Zone, Complex Foliation. Fine gravel, tabular schist. Joint; α79°, Smooth, Undulating, Parallel to foliation. . Joint; α19°, Perpendicular to foliation. 11mm aperture. coarse sand sized schist fragments. Crush Zone; α76°, Parallel to foliation. Medium gravel, angular, schist. Joint; α58°, Rough, Planar, Perpendicular to foliation. 283mm aperture. Fine gravel sized tabular schist fragments.						1.55	0					
					Crush Zone, Complex Foliation. Fine gravel, angular schist. Joint; α87°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.						0.50	0					

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 14 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures	66	659		Joint; α83°, Smooth, Planar, Parallel to foliation. 3mm aperture. clean. Joint; α82°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean. Joint; α78°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean. Crush Zone, Complex Foliation. coarse sand minor silt. Sand, coarse, tabular schist. Crush Zone, Complex Foliation. coarse sand minor silt. Sand, coarse, tabular schist.		UW	MS			0.50	0				
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. Very closely spaced Fractures	67	658		Joint; α78°, Smooth, Planar, Parallel to foliation. 3mm aperture. clean. Joint; α77°, β10°, Rough, Planar, Parallel to foliation. 1mm aperture. coarse sand sized schist fragments.		UW	MS			1.50	14				
	Unweathered, grey Pelitic TZ3 Schist. Moderately Strong. highly broken/ fractured, predominantly parallel to foliation. Very closely spaced Fractures	68	657		Joint; α79°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α83°, Smooth, Planar, Perpendicular to foliation. 2mm aperture. coarse sand sized schist fragments. Joint; α74°, Smooth, Undulating, Parallel to foliation. clean. Joint; α76°, β264°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.		UW	MS			1.10	13				
			656		Joint; α79°, Smooth, Planar, Parallel to foliation. clean. Joint; α82°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean. Joint; α87°, Smooth, Undulating, Parallel to foliation. clean.		UW	MS			1.50	23		Groundwater Not Encountered		
	Unweathered, grey Pelitic TZ3 Schist. Strong. Very closely spaced Fractures	69	655		Joint; α68°, Smooth, Undulating, Parallel to foliation. clean. Crush Zone; α57°, Parallel to foliation. Gravelly SAND. Gravel, fine, angular, quartz fragments. Sand, coarse, grey schist.		UW	S			0.20	0				
	69.3m - 69.5m: recovered as rock fragments and gravel				Joint; α88°, Smooth, Planar, Parallel to foliation. 8mm aperture. Fine gravel sized quartz fragments, coarse sand sized schist. Joint; α84°, Smooth, Stepped, Parallel to foliation. 1mm aperture. . Joint; α48°, Rough, Undulating, Angled to foliation. 3mm aperture. .						0.65	52				

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LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 15 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Pelitic TZ3 Schist. Strong. Very closely spaced Fractures		654		Joint; α42°, Rough, Undulating, Angled to foliation. 4mm aperture. .		UW	S			0.65	52		Groundwater Not Encountered		
					Joint; α78°, Smooth, Undulating, Parallel to foliation. 1mm aperture. .											
					Joint; α70°, Smooth, Undulating, Angled to foliation. 3mm aperture. .											
					Joint; α84°, Smooth, Stepped, Parallel to foliation. 1mm aperture. .											
					Joint; α66°, Smooth, Undulating, Angled to foliation. 30mm aperture. consolidated fine sand sized rock and coarse sand sized quartz, weak.						0.65	36				
	70.8m - 70.9m: recovered as rock fragments and gravel															
	Core Loss	71	653	C/L							0.70	0				
				C/L												
				C/L												
	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures										0.20	0				
	71.6m - 72.0m: recovered as rock fragments and gravel										0.00	0				
		72	652		Joint; α17°, Smooth, Stepped, Perpendicular to foliation. 1mm aperture. clean.						0.35	28				
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α88°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.											
					Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α84°, Smooth, Undulating, Parallel to foliation. 0mm aperture. .											
					Joint; α90°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α67°, Smooth, Stepped, Angled to foliation. 1mm aperture. clean.											
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.											
					Joint; α90°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean.											
		73	651		Joint; α55°, Smooth, Stepped, Angled to foliation. 1mm aperture. clean.						1.40	37				
					Joint, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.		UW	S								
					Joint; α70°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean.											
					Joint; α74°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α90°, Smooth, Undulating, Parallel to foliation. 0mm aperture. .											
		74	650		Joint; α86°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.25	58				
					Joint; α82°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α78°, Smooth, Undulating, Parallel to foliation. 0mm aperture. .											
					Joint; α76°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean.											
					Joint; α86°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.50	53				

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 16 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures	76 77 78 79	649 648 647 646 645		Joint; α72°, Smooth, Undulating, Parallel to foliation. 8mm aperture. . Joint; α72°, Smooth, Undulating, Parallel to foliation. 6mm aperture. Fine gravel sized quartz fragments, coarse sand sized schist. Joint; α88°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α88°, Smooth, Undulating, Parallel to foliation. 3mm aperture. . Joint; α75°, Smooth, Undulating, Parallel to foliation. 2mm aperture. . Joint; α87°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α86°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α83°, Smooth, Undulating, Parallel to foliation. 4mm aperture. Fine gravel sized quartz fragments, coarse sand sized schist. Joint; α44°, Smooth, Stepped, Perpendicular to foliation. 0mm aperture. clean. Joint; α82°, Smooth, Undulating, Parallel to foliation. 4mm aperture. clean. 76.6m - 76.7m: Very weak. Joint; α86°, Smooth, Planar, Angled to foliation. 1mm aperture. clean. Joint; α60°, Smooth, Undulating, Angled to foliation. 1mm aperture. clean. Joint; α78°, Smooth, Stepped, Parallel to foliation. 0mm aperture. clean. Joint; α68°, Smooth, Planar, Parallel to foliation. 8mm aperture. fine sand. Joint; α68°, Smooth, Planar, Perpendicular to foliation. 2mm aperture. clean. Joint; α61°, Smooth, Planar, Angled to foliation. 0mm aperture. clean. Joint; α77°, Smooth, Undulating, Angled to foliation. 0mm aperture. clean. Joint; α84°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean. Joint; α87°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean. Crush Zone; α87°, Smooth, Planar, Parallel to foliation. 60mm aperture. Gravelly SAND. Gravel, fine, angular, quartz fragments. Sand, medium to coarse, grey schist. Joint; α79°, Smooth, Planar, Angled to foliation. 1mm aperture. clean. Joint; α30°, Smooth, Stepped, Perpendicular to foliation. 0mm aperture. clean. Joint; α86°, Smooth, Undulating, Parallel to		UW	S			1.50 1.50 1.50 1.50	53 78 85 61		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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DRILLER: Alton Drilling
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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 17 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures	81	644		foliation. 1mm aperture. clean. Joint; α80°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.		UW	S			1.50	61		Groundwater Not Encountered		
	Extremely closely spaced Fractures 81.0m - 81.4m: recovered as rock fragments and gravel	82	643		Crush Zone; α75°, Smooth, Planar, Parallel to foliation. 90mm aperture. Gravelly SAND. Gravel, fine, angular, quartz fragments. Sand, medium to coarse, grey schist. Joint; α78°, Smooth, Stepped, Parallel to foliation. 5mm aperture. clean.						0.55	0				
	Closely spaced Fractures	83	642		Joint; α89°, Smooth, Stepped, Parallel to foliation. 2mm aperture. clean. Joint; α83°, Smooth, Planar, Parallel to foliation. 3mm aperture. clean.						1.45	79				
		84	641		Joint; α88°, Smooth, Planar, Parallel to foliation. 3mm aperture. clean. Joint; α88°, Smooth, Stepped, Parallel to foliation. 2mm aperture. clean. Joint; α58°, β298°, Smooth, Stepped, Angled to foliation. 2mm aperture. clean.						1.50	88				
	Very closely spaced Fractures		640		Joint; α43°, β317°, Smooth, Undulating, Perpendicular to foliation. 3mm aperture. Silty fine SAND. Crush Zone; α73°, Smooth, Undulating, Parallel to foliation. 30mm aperture. Fine gravel, angular schist. Joint. Joint; α77°, β305°, Smooth, Stepped, Parallel to foliation. 2mm aperture. clean.						1.50	35				

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 18 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures	86	639		Joint; α79°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.		UW	S			1.50	35		Groundwater Not Encountered		
					Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α68°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Vein; α47°, Rough, Stepped, Angled to foliation. 150mm aperture. Quartz with fine to coarse gravel sized tabular schist within the mineralisation.											
					Joint.											
					Joint; α40°, Smooth, Planar, Perpendicular to foliation. 0mm aperture. clean.											
			638		Joint; α71°, Smooth, Undulating, Parallel to foliation. 4mm aperture. clean.											
					Joint; α90°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α64°, Smooth, Undulating, Angled to foliation. 1mm aperture. clean.											
					Joint; α75°, Smooth, Undulating, Angled to foliation. 0mm aperture. clean.											
					Joint; α86°, Smooth, Undulating, Perpendicular to foliation. 0mm aperture. clean.						1.50	79				
		87														
			637		Joint; α72°, Smooth, Undulating, Parallel to foliation. 12mm aperture. fine gravel sized broken schist.											
					Joint; α62°, β18°, Rough, Stepped, Parallel to foliation. 1mm aperture. clean.											
					Joint; α59°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.											
					Joint; α58°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean.											
					Joint; α74°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean.											
					Joint; α71°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean.											
					Joint; α75°, Smooth, Undulating, Angled to foliation. 0mm aperture. clean.											
		88			Joint; α48°, Smooth, Stepped, Angled to foliation. 0mm aperture. clean.											
			636		Joint; α67°, Smooth, Undulating, Angled to foliation. 10mm aperture. Fine sandy SILT, hard.						1.50	49				
	Extremely closely spaced Fractures															
	Very closely spaced Fractures				Joint; α63°, Smooth, Undulating, Angled to foliation. 150mm aperture. fine gravel sized broken schist and quartz.											
					Joint; α78°, Rough, Stepped, Angled to foliation. 2mm aperture. clean.											
					Joint; α61°, Smooth, Undulating, Angled to foliation. 2mm aperture. clean.											
	88.8m - 88.9m: recovered as rock fragments and gravel				Joint; α45°, Smooth, Stepped, Angled to foliation. 0mm aperture. clean.											
		89														
			635		Vein; α59°, Rough, Undulating, Angled to foliation. 50mm aperture. Quartz, partially broken down to medium gravels.						0.60	48				
	89.4m - 89.4m: recovered as rock fragments and gravel				Joint.											
											1.35	23				
	Extremely closely spaced Fractures				Shear Zone; α68°, Smooth, Stepped, Angled to foliation. 150mm aperture. Fine gravelly											

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ROCK LOG

DRILLHOLE No.: MDD493

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures	91	634		SILT minor coarse sand, hard.		UW	S			1.35	23		Groundwater Not Encountered		
					Shear Zone; α62°, Smooth, Stepped, Angled to foliation. 100mm aperture. Silty SAND, very dense.											
					Joint; α76°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean.											
					Joint; α74°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α67°, β54°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean.											
					Joint; α57°, β50°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean.											
					Joint; α61°, β52°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α74°, β50°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean.											
					Joint; α39°, Smooth, Stepped, Angled to foliation. 6mm aperture. Silty SAND, Dense.											
			633		Joint; α42°, Smooth, Stepped, Angled to foliation. 3mm aperture. clean.											
					Joint; α73°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						0.95	67				
					Joint; α72°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α64°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
					Joint; α62°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean.											
					Joint; α72°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.											
	Closely spaced Fractures	92			Joint; α79°, Smooth, Undulating, Angled to foliation. 0mm aperture. clean.											
			632		Joint; α70°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.						0.80	42				
	Very closely spaced Fractures				Joint; α88°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.											
					Joint; α82°, Smooth, Planar, Parallel to foliation. 3mm aperture. clean.											
					Joint, Smooth, Planar, Angled to foliation. .											
					Joint; α42°, Rough, Stepped, Parallel to foliation. 2mm aperture. clean.											
					Joint; α90°, Rough, Planar, Parallel to foliation. 3mm aperture. clean.						0.40	0				
					Crush Zone; α90°, Smooth, Undulating, Parallel to foliation. 20mm aperture. Fine gravel, tabular schist , very dense.											
					Joint; α90°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.											
		93			Joint; α85°, β226°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean.											
			631		Joint; α82°, β232°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.											
					Joint; α79°, β237°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean.											
					Joint; α84°, β235°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α82°, β240°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean.											
					Joint; α65°, Smooth, Stepped, Parallel to foliation. 0mm aperture. clean.											
					Joint; α84°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.50	31				
					Joint; α88°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α51°, Smooth, Stepped, Parallel to foliation. 0mm aperture. clean.											
					Joint; α77°, Smooth, Undulating, Parallel to foliation. 2mm aperture. clean.											
					Joint; α66°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.											
	94.0m - 94.4m: Thick quartz segregations present, 50mm to 150mm thick.	94	630		Joint; α89°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α88°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α89°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											
					Joint; α85°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean.											
					Joint; α53°, Smooth, Stepped, Angled to foliation. 1mm aperture. clean.											
					Joint; α80°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean.						1.35	39				
					Joint; α87°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean.											
					Joint; α51°, Smooth, Stepped, Angled to foliation. 1mm aperture. clean.											
					Joint; α75°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean.											

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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ROCK LOG

DRILLHOLE No.: MDD493

SHEET 20 OF 21

Job No.: 9702

PROJECT: BOGP
LOCATION: Bendigo
COORDINATES: East 1320074.6 North 5017485.9
GRID: NZTM 2000

RL GROUND: 724.1
DATUM: NZVD 2016

HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
TZ3 Schist	Unweathered, grey Psammitic TZ3 Schist. Strong. Very closely spaced Fractures Closely spaced Fractures Very closely spaced Fractures 95.8m - 95.9m: recovered as rock fragments and gravel Closely spaced Fractures Very closely spaced Fractures Closely spaced Fractures Very closely spaced Fractures	96 97 98 99	629 628 627 626 625		Joint; α78°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint; α84°, Smooth, Stepped, Parallel to foliation. 4mm aperture. clean. Joint; α26°, Smooth, Undulating, Parallel to foliation. 3mm aperture. clean. Joint; α87°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean. Joint; α80°, Smooth, Planar, Parallel to foliation. 2mm aperture. clean. Joint; α89°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean. Joint; α88°, Smooth, Stepped, Parallel to foliation. 1mm aperture. clean. Joint; α90°, Smooth, Stepped, Parallel to foliation. 0mm aperture. clean. Joint; α76°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint. Vein; α70°, β170°, Smooth, Undulating, Parallel to foliation. 150mm aperture. Quartz. Joint; α74°, β87°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint; α72°, β277°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint; α79°, β167°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean. Joint; α80°, β155°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean. Joint; α83°, β166°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean. Joint; α75°, β75°, Smooth, Planar, Angled to foliation. 0mm aperture. clean. Joint; α8°, Rough, Stepped, Perpendicular to foliation. 2mm aperture. clean. Joint; α76°, β113°, Smooth, Planar, Parallel to foliation. 0mm aperture. clean. Joint; α85°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α74°, Smooth, Undulating, Parallel to foliation. 4mm aperture. fine gravel sized broken schist. Joint; α80°, Smooth, Stepped, Parallel to foliation. 2mm aperture. clean. Joint; α88°, Rough, Stepped, Angled to foliation. 2mm aperture. clean. Joint; α72°, Smooth, Stepped, Angled to foliation. 2mm aperture. clean. Joint; α82°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean. Joint; α87°, Smooth, Stepped, Parallel to foliation. 0mm aperture. clean. Joint; α88°, Smooth, Stepped, Angled to foliation. 0mm aperture. clean. Joint; α80°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint; α62°, Smooth, Undulating, Parallel to foliation. 0mm aperture. clean. Joint; α84°, Smooth, Undulating, Parallel to foliation. 1mm aperture. clean. Joint; α84°, Smooth, Planar, Parallel to foliation. 1mm aperture. clean. Joint; α88°, Rough, Stepped, Parallel to foliation. 4mm aperture. Coarse sand.		UW	S			1.35 1.50 1.55 1.20	39 79 78 71		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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ROCK LOG

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HOLE STARTED: 13/12/2026
HOLE FINISHED: 20/01/2026
HOLE DEPTH: 100.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	EOH: 100.00 m															

NOTES: Coordinates and elevation obtained from MGL site surveyor on 23/01/2025. On flat slope midway up Feature 1. Logged to NZGS guidelines (2005.) Shear vane values have been converted at a ratio of 1.425, calibration certificate expires 28/06/2026. Drilling water circulation return % estimated by lead driller. Angles are measured from core axis. Target depth reached (100 m bgl). VWPs installed and grouted, tips at 11.1, 23.6, 49.1, and 89.1 m bgl, refer to as-built diagram. Downhole OTV/ATV data captured at end of hole by Speights Geophysics on 16 and 17 January 2026 from 1.5m bgl to 99.7 m bgl. Boxed core stored at MGL depot.

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DRILLER: Alton Drilling
DRILL TYPE:

EGL - Rock Log v8.1 (test) - 7/05/2026 10:29:24 am - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD493		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 0.0m – 0.6m



Depth: 0.6m – 1.3m



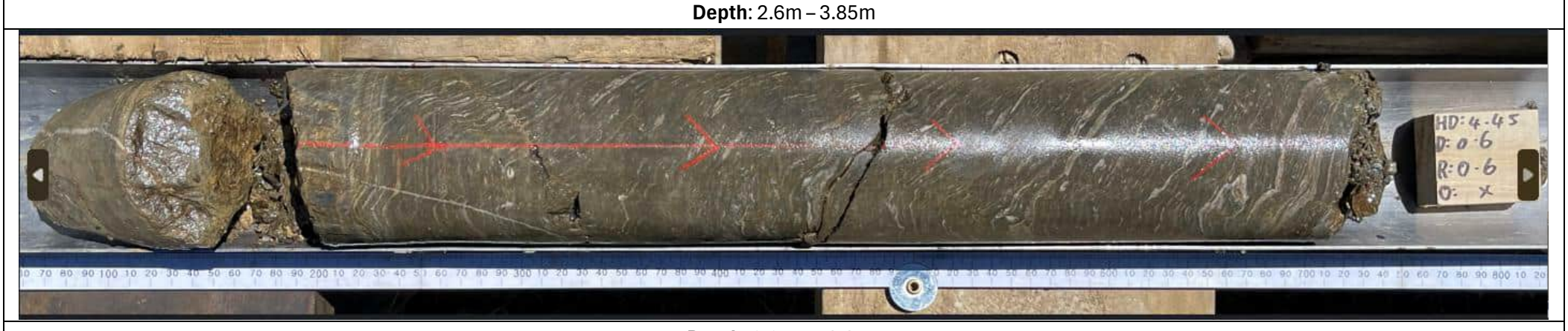
Depth: 1.3m – 1.8m



Depth: 1.8m – 2.6m



Depth: 2.6m – 3.85m



Depth: 3.85m – 4.45m

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Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD493		
		Photograph By:	MGL	Date:	Mar 2026
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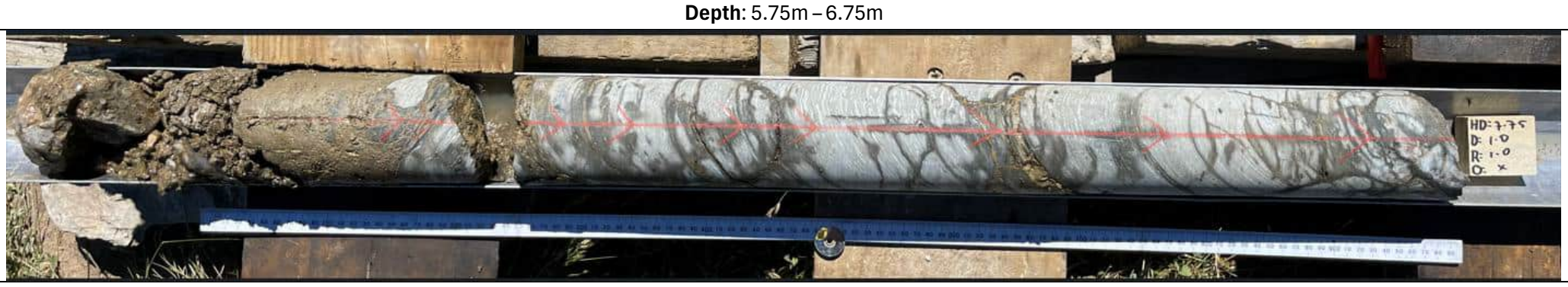
Depth: 4.45m – 5.1m



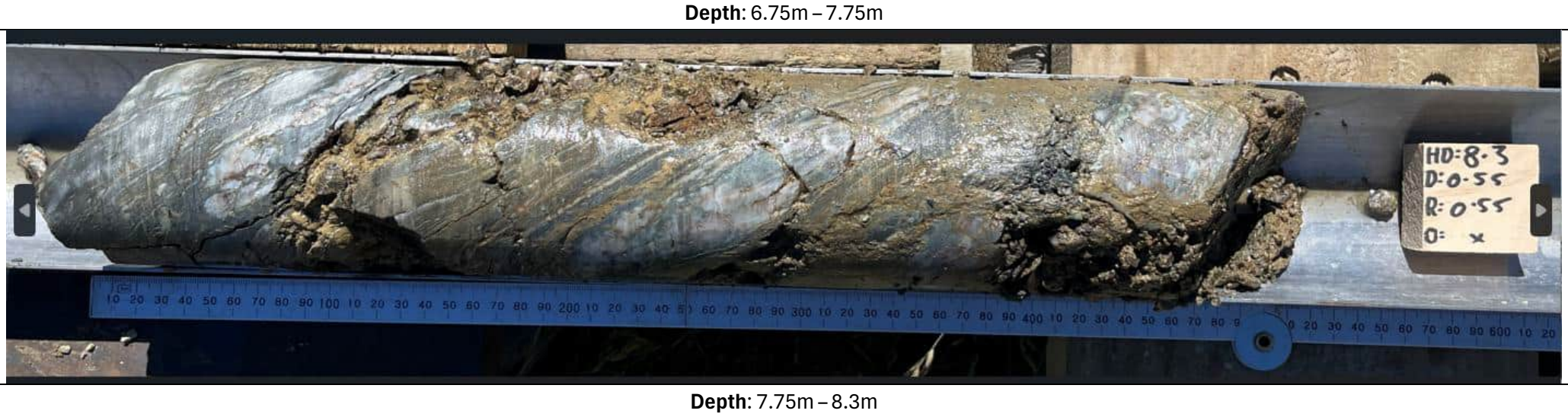
Depth: 5.1m – 5.75m



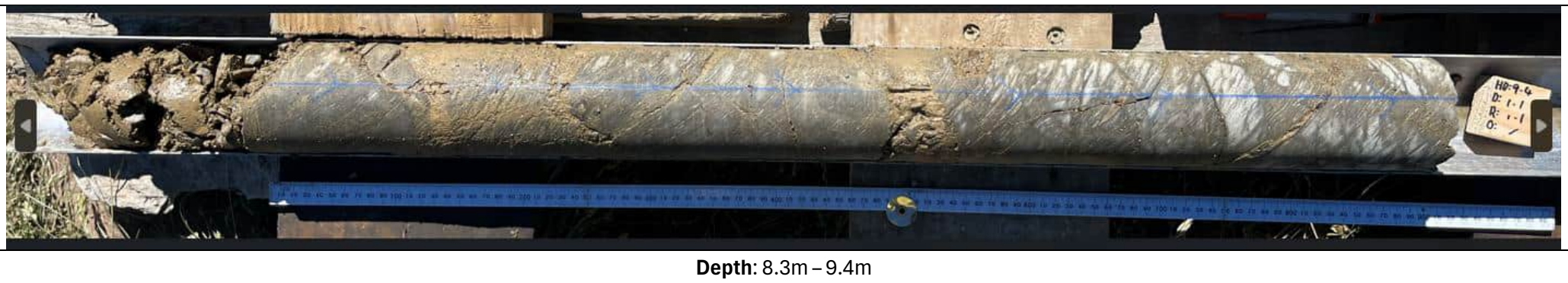
Depth: 5.75m – 6.75m



Depth: 6.75m – 7.75m



Depth: 7.75m – 8.3m

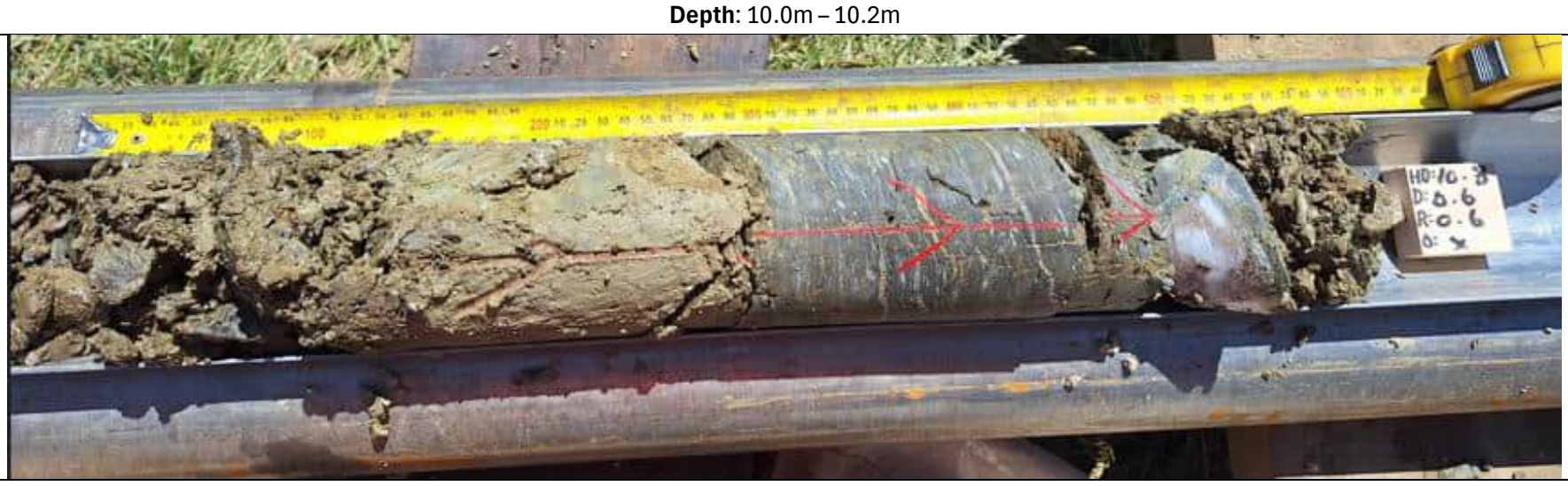


Depth: 8.3m – 9.4m

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Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD493		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 10.0m – 10.2m



Depth: 10.2m – 10.8m



Depth: 10.8m – 12.3m (1)



Depth: 12.3m – 13.8m (1)

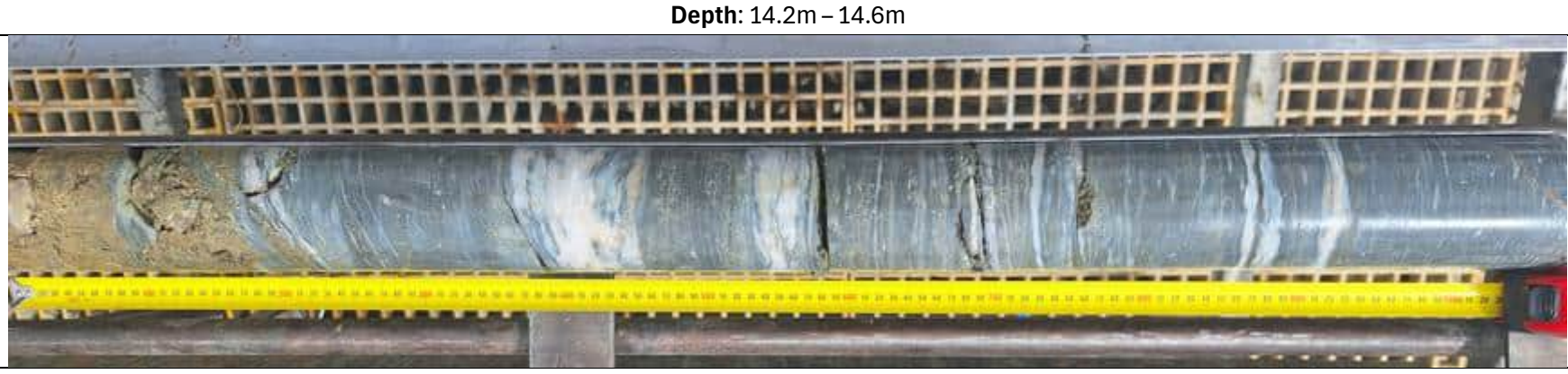


Depth: 13.8m – 14.2m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



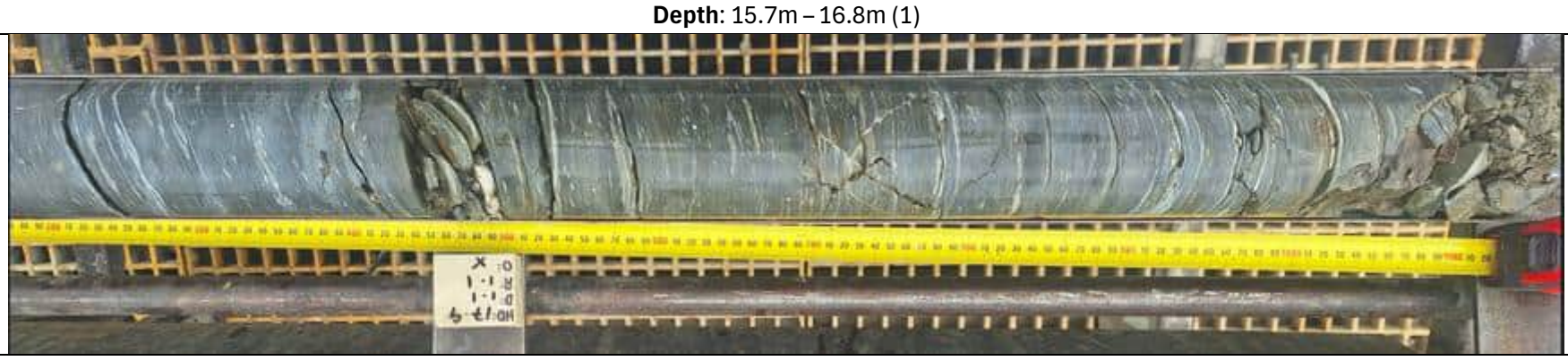
Depth: 14.2m – 14.6m



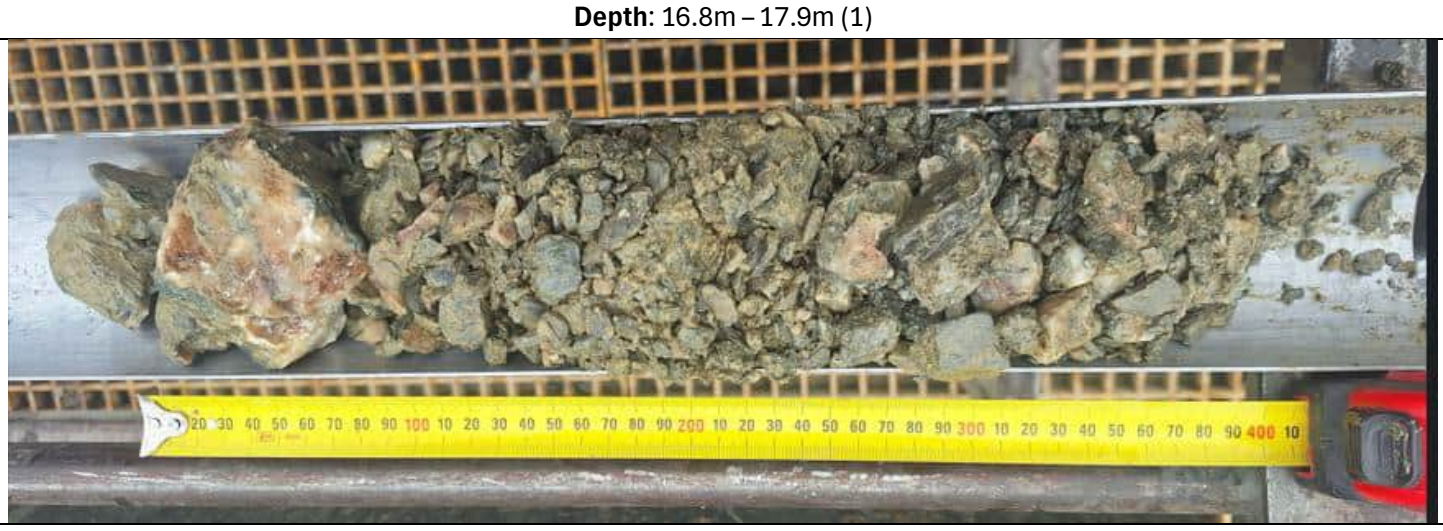
Depth: 14.6m – 15.7m (1)



Depth: 15.7m – 16.8m (1)



Depth: 16.8m – 17.9m (1)

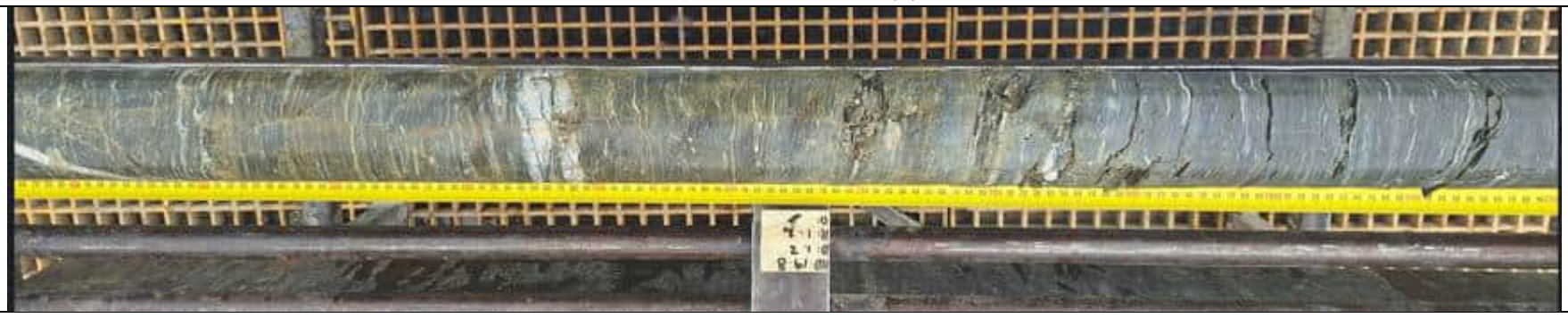


Depth: 17.9m – 18.3m (2)

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		Photograph By:	MGL	**Date:**	Mar 2026
Title:	**MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN**				



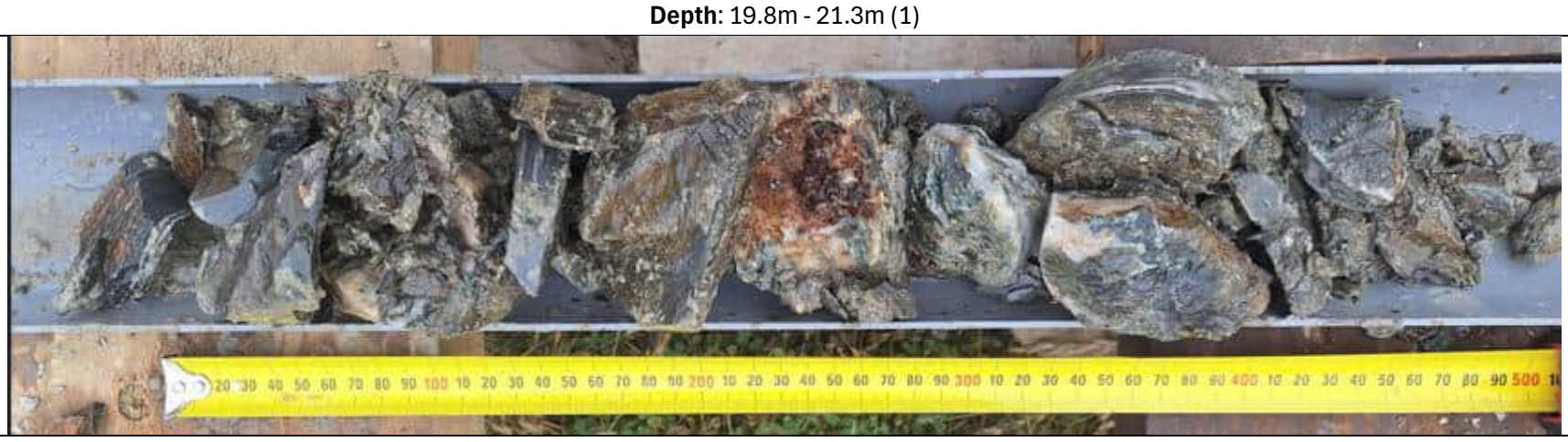
Depth: 18.3m – 18.6m (1)



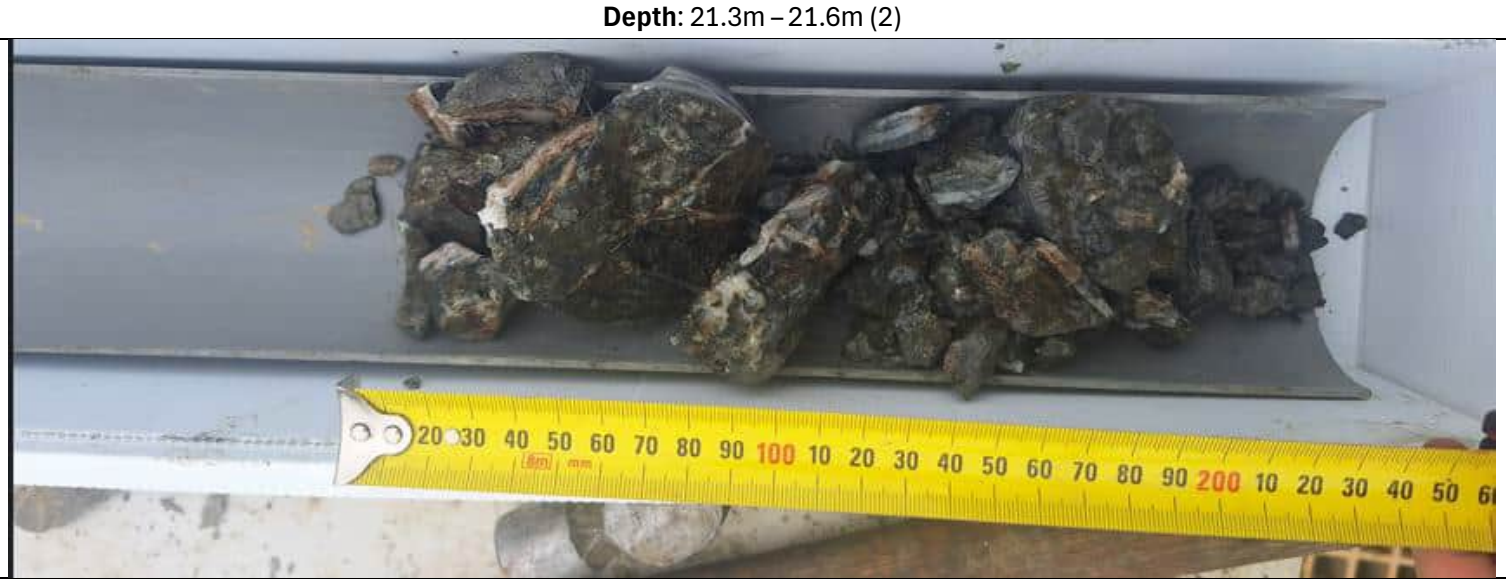
Depth: 18.6m – 19.8m (1)



Depth: 19.8m - 21.3m (1)



Depth: 21.3m – 21.6m (2)



Depth: 21.6m – 21.7m

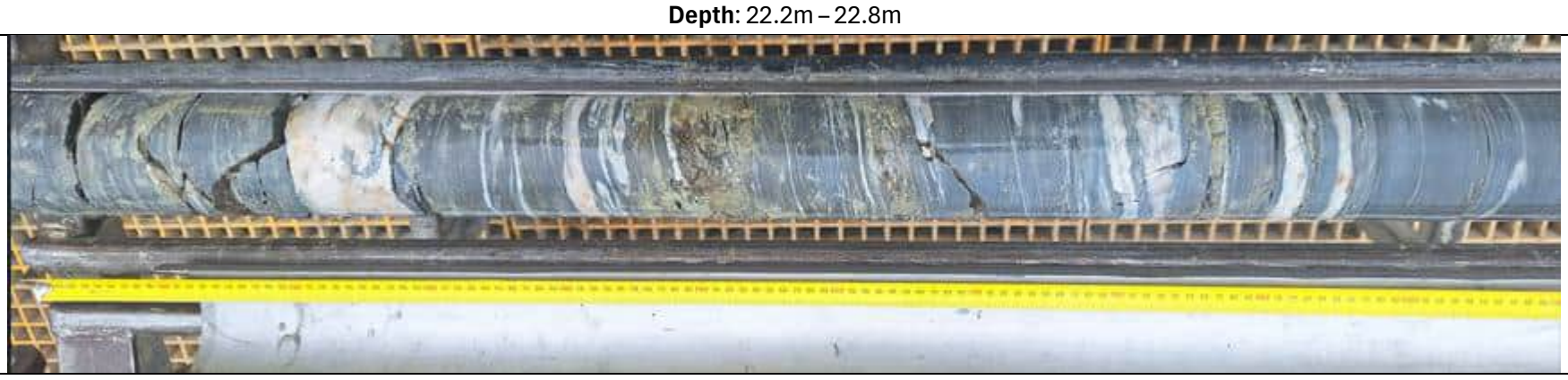
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	TSF Embankment Gully Floor MDD493		
		Photograph By:	MGL	Date:	Mar 2026
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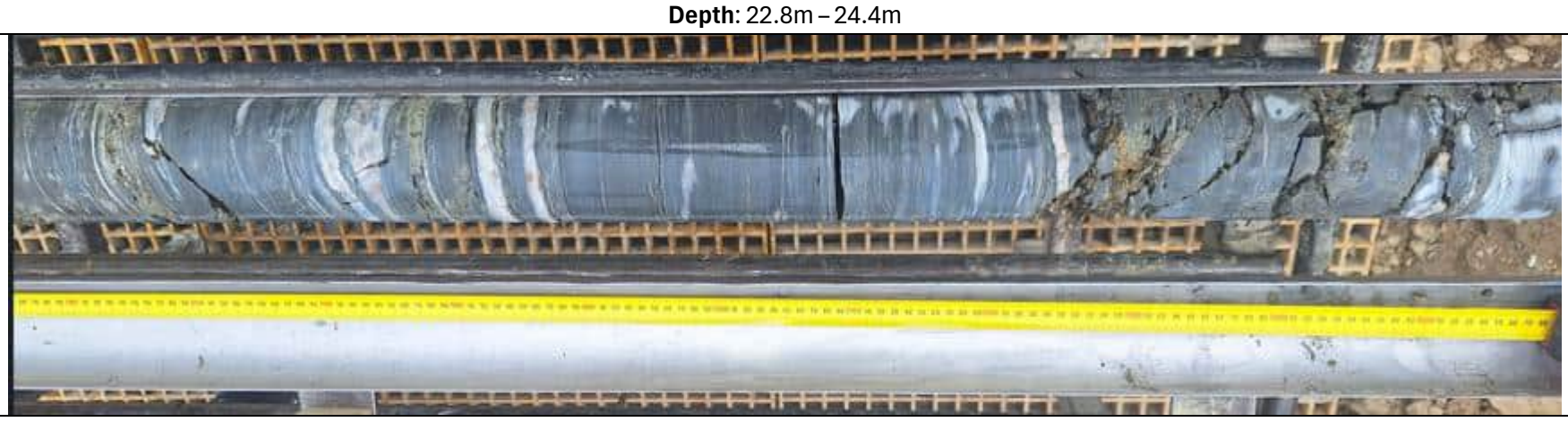
Depth: 21.7m – 22.2 (2)m



Depth: 22.2m – 22.8m



Depth: 22.8m – 24.4m



Depth: 22.8m – 24.4 (1)m



Depth: 24.4m – 24.95m

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Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 24.95m – 25.3m



Depth: 25.3m – 25.7m



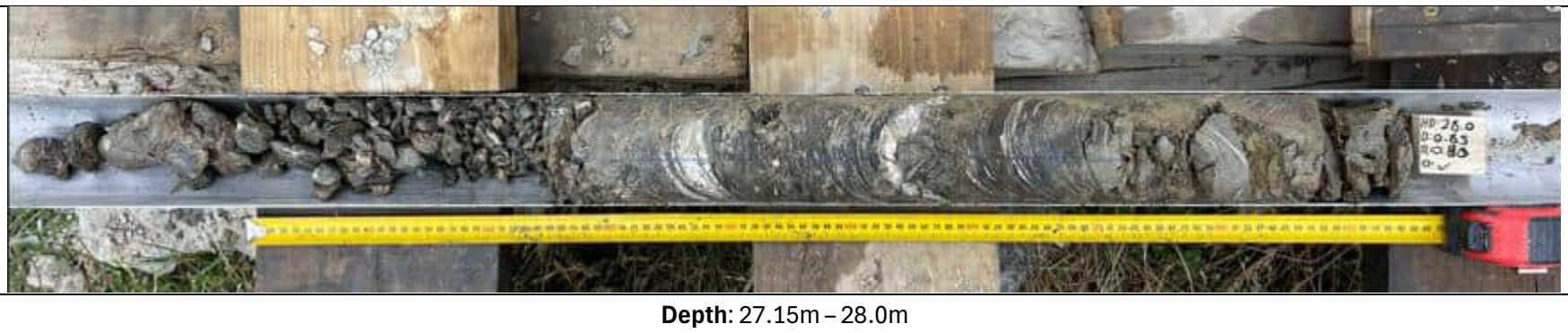
Depth: 25.7m – 26.4m



Depth: 26.4m – 26.7m



Depth: 26.7m – 27.15m

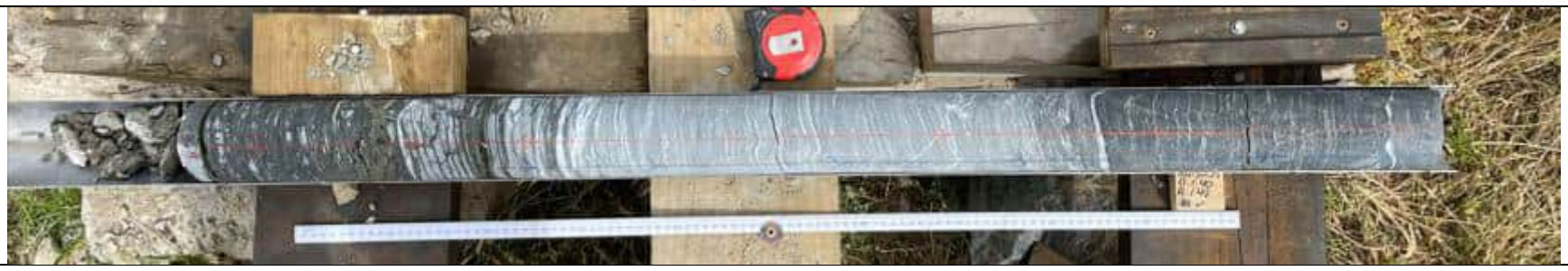


Depth: 27.15m – 28.0m

Client:	MATAKANUI GOLD LIMITED	**EGL Job No.**	9702		
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		Photograph By:	MGL	**Date:**	Mar 2026
Title:	**MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN**				



Depth: 28.0m – 29.15m



Depth: 29.15m – 30.55m



Depth: 30.55m – 31.8m



Depth: 31.8m – 33.3m



Depth: 33.3m – 34.8m



Depth: 34.8m – 36.3m

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Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 36.3m –36.6m



Depth: 36.6m – 38.3m



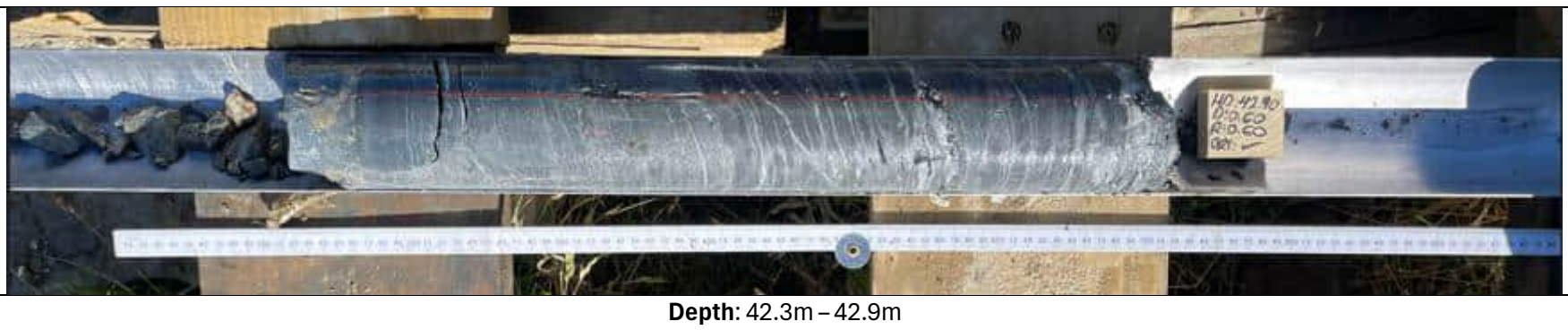
Depth: 38.3m – 39.55m



Depth: 39.55m – 40.8m



Depth: 40.8m – 42.3m

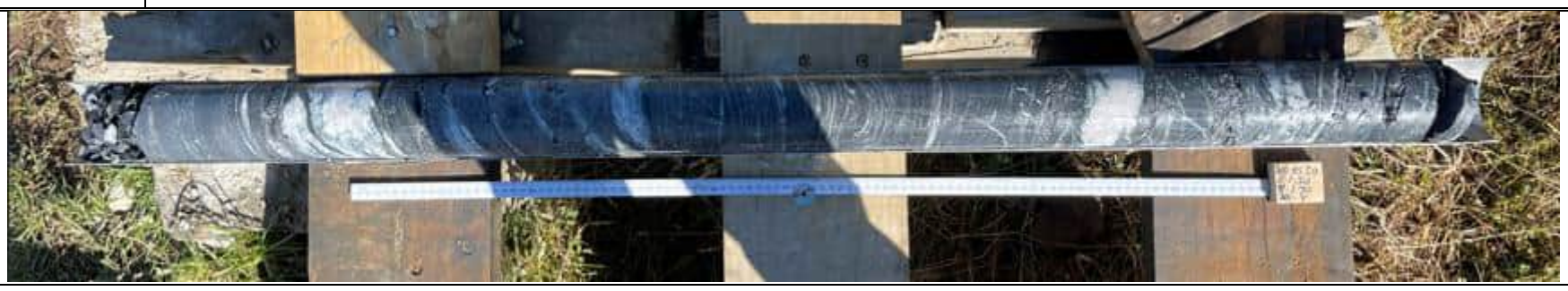


Depth: 42.3m – 42.9m

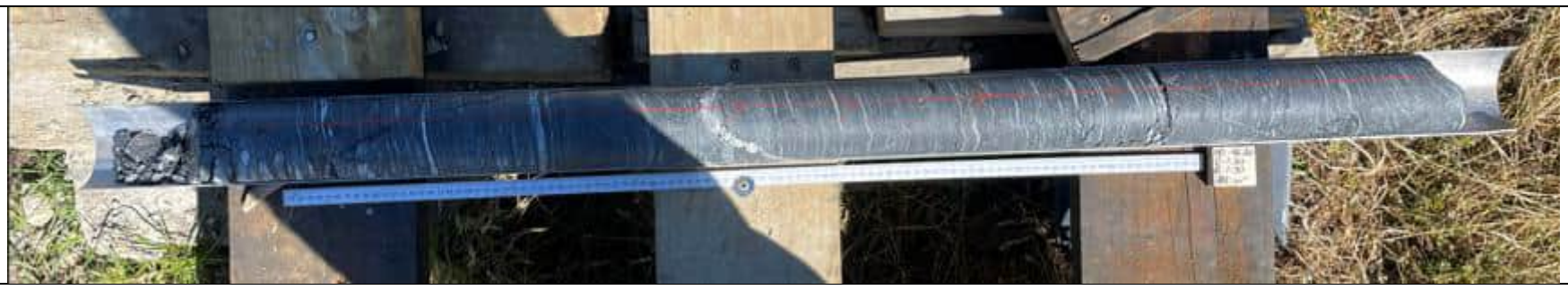


Depth: 42.9m – 43.8m

Client:	MATAKANUI GOLD LIMITED	**EGL Job No.**	9702		
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		Photograph By:	MGL	**Date:**	Mar 2026
Title:	**MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN**				



Depth: 43.8m – 45.3m



Depth: 45.3m – 46.8m



Depth: 46.8m – 48.3m



Depth: 48.3m – 49.8m



Depth: 49.8m – 51.3m



Depth: 51.3m – 52.6m



Depth: 52.6m – 54.1m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 54.1m – 55.65m



Depth: 55.65m – 57.15m



Depth: 57.15m – 58.7m



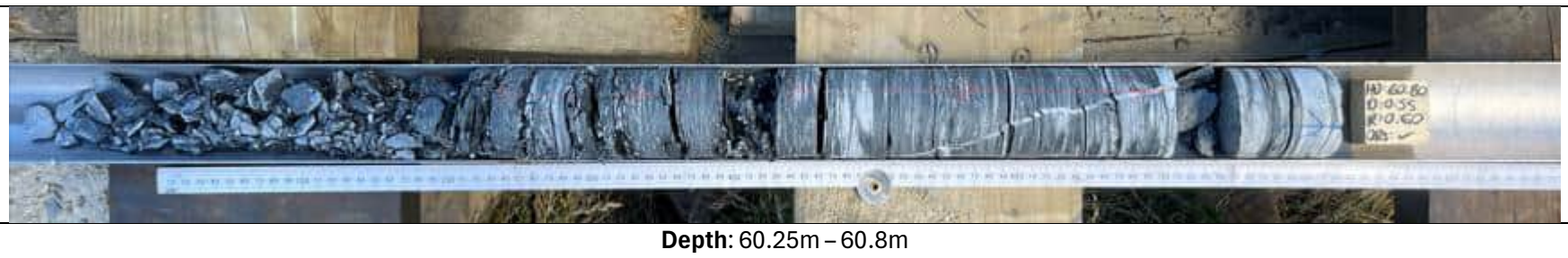
Depth: 58.7m – 59.7m



Depth: 59.7m – 60.25m



Depth: 60.8m – 61.8m



Depth: 60.25m – 60.8m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 61.8m – 63.15m



Depth: 63.15m – 64.7m



Depth: 64.7m – 65.2m



Depth: 65.2m – 66.7m

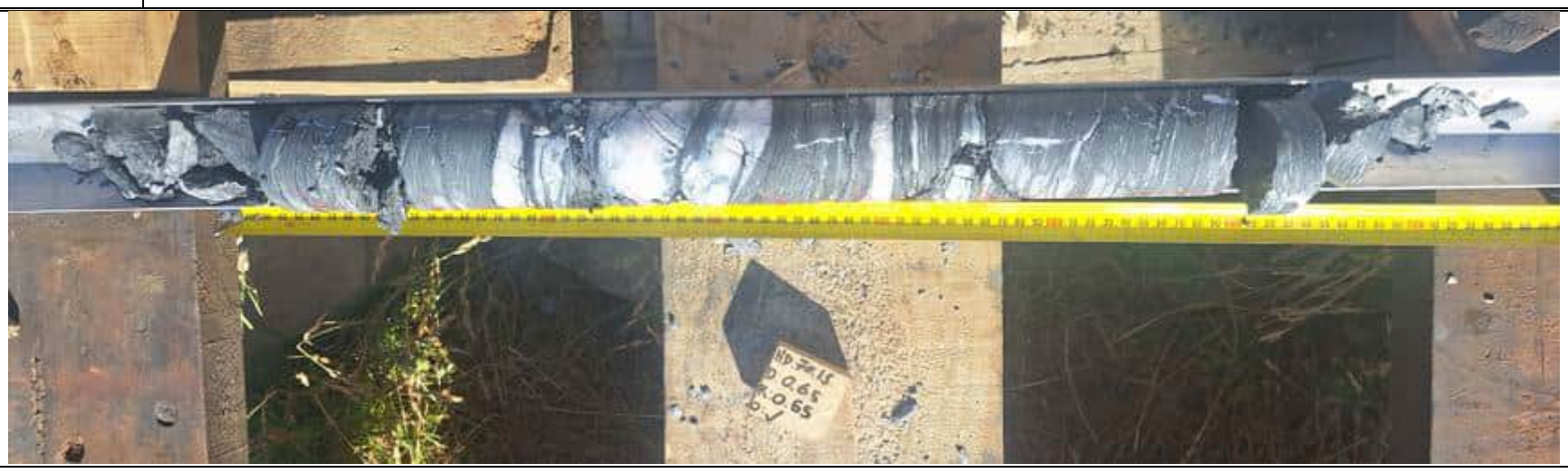


Depth: 66.7m – 66.8m



Depth: 66.8m – 69.5m

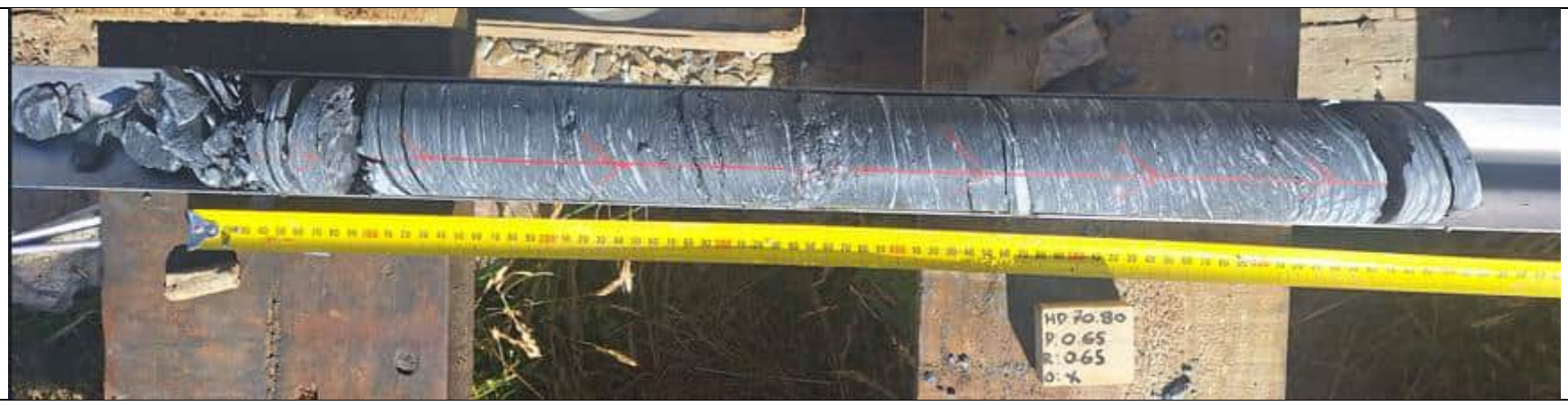
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
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Depth: 69.5m – 70.15m



Depth: 70.8m – 71.5m



Depth: 70.15m – 70.8m

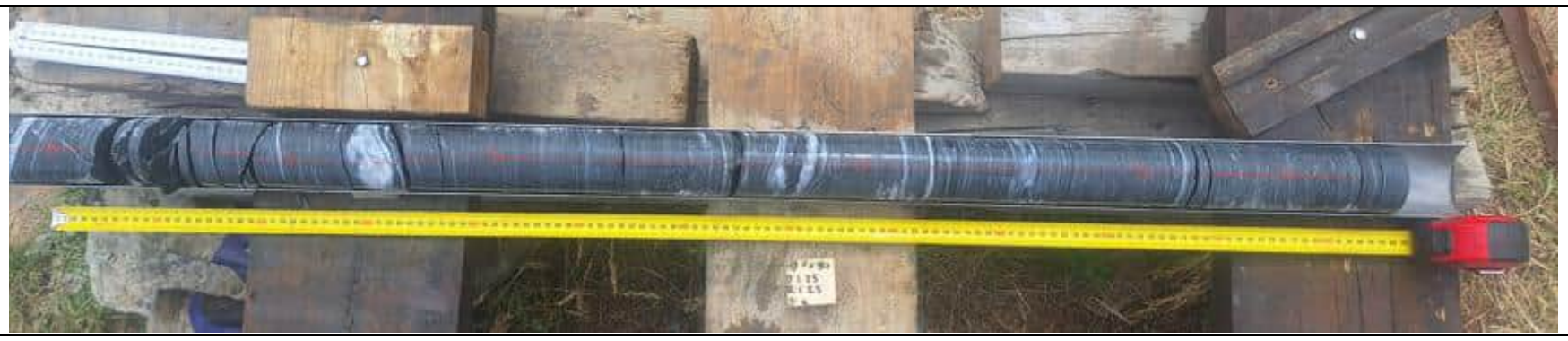


Depth: 71.5m – 72.15m

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Depth: 72.15m – 73.55m



Depth: 73.55m – 74.8m



Depth: 74.8m – 76.3m



Depth: 76.3m – 77.8m



Depth: 77.8m – 79.3m (1)



Depth: 79.3m – 80.8m

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		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 80.8m – 81.35m



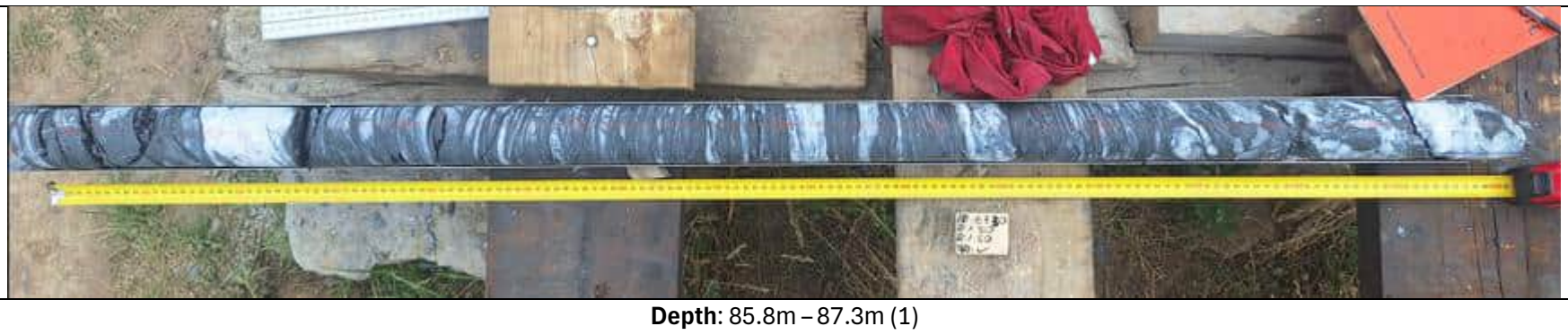
Depth: 81.35m – 82.8m (1)



Depth: 82.8m – 84.3m (1)



Depth: 84.3m – 85.8m (1)



Depth: 85.8m – 87.3m (1)



Depth: 87.3m – 88.8m (1)

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Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 88.8m – 89.4m



Depth: 89.4m – 90.75m (1)



Depth: 90.75m – 91.7m (1)

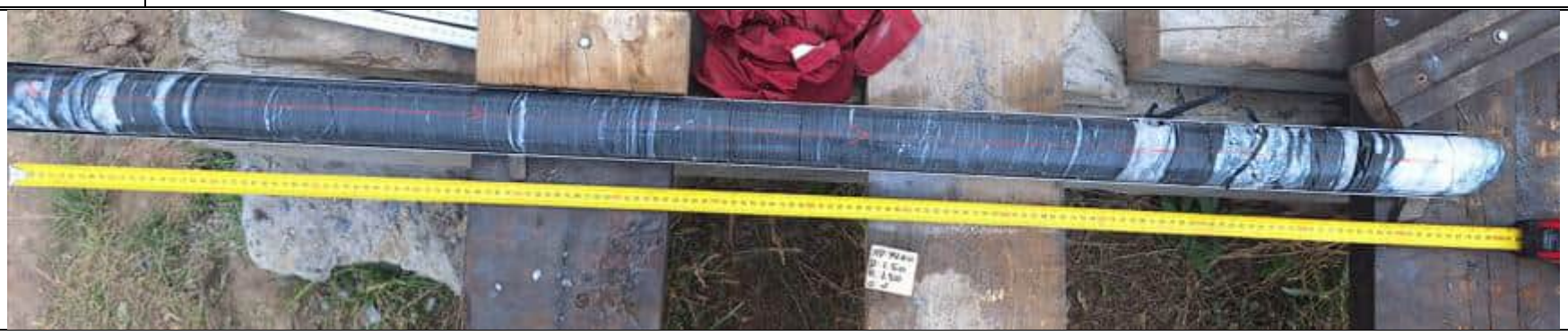


Depth: 91.7m – 92.4m



Depth: 92.4m – 92.8m

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Title:	MDD493 - A3 - SPLIT PHOTOGRAPHS PER RUN				



Depth: 92.8m – 94.4m (1)



Depth: 94.4m – 95.75m (1)



Depth: 95.75m – 97.25m (1)



Depth: 97.25m – 98.8m



Depth: 98.8m – 100.0m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By:	SMI / Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 0.0m - 1.8m



Depth: 1.8m - 3.85m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



sDepth: 3.85m - 5.6m



Depth: 5.6m - 7.4m

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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

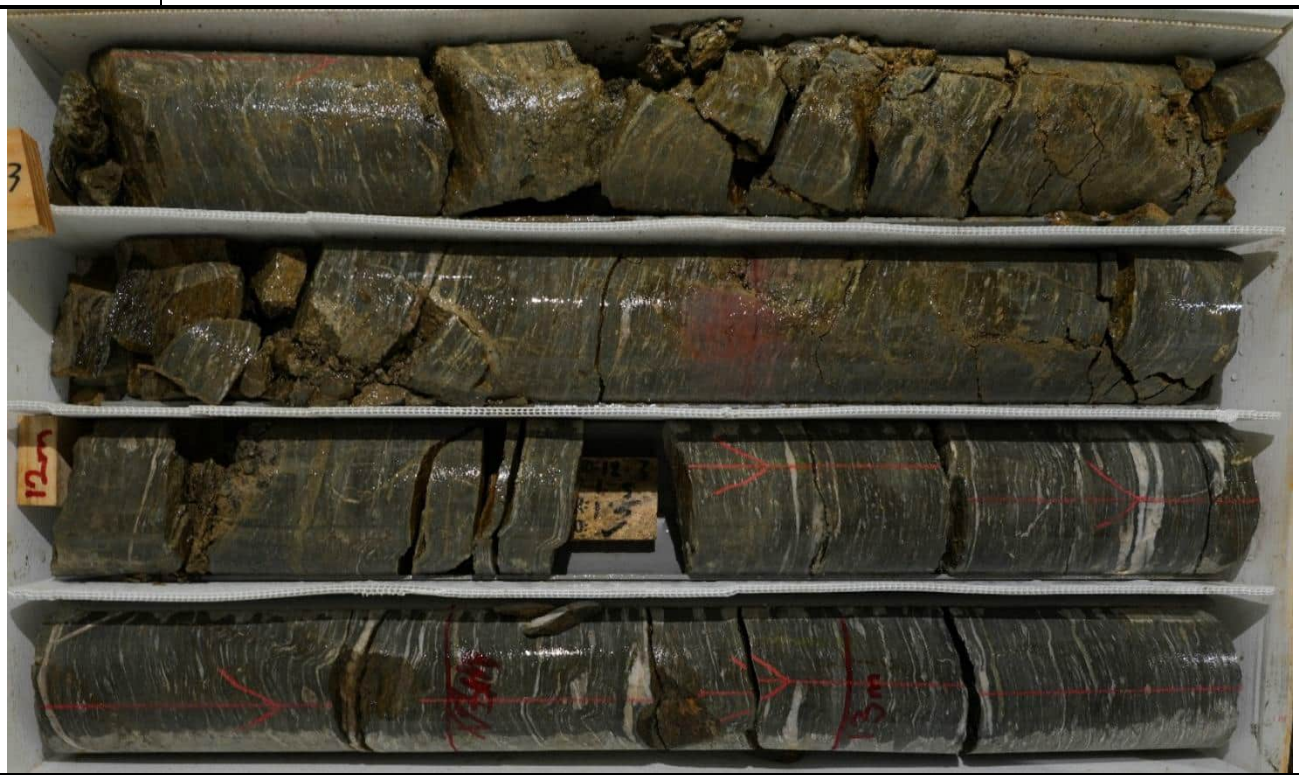


Depth: 7.4m - 9.3m



Depth: 9.3m - 11.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 11.0m - 13.2m



Depth: 13.2m - 15.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

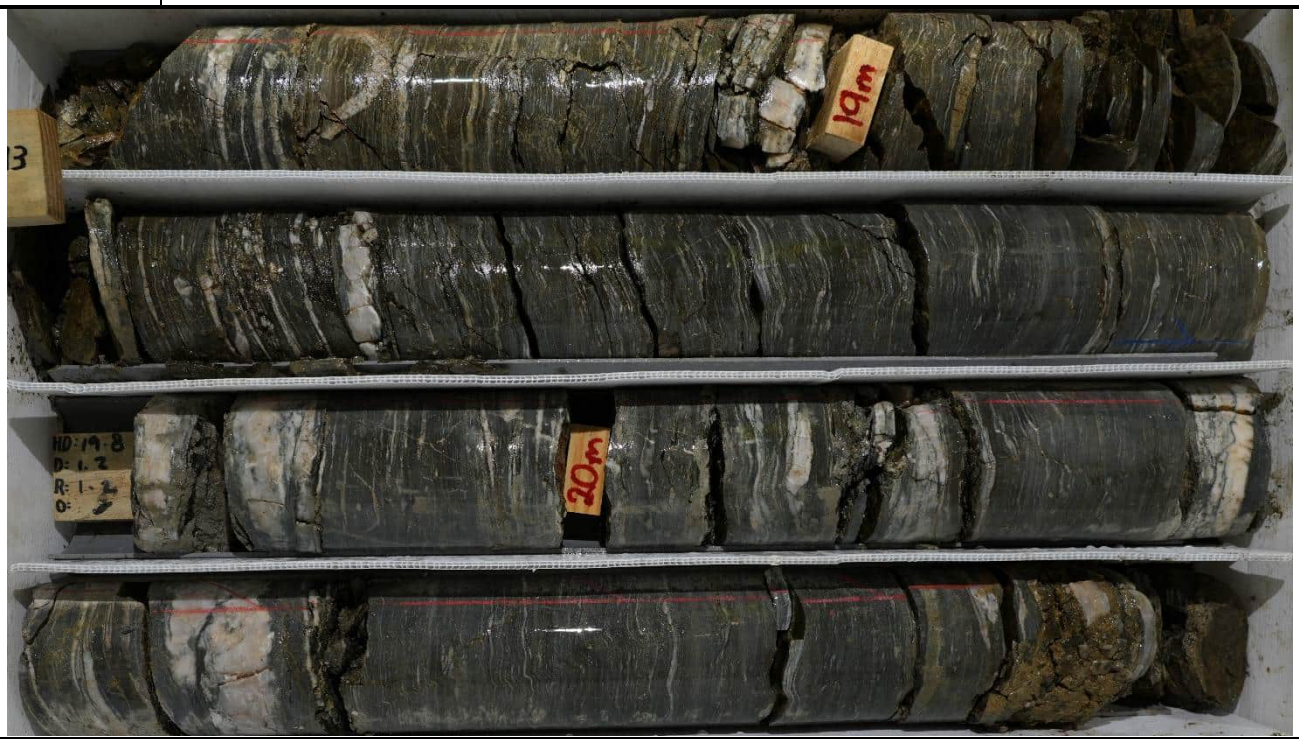


Depth: 15.0m - 16.8m



Depth: 16.8m - 18.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 18.8m - 21.0m



Depth: 21.0m - 22.6m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 22.6m - 24.4m



Depth: 24.4m - 25.9m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

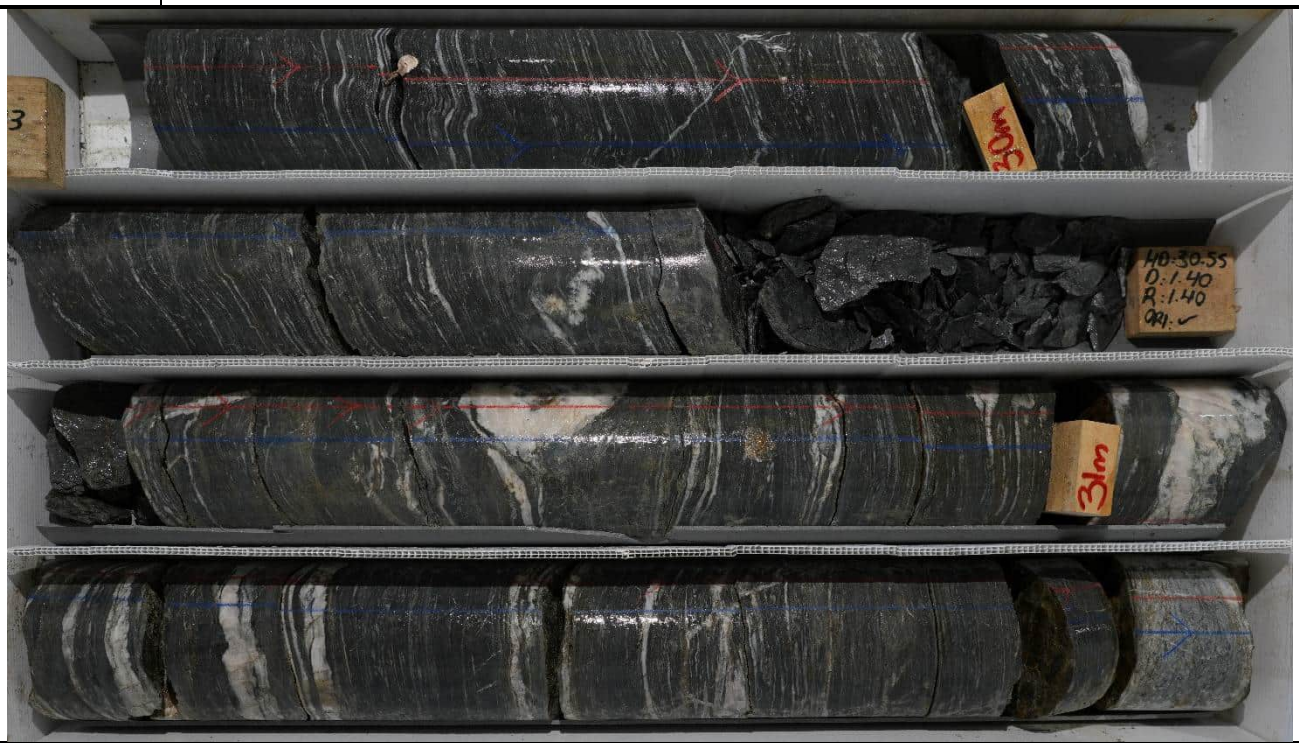


Depth: 25.9m - 27.65m

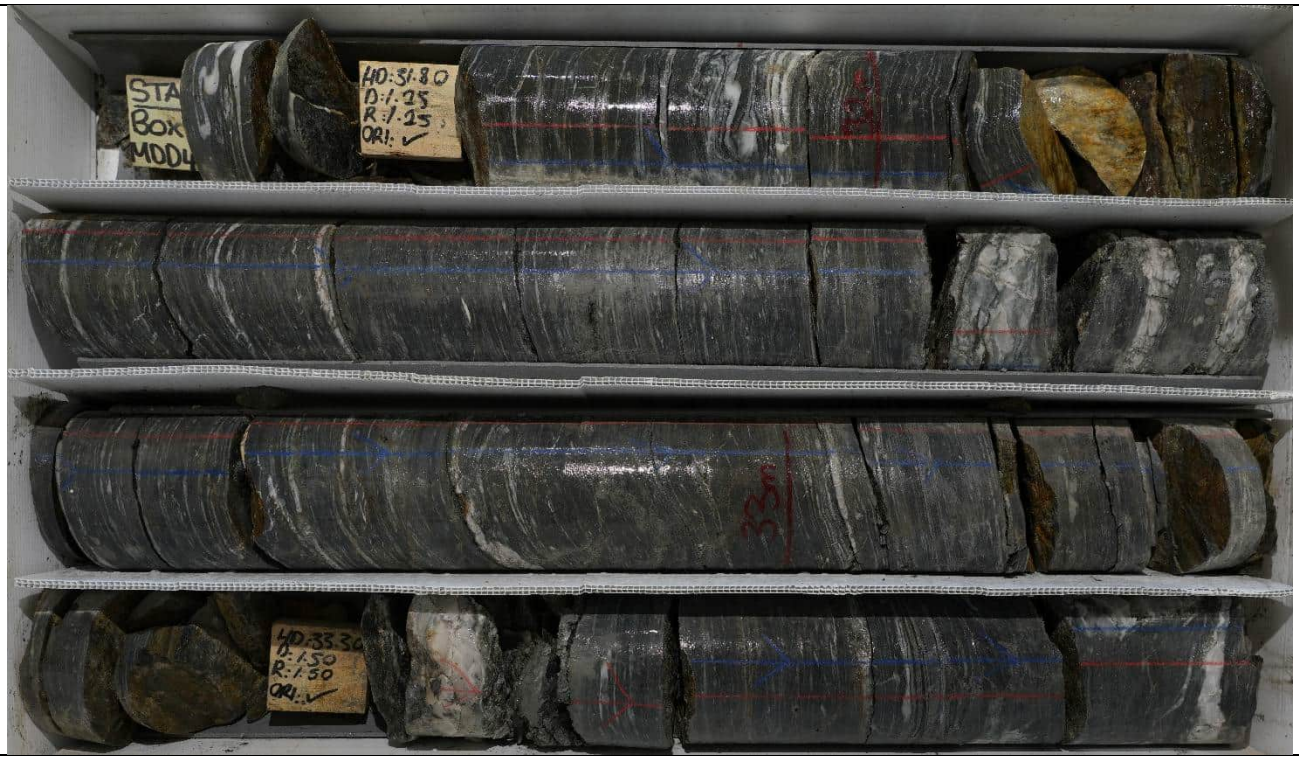


Depth: 27.65m - 29.65m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

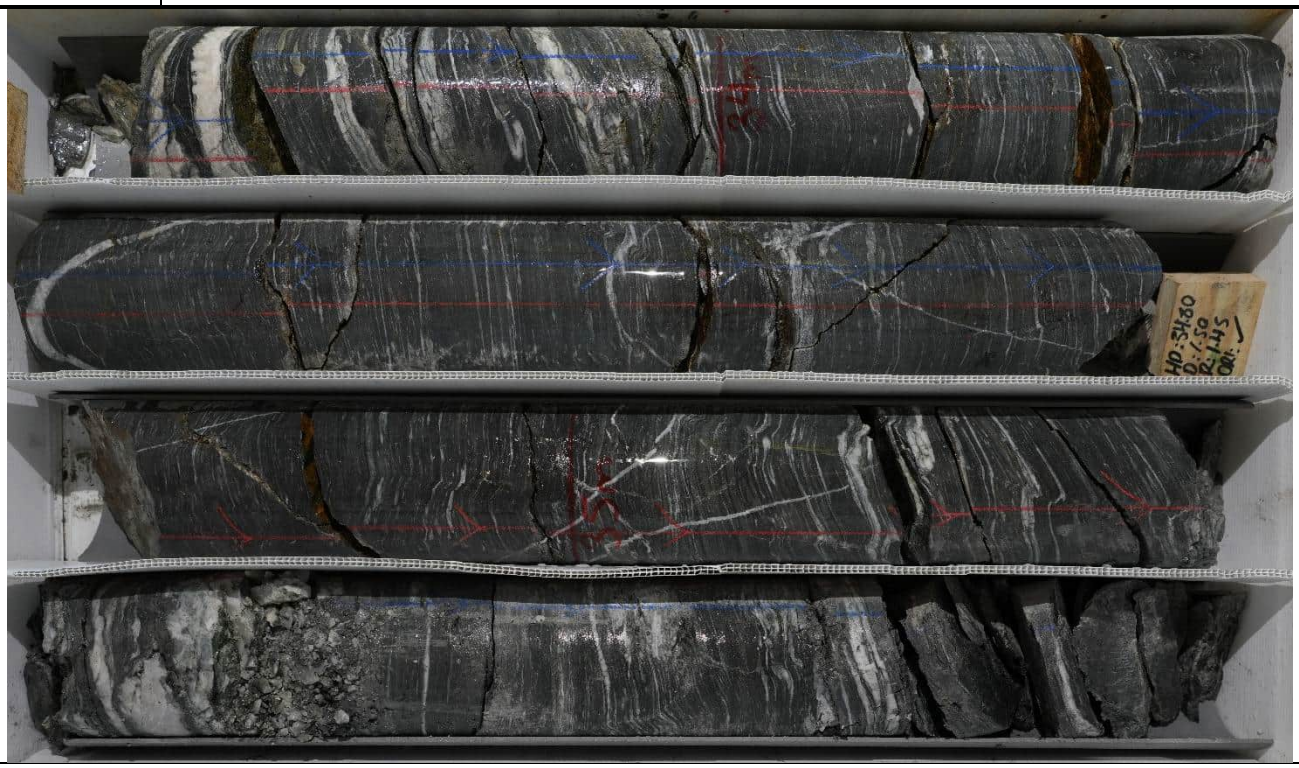


Depth: 29.65m - 31.7m



Depth: 31.7m - 33.7m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By:	SMI / Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

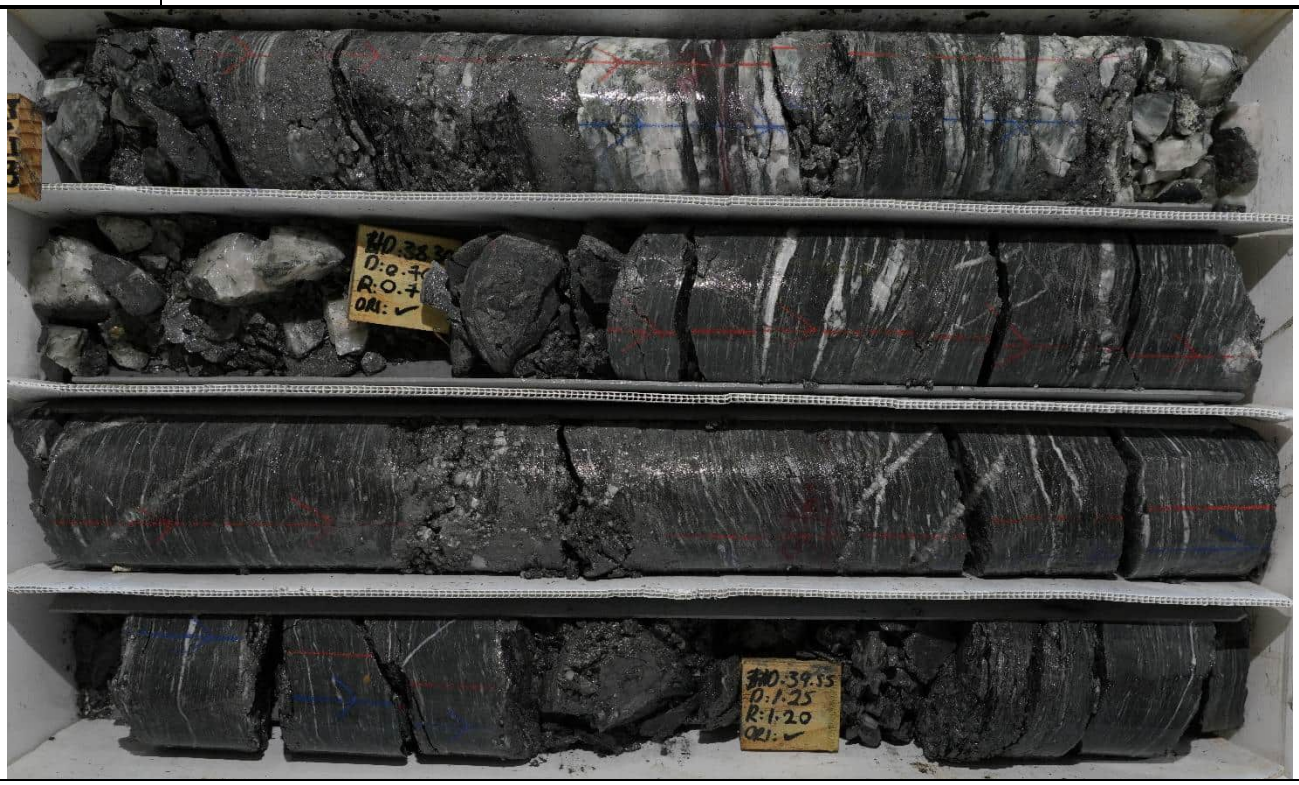


Depth: 33.7m - 35.8m



Depth: 35.8m - 37.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 37.8m - 39.75m



Depth: 39.75m - 41.7m

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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 41.7m - 43.65m

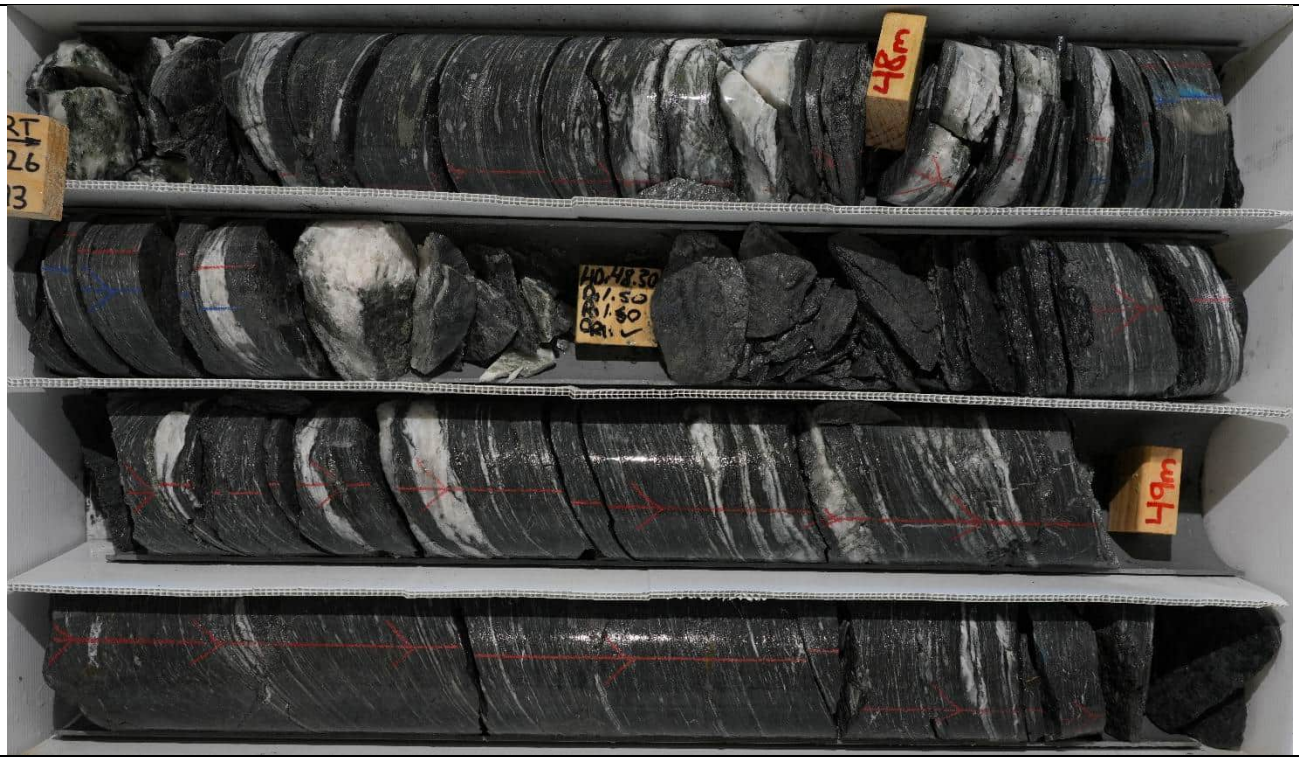


Depth: 43.65m - 45.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 45.45m - 47.8m



Depth: 47.8m - 49.5m

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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 49.5m - 51.4m

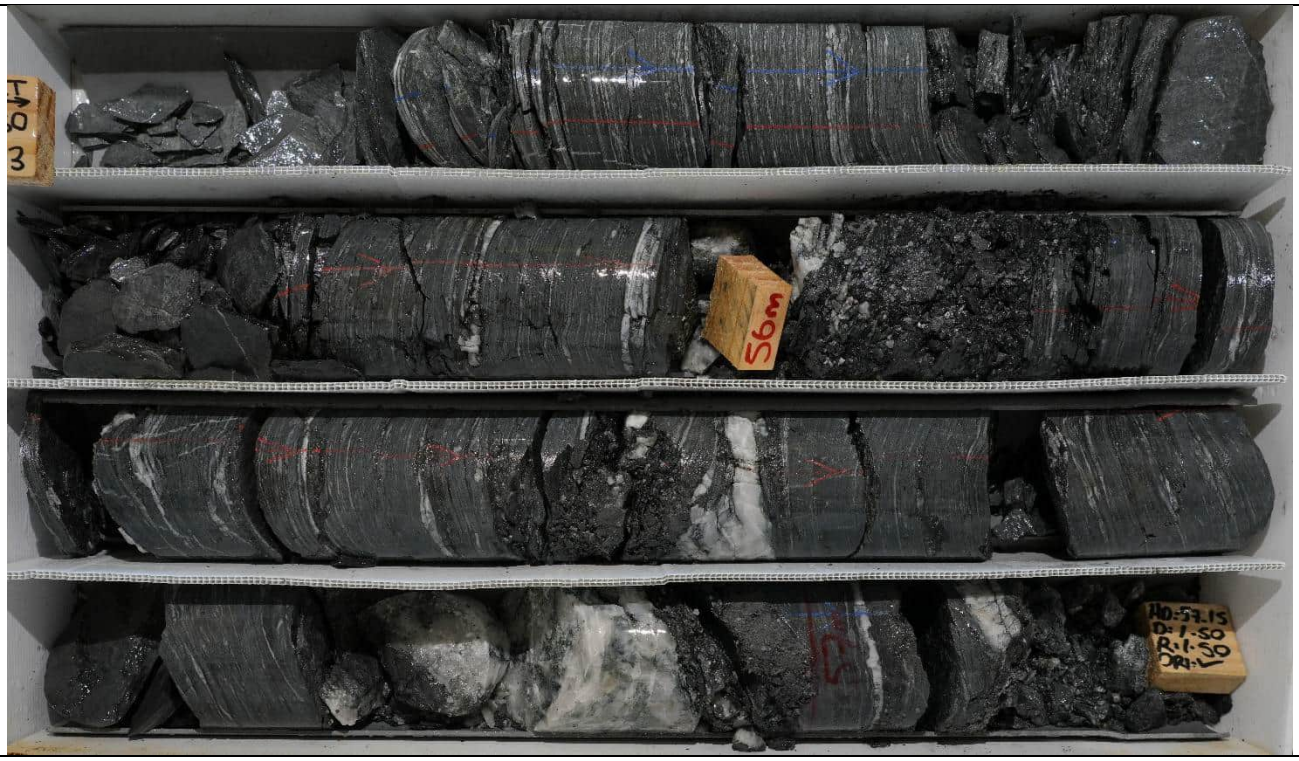


Depth: 51.4m - 53.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

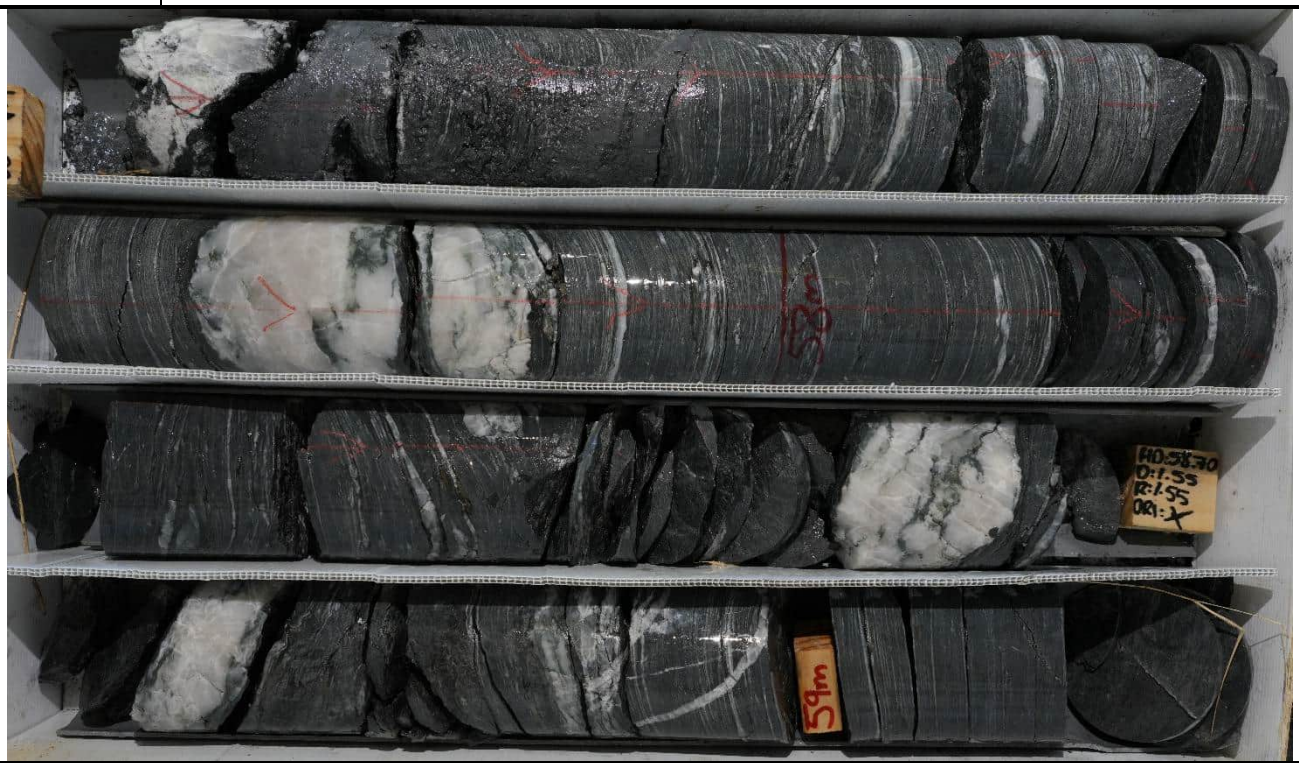


Depth: 53.3m - 55.25m



Depth: 55.25m - 57.15m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By: SMI	Date: Jan 2026
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Depth: 57.15m - 59.2m



Depth: 59.2m - 61.2m

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Depth: 61.2m - 63.65m



Depth: 63.65m - 66.35m

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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 66.35m - 68.8m

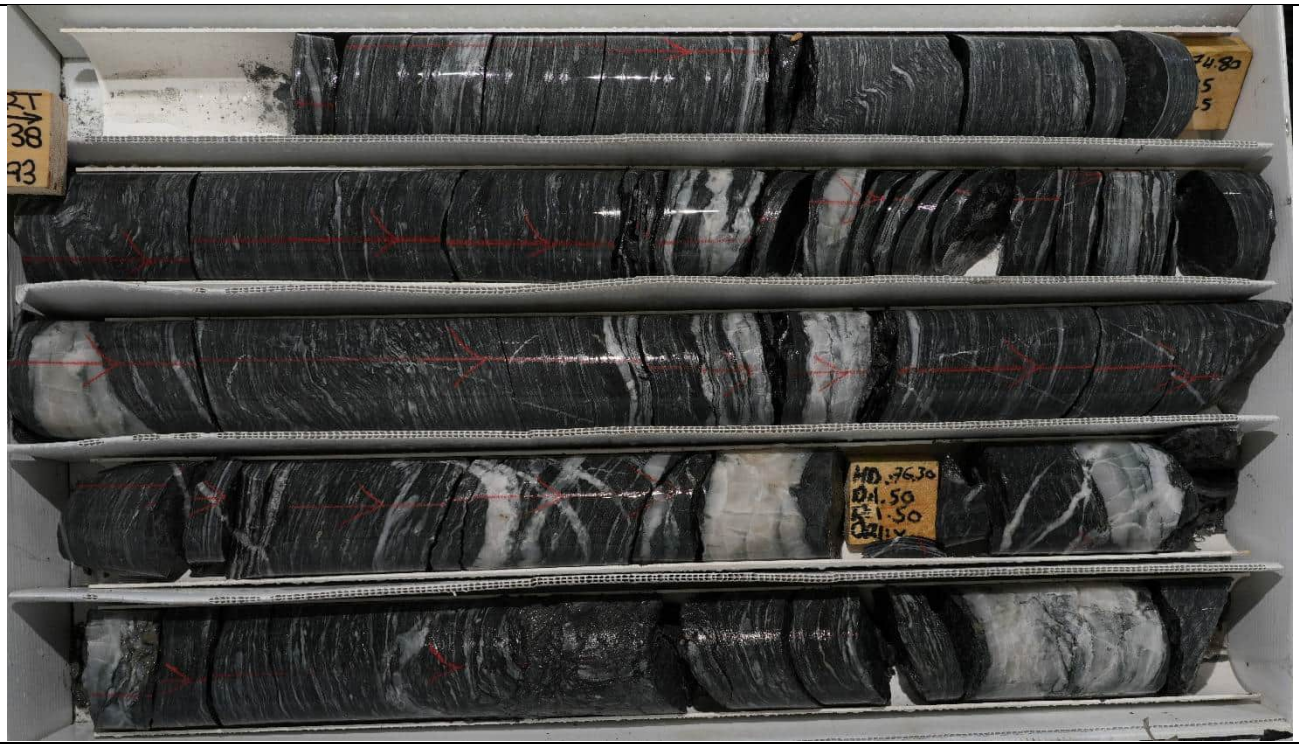


Depth: 68.8m - 71.75m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 71.75m - 74.4m

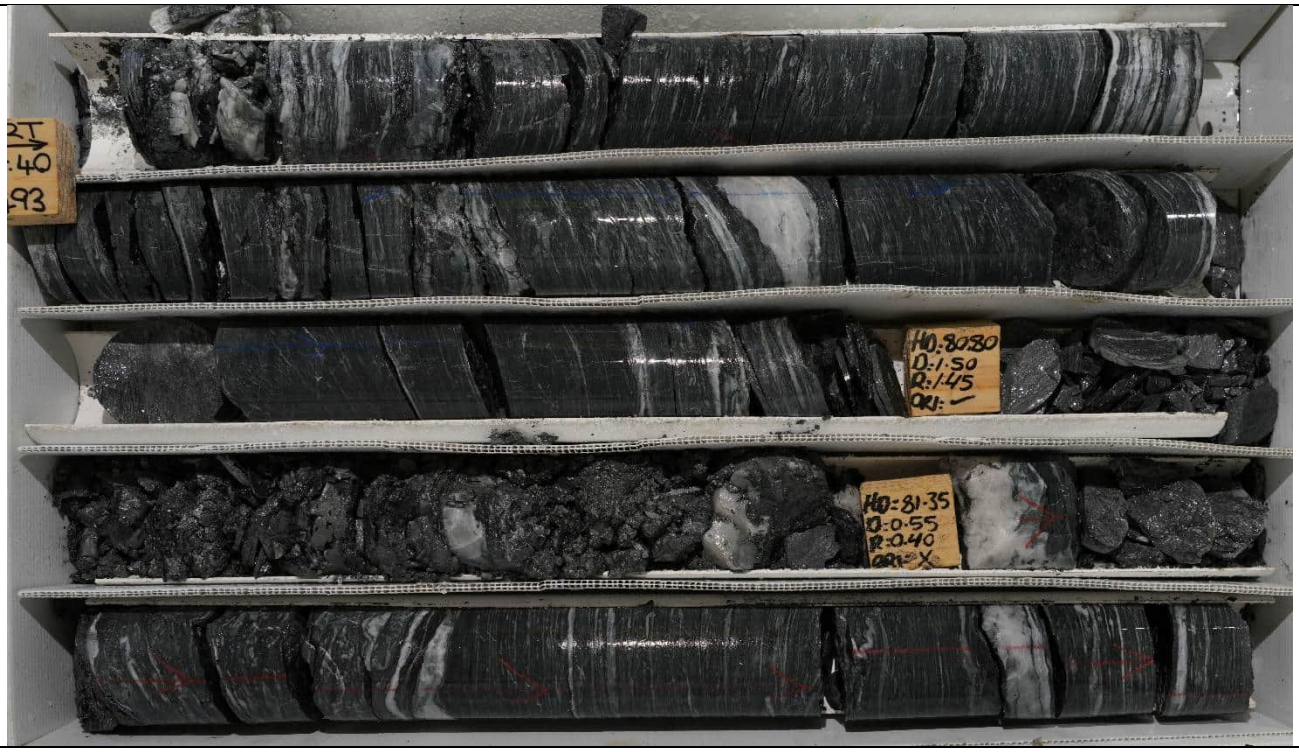


Depth: 74.4m - 77m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

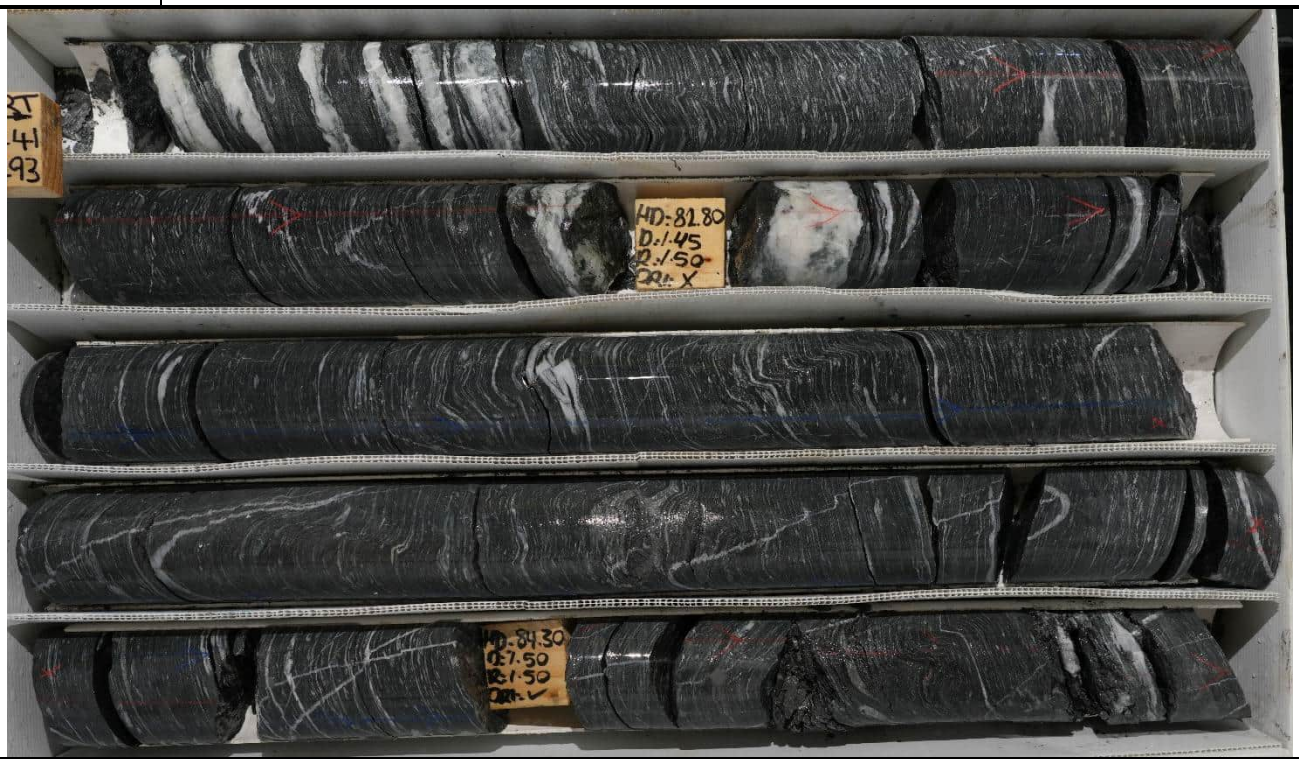


Depth: 77m - 79.5m



Depth: 79.5m - 82.05m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

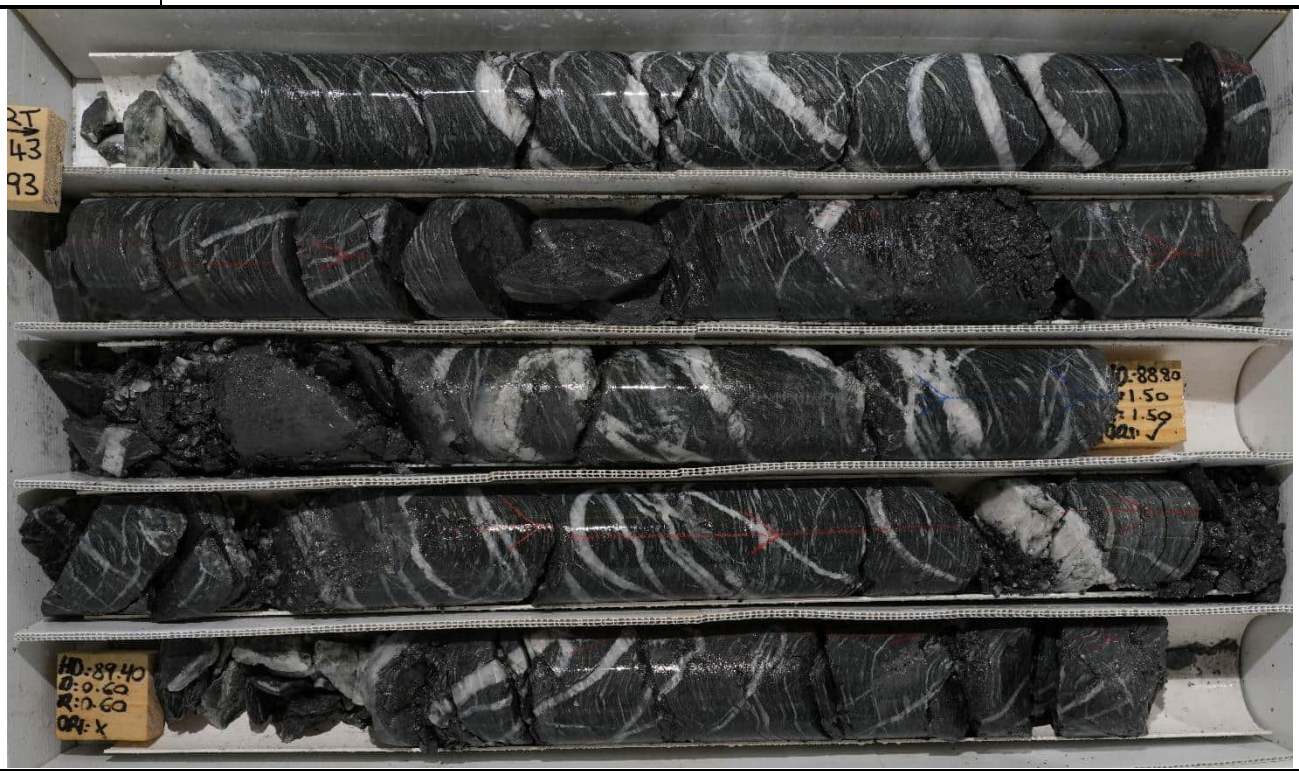


Depth: 82.05m - 84.6m



Depth: 84.6m - 87.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

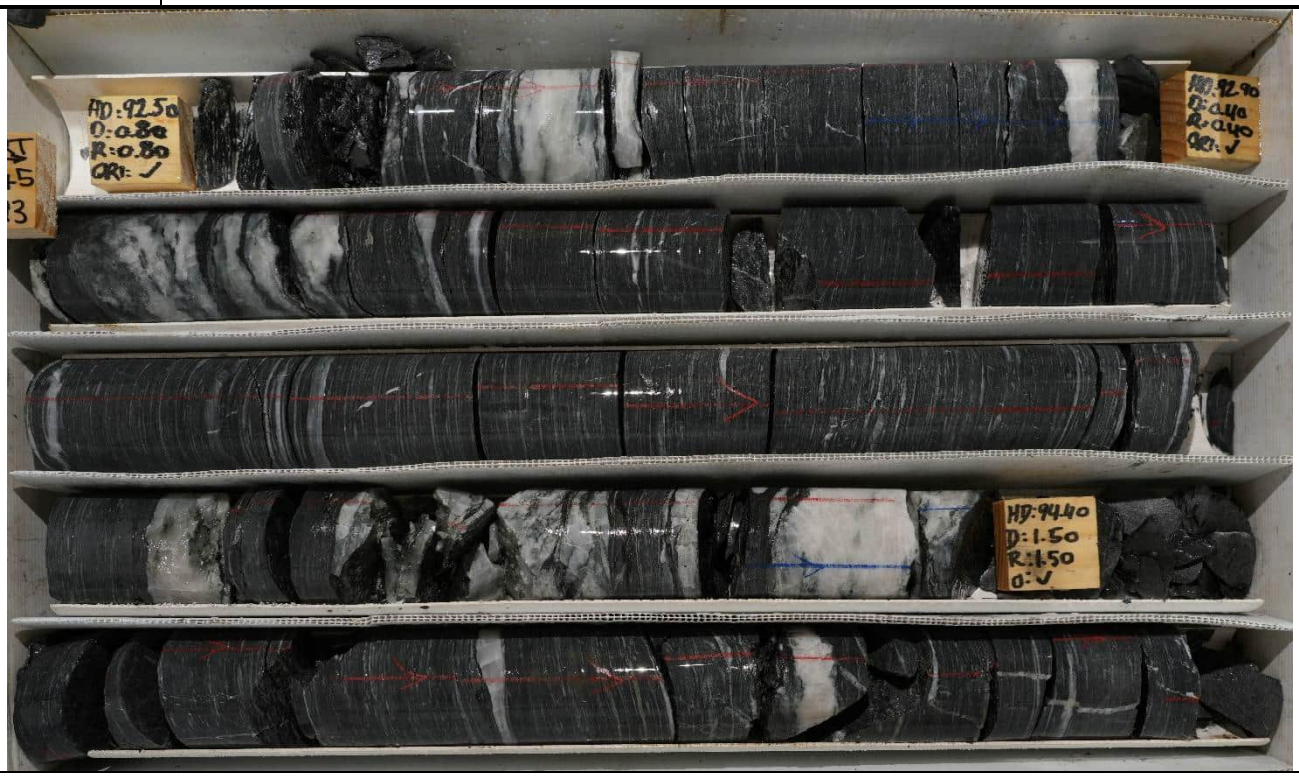


Depth: 87.3m - 89.8m



Depth: 89.8m - 92.4m

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		Photograph By: SMI	Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		

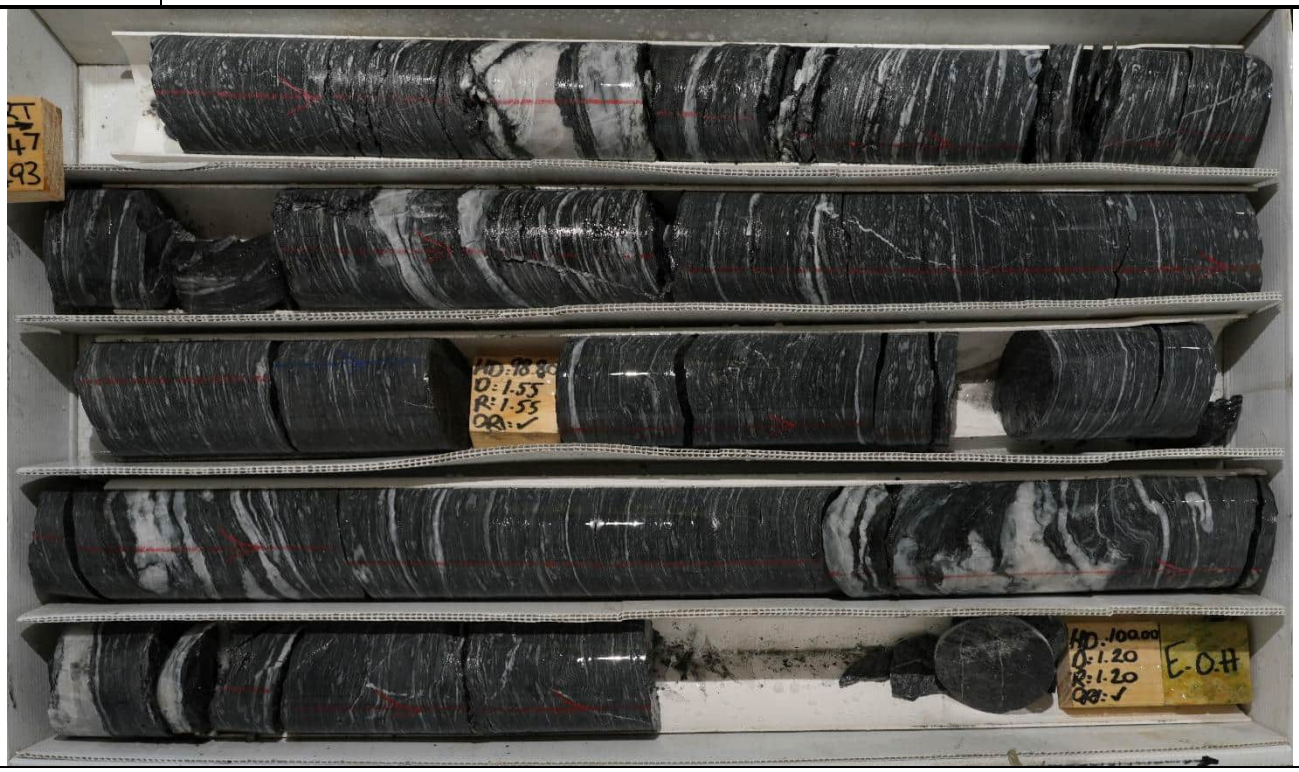


Depth: 92.4m - 95m



Depth: 95m - 97.55m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Landslide 1
		Photograph By:	SMI / Date: Jan 2026
Title:	MDD493 - CORE PHOTOGRAPHS		



Depth: 97.55m - 100m

PROCESS PLANT BOREHOLES

MDD498, MDD499, MDD500, MDD503, MDD505, MDD508, MDD510, MDD511, MDD512

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PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD498

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316904.4 North 5018627.5
GRID: NZGD 2000

RL GROUND: 431.1
DATUM: NZVD 2016

HOLE STARTED: 28/01/2026
HOLE FINISHED: 30/01/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Topsoil.		431								0.45 SPT	0				N = 19 (S) 0.00m
	Sandy SILT. Fine to medium sand. Brown. Loose, Moist, Non-plastic.															
	Silty SAND some gravels. Sand, fine to coarse. Gravels, fine to medium, rounded to subangular. Brown. Loose, Moist, Non-plastic.															N = 21 (S) 0.50m
					Standard penetration test -sample 0.5 - 1.0m 20.5% Fines											
	Washed gravels recovered.	1														
	Silty SAND some gravels. Sand, fine to coarse. Gravels, fine to medium, rounded to subangular. Dark brown. Medium dense, Moist, Non-plastic.		430													N = 10 (S) 1.00m
																N = 25 (S) 1.50m
					Standard penetration test -sample 1.5 - 2.0m 28.6% Fines											
		2	429													N = 16 (S) 2.00m
					Standard penetration test -sample 2.0 - 2.5m 10.2% Fines											
	Gravelly SAND some sand. Sand, fine to coarse. Gravels, fine to medium, rounded to subangular. Brown. Loose, Moist, Non-plastic.															N = 23 (S) 2.50m 3, 3 , 5, 7, 5, 6
	Sandy CLAY minor gravel. Fine to medium sand. Gravel, fine, subrounded to subangular. Grey. Very stiff, Moist, Moderate Plasticity.	3	428											Groundwater Not Encountered		N = 30 (S) 3.00m 6, 8 , 8, 7, 7, 8
					Standard penetration test -sample 3.0 - 3.5m 18.2% Fines											
																N = 35 (S) 3.50m 5, 6 , 10, 9, 8, 8
		4	427													N = 38 (S) 4.00m 14, 10 , 12, 9, 9, 8
					Standard penetration test -sample 4.0 - 4.5m 16.7% Fines											
																N = 26 (S) 4.50m 2, 5 , 6, 6, 7, 7

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:22 pm - Produced with Core-GS by Geroc

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info@egl.co.nz
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www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD498

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316904.4 North 5018627.5
GRID: NZGD 2000
RL GROUND: 431.1
DATUM: NZVD 2016
HOLE STARTED: 28/01/2026
HOLE FINISHED: 30/01/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Completely weathered orange and grey Schist. Extremely Weak. breaks down with a scraper to fine tabular gravel and silt		426		Standard penetration test -sample 5.0 - 5.5m 15.4% Fines		CW	EW			0.45 SPT	0				N = 25 (S) 5.00m 1, 1 , 1, 1, 9, 14
	Highly weathered orange and grey Schist. Weak. Recovered as rock fragments. Very closely spaced Fractures, Fracture spacing based on size of rock pieces recovered, orientation not recovered.						HW	W			0.35 TTPQ	0				
	GRAVEL. Fine tabular schist. Grey. Loose, Moist, Non-plastic.										0.20 TTPQ	0				
	Completely weathered orange and grey Schist. Extremely Weak. breaks down with a scraper to fine tabular gravel and silt	6	425				CW	EW			0.45 SPT	0				N = 11 (S) 6.00m 1, 1 , 2, 2, 3, 4
	Core loss.			C/L C							0.15 TTPQ	0				
	Highly weathered orange and grey Pelitic Schist. Weak. recovered as rock fragments	7	424				HW	W			0.40 TTPQ	0				
	Moderately weathered grey Pelitic Schist. Moderately Strong. Very closely spaced Fractures, Fracture spacing based on size of rock pieces recovered, orientation not recovered.										0.45 SPT	0				N = 50+ (S) 7.00m 5, 6 , 7, 11, 13, 21
		8	423				MW	MS			0.30 TTPQ	0				N = 50+ (S) 8.00m 8, 20 , 30, 21
											0.20 TTPQ	0				
											0.25 SPT	0				
	Slightly weathered grey Pelitic Schist. Moderately Strong. Very closely spaced Fractures, Fracture spacing based on size of rock pieces recovered, orientation not recovered.	9	422				SW				0.75 TTPQ	0				N = 50+ (S) 9.00m 4, 10 , 24, 27
											0.30 SPT	0				
											0.10 TTPQ	0				
											0.40 TTPQ	0				
											1.00	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:22 pm - Produced with Core-GS by Geroc

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PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD498

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316904.4 North 5018627.5
GRID: NZGD 2000
RL GROUND: 431.1
DATUM: NZVD 2016
HOLE STARTED: 28/01/2026
HOLE FINISHED: 30/01/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Slightly weathered grey Pelitic Schist. Moderately Strong. Very closely spaced Fractures, Fracture spacing based on size of rock pieces recovered, orientation not recovered.	11 12	421 420 419				SW	MS			1.00 TTPQ 1.30 TTPQ 0.40 TTPQ	0 0 0		Groundwater Not Encountered		

EOH: 12.50 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:22 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	**EGL Job No.**	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	**Location:**	Processing Plant MDD498
		Photograph By: MGL	**Date:** Feb 2026
Title:	**MDD498 - CORE BOX PHOTOGRAPHS**		



Depth: 0.0m - 1.4m



Depth: 1.4m – 2.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 - CORE BOX PHOTOGRAPHS		



Depth: 2.0m – 3.0m



Depth: 3.0m – 4.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 - CORE BOX PHOTOGRAPHS		



Depth: 4.0m – 5.0m



Depth: 5.0m – 6.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 - CORE BOX PHOTOGRAPHS		



Depth: 6.0m – 7.8m



Depth: 7.8m – 9.4m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 - CORE BOX PHOTOGRAPHS		



Depth: 9.4m – 11.2m



Depth: 11.2m - 12.5m

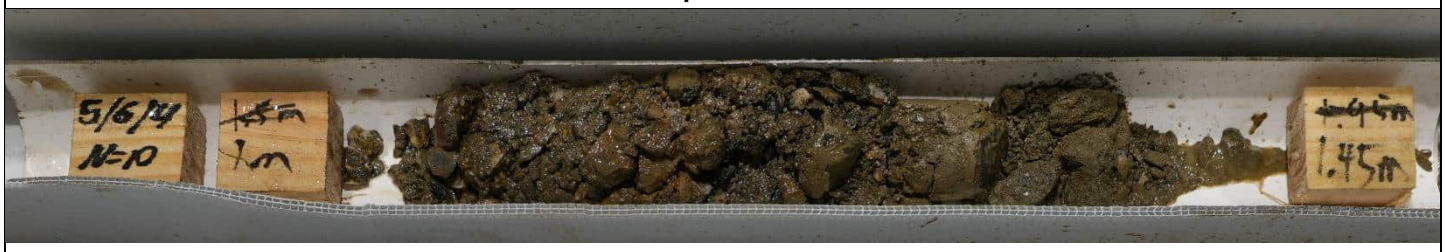
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD498
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m



Depth: 2.0m

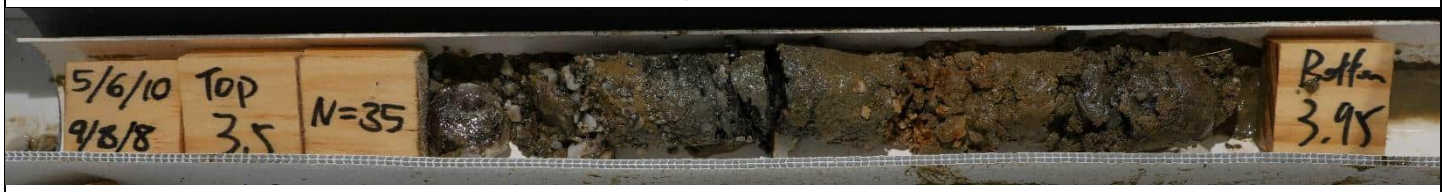


Depth: 2.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Processing Plant MDD498
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 – SPT PHOTOGRAPHS		



Depth: 3.0m



Depth: 3.5m



Depth: 4.0m



Depth: 4.5m



Depth: 5.0m



Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD498 – SPT PHOTOGRAPHS		

Depth: 6.0m



Depth: 7.0m



Depth: 8.0m



Depth: 9.0m

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ROCK LOG

DRILLHOLE No.: MDD499

SHEET 1 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000

RL GROUND: 430.3
DATUM: NZVD 2016

HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Topsoil, organic silt. Dark brown			TS							0.45 SPT	0				N = 15 (S) 0.00m 3, 2 , 3, 3, 3, 3
	Clayey SILT minor fine sand. Brown. Very Stiff, Moist, Moderate Plasticity.		430													
	Sandy SILT minor clay trace organics. Sand, fine. Brown. Stiff, Moist, Low Plasticity. Reacts with acid.				Standard penetration test -sample 0.5 - 1.0m 26.5% Fines						0.45 SPT	0				N = 8 (S) 0.50m 2, 3 , 2, 2, 2, 2
	Sandy SILT minor clay. Sand, fine. Brown. Stiff, Moist, Low Plasticity. Sub-horizontal white relic veins of acid reacting material.	1	429								0.45 SPT	0				N = 16 (S) 1.00m 2, 2 , 3, 4, 4, 5
											0.45 SPT	0				N = 9 (S) 1.50m 2, 1 , 1, 2, 2, 4
	Sandy CLAY minor gravel. Sand, fine. Gravel, fine angular highly weathered schist. Grey, white and orange. Hard, Moist, Moderate Plasticity. Reacts with acid.				Standard penetration test -sample 1.5 - 2.0m 30.5% Fines						0.45 SPT	0				
	Sandy GRAVEL minor clay. Sand, fine. Gravel, fine angular highly weathered schist. Dark brown, orange and grey. Dense, Moist, Non-Plastic.	2	428								0.45 SPT	0				N = 13 (S) 2.00m 2, 3 , 2, 2, 2, 2
					Standard penetration test -sample 2.0 - 2.5m 13.3% Fines						0.45 SPT	0				
	Clayey GRAVEL minor sand trace cobble. Sand, fine. Gravel, fine to coarse, angular and tabular highly weathered schist. Cobbles up to 75mm across, moderately weathered, quartz rich schist. Dark brown, orange and grey. Very Dense, Moist, Non-Plastic.										0.45 SPT	0				N = 25 (S) 2.50m 3, 4 , 4, 9, 8, 4
		3									0.45 SPT	0				N = 22 (S) 3.00m 4, 4 , 5, 5, 6, 6
			427		Standard penetration test -sample 3.0 - 3.5m 19.1% Fines						0.45 SPT	0				
											0.45 SPT	0				N = 27 (S) 3.50m 4, 9 , 6, 6, 8, 7
		4									0.45 TTPQ	0				N = 25 (S) 4.00m 5, 6 , 7, 6, 6, 6
			426								0.45 SPT	0				N = 19 (S) 4.50m 2, 3 , 5, 5, 5, 4
	Sandy GRAVEL minor clay trace cobble. Sand, fine. Gravel, fine to coarse, angular and tabular highly weathered schist. Cobbles up to 75mm across, moderately weathered, quartz rich schist. Dark brown, orange and grey. Very Dense, Moist, Non-Plastic.				Standard penetration test -sample 4.5 - 5.0m 21.6% Fines											

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
Engineering Geology Ltd
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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD499

SHEET 2 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000
RL GROUND: 430.3
DATUM: NZVD 2016
HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Completely weathered orange, brown and grey Schist. Extremely Weak. Foliation preserved, sub-vertictal, breaks easily along foliation	6	425				CW	EW			0.45 SPT	0				N = 20 (S) 5.00m 3, 3 , 3, 4, 5, 8
											0.55 TTPQ	0				
	Completely weathered Grey Schist. Extremely Weak.	7	424								0.35 SPT	0				N = 50+ (S) 6.00m 6, 14 , 15, 21, 14
	Completely weathered orange, brown and grey Schist. Extremely Weak. Foliation preserved, sub-vertictal, breaks easily along foliation										0.65 TTPQ	0				
	Gravelly CLAY. Gravel, fine to medium, angular and tabular grey schist. Grey. Hard, Moist, High Plasticity.	8	423								0.45 SPT	0				N = 26 (S) 7.00m 6, 6 , 6, 7, 6, 7
											0.55 TTPQ	0		Groundwater Not Encountered		
		9	422								0.45 SPT	0				N = 25 (S) 8.00m 5, 6 , 5, 6, 6, 5
											0.55 TTPQ	0				
			421								0.45 SPT	40				N = 42 (S) 9.00m 6, 10 , 8, 10, 11, 13
											0.55 TTPQ	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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ROCK LOG

DRILLHOLE No.: MDD499

SHEET 3 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000
RL GROUND: 430.3
DATUM: NZVD 2016
HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description | **Rock Defects** | **Drilling & Testing**

GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Gravelly CLAY. Gravel, fine to medium, angular and tabular grey schist. Grey. Hard, Moist, High Plasticity.	11	420								0.45 SPT	0				N = 46 (S) 10.00m 8, 11 , 11, 12, 11, 12
											0.55 TTPQ	0				
			419								0.45 SPT	0				N = 50+ (S) 11.00m 8, 9 , 11, 12, 15, 12
	Highly weathered Grey Pelitic Schist. Weak. Foliation very steeply inclined.						HW	W			0.35 TTPQ	45				
	Gravelly CLAY. Gravel, fine to medium, angular and tabular grey schist. Grey. Hard, Moist, High Plasticity.	12									0.20 TTPQ	0				
			418								0.40 SPT	0				N = 50+ (S) 12.00m 6, 8 , 15, 15, 20
											0.50 TTPQ	0				
		13									0.10 TTPQ	0				
			417								0.35 SPT	0				N = 50+ (S) 13.00m 14, 21 , 22, 23, 5
	Moderately weathered Grey Pelitic Schist. Strong. Closely spaced Fractures, Steeply inclined.						MW	S			0.15 TTPQ	0				
											0.50 TTPQ	70				
		14									0.65 TTPQ	0				
			416													
	Moderately weathered Grey Pelitic Schist. Very Weak.							VW			0.50	40				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

Engineering Geology Ltd
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info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD499

SHEET 4 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000

RL GROUND: 430.3
DATUM: NZVD 2016

HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description | **Rock Defects** | **Drilling & Testing**

GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Gravelly CLAY. Trace Cobbles. Gravel, fine to medium, angular and tabular grey schist. Cobble, up to 90mm, tabular, schist that breaks easily along foliation. Grey. Hard, Moist, High Plasticity.	16	415 414								0.50 TTPQ 0.35 TTPQ 0.35 TTPQ 0.55 TTPQ 0.65 TTPQ	40 0 0 0 0				
	Moderately weathered Grey Pelitic Schist. Weak. Closely spaced Fractures, Very steeply inclined.	17	413				MW W				0.45 TTPQ	40				
	Gravelly CLAY. Trace Cobbles. Gravel, fine to medium, angular and tabular grey schist. Cobble, up to 90mm, tabular, schist that breaks easily along foliation. Grey. Hard, Moist, High Plasticity. Some consistent subvertical foliation preserved throughout.															
	Highly weathered, Grey, Pelitic Schist. Very Weak. Foliation very steeply inclined to sub-vertical. Very closely spaced Fractures, Fracture spacing based on size of rock pieces recovered, orientation not recovered.	18	412				HW VW				0.60 TTPQ 0.50 TTPQ 0.45 TTPQ	0 0 0		Groundwater Not Encountered		
		19	411								0.35 TTPQ 0.30 TTPQ 0.45	0 0 0				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD499

SHEET 5 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000
RL GROUND: 430.3
DATUM: NZVD 2016
HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Highly weathered, Grey, Pelitic Schist. Very Weak. Foliation very steeply inclined to sub-vertical.	21	410				HW	VW			0.45 TTPQ	0				
											0.45 TTPQ	0				
											0.30 TTPQ	0				
			409								0.20 TTPQ	0				
											0.20 TTPQ	0				
											0.25 TTPQ	0				
											0.10 SPT	0				N = 50+ (S) 21.55m
		22									0.15 TTPQ	0				
											0.30 TTPQ	0				
	Completely weathered, Grey, Pelitic Schist. Extremely Weak. Breaks by hand to clayey gravel. Foliation preserved, very steeply inclined.		408				CW	EW			0.20 TTPQ	0				
											0.30 TTPQ	0				
	Moderately weathered, Grey, Pelitic Schist. Weak. Foliation moderately inclined.						MW	W								
	Highly weathered, Grey, Pelitic Schist. Very Weak. Foliation moderately inclined. Closely spaced Fractures, Steeply inclined.	23					HW	VW			0.45 TTPQ	0				
			407								0.35 TTPQ	0				
	Moderately weathered, Grey, Pelitic Schist. Weak. Foliation very steeply inclined. Closely spaced Fractures, Steeply inclined.						MW	W			0.50 TTPQ	24				
		24									0.40 TTPQ	35				
			406								0.40 TTPQ	37				
											0.30 TTPQ	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD499

SHEET 6 OF 6

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316886.0 North 5018627.3
GRID: NZGD 2000
RL GROUND: 430.3
DATUM: NZVD 2016
HOLE STARTED: 06/02/2026
HOLE FINISHED: 10/02/2026
HOLE DEPTH: 26.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Moderately weathered, Grey, Pelitic Schist. Weak. Foliation very steeply inclined.		405	C/L			MW	W			0.40 TTPQ	0		Groundwater Not Encountered		
	Core loss															
	Gravelly CLAY. Gravel, fine to medium, angular and tabular grey schist.. Grey. Hard, Moist, High Plasticity.										0.60 TTPQ	16				
	Moderately weathered, Grey, Pelitic Schist. Weak. Foliation very steeply inclined.						MW	W								

EOH: 26.00 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (26 m bgl). VWPs installed and grouted, tips at 6.0 mbgl, and 16.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

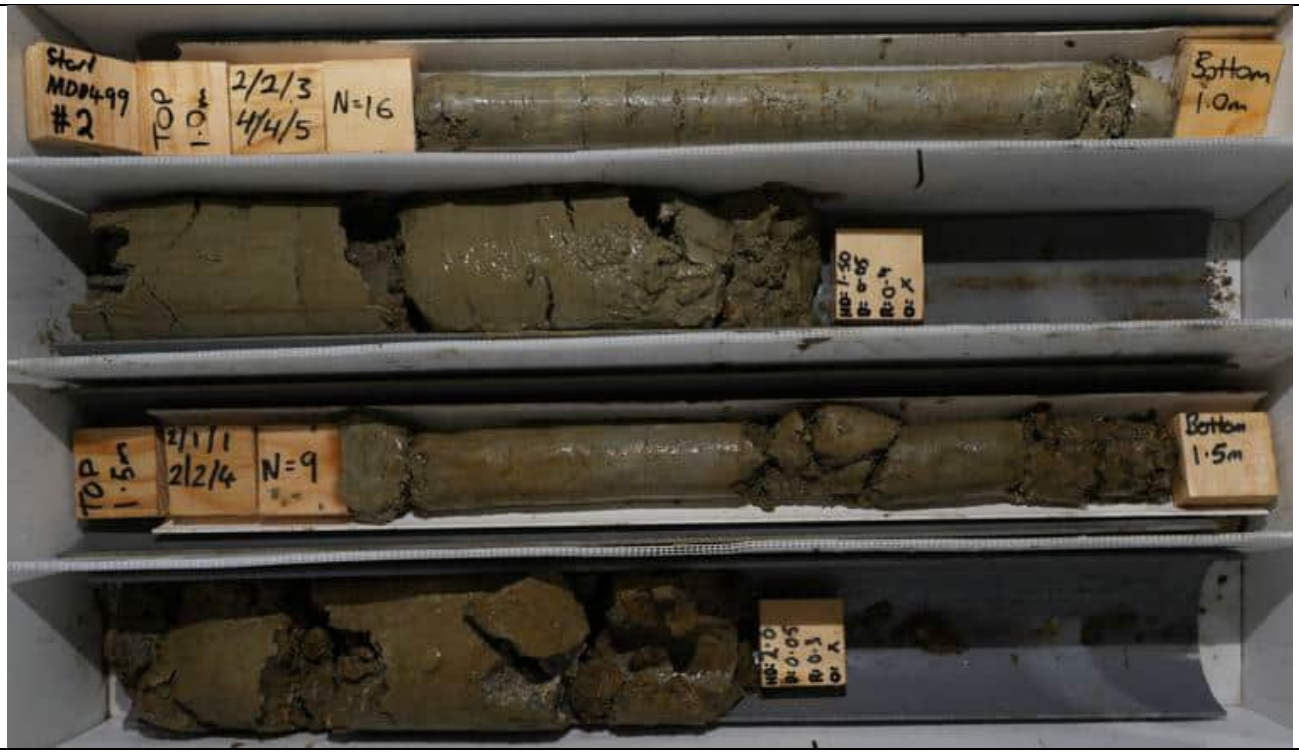
LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:41:08 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m - 1.0m



Depth: 1.0m – 2.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 2.0m – 3.0m



Depth: 3.0m – 4.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 4.0m – 5.0m



Depth: 5.0m – 6.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 6.0m – 8.0m



Depth: 8.0m – 10.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		

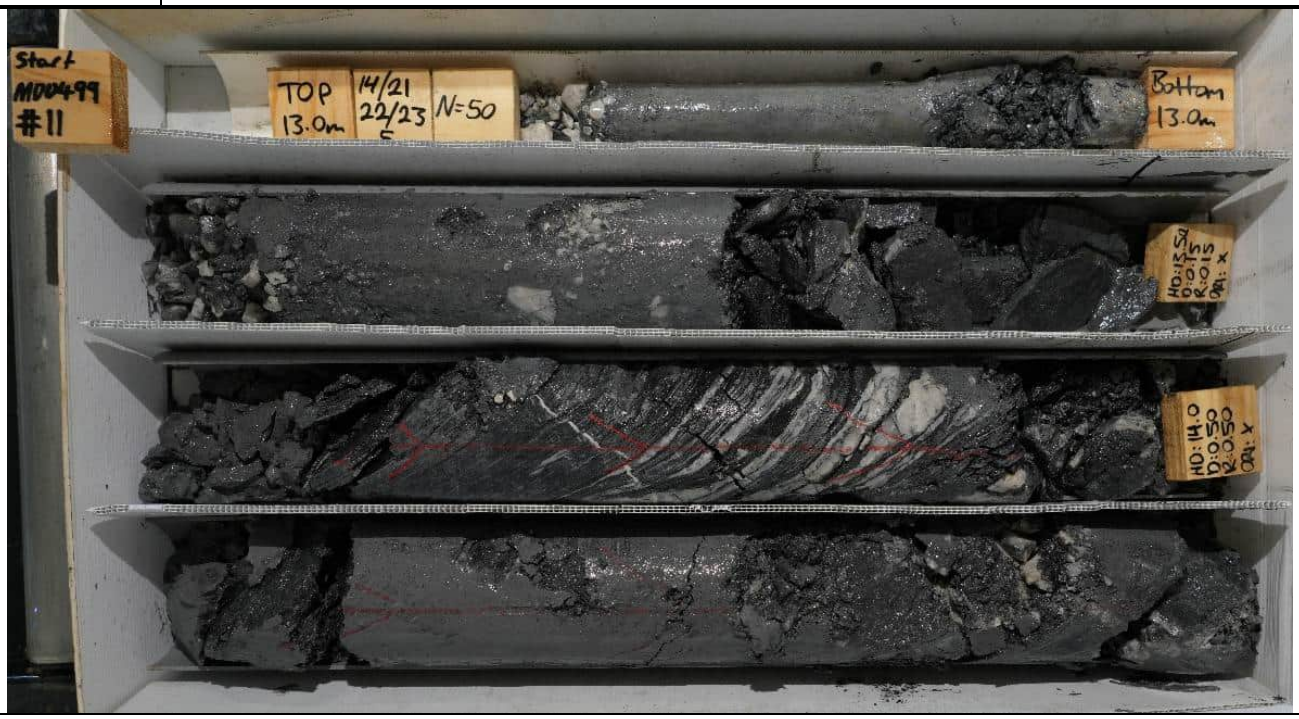


Depth: 10.0m - 11.3m



Depth: 11.0m – 13.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 13.0m – 14.45m



Depth: 14.45m – 15.85m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 15.85m –17.8m



Depth: 17.8m – 19.95m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 19.95m – 21.55m

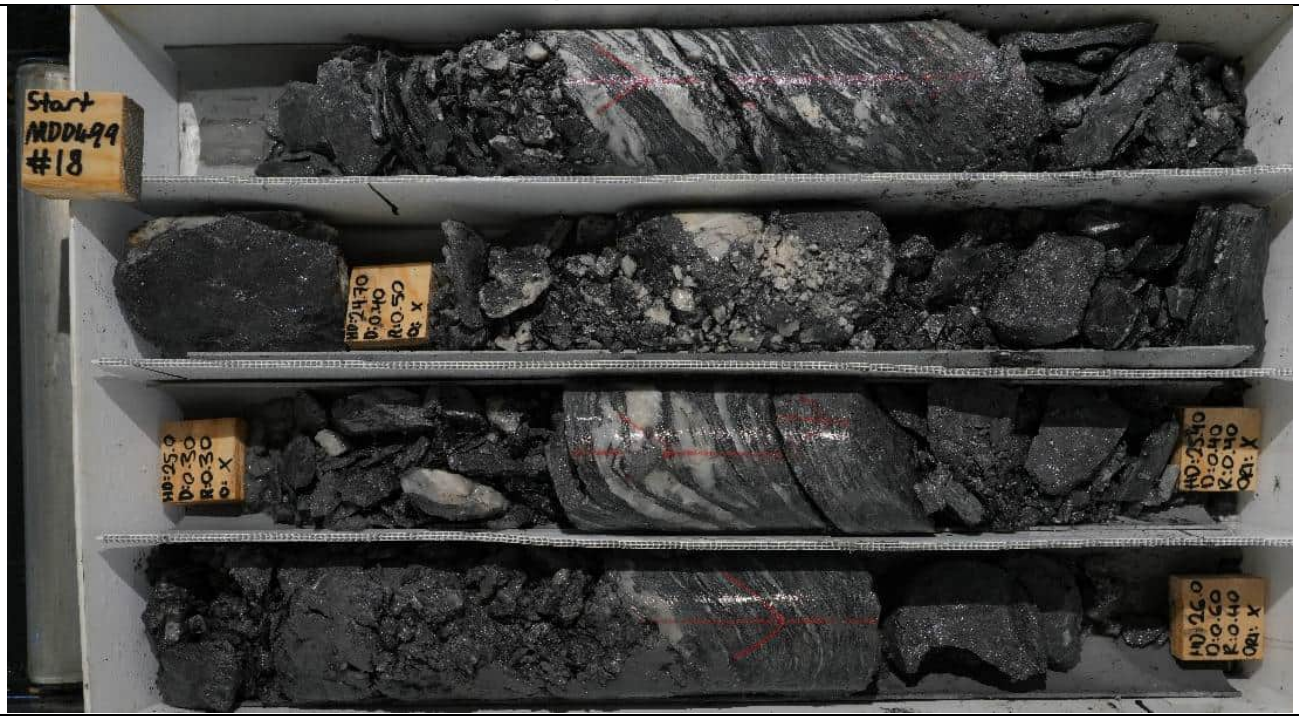


Depth: 21.55m – 22.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 - CORE BOX PHOTOGRAPHS		



Depth: 22.8m – 24.3m



Depth: 24.3m – 26.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.50m



Depth: 1.0m



Depth: 1.5m



Depth: 2.0m



Depth: 2.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 – SPT PHOTOGRAPHS		



Depth: 3.0m



Depth: 3.5m



Depth: 4.0m



Depth: 4.50m



Depth: 5.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD499
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 – SPT PHOTOGRAPHS		



Depth: 6.0m



Depth: 7.0m



Depth: 8.0m



Depth: 9.0m



Depth: 10.0m



Depth: 11.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD499 – SPT PHOTOGRAPHS		



Depth: 12.0m



Depth: 13.0m



Depth: 21.55m

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ROCK LOG

DRILLHOLE No.: MDD500

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316830.8 North 5018628.1
GRID: NZGD 2000

RL GROUND: 429.0
DATUM: NZVD 2016

HOLE STARTED: 02/03/2026
HOLE FINISHED: 05/02/2026
HOLE DEPTH: 13.3m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Topsoil		429	TS							0.45 SPT	0				N = 8 (S) 0.00m 2, 2 , 2, 2, 2, 2
	Sandy SILT. Sand, fine. Stiff, Moist, Non-plastic.															
	SAND some silt. Sand, fine. Loose, Moist, Non-plastic.				Standard penetration test -sample 0.5 - 1.0m 63.6% Fines						0.45 SPT	0				N = 13 (S) 0.50m 2, 1 , 2, 3, 4, 4
		1	428													N = 15 (S) 1.00m 2, 3 , 2, 3, 5, 5
	CLAY some silt and sand. Sand, fine. Loose, Moist, Non-plastic.															
					Standard penetration test -sample 1.5 - 2.0m 31.7% Fines						0.45 SPT	0				N = 15 (S) 1.50m 2, 1 , 3, 3, 4, 5
	Sandy SILT minor gravel. Sand, fine to coarse. Gravel, fine sub rounded to subangular quartz. Stiff, Moist, Non-plastic.	2	427								0.45 SPT	0				N = 50 (S) 2.00m 3, 7 , 9, 16, 17, 8
		3	426								0.45 SPT	0		Groundwater Not Encountered		N = 35 (S) 2.50m 2, 9 , 11, 9, 8, 7
					Standard penetration test -sample 3.5 - 4.0m 23.7% Fines						0.45 SPT	0				N = 4 (S) 3.00m 2, 1 , 1, 1, 1, 1
	Gravelly CLAY some silt minor sand. Sand, fine to coarse. Gravel, fine subangular to angular schist. Very stiff, Moist, Moderate plasticity.	4	425								0.45 SPT	0				N = 18 (S) 3.50m 4, 4 , 5, 4, 4, 5
											0.45 SPT	0				N = 22 (S) 4.00m 5, 4 , 5, 5, 7, 5
	CLAY some sand minor gravel and silt. Sand, fine. Gravel, fine, angular, highly weathered schist. Very stiff, Moist, Moderate plasticity.										0.45 SPT	0				N = 25 (S) 4.50m 2, 4 , 6, 7, 6, 6

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (13.3 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:43:48 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD500

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316830.8 North 5018628.1
GRID: NZGD 2000

RL GROUND: 429.0
DATUM: NZVD 2016

HOLE STARTED: 02/03/2026
HOLE FINISHED: 05/02/2026
HOLE DEPTH: 13.3m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	CLAY some sand minor gravel and silt. Sand, fine. Gravel, fine, angular, highly weathered schist. Hard, Moist, High plasticity.		424		Standard penetration test -sample 5.0 - 5.5m 19.7% Fines						0.45 SPT	0				N = 15 (S) 5.00m 2, 1 , 1, 3, 5, 6
											0.15 TTPQ	0				
											0.20 TTPQ	0				
	Core loss.			C/L							0.20 TTPQ	0				
	CLAY some sand minor gravel and silt. Sand, fine. Gravel, fine, angular, highly weathered schist. Hard, Moist, High plasticity.	6	423								0.35 SPT	0				N = 50+ (S) 6.00m 14, 20 , 18, 23, 9
	Core loss.			C/L							0.15 TTPQ	0				
	CLAY some sand minor gravel and silt. Sand, fine. Gravel, fine, angular, highly weathered schist. Hard, Moist, High plasticity.										0.20 TTPQ	0				
	Completely weathered, orange, grey and white, Schist. Very Weak. Breaks down with a scraper to fine tabular schist.			C/L							0.30 TTPQ	0				
	Core loss.															
	Completely weathered, orange, grey and white, Schist. Very Weak. Breaks down with a scraper to fine tabular schist.	7	422				CW				0.40 SPT	0				N = 50+ (S) 7.00m 8, 20 , 17, 19, 14
											0.10 TTPQ	0				
											0.50 TTPQ	0				
	Highly weathered, dark grey. Very Weak, breaks down with a scraper to fine angular gravel and clay.	8	421					VW			0.45 SPT	0				
	Core loss.			C/L							0.20 TTPQ	0				
	Highly weathered, dark grey. Very Weak, Clast supported, matrix of clay sized particles with clasts of angular psammitic schist. Breaks down with a scraper to fine angular gravel and clay.										0.25 TTPQ	0				
		9	420				HW				0.10 TTPQ	0				
	Highly weathered, orange and grey, Psammitic Schist. Weak.										0.45 SPT	0				
											0.35 TTPQ	0				
							W				0.20 TTPQ	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (13.3 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:43:48 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD500

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316830.8 North 5018628.1
GRID: NZGD 2000
RL GROUND: 429.0
DATUM: NZVD 2016
HOLE STARTED: 02/03/2026
HOLE FINISHED: 05/02/2026
HOLE DEPTH: 13.3m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Highly weathered, orange and grey, Psammitic Schist. Weak.	11 12 13	419 418 417 416				HW W				0.25 SPT 0.20 TTPQ 0.55 TTPQ 0.30 SPT 0.10 TTPQ 0.70 TTPQ 0.50 TTPQ 0.40 TTPQ 0.30 TTPQ	0 0 0 0 0 14 0 0 0		Groundwater Not Encountered		

EOH: 13.30 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (13.3 m bgl). Slotted PVC standpipe installed, screened from 5.0 mbgl to 6.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:43:48 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD500
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m – 0.5m



Depth: 0.5m – 1.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD500
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - CORE BOX PHOTOGRAPHS		



Depth: 1.5m – 2.5m



Depth: 2.5m – 4.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD500
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - CORE BOX PHOTOGRAPHS		



Depth: 4.0m – 6.0m



Depth: 6.0m – 8.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD500
		Photograph By: MGL	Date: Feb 2026
Title:	MDD500 - CORE BOX PHOTOGRAPHS		



Depth: 8.0m – 9.0m



Depth: 9.0m – 10.8m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD500
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - CORE BOX PHOTOGRAPHS		



Depth: 10.8m - 12.1m



Depth: 12.1m – 13.3m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Processing Plant MDD500
		Photograph By:	MGL / Date: Feb 2026

Title:	MDD500 - SPT PHOTOGRAPHS



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m



Depth: 2.0m



Depth: 2.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - SPT PHOTOGRAPHS		

Sample is Missing

Depth: 3.0m



Depth: 3.5m



Depth: 4.0m



Depth: 4.5m



Depth: 5.0m



Depth: 6.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD500 - SPT PHOTOGRAPHS		



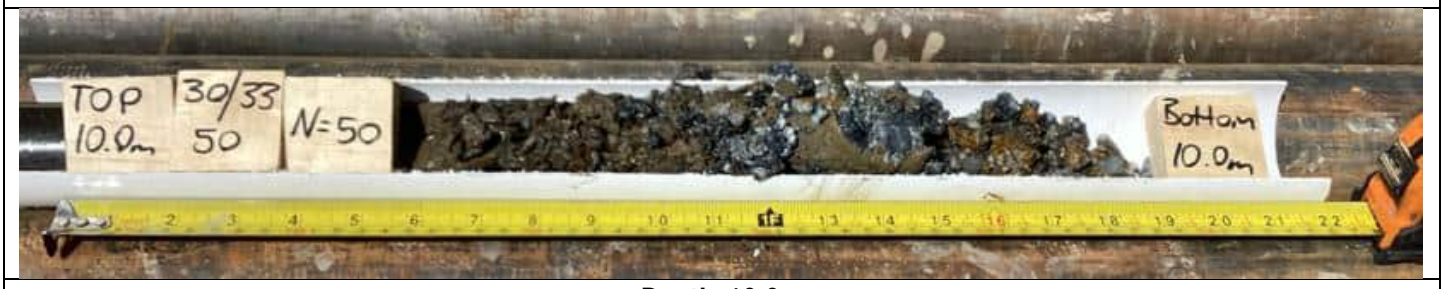
Depth: 7.0m



Depth: 8.0m



Depth: 9.0m



Depth: 10.0m



Depth: 11.0m

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ROCK LOG

DRILLHOLE No.: MDD503

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316694.8 North 5018641.7
GRID: NZGD 2000

RL GROUND: 425.0
DATUM: NZVD 2016

HOLE STARTED: 11/02/2026
HOLE FINISHED: 14/02/2026
HOLE DEPTH: 12.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Topsoil, Dark brown.										0.45 SPT	0				N = 14 (S) 0.00m 2, 2 , 3, 4, 3, 4
	Silty Gravel some sand, minor clay. Gravel, fine to coarse, subrounded to subangular. Brown. Loose, Moist, Non-Plastic.										0.45 SPT	0				N = 9 (S) 0.50m 3, 2 , 3, 2, 2, 2
	Silty CLAY minor sand. Sand, fine. Brown. Hard, Moist, High Plasticity.		424								0.45 SPT	0				
	1.0m: Some fine sand	1									0.45 SPT	0				N = 18 (S) 1.00m 2, 3 , 3, 4, 5, 6
					Standard penetration test -sample 1.0 - 1.5m 67.6% Fines						0.45 SPT	0				
	COBBLE of completely weathered schist. Brown and orange outside, grey core. Recovered as extremely weak outside and core of very weak layered schist flakes up to 3mm wide.										0.45 SPT	0				N = 44 (S) 1.50m 3, 3 , 6, 13, 14, 11
	Sandy CLAY minor silt. Sand, fine to medium. Brown. Very Stiff, Moist, High Plasticity.		423								0.45 SPT	0				
	Sandy GRAVEL minor clay. Sand, fine to coarse. Gravel, fine to coarse, subangular to angular, some tabular, schist. Brownish grey. Medium Dense, Moist, Non-Plastic.	2									0.45 SPT	0				N = 50+ (S) 2.00m 34, 31 , 19, 23, 10
	Gravel. Fine to medium, tabular schist. Grey. Medium Dense, Moist, Non-Plastic.										0.45 SPT	0				
	SAND, fine to coarse. Dark grey. Medium Dense, Moist, Non-Plastic.										0.45 SPT	0				
	Sandy GRAVEL minor clay. Sand, fine to coarse. Gravel, fine to coarse, subangular to angular, tabular schist. Brownish grey. Medium Dense, Moist, Non-Plastic.		422								0.45 SPT	0		Groundwater Not Encountered		N = 42 (S) 2.50m 4, 6 , 7, 10, 9, 16
		3									0.45 SPT	0				N = 36 (S) 3.00m 4, 8 , 9, 8, 10, 9
											0.45 SPT	0				N = 30 (S) 3.50m 4, 4 , 5, 7, 9, 9
	Clayey SAND minor gravels. Sand, fine to coarse. Gravel, fine to medium, subrounded to angular. Brownish grey. Dense, Moist, Non-Plastic.		421								0.45 SPT	0				
		4									0.45 SPT	0				N = 22 (S) 4.00m 5, 5 , 5, 6, 5, 6
					Standard penetration test -sample 4.0 - 4.5m 20% Fines						0.45 SPT	0				
	Sandy CLAY minor silt. Sand, fine to medium. Brown. Soft, Moist, High Plasticity.										0.45 SPT	0				N = 3 (S) 4.50m 1, 1 , 0, 0, 0, 3
	SAND. Fine to coarse. Grey, brown, and orange. Medium Dense, Moist, Non-Plastic.		420		Standard penetration test -sample 4.5 - 5.0m 13.9% Fines						0.45 SPT	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12 m bgl). Slotted PVC standpipe installed, screened from 4.5 mbgl to 5.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:34 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD503

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316694.8 North 5018641.7
GRID: NZGD 2000

RL GROUND: 425.0
DATUM: NZVD 2016

HOLE STARTED: 11/02/2026
HOLE FINISHED: 14/02/2026
HOLE DEPTH: 12.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Gravelly CLAY some sand. Sand, fine to coarse. Gravel, fine to coarse, subangular to rounded. Brown and grey. Very Stiff, Moist, Moderate Plasticity.				Standard penetration test -sample 5.0 - 5.5m 16.7% Fines						0.45 SPT	0				N = 27 (S) 5.00m 3, 4 , 5, 6, 7, 9
	Sandy GRAVEL minor clay. Sand, fine to coarse. Gravel, fine to coarse, subangular to angular, tabular schist. Brownish grey. Dense, Moist, Non-Plastic.										0.45 SPT	0				N = 36 (S) 5.50m 7, 5 , 5, 8, 9, 14
	Completely weathered, Grey. Extremely Weak. Very stiff, breaks down in hand to a sandy clay minor gravel. Sand, fine to medium. Gravel, fine, angular schist.	6	419				CW	EW			0.55 TTPQ	0				
	Highly weathered, Grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of fine to medium gravel sized angular pelitic schist. Breaks down with a hammer to clay and coarse gravels. No foliation.	7	418				HW	VW			0.45 SPT	0				N = 50+ (S) 6.50m 3, 8 , 13, 18, 19
	Moderately weathered, Grey. Very Weak. Matrix supported, matrix of clay sized particles with fine to coarse gravel sized clasts of angular quartz. No fabric present.	8	417				MW	VW			0.55 TTPQ	0				
	Slightly weathered, Grey. Very Weak. Matrix supported, matrix of clay sized particles with fine to coarse gravel sized clasts of angular quartz. No fabric present.						SW	VW			0.45 SPT	0				N = 50+ (S) 7.50m 9, 14 , 14, 13, 14, 9
	Unweathered, Grey. Weak. Matrix supported, matrix of clay sized particles with fine to coarse gravel sized clasts of angular quartz. No fabric present.	9	416				UW	W			0.35 TTPQ	51				N = 50+ (S) 8.50m 6, 13 , 14, 14, 14, 8
											0.40 TTPQ	55				
			415								0.30 TTPQ	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12 m bgl). Slotted PVC standpipe installed, screened from 4.5 mbgl to 5.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:34 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD503

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316694.8 North 5018641.7
GRID: NZGD 2000

RL GROUND: 425.0
DATUM: NZVD 2016

HOLE STARTED: 11/02/2026
HOLE FINISHED: 14/02/2026
HOLE DEPTH: 12.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Unweathered, Grey. Weak. Matrix supported, matrix of clay sized particles with fine to coarse gravel sized clasts of angular quartz. No fabric present.	11	414 413				UW	W			0.40 TTPQ 0.50 TTPQ 0.40 TTPQ 0.20 TTPQ 0.50 TTPQ	40 20 25 0 68		Groundwater Not Encountered		

EOH: 12.00 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12 m bgl). Slotted PVC standpipe installed, screened from 4.5 mbgl to 5.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:34 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD503 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m – 0.45m



Depth: 0.45m – 1.50m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD503 - CORE BOX PHOTOGRAPHS		



Depth: 1.50m – 2.5m



Depth: 2.5m – 4.0m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD503 - CORE BOX PHOTOGRAPHS		



Depth: 4.0m – 5.5m



Depth: 5.5m – 6.5m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD503 - CORE BOX PHOTOGRAPHS		



Depth: 6.5m – 8.5m



Depth: 8.5m – 10.4m

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EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD503 - CORE BOX PHOTOGRAPHS		



Depth: 10.4m – 12.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD503 – SPT PHOTOGRAPHS		



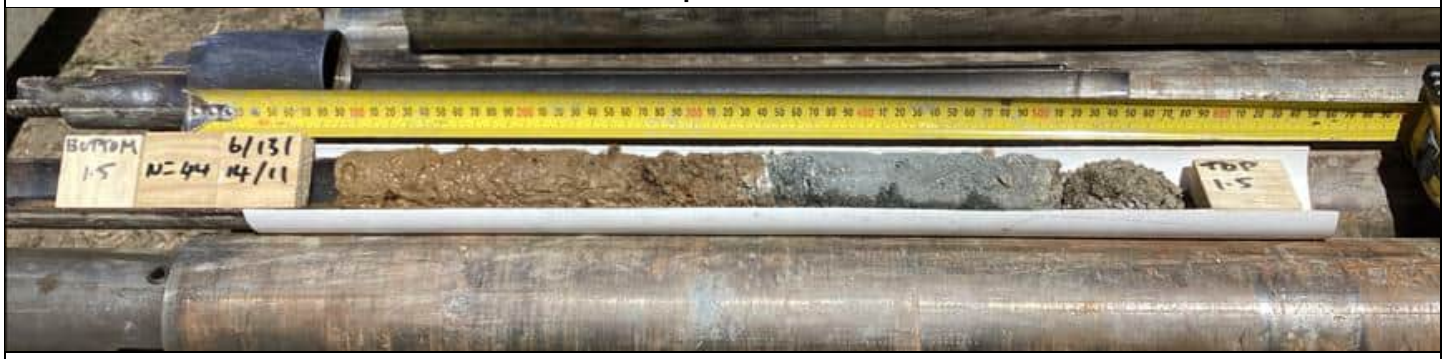
Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m

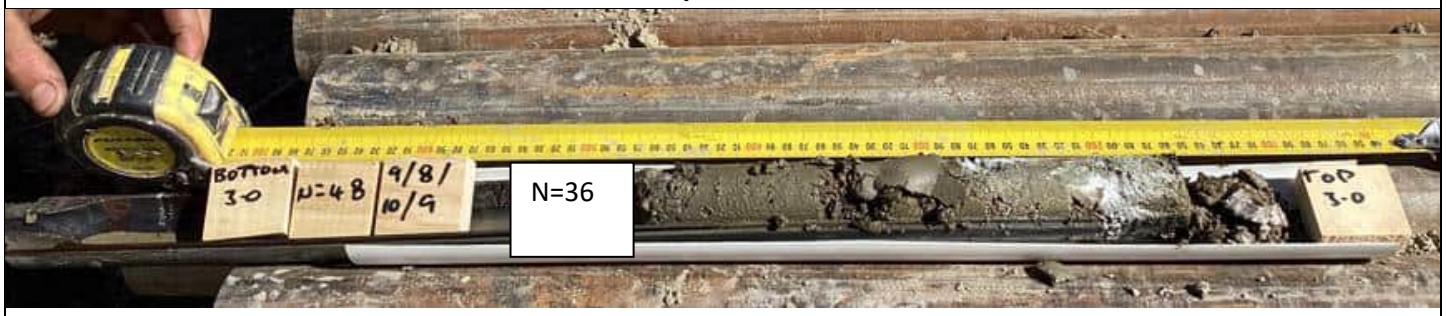
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD503
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD503 – SPT PHOTOGRAPHS		



Depth: 2.0m



Depth: 2.5m



Depth: 3.0m



Depth: 3.5m

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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD503 – SPT PHOTOGRAPHS		



Depth: 4.0m



Depth: 4.5m



Depth: 5.0m



Depth: 5.5m

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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD503 – SPT PHOTOGRAPHS		



Depth: 6.5m



Depth: 7.5m

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ROCK LOG

DRILLHOLE No.: MDD505

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316727.1 North 5018587.4
GRID: NZGD 2000

RL GROUND: 432.7
DATUM: NZVD 2016

HOLE STARTED: 14/02/2026
HOLE FINISHED: 17/02/2026
HOLE DEPTH: 13.1m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	CLAY minor fine sand. Brown. Hard, High Plasticity.										0.45 SPT	0				N = 10 (S) 0.00m 2, 2 , 1, 3, 3, 3
	GRAVEL some sand. Gravel, fine tabular schist. Sand, medium to coarse. Grey and brown. Loose, Non-Plastic.										0.45 SPT	0				N = 3 (S) 0.50m 1, 1 , 0, 1, 1, 1
	Silty SAND minor gravel. Sand fine to coarse. Gravel, fine tabular schist. Brown. Loose, Non-Plastic.		432		Standard penetration test -sample 0.5 - 1.0m 6.5% Fines						0.45 SPT	0				N = 15 (S) 1.00m 2, 2 , 3, 3, 5, 4
	Sandy SILT minor gravel trace clay. Sand fine to coarse. Gravel, fine tabular schist. Brown. Stiff, Low Plasticity.	1			Standard penetration test -sample 1.0 - 1.5m 15.4% Fines						0.45 SPT	0				N = 17 (S) 1.50m 3, 4 , 4, 4, 4, 5
			431								0.45 SPT	0				N = 17 (S) 2.00m 3, 5 , 4, 5, 4, 4
		2									0.45 SPT	0				N = 18 (S) 2.50m 2, 4 , 4, 4, 5, 5
			430		Standard penetration test -sample 2.5 - 3.0m 15.3% Fines						0.45 SPT	0		Groundwater Not Encountered		N = 15 (S) 3.00m 1, 1 , 3, 3, 4, 5
	SAND, fine to coarse. Grey. Loose, Non-Plastic.	3									0.45 SPT	0				N = 25 (S) 3.50m 3, 3 , 6, 6, 7, 6
	GRAVEL. Fine to medium, subrounded to angular schist. Grey. Medium Dense, Non-Plastic. Gravel surfaces react with acid.										0.45 SPT	0				N = 16 (S) 4.00m 3, 4 , 4, 4, 4, 4
	Sandy SILT some clay minor gravel. Sand fine to coarse. Gravel, fine tabular schist. Brown. Stiff, Moderate Plasticity.		429								0.45 SPT	0				N = 21 (S) 4.50m 3, 4 , 4, 6, 5, 6
		4			Standard penetration test -sample 4.0 - 4.5m 18.5% Fines						0.45 SPT	0				
			428													

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole terminated due to rods getting stuck (13 m bgl) one rod and barrel left in hole 10.45m to 13.1m, the hole was filled with grout with rods remaining. Rig moved to MDD505R drilled 2m West of MDD505 to target depth of 31m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:25 pm - Produced with Core-GS by Geroc

Engineering Geology Ltd
+64 9 486 2546
info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD505

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316727.1 North 5018587.4
GRID: NZGD 2000
RL GROUND: 432.7
DATUM: NZVD 2016
HOLE STARTED: 14/02/2026
HOLE FINISHED: 17/02/2026
HOLE DEPTH: 13.1m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Sandy SILT some clay minor gravel. Sand fine to coarse. Gravel, fine tabular schist. Brown. Stiff, Moderate Plasticity.		427		Standard penetration test -sample 5.0 - 5.5m 20.4% Fines						0.45 SPT 0.55 TTPQ	0 0				N = 20 (S) 5.00m 3, 4 , 4, 5, 6, 5
	Silty SAND minor gravel trace clay. Sand fine to coarse. Gravel, fine tabular schist. Brown. Medium Dense, Low Plasticity. Reacts with acid.	6									0.45 SPT 0.55 TTPQ	0 0				N = 22 (S) 6.00m 3, 3 , 5, 6, 5, 6
	Core loss.		426	C/L												
	Silty SAND minor gravel trace clay. Sand fine to coarse. Gravel, fine tabular schist. Brown. Medium Dense, Low Plasticity.	7									0.45 SPT 0.55 TTPQ	0 0		Groundwater Not Encountered		N = 44 (S) 7.00m 4, 8 , 10, 13, 11, 10
	Core loss.		425	C/L												
	GRAVEL and COBBLE. Gravel, medium to coarse, subrounded to subangular schist. Cobble 70mm wide, quartz. Brown and grey. Loose, Non-Plastic.	8														
	Silty SAND minor gravel trace clay. Sand fine to coarse. Gravel, fine tabular schist. Grey. Medium Dense, Low Plasticity. Reacts with acid.										0.45 SPT 0.55 TTPQ	0 0				N = 33 (S) 8.00m 5, 5 , 8, 7, 8, 10
	Core loss.		424	C/L												
	GRAVEL. Coarse, subangular, quartz rich schist. Grey. Loose, Non-Plastic.	9														
	SAND, fine to coarse. Grey. Medium Dense, Non-Plastic.															
	Clayey SAND minor gravel and silt. Sand, fine to coarse. Gravel, fine to medium, angular schist. Grey. Medium Dense, Moderate Plasticity. Reacts with acid.										0.45 SPT 0.55 TTPQ	0 0				N = 22 (S) 9.00m 1, 1 , 4, 5, 6, 7
	Core loss.		423	C/L												
	GRAVEL. Medium to coarse, subangular, quartz rich schist. Grey. Medium Dense, Non-Plastic.															
	Clayey SAND minor gravel and silt. Sand, fine to coarse. Gravel, fine to medium, angular schist. Brown. Medium Dense, Moderate Plasticity.															

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole terminated due to rods getting stuck (13 m bgl) one rod and barrel left in hole 10.45m to 13.1m, the hole was filled with grout with rods remaining. Rig moved to MDD505R drilled 2m West of MDD505 to target depth of 31m bgl. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:25 pm - Produced with Core-GS by Geroc

Engineering Geology Ltd
+64 9 486 2546
info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD505

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316727.1 North 5018587.4
GRID: NZGD 2000
RL GROUND: 432.7
DATUM: NZVD 2016
HOLE STARTED: 14/02/2026
HOLE FINISHED: 17/02/2026
HOLE DEPTH: 13.1m
INCLINATION: Vertical
ORIENTATION:

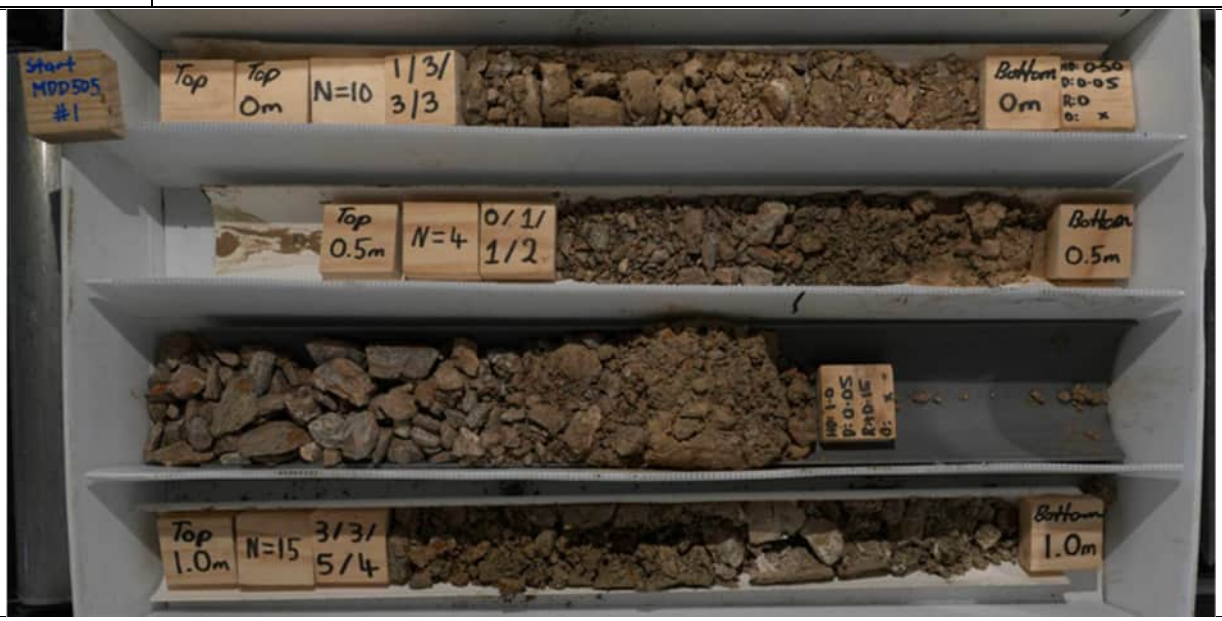
Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Clayey SAND minor gravel and silt. Sand, fine to coarse. Gravel, fine to medium, angular schist. Brown. Medium Dense, Moderate Plasticity. Reacts with acid.										0.45 SPT	0				N = 36 (S) 10.00m 4, 5 , 4, 8, 9, 15
	SAND, fine to coarse. Grey. Very Dense, Non-Plastic.										0.12 SPT	0				
	Highly weathered brown, grey and white Agglomerate. Weak. Reacts with acid. Clast supported, clasts angular coarse sand and fine to coarse gravels, matrix of clay, chemically cemented. Gravels have no regular orientation.		422				HW	W			0.50 TTPQ	0				
	Core loss.	11		C/L							0.15 SPT	0				N = 50+ (S) 11.00m 50, 20
	Moderately weathered grey and white Pelitic Schist. Strong. Boulder.						MW	S								
	Highly weathered, Brown, grey and white, Agglomerate. Weak. Reacts with acid. Clast supported, clasts angular coarse sand and fine gravels, matrix of clay, chemically cemented. Gravels have no regular orientation.						HW	W			0.50 TTPQ	0				
	Core loss.		421	C/L							0.35 TTPQ	0		Groundwater Not Encountered		
	COBBLES. 60mm to 75mm across. Moderately weathered schist and highly weathered conglomerate; Brown and grey. Loose, Non-Plastic.	12									0.22 SPT	0				N = 50+ (S) 12.00m 1, 7 , 50
	Clayey SAND minor silt. Sand, fine to medium. Brown and grey. Very Dense, Moderate Plasticity.										0.18 TTPQ	0				
	Moderately weathered, Grey, orange, and brown, Pelitic TZ4 schist. Strong. Rich in veins of orange, acid reacting material. Moderately widely spaced Fractures, Moderately inclined.		420				MW	S			0.60 TTPQ	60				
	Core loss.	13									0.07 SPT	0				N = 50+ (S) 13.00m 50
	EOH: 13.07 m															

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole terminated due to rods getting stuck (13 m bgl) one rod and barrel left in hole 10.45m to 13.1m, the hole was filled with grout with rods remaining. Rig moved to MDD505R drilled 2m West of MDD505 to target depth of 31m bgl. Boxed core stored at MGL depot.

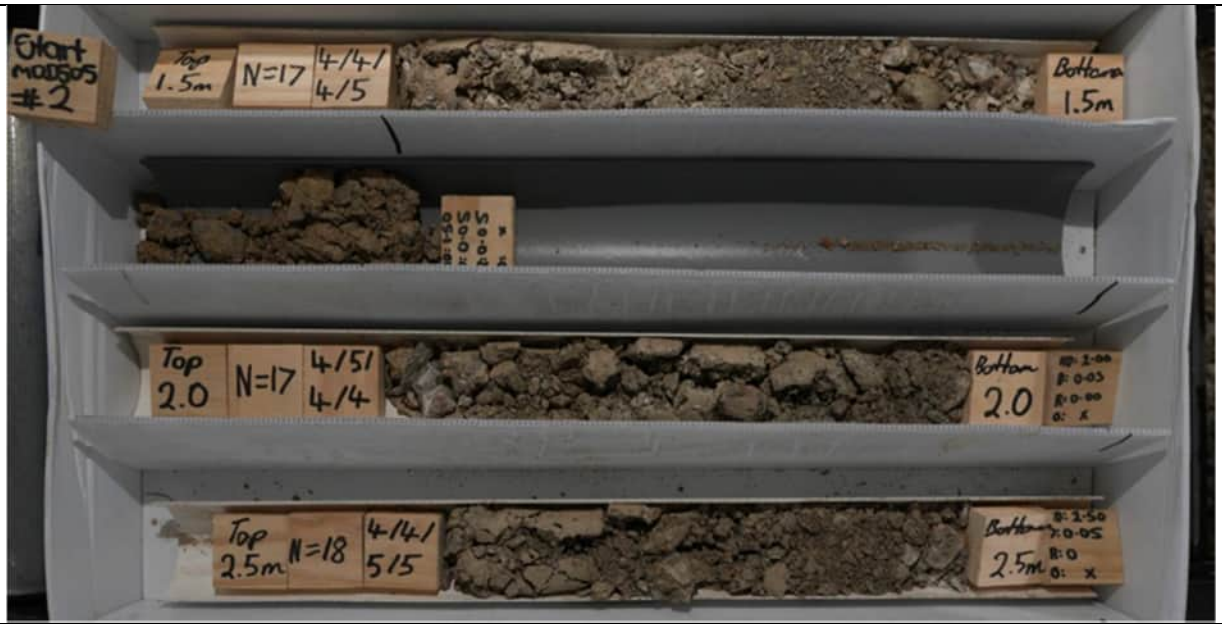
LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:25 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By: MGL	Date: Mar 2026
Title:	MDD505 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m - 1.0m

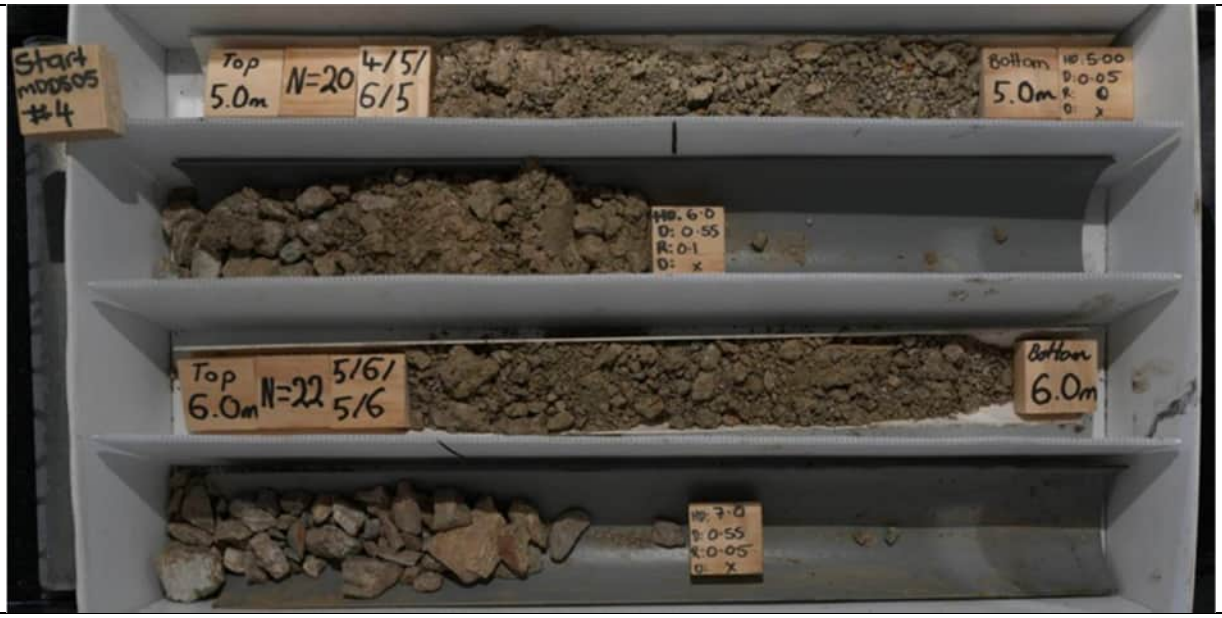


Depth: 1.0m – 2.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By: MGL	Date: Mar 2026
Title:	MDD505 - CORE BOX PHOTOGRAPHS		



Depth: 2.5m – 4.5m



Depth: 4.5m – 7.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By: MGL	Date: Mar 2026
Title:	MDD505 - CORE BOX PHOTOGRAPHS		



Depth: 7.0m –9.0m



Depth: 9.0m – 11.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By: MGL	Date: Mar 2026
Title:	MDD505 - CORE BOX PHOTOGRAPHS		



Depth: 11.0m – 12.0m



Depth: 12.0m – 13.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS		



Depth: 2.0m



Depth: 2.5m



Depth: 3.0m



Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS		

Depth: 3.5m



Depth: 4.0m



Depth: 4.5m

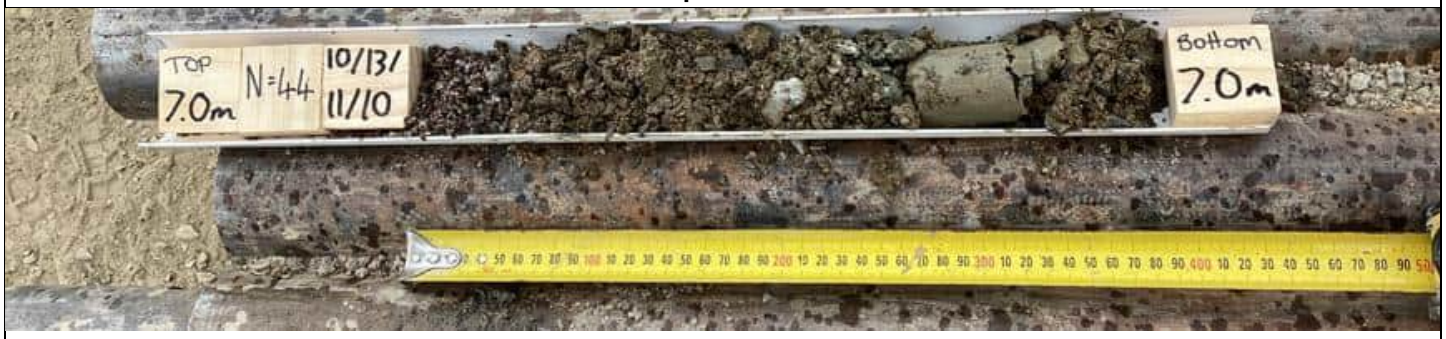


Depth: 5.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS		



Depth: 6.0m



Depth: 7.0m



Depth: 8.0m



Depth: 9.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505
		Photograph By:	MGL / Date: Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS		



Depth: 10.0m



Depth: 11.0m



Depth: 12.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505		
		Photograph By:	MGL	Date:	Feb 2026
Title:	MDD505 – SPT PHOTOGRAPHS				



Depth: 13.0m

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 1 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Wash drill refer to borehole MDD505	1 2 3 4	432 431 430 429 428	N/R N							10.10	0		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 2 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Wash drill refer to borehole MDD505	6 7 8 9	427 426 425 424 423	N/R							10.10	0		Groundwater Not Encountered		

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 3 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Wash drill refer to borehole MDD505			N/R							10.10	0				
	Sandy SILT minor gravel. Sand, fine to coarse. Gravel, fine tabular schist. Grey. Medium Dense, Non-Plastic.										0.30	0				
	Gravelly SAND. Sand, fine. Gravel, medium, angular schist. Grey. Medium Dense, Non-Plastic.		422								0.10	0				
	Highly weathered, Brown, grey and white, Agglomerate. Weak. Clast supported, clasts angular coarse sand and fine gravels, matrix of calcite and clay. Gravels have no regular orientation.						HW	W								
	Moderately weathered, Grey, Pelitic Schist. Moderately Strong. Boulder.	11					MW	S			0.75	0				
	10.8m - 10.8m: SAND, fine; Grey. Medium Dense, Non-Plastic.															
	Highly weathered, Brown, grey and white, Agglomerate. Weak.		421				HW	W								
	Moderately weathered, Grey, brown and orange, Pelitic Schist. Strong. Closely spaced Fractures, Moderately to steeply inclined.	12					MW				1.35	43				
	Slightly weathered, Grey and white, Pelitic Schist. Strong. Closely spaced Fractures, Moderately to steeply inclined.				Joint; α75°, Smooth, clean.											
			420		Joint; α60°, Smooth, clean.											
		13			Joint; α52°, Smooth, fine tabular gravel.		SW	S			1.50	45				
			419		Joint; α12°, Smooth, clean.											
		14			Joint; α78°, Smooth, clean.											
					Joint; α1°, Smooth, clean.											
			418								1.10	51				
	Slightly weathered, Grey, Psammitic Schist. Strong. Moderately widely spcaed Fractures, Moderately to steeply inclined.				Joint; α14°, Smooth, clean.											

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 4 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Slightly weathered grey Psammitic Schist. Strong. Moderately widely spcaed Fractures, Moderately to steeply inclined.	16	417				SW	S			1.10	51		Groundwater Not Encountered		
	Unweathered, Grey, Pelitic Schist. Strong. Closely spaced Fractures, Moderately inclined to subvertical.	17	416		Joint; α87°, Smooth, clean.		UW				1.30	60				
		18	415								1.30	84				
		19	414		Joint; α78°, Smooth, .						1.10	21				
			413		Joint; α69°, Smooth, clean.						1.50	23				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 5 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Unweathered, Grey, Pelitic Schist. Strong. Closely spaced Fractures, Moderately inclined to subvertical.	21	412		Crush Zone, Rough, fine tabular gravel.		UW	S			1.50	23		Groundwater Not Encountered		
		22	411								1.50	55				
	Unweathered, Grey, Psammitic Schist. Strong. Moderately widely spcaed Fractures, Moderately to steeply inclined.	23	410								1.50	53				
		24	409								1.50	48				
			408								1.50	43				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 6 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000
RL GROUND: 432.6
DATUM: NZVD 2016
HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Unweathered, Grey, Pelitic Schist. Strong. Closely spaced Fractures, Gently to moderately inclined.	26	407				UW	S			1.50	43		Groundwater Not Encountered		
		27	406								1.50	25				
		28	405		Crush Zone, Rough, fine tabular gravel.						0.80	25				
	28.6m - 29.5m: Weak.	29	404					W			0.70	0				
	Unweathered, Grey, Psammitic Schist. Strong. Closely spaced Fractures, Moderately to steeply inclined.		403					S			1.30	23				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD505R

SHEET 7 OF 7

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316725.5 North 5018586.4
GRID: NZGD 2000

RL GROUND: 432.6
DATUM: NZVD 2016

HOLE STARTED: 18/02/2026
HOLE FINISHED: 19/02/2026
HOLE DEPTH: 31.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Unweathered, Grey, Psammitic Schist. Strong. Closely spaced Fractures, Moderately to steeply inclined.		402				UW	S			1.30 0.30	23 33		Groundwater Not Encountered		

EOH: 31.00 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Borehole located 2m west of MDD505. Hole drilled due to rods getting stuck in MDD505. Refer to MDD505 for descriptions from 0 to 13m. Target depth reached (31 m bgl). PVC pipe installed for downhole geophysics testing. Downhole geophysics testing by Southern Geophysical on 24-25 February 2026. Boxed core stored at MGL depot.

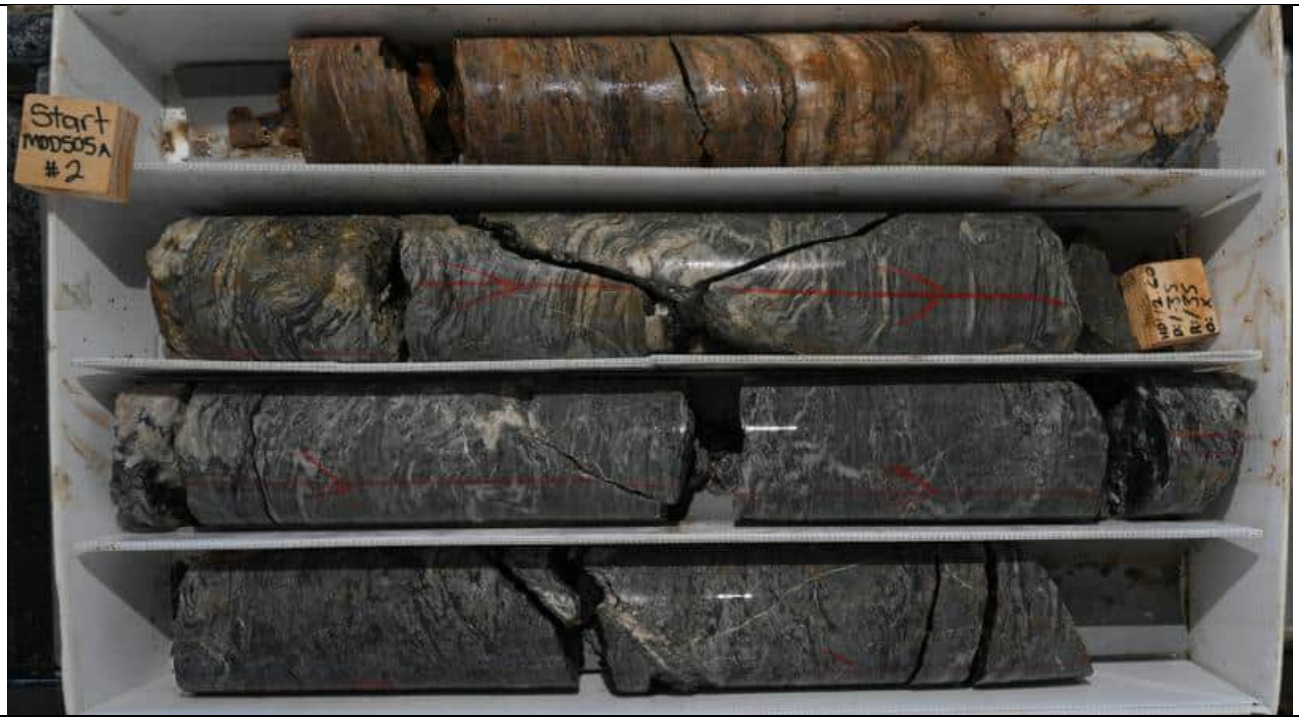
LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:14 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505R
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 10.10m - 11.75m



Depth: 11.75m – 13.6m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD505R
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 13.6m – 15.75m



Depth: 15.75m – 17.50m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 17.50m – 19.30m



Depth: 19.30m – 21.10m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 21.10m – 22.90m



Depth: 22.90m – 24.90m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 24.90m – 27.10m



Depth: 27.10m – 28.90m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: MGL	Date: Mar 2026
Title:	MDD505R - CORE BOX PHOTOGRAPHS		



Depth: 28.90m –31.00m

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ROCK LOG

DRILLHOLE No.: MDD508

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316471.5 North 5018707.5
GRID: NZGD 2000

RL GROUND: 417.2
DATUM: NZVD 2016

HOLE STARTED: 21/02/2026
HOLE FINISHED: 22/02/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Topsoil, organic silt. Dark brown. Very Loose, Dry, Non-Plastic.		417								0.45 SPT	0				N = 10 (S) 0.00m 2, 3 , 3, 2, 2, 3
	Sandy SILT minor clay. Sand, fine. Dark brown. Stiff, Dry, Low Plasticity.										0.45 SPT	0				N = 6 (S) 0.50m 3, 2 , 1, 2, 1, 2
	Sandy SILT some clay. Sand, fine dark brown. Very Stiff, Moist, Moderate Plasticity.	1	416		Standard penetration test -sample 1.0 - 1.5m 29.9% Fines						0.45 SPT	0				N = 4 (S) 1.00m 2, 2 , 1, 1, 1, 1
					Standard penetration test -sample 1.5 - 2.0m 21.5% Fines						0.45 SPT	0				N = 7 (S) 1.50m 2, 1 , 1, 1, 2, 3
	Sandy SILT some gravel. Sand, fine to coarse. Gravel, fine, subangular to angular, highly weathered schist. Brown and grey. Hard, Moist, Non-Plastic.	2	415								0.45 SPT	0		Groundwater Not Encountered		N = 15 (S) 2.00m 2, 2 , 4, 5, 3, 3
											0.45 SPT	0				N = 19 (S) 2.50m 2, 5 , 5, 4, 5, 5
		3	414								0.45 SPT	0				N = 26 (S) 3.00m 2, 5 , 9, 5, 5, 7
					Standard penetration test -sample 3.5 - 4.0m 15.2% Fines						0.45 SPT	0				N = 19 (S) 3.50m 1, 4 , 6, 5, 4, 4
		4	413								0.45 SPT	0				N = 34 (S) 4.00m 3, 8 , 7, 11, 8, 8
											0.45 SPT	0				N = 22 (S) 4.50m 4, 5 , 4, 6, 6, 6

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). VWPs installed and grouted, tips at 4.8 mbgl and 9.8 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:52 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD508

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316471.5 North 5018707.5
GRID: NZGD 2000
RL GROUND: 417.2
DATUM: NZVD 2016
HOLE STARTED: 21/02/2026
HOLE FINISHED: 22/02/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Clayey SAND, some gravel. Sand, fine. Gravel, fine, angular quartz. Brownish grey. Very Dense, Moist, Low Plasticity. Quartz gravels aligned in relic veins.		412								0.45 SPT	0				N = 48 (S) 5.00m 2, 2 , 14, 15, 10, 9
	Highly weathered Orange and brownish grey, Psammitic Schist. Moderately Strong. Many orange veins that react with acid. Recovered as fragmented rock. Very closely spaced Fractures, Steeply inclined.	6					HW	MS			0.50 TITPQ	0				
			411								0.25 SPT	0				N = 50+ (S) 6.00m 6, 21 , 30, 20
		7									0.55 TITPQ	0				
			410								0.20 TITPQ	0				
											0.15 SPT	0				N = 50+ (S) 7.00m 26, 24
											0.50 TITPQ	0				
											0.35 TITPQ	0		Groundwater Not Encountered		
	Sandy SILT some gravel and clay. Sand, fine to coarse. Gravel, fine, subangular to angular, highly weathered schist. Brownish grey. Hard, Moist, Low Plasticity.	8	409								0.15 SPT	0				N = 50+ (S) 8.00m 5, 45
	Highly weathered, Grey and orange, Psammitic Schist. Moderately Strong. Very closely spaced Fractures, Moderately inclined.						HW				1.15 TITPQ	28				
	Moderately weathered, Grey, Psammitic Schist. Moderately Strong. Closely spaced Fractures, Gently to moderately inclined.	9	408				MW	MS								
											1.60	64				
	Slightly weathered, Grey, Psammitic Schist. Strong. Closely spaced Fractures, Gently to moderately inclined.						SW	S								

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). VWPs installed and grouted, tips at 4.8 mbgl and 9.8 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:53 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
Engineering Geology Ltd
+64 9 486 2546
info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD508

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316471.5 North 5018707.5
GRID: NZGD 2000

RL GROUND: 417.2
DATUM: NZVD 2016

HOLE STARTED: 21/02/2026
HOLE FINISHED: 22/02/2026
HOLE DEPTH: 12.5m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Slightly weathered, Grey, Psammitic Schist. Strong. Closely spaced Fractures, Gently to moderately inclined.		407				SW	S			1.60 TTPQ	64		Groundwater Not Encountered		
	Slightly weathered, Grey, Psammitic Schist. Strong. Very closely spaced Fractures, Gently to moderately inclined.	11	406								1.60 TTPQ	17				
		12	405													

EOH: 12.50 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (12.5 m bgl). VWPs installed and grouted, tips at 4.8 mbgl and 9.8 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:53 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m - 1.0m



Depth: 1.0m – 2.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 - CORE BOX PHOTOGRAPHS		



Depth: 2.45m – 3.95m



Depth: 3.95m – 5.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 - CORE BOX PHOTOGRAPHS		



Depth: 5.45m – 6.7m



Depth: 6.7m – 8.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 - CORE BOX PHOTOGRAPHS		

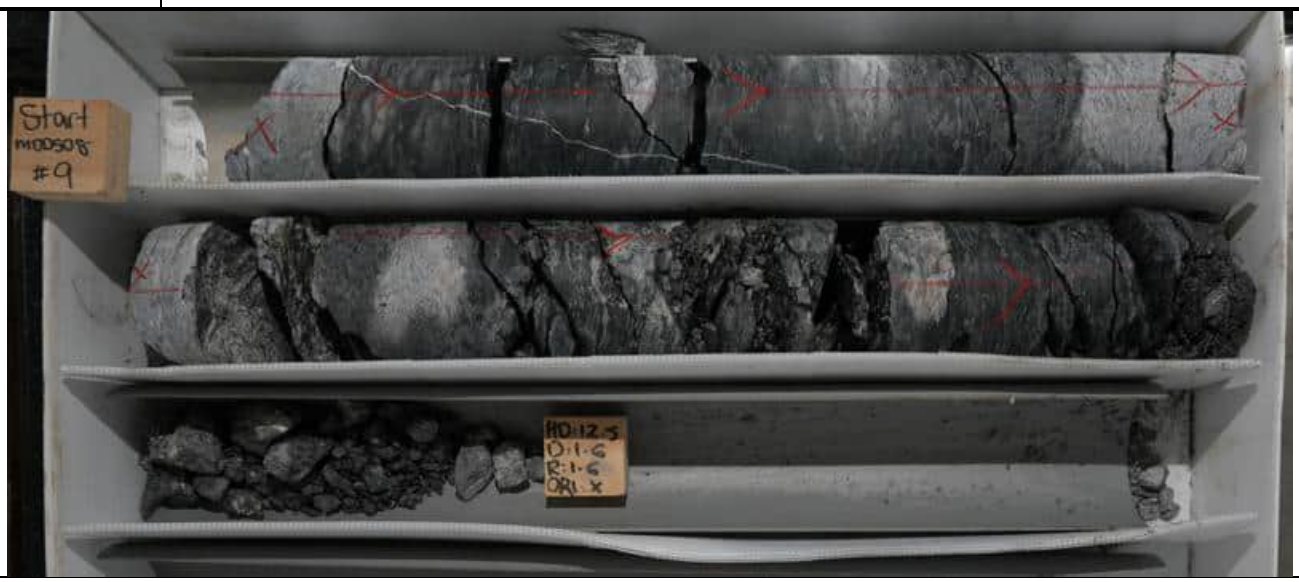


Depth: 8.0m – 9.3m



Depth: 9.3m – 11.2m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By: MGL	Date: Mar 2026
Title:	MDD508 - CORE BOX PHOTOGRAPHS		



Depth: 11.2m – 12.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 – SPT PHOTOGRAPHS		



Depth: 0m

Sample Missing No Recovery

Depth: 0.5m



Depth: 1.0m



Depth: 1.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 – SPT PHOTOGRAPHS		



Depth: 2.0m



Depth: 2.5m



Depth: 3.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 – SPT PHOTOGRAPHS		



Depth: 3.5m



Depth: 4.0m



Depth: 4.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD508 – SPT PHOTOGRAPHS		



Depth: 5.0m



Depth: 6.0m



Depth: 7.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD508		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD508 – SPT PHOTOGRAPHS				



Depth: 8.0m

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ROCK LOG

DRILLHOLE No.: MDD510

SHEET 1 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316600.1 North 5018636.6
GRID: NZGD 2000

RL GROUND: 424.2
DATUM: NZVD 2016

HOLE STARTED: 23/02/2026
HOLE FINISHED: 25/02/2026
HOLE DEPTH: 11.4m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Topsoil, organic silt.															
	Silty SAND, minor gravel and clay. Sand, fine. Gravel, fine, subrounded to angular. Brown. Loose, Dry, Low Plasticity.		424								0.45 SPT	0				N = 17 (S) 0.00m 3, 2 , 4, 4, 4, 5
											0.45 SPT	0				N = 17 (S) 0.50m 2, 3 , 5, 4, 4, 4
		1	423								0.45 SPT	0				N = 16 (S) 1.00m 4, 4 , 4, 3, 4, 5
	Gravelly SAND, minor silt. Sand, fine. Gravel, fine, subangular to angular. Brown. Medium Dense, Moist, Non-Plastic. Reacts with acid.				Standard penetration test -sample 1.0 - 1.5m 13.7% Fines						0.45 SPT	0				N = 29 (S) 1.50m 3, 7 , 8, 8, 6, 7
	Gravelly CLAY, minor sand and silt. Sand, medium to coarse. Gravel, fine, angular and tabular, highly weathered schist. Dark brown and grey and orange. Very Stiff, Moist, Moderate Plasticity.	2	422		Standard penetration test -sample 2.0 - 2.5m 14.9% Fines						0.45 SPT	0				N = 11 (S) 2.00m 4, 3 , 3, 3, 3, 2
	CLAY minor sand and gravel. Sand, medium to coarse. Gravel, fine, angular and tabular, highly weathered schist. Brown. Stiff, Wet, High Plasticity.				Standard penetration test -sample 2.5 - 3.0m 14.9% Fines						0.45 SPT	0				N = 4 (S) 2.50m 3, 3 , 1, 1, 1, 1
		3	421								0.45 SPT	0				N = 13 (S) 3.00m 2, 1 , 2, 4, 3, 4
	Gravelly CLAY, minor silt trace sand. Sand, coarse. Gravel, fine, angular and tabular, highly weathered schist. Brownish grey. Very Stiff, Moist, High Plasticity. Reacts with acid.				Standard penetration test -sample 3.5 - 4.0m 27.1% Fines						0.45 SPT	0				N = 10 (S) 3.50m 1, 1 , 1, 3, 3, 3
		4	420								0.45 SPT	0				N = 26 (S) 4.00m 5, 5 , 5, 6, 7, 8
	CLAY minor gravel. Gravel, fine, angular and tabular, highly weathered schist. Brownish grey. Very Stiff, Moist, High Plasticity.										0.40 SPT	0				N = 50+ (S) 4.50m 6, 6 , 9, 19, 20, 2
											0.10 TPO	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (11.4 m bgl). Slotted PVC standpipe installed, screened from 3.0 mbgl to 4.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:02 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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ROCK LOG

DRILLHOLE No.: MDD510

SHEET 2 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316600.1 North 5018636.6
GRID: NZGD 2000
RL GROUND: 424.2
DATUM: NZVD 2016
HOLE STARTED: 23/02/2026
HOLE FINISHED: 25/02/2026
HOLE DEPTH: 11.4m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Gravelly CLAY. Gravel, fine, angular and tabular, highly weathered schist. Brownish grey. Hard, Moist, Moderate Plasticity.		419								0.15 SPT	0				N = 50+ (S) 5.00m 20, 26 , 50
	Highly weathered, Brownish grey and orange, Psammitic Schist. Moderately Strong. Prevalent orange veins that react with acid. Very closely spaced Fractures, Sub-horizontal to steeply inclined.						HW	MS			0.85 TTPQ	0				
	Clayey GRAVEL. Gravel, fine, angular and tabular, highly weathered schist. Brown. Medium Dense, Moist, Non-Plastic.	6	418								0.45 SPT	0				N = 17 (S) 6.00m 6, 4 , 3, 5, 5, 4
											0.55 TTPQ	0				
		7	417								0.35 SPT	0				N = 50+ (S) 7.00m 3, 6 , 13, 16, 21
	Highly weathered, Brownish grey and orange, Psammitic Schist. Moderately Strong. Prevalent orange veins that react with acid. Closely spaced Fractures, Moderately inclined.										0.65 TTPQ	0		Groundwater Not Encountered		
		8	416				HW	MS			0.30 SPT	0				N = 50+ (S) 8.00m 9, 20 , 37, 13
											0.70 TTPQ	0				
	GRAVEL minor clay. Gravel, fine, angular and tabular, highly weathered schist. Brownish grey. Dense, Moist, Non-Plastic.	9									0.15 SPT	0				N = 50+ (S) 9.00m 18, 32
	Completely weathered, Brown. Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Breaks with hammer blows to Gravel and clay.		415				CW	W								
	Moderately weathered, Grey. Strong. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist, irregular fabrics present, from 20 to 86 degrees.						MW	S			0.75 TTPQ	0				
	Highly weathered, Grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Breaks by hand to fine gravel, coarse sand and clay.						HW	VW			1.10	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (11.4 m bgl). Slotted PVC standpipe installed, screened from 3.0 mbgl to 4.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:02 pm - Produced with Core-GS by Geroc

Engineering Geology Ltd
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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD510

SHEET 3 OF 3

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316600.1 North 5018636.6
GRID: NZGD 2000

RL GROUND: 424.2
DATUM: NZVD 2016

HOLE STARTED: 23/02/2026
HOLE FINISHED: 25/02/2026
HOLE DEPTH: 11.4m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Highly weathered, Grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Breaks by hand to fine gravel, coarse sand and clay.	11	414 413				HW VW				1.10 TTPQ 0.10 TTPQ 0.30 SPT	0 0 0		Groundwater Not Encountered		

EOH: 11.40 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (11.4 m bgl). Slotted PVC standpipe installed, screened from 3.0 mbgl to 4.0 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:40:02 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m - 0.95m



Depth: 0.95m – 1.95m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 - CORE BOX PHOTOGRAPHS		



Depth: 1.95m – 3.45m



Depth: 3.45m – 4.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 - CORE BOX PHOTOGRAPHS		



Depth: 4.45m – 5.15m



Depth: 5.15m – 6.7m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 - CORE BOX PHOTOGRAPHS		



Depth: 6.7m – 8.0m



Depth: 8.0m – 9.15m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 - CORE BOX PHOTOGRAPHS		



Depth: 9.15m - 11.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m



Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD510
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 – SPT PHOTOGRAPHS		

Depth: 2.0m



Depth: 2.5m



Depth: 3.0m



Depth: 3.5m



Depth: 4.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 – SPT PHOTOGRAPHS		



Depth: 4.5m



Depth: 5.0m



Depth: 6.0m



Depth: 7.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD510 – SPT PHOTOGRAPHS		



Depth: 8.0m



Depth: 9.0m

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ROCK LOG

DRILLHOLE No.: MDD511

SHEET 1 OF 4

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316780.2 North 5018598.8
GRID: NZGD 2000

RL GROUND: 433.9
DATUM: NZVD 2016

HOLE STARTED: 01/03/2026
HOLE FINISHED: 04/03/2026
HOLE DEPTH: 18.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Silty SAND, minor gravel. Sand, fine to coarse. Gravel, fine, angular. Brownish grey. Loose, Moist, Non-Plastic.	1	433		Standard penetration test -sample 1.0 - 1.5m 12.4% Fines						0.45 SPT	0		Groundwater Not Encountered		N = 11 (S) 0.00m 2, 2 , 3, 2, 3, 3 N = 8 (S) 0.50m 1, 2 , 2, 2, 2, 2 N = 9 (S) 1.00m 2, 2 , 2, 2, 2, 3
	Gravelly SAND some silt. Sand, fine to coarse. Gravel, fine, angular. Brownish grey. Medium Dense, Moist, Non-Plastic. Alluvial.	2	432								0.45 SPT	0				N = 10 (S) 1.50m 4, 4 , 4, 2, 2, 2
	Clayey SAND some gravel minor silt. Sand, fine to coarse. Gravel, fine, angular. Brown. Dense, Wet, Low Plasticity.	3	431		Standard penetration test -sample 2.5 - 3.0m 16.6% Fines						0.45 SPT	0				N = 7 (S) 2.00m 1, 1 , 1, 1, 3, 2 N = 11 (S) 2.50m 2, 3 , 2, 4, 2, 5
	Gravelly SAND some clay minor silt. Sand, fine to coarse. Gravel, fine, angular. Brown. Dense, Wet, Non-Plastic.	4	430		Standard penetration test -sample 3.5 - 4.0m 13.2% Fines						0.45 SPT	0				N = 16 (S) 3.00m 4, 4 , 4, 4, 4, 4 N = 10 (S) 3.50m 2, 1 , 1, 1, 3, 5 N = 16 (S) 4.00m 5, 6 , 5, 5, 3, 3
	Sandy GRAVEL minor clay. Sand, fine to coarse. Gravel, fine, angular. Brown. Dense, Wet, Non-Plastic.		429								0.45 SPT	0				N = 22 (S) 4.50m 5, 8 , 6, 6, 5, 5

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (18.0 m bgl). VWPs installed and grouted, tips at 10.7 mbgl and 17.2 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:32 pm - Produced with Core-GS by Geroc

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PO Box 301054, Albany, Auckland 0752
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ROCK LOG

DRILLHOLE No.: MDD511

SHEET 2 OF 4

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316780.2 North 5018598.8
GRID: NZGD 2000

RL GROUND: 433.9
DATUM: NZVD 2016

HOLE STARTED: 01/03/2026
HOLE FINISHED: 04/03/2026
HOLE DEPTH: 18.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Gravelly CLAY some sand. Gravel, fine, angular and tabular schist Brownish grey. Hard, Moist, Moderate Plasticity. Fines only recovered in the spt samples.	6 7 8 9	428 427 426 425 424		Standard penetration test -sample 5.0 - 5.5m 18.2% Fines						0.45 SPT 0.25 TTPQ 0.30 TTPQ 0.45 SPT 0.20 TTPQ 0.35 TTPQ 0.45 SPT 0.15 TTPQ 0.40 TTPQ 0.45 SPT 0.55 TTPQ 0.45 SPT 0.55 TTPQ	0 0 0 0 0 0 0 0 0 0 0 0 0		Groundwater Not Encountered		N = 20 (S) 5.00m 3, 3 , 5, 5, 5, 5 N = 29 (S) 6.00m 3, 3 , 6, 5, 8, 10 N = 34 (S) 7.00m 5, 6 , 6, 8, 9, 11 N = 38 (S) 8.00m 5, 9 , 10, 9, 9, 10 N = 35 (S) 9.00m 3, 5 , 5, 6, 10, 14

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (18.0 m bgl). VWPs installed and grouted, tips at 10.7 mbgl and 17.2 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:32 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
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Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD511

SHEET 3 OF 4

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316780.2 North 5018598.8
GRID: NZGD 2000
RL GROUND: 433.9
DATUM: NZVD 2016
HOLE STARTED: 01/03/2026
HOLE FINISHED: 04/03/2026
HOLE DEPTH: 18.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Gravelly CLAY some sand. Gravel, fine, angular and tabular schist Brownish grey. Hard, Moist, Moderate Plasticity. Fines only recovered in the spt samples.	11	423				CW	EW			0.45 SPT	0				N = 36 (S) 10.00m 7, 8 , 8, 7, 9, 12
											0.55 TTPQ	0				
											0.45 SPT	0				N = 35 (S) 11.00m 6, 11 , 11, 11, 8, 5
	Completely weathered, Orange, Schist. Extremely Weak. Breaks by hand to clay and gravel.										0.25 TTPQ	0				
	Completely weathered, Orange, Schist. Extremely Weak. Breaks by hand to clay and gravel.	12	422								0.30 TTPQ	0				
	Gravelly CLAY some sand. Gravel, fine, angular and tabular schist Brownish grey. Hard, Moist, Moderate Plasticity.										0.30 SPT	0				N = 50+ (S) 12.00m 9, 16 , 25, 25
	Highly weathered, Orange, Pelitic Schist. Very Weak.	13	421				HW	VW			0.70 TTPQ	0		Groundwater Not Encountered		
											0.30 SPT	0				N = 50+ (S) 13.00m 13, 26 , 33, 17
											0.70 TTPQ	0				
		14	420								0.15 SPT	0				N = 50+ (S) 14.00m 11, 39
	Moderately weathered, Dark grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Fabric present in compentent recovered parts, dipping at 6-15 degrees.						MW				0.55 TTPQ	0				
	Core loss.		419	C/L							0.40	0				

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (18.0 m bgl). VWPs installed and grouted, tips at 10.7 mbgl and 17.2 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:32 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD511

SHEET 4 OF 4

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316780.2 North 5018598.8
GRID: NZGD 2000
RL GROUND: 433.9
DATUM: NZVD 2016
HOLE STARTED: 01/03/2026
HOLE FINISHED: 04/03/2026
HOLE DEPTH: 18.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	Core loss.			C/L							0.40 TTPQ	0				
	Moderately weathered, Dark grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Fabric present in compentent recovered parts, dipping at 6-15 degrees.										0.40 TTPQ	0				
											0.30 TTPQ	0				
	Core loss.		418	C/L												
		16		C/L							0.60 TTPQ	0				
	Moderately weathered, Dark grey. Very Weak. Matrix supported, matrix of clay sized particles with clasts of angular psammitic schist. Fabric present in compentent recovered parts, dipping at 6-15 degrees.						MW	VW								
			417								0.50 TTPQ	0				
		17									0.80 TTPQ	0				
	Slightly weathered, Grey, Psammitic Schist. Strong.						SW	S			0.30 TTPQ	0		Groundwater Not Encountered		
			416													

EOH: 18.00 m

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (18.0 m bgl). VWPs installed and grouted, tips at 10.7 mbgl and 17.2 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:39:32 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD511
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m – 0.95m



Depth: 0.95m – 2.50m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 2.50m – 4.0m



Depth: 4.0m – 5.7m

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Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 5.7m – 7.0m



Depth: 7.0m – 8.45m

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Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 8.45m - 10.45m



Depth: 10.45m – 12.0m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 12.0m – 13.9m



Depth: 13.90m – 15.80m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 - CORE BOX PHOTOGRAPHS		



Depth: 15.80m – 17.9m



Depth: 17.9m – 18.0m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		



Depth: 2.0m



Depth: 2.5m

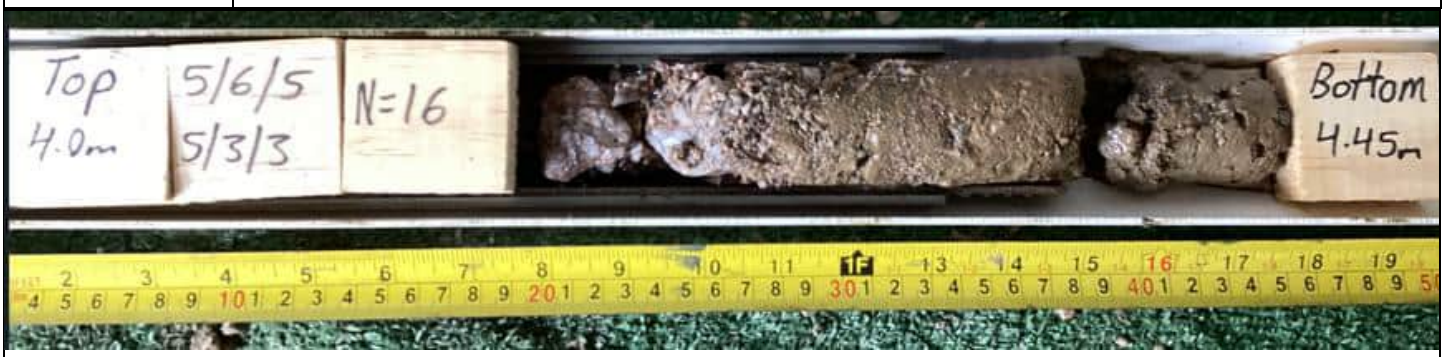


Depth: 3.0m



Depth: 3.5m

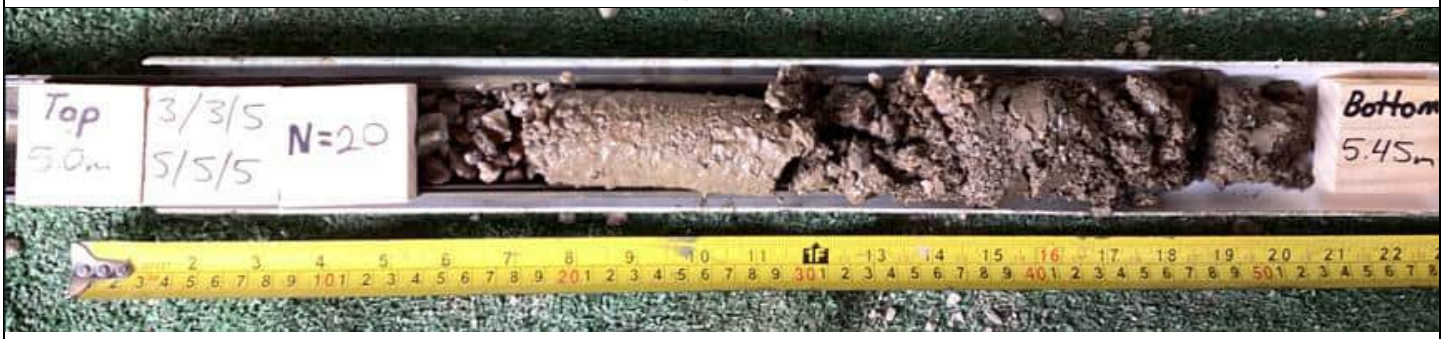
Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		



Depth: 4.0m



Depth: 4.5m



Depth: 5.0m



Depth: 6.0m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		



Depth: 7.0m



Depth: 8.0m



Depth: 9.0m



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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		

Depth: 10.0m



Depth: 11.0m



Depth: 12.0m



Depth: 13.0m

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		Photograph By:	MGL / Date: Mar 2026
Title:	MDD511 – SPT PHOTOGRAPHS		



Depth: 14.0m

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ROCK LOG

DRILLHOLE No.: MDD512

SHEET 1 OF 5

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316744.6 North 5018579.9
GRID: NZGD 2000

RL GROUND: 435.5
DATUM: NZVD 2016

HOLE STARTED: 26/02/2026
HOLE FINISHED: 28/02/2026
HOLE DEPTH: 20.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Sandy SILT minor gravel and clay. Sand, fine. Gravel, fine, angular highly weathered schist. Brown. Loose, Moist, Low Plasticity.		435								0.45 SPT	0				N = 14 (S) 0.00m 2, 2 , 4, 4, 3, 3
	Buried topsoil, organic SILT. Dark brown. Stiff, Moist, Non-plastic.										0.45 SPT	0				N = 14 (S) 0.50m 1, 2 , 5, 3, 4, 2
	Silty SAND minor gravel. Sand, fine. Gravel, fine, angular highly weathered schist. Brown. Loose, Moist, Low Plasticity.	1									0.45 SPT	0				N = 16 (S) 1.00m 2, 4 , 3, 4, 5, 4
	Sandy SILT minor gravel and clay. Sand, fine. Gravel, fine, angular highly weathered schist. Brown. Medium Dense, Moist, Low Plasticity.		434								0.45 SPT	0				N = 13 (S) 1.50m 2, 3 , 3, 3, 4, 3
		2			Standard penetration test -sample 1.5 - 2.0m 14.8% Fines						0.45 SPT	0				N = 15 (S) 2.00m 1, 3 , 3, 4, 4, 4
			433								0.45 SPT	0				N = 19 (S) 2.50m 1, 3 , 5, 5, 4, 5
		3			Standard penetration test -sample 2.5 - 3.0m 15.1% Fines						0.45 SPT	0				N = 12 (S) 3.00m 2, 3 , 3, 4, 3, 2
			432								0.45 SPT	0				N = 11 (S) 3.50m 2, 2 , 3, 2, 3, 3
		4									0.45 SPT	0				N = 16 (S) 4.00m 2, 5 , 4, 4, 5, 3
			431								0.45 SPT	0				N = 22 (S) 4.50m 2, 4 , 6, 5, 6, 5

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (20.0 m bgl). Slotted PVC standpipe installed, screened from 12.5 mbgl to 15.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:38:35 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD512

SHEET 2 OF 5

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316744.6 North 5018579.9
GRID: NZGD 2000

RL GROUND: 435.5
DATUM: NZVD 2016

HOLE STARTED: 26/02/2026
HOLE FINISHED: 28/02/2026
HOLE DEPTH: 20.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Core loss.			C/L	Standard penetration test -sample 5.0 - 5.5m 16.3% Fines						0.45 SPT 0.20 0.35 TTPQ	0 0 0				N = 19 (S) 5.00m 4, 4 , 5, 5, 4, 5
	Sandy SILT minor gravel and clay. Sand, fine. Gravel, fine, angular highly weathered schist. Brown. Medium Dense, Moist, Low Plasticity.	6	430								0.45 SPT	0				N = 14 (S) 6.00m 2, 3 , 3, 3, 4, 4
	GRAVEL minor cobbles. Gravel, fine to coarse, angular and tabular schist and quartz. Cobbles up to 80mm. Grey and white. Dense, Moist, Non-Plastic.	7	429								NR 0.30 TTPQ 0.20 TTPQ	0 0 0				
	Gravelly CLAY minor sand and cobbles. Sand, fine. Gravel, fine to coarse, angular and tabular schist and quartz. Cobbles up to 80mm. Brownish grey, grey and white, Hard, Moist, Low Plasticity.	8	428								0.45 SPT 0.15 TTPQ 0.30 TTPQ 0.10 TTPQ	0 0 0 0		Groundwater Not Encountered		N = 38 (C) 7.00m 4, 7 , 8, 10, 9, 11
	CLAY trace gravel and sand. Sand, coarse. Gravel, fine, subrounded, orange, pink and white material. Dark brown and orange. Hard, Moist, Moderate Plasticity. Orange material reacts slightly with acid. Has a subhorizontal to gently inclined fabric. Original strength unknown, fingerprints present, driller induced.	9	427		Standard penetration test -sample 8.0 - 8.5m 30.9% Fines						0.45 SPT 0.55 TTPQ	0 0				N = 17 (C) 8.00m 4, 4 , 4, 4, 4, 5
	Gravelly CLAY. Gravel, fine, angular and tabular schist. Greyish brown. Hard, Moist, Non-Plastic.		426								0.45 SPT 0.55 TTPQ	0 0				N = 19 (C) 9.00m 3, 3 , 4, 5, 5, 5

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (20.0 m bgl). Slotted PVC standpipe installed, screened from 12.5 mbgl to 15.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:38:35 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD512

SHEET 3 OF 5

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316744.6 North 5018579.9
GRID: NZGD 2000
RL GROUND: 435.5
DATUM: NZVD 2016
HOLE STARTED: 26/02/2026
HOLE FINISHED: 28/02/2026
HOLE DEPTH: 20.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Gravelly CLAY. Gravel, fine, angular and tabular schist. Greyish brown. Hard, Moist, Non-Plastic.										0.45 SPT	0				N = 40 (C) 10.00m 6, 8 , 8, 8, 10, 14
	Core loss.		425	C/L							0.25 TTPQ	0				
	Gravelly CLAY. Gravel, fine, angular and tabular schist. Greyish brown. Hard, Moist, Non-Plastic.	11		C/L							0.30 TTPQ	0				
											0.45 SPT	0				N = 41 (C) 11.00m 7, 9 , 13, 11, 10, 7
			424								0.10 TTPQ	0				
											0.45 TTPQ	0				
		12									0.45 SPT	0				N = 35 (C) 12.00m 5, 6 , 9, 9, 9, 8
	Core loss.		423	C/L							0.35 TTPQ	0				
	Gravelly CLAY. Gravel, fine, angular and tabular schist. Greyish brown. Hard, Moist, Non-Plastic.			C/L							0.20 TTPQ	0				
		13									0.45 SPT	0				N = 50+ (C) 13.00m 7, 6 , 8, 14, 16, 13
			422								0.20 TTPQ	0				
											0.35 TTPQ	0				
		14									0.45 SPT	0				N = 26 (C) 14.00m 3, 3 , 5, 6, 7, 8
			421								0.15 TTPQ	0				
											0.40 TTPQ	0				

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (20.0 m bgl). Slotted PVC standpipe installed, screened from 12.5 mbgl to 15.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:38:35 pm - Produced with Core-GS by Geroc

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ROCK LOG

DRILLHOLE No.: MDD512

SHEET 4 OF 5

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316744.6 North 5018579.9
GRID: NZGD 2000

RL GROUND: 435.5
DATUM: NZVD 2016

HOLE STARTED: 26/02/2026
HOLE FINISHED: 28/02/2026
HOLE DEPTH: 20.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing									
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2, 5, 10, 20, 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25, 50, 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25, 50, 75)	FIELD TESTS
	Gravelly CLAY. Gravel, fine, angular and tabular schist. Greyish brown. Hard, Moist, Non-Plastic.		420								0.45 SPT 0.45 TTPQ 0.10 TTPQ	0 0 0				N = 24 (C) 15.00m 4, 4 , 5, 6, 7, 6
	Highly weathered, Grey, Schist. Very Weak. Breaks with hammer blows to clay and gravel.	16					HW	VW			0.25 SPT 0.15 TTPQ	0 0				N = 50+ (C) 16.00m 11, 35 , 35, 16
	Moderately weathered, Grey, Pelitic Schist. Weak. Very closely spaced Fractures, Gently to moderately inclined.		419				MW	W			0.40 TTPQ	0				
	Core loss.			C/L							0.20 TTPQ	0				
	Highly weathered, Grey, Psammitic Schist. Very Weak. Breaks with hammer blows to clay and gravel.	17					HW	VW			0.15 SPT	0				N = 50+ (C) 17.00m 17, 31
	Core loss.			C/L												
	Slightly weathered, Grey, Psammitic Schist. Weak.		418				SW	W			0.85 TTPQ	0				
	Clayey SAND. Sand, fine. Grey. Very Dense, Moist, Non-Plastic.	18									0.30 SPT	0				N = 50+ (C) 18.00m 14, 20 , 25, 26
	Core loss.		417	C/L C/L C/L							0.50 TTPQ 0.20 TTPQ	0 0				
	Slightly weathered, Grey, Psammitic Schist. Strong. Very closely spaced Fractures, Gently to moderately inclined.	19					SW	S			0.20 TTPQ 0.20 TTPQ	0 0				
	Core loss.		416	C/L							0.60 TTPQ	0				
	Moderately weathered, Grey, Psammitic Schist. Very Weak. Breaks with hammer blows to tabular gravel.						MW	VW								

Groundwater Not Encountered

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (20.0 m bgl). Slotted PVC standpipe installed, screened from 12.5 mbgl to 15.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:38:35 pm - Produced with Core-GS by Geroc

EGL Geotechnical, Earthquake and Dam Engineers
Engineering Geology Ltd
+64 9 486 2546
info@egl.co.nz
Unit 7C, 331 Rosedale Road, Albany, Auckland
PO Box 301054, Albany, Auckland 0752
www.egl.co.nz

ROCK LOG

DRILLHOLE No.: MDD512

SHEET 5 OF 5

Job No.: 9702-Process Plant

PROJECT: Bendigo Process Plant SPT boreholes
LOCATION: Process Plant
COORDINATES: East 1316744.6 North 5018579.9
GRID: NZGD 2000

RL GROUND: 435.5
DATUM: NZVD 2016

HOLE STARTED: 26/02/2026
HOLE FINISHED: 28/02/2026
HOLE DEPTH: 20.0m
INCLINATION: Vertical
ORIENTATION:

Core Description					Rock Defects			Drilling & Testing								
GEOLOGICAL UNIT	ROCK / SOIL MATERIAL DESCRIPTION	DRILLED LENGTH (m)	ELEVATION RL (m)	GRAPHIC LOG	DEFECT DESCRIPTION & ADDITIONAL NOTES	FRACTURE FREQUENCY (2 5 10 20 50)	WEATHERING	ROCK STRENGTH	PT LOAD / UCS (MPa)	CORE LOSS (%) (25 50 75)	CORE LENGTH / TYPE	RQD (%)	SAMPLES	WATER LEVEL	WATER LOSS (%) (25 50 75)	FIELD TESTS
	EOH: 20.00 m															

NOTES: Coordinates and elevation obtained from MGL site surveyor. Logged to NZGS guidelines (2005). Angles are measured from horizontal. Target depth reached (20.0 m bgl). Slotted PVC standpipe installed, screened from 12.5 mbgl to 15.5 mbgl, refer to as-built diagram. Boxed core stored at MGL depot.

LOGGED: EGL
CHECKED:
DRILLER: Alton Drilling
DRILL TYPE: Rotary cored PQ

EGL - Rock Log Process Plant - 28/05/2026 1:38:35 pm - Produced with Core-GS by Geroc

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 0.0m – 1.00m



Depth: 1.0m - 2.45m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 2.45m – 3.95m



Depth: 3.95m – 6.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 6.0m – 7.90m



Depth: 7.90m – 8.60m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 8.6m – 10.0m



Depth: 10.0m - 12.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By: MGL	Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 12.0m – 13.85m



Depth: 13.85m – 15.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 - CORE BOX PHOTOGRAPHS		



Depth: 15.0m – 16.55m



Depth: 16.55m – 18.30m

Client:	MATAKANUI GOLD LIMITED	**EGL Job No.**	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		**Location:**	Processing Plant MDD512
		Photograph By: MGL	**Date:** Mar 2026
Title:	**MDD512 - CORE BOX PHOTOGRAPHS**		



Depth: 18.30m – 20.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS		



Depth: 0.0m



Depth: 0.5m



Depth: 1.0m



Depth: 1.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS		



Depth: 2.0m



Depth: 2.5m



Depth: 3.0m



Depth: 3.5m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512		
		Photograph By:	MGL	Date:	Mar 2026
Title:	**MDD512 – SPT PHOTOGRAPHS**				



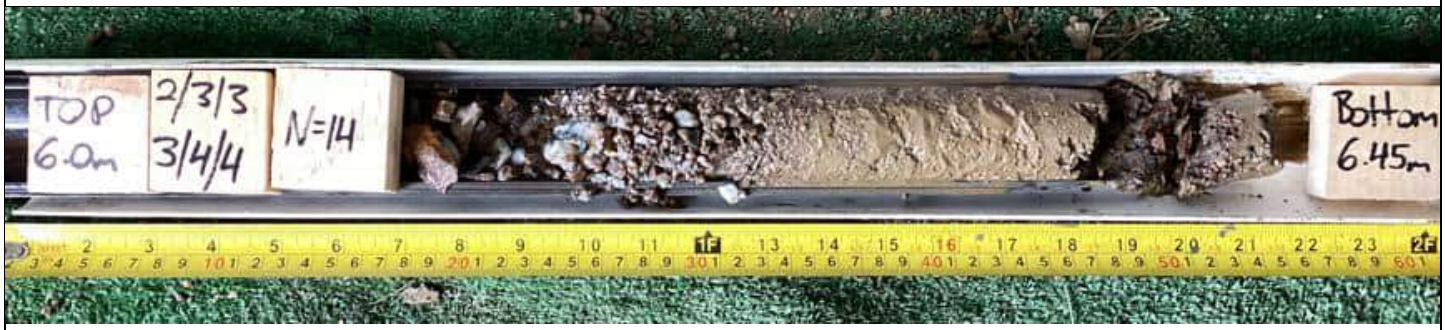
Depth: 4.0m



Depth: 4.5m



Depth: 5.0m



Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS		

Depth: 6.0m



Depth: 7.0m



Depth: 8.0m



Depth: 9.0m



Depth: 10.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers	Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz	Location:	Processing Plant MDD512		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS				



Depth: 11.0m



Depth: 12.0m



Depth: 13.0m



Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512
		Photograph By:	MGL / Date: Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS		

Depth: 14.0m



Depth: 15.0m



Depth: 16.0m



Depth: 17.0m

Client:	MATAKANUI GOLD LIMITED	EGL Job No.	9702		
EGL Geotechnical, Earthquake and Dam Engineers Engineering Geology Ltd +64 9 486 2546 info@egl.co.nz Unit 7C, 331 Rosedale Road, Albany, Auckland PO Box 301054, Albany, Auckland 0752 www.egl.co.nz		Location:	Processing Plant MDD512		
		Photograph By:	MGL	Date:	Mar 2026
Title:	MDD512 – SPT PHOTOGRAPHS				



Depth: 18.0m

PSM BOREHOLES

MDD286, MDD287, MDD289, MDD290

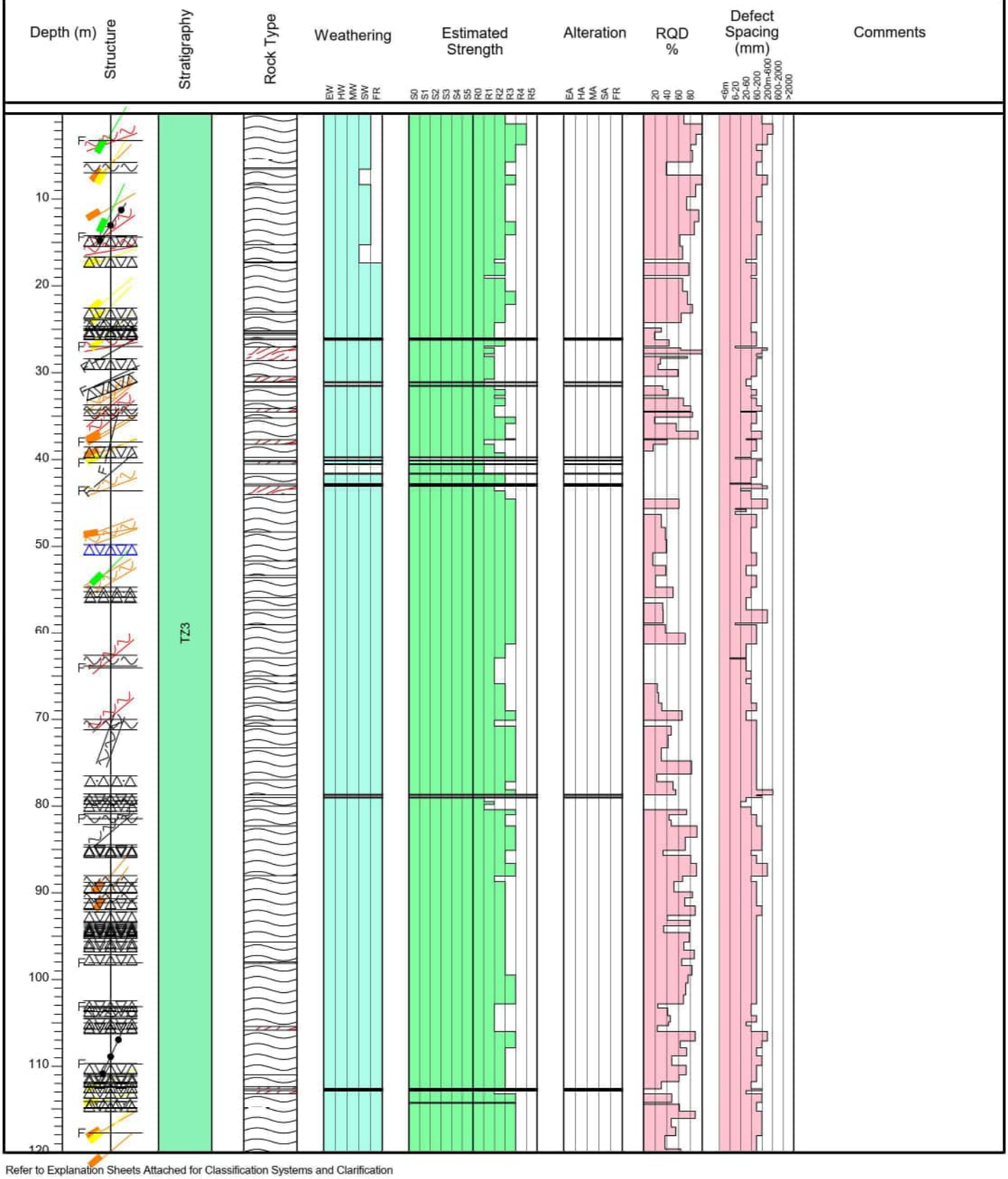
Borehole ID

MDD286

Sheet 1 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM004	Easting:	1318088
Date hole commenced:	06/02/24	Inclination/Azimuth:	-70° / 126°	Northing:	5017237
Date hole complete:	19/02/24	Surface R.L.:	714.588 m	Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

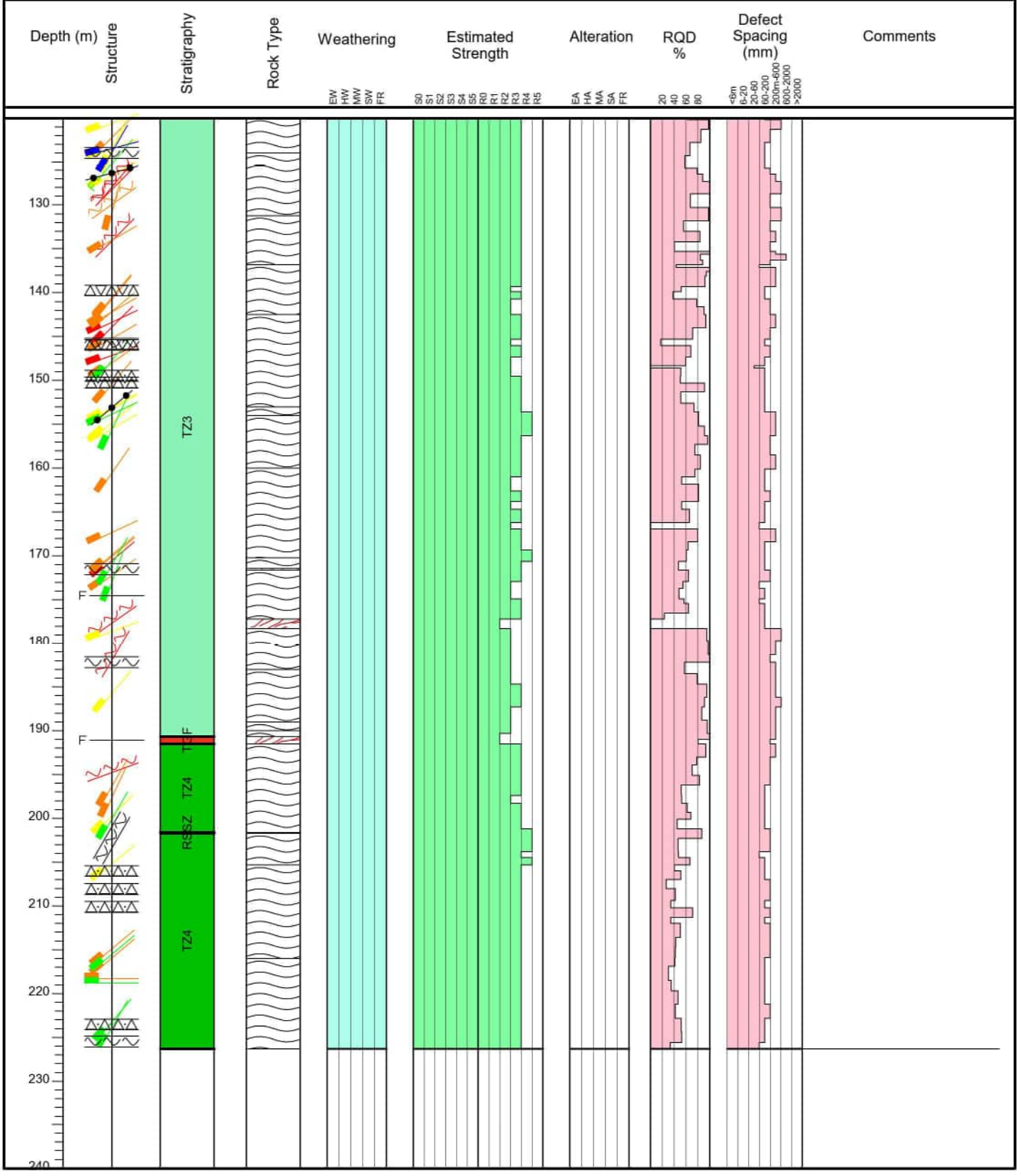
Borehole ID

MDD286

Sheet 2 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM004	Easting:	1318088
Date hole commenced:	06/02/24	Inclination/Azimuth:	-70° / 126°	Northing:	5017237
Date hole complete:	19/02/24	Surface R.L.:	714.588 m	Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

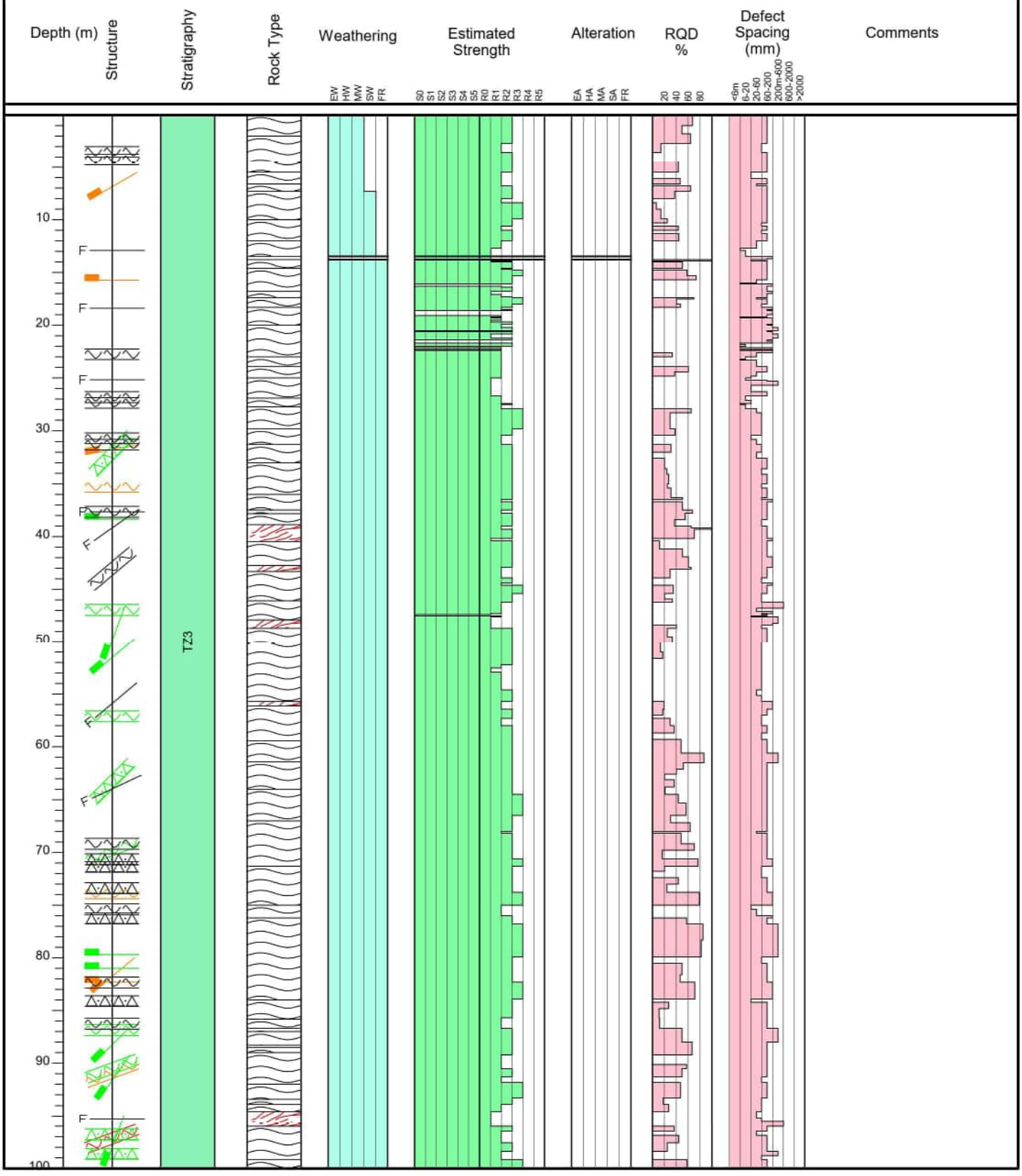
Borehole ID

MDD287

Sheet 1 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM001	Easting:	
Date hole commenced:	12/02/24	Inclination/Azimuth:	-72° / 058°	Northing:	
Date hole complete:	23/02/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

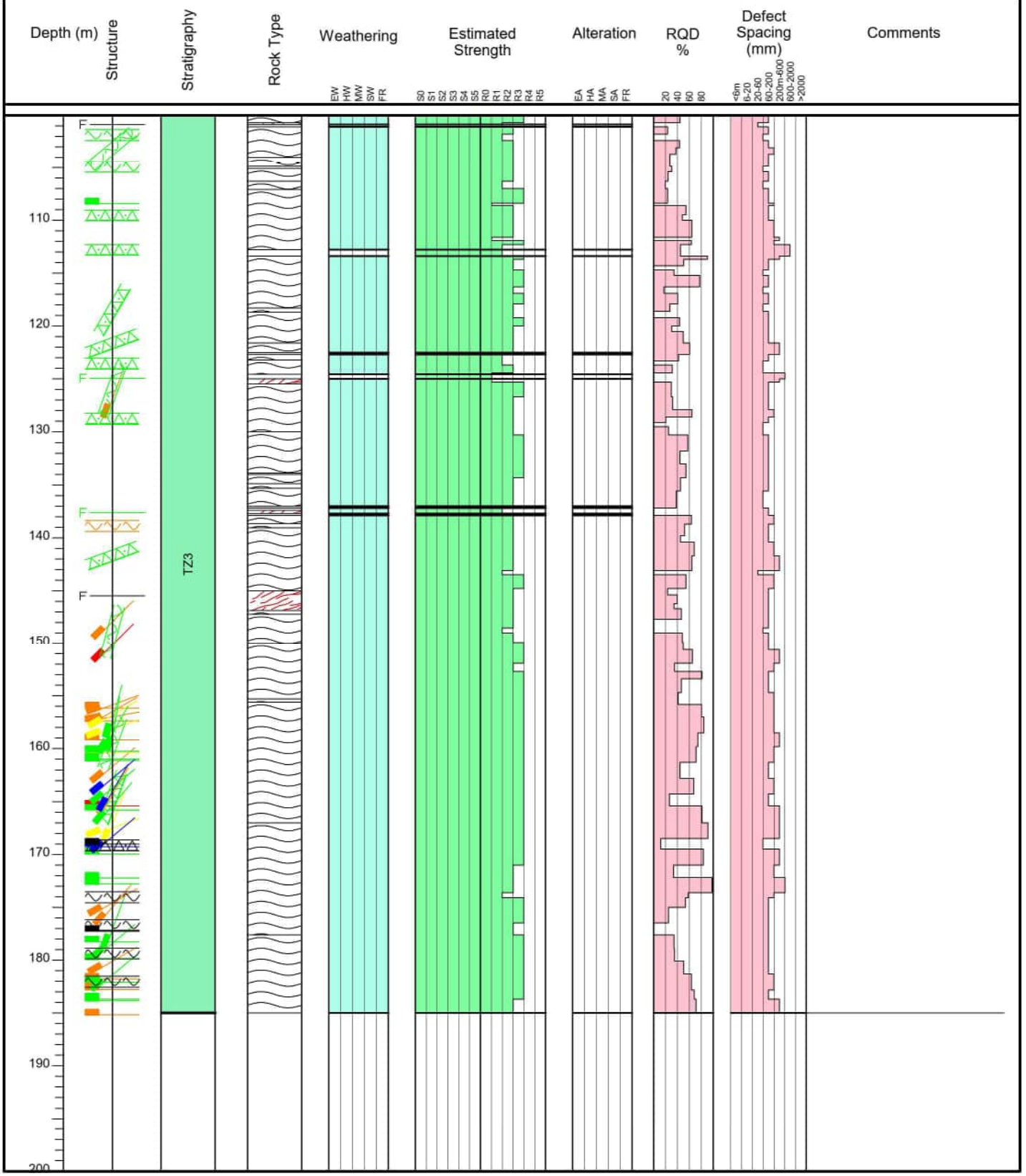
Borehole ID

MDD287

Sheet 2 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM001	Easting:	
Date hole commenced:	12/02/24	Inclination/Azimuth:	-72° / 058°	Northing:	
Date hole complete:	23/02/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

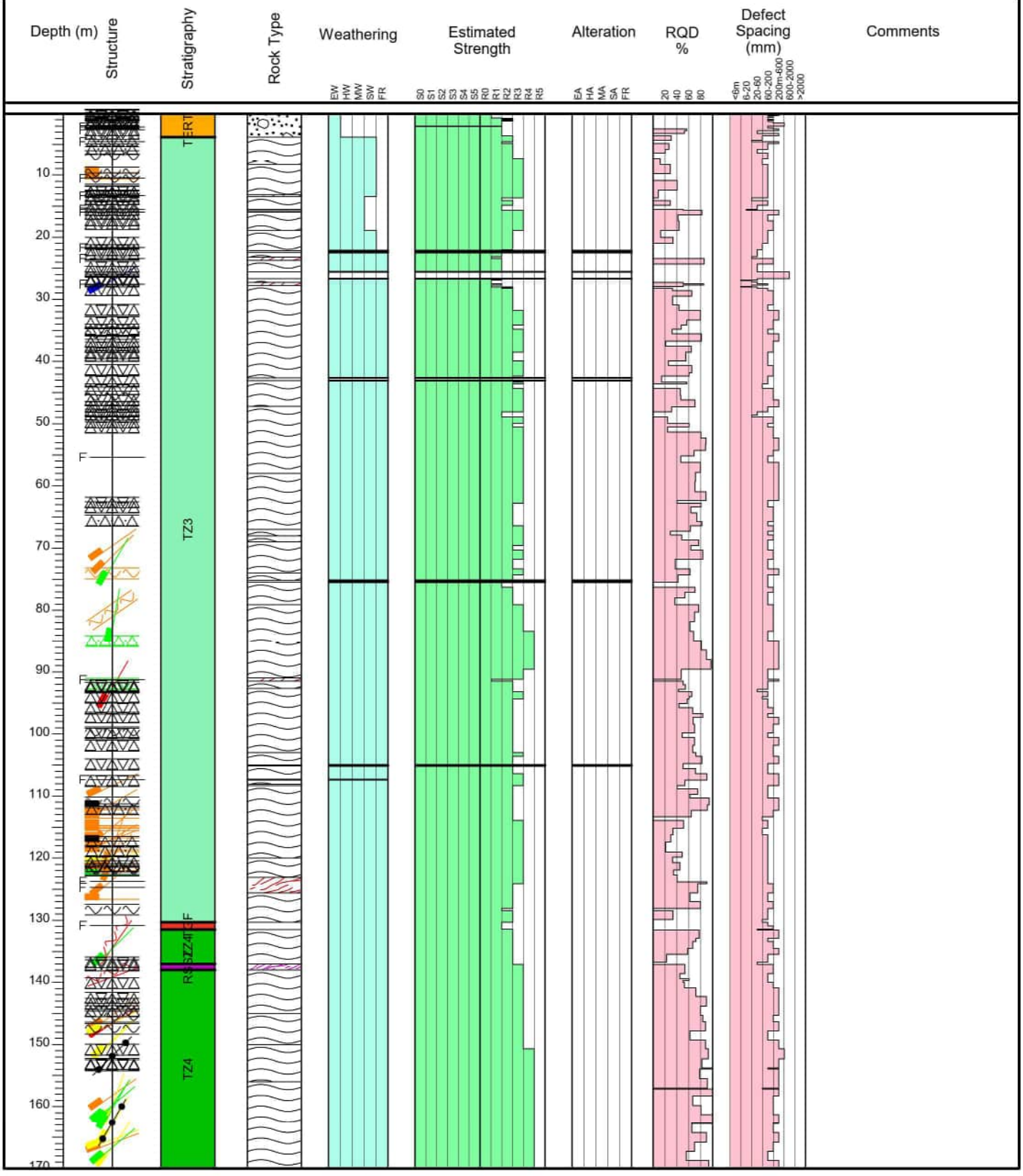
Borehole ID

MDD289

Sheet 1 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM004?	Easting:	
Date hole commenced:	21/02/24	Inclination/Azimuth:	-71° / 241°	Northing:	
Date hole complete:	11/03/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

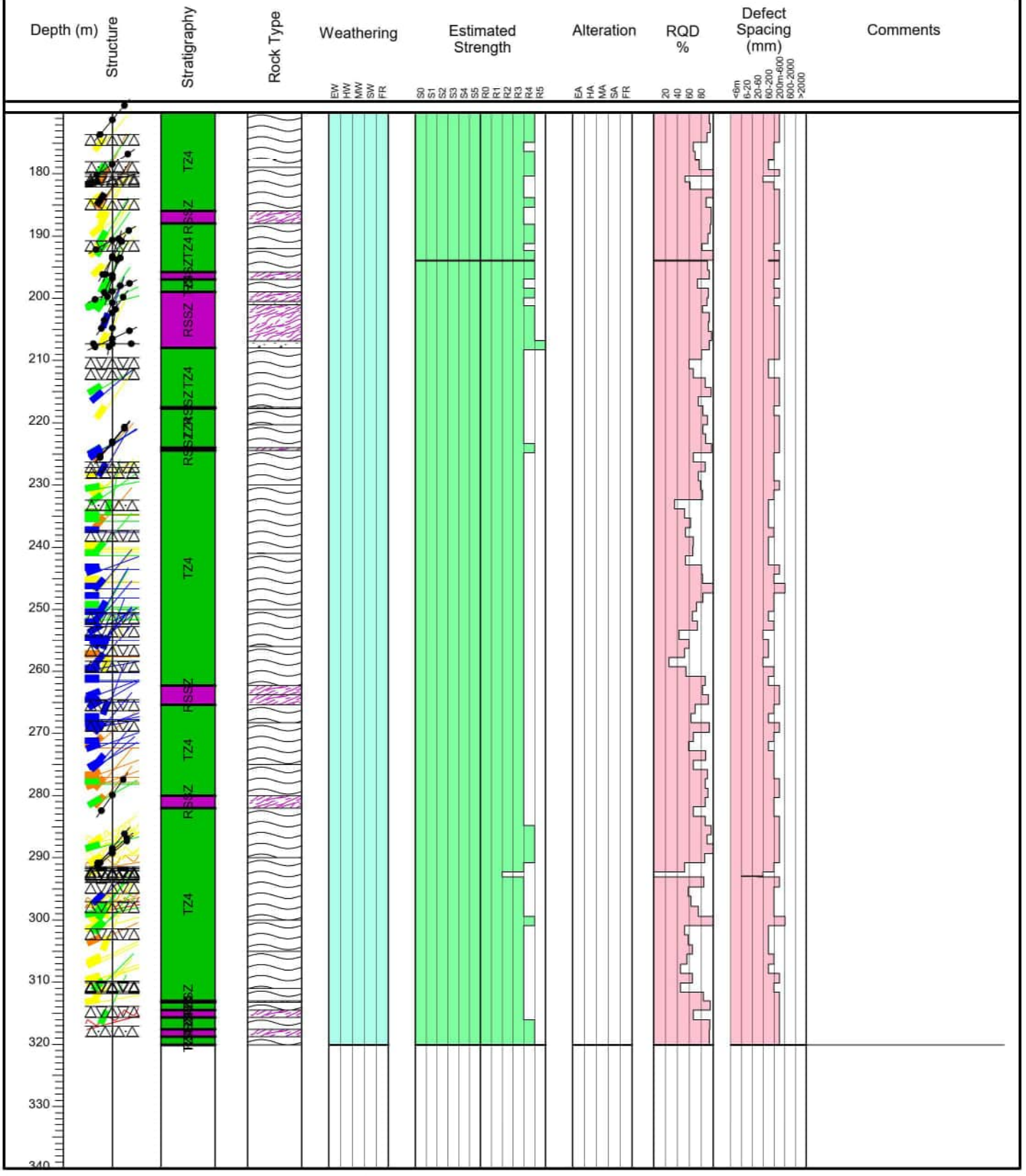
Borehole ID

MDD289

Sheet 2 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM004?	Easting:	
Date hole commenced:	21/02/24	Inclination/Azimuth:	-71° / 241°	Northing:	
Date hole complete:	11/03/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

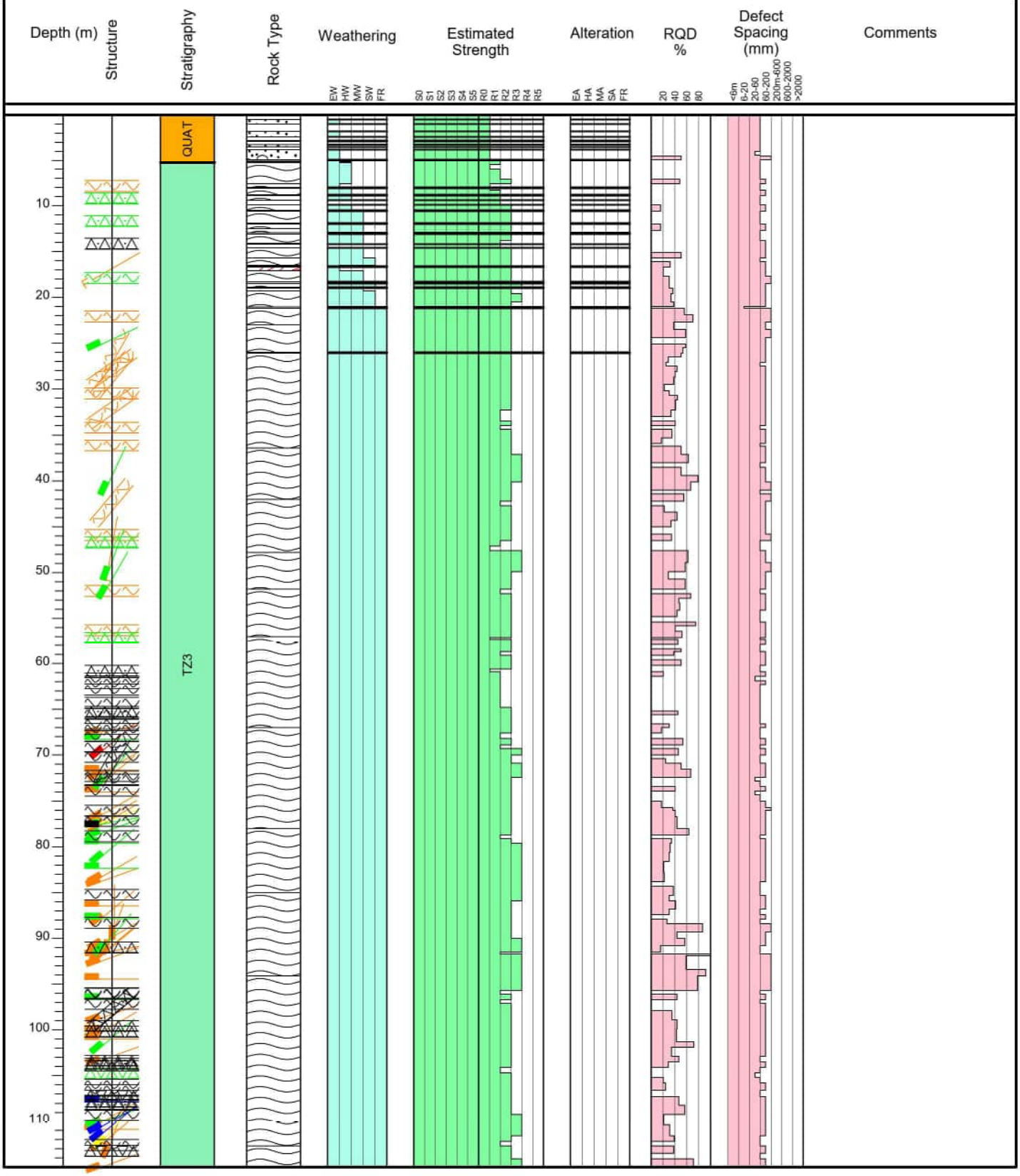
Borehole ID

MDD290

Sheet 1 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM001?	Easting:	
Date hole commenced:	26/02/24	Inclination/Azimuth:	-90° /	Northing:	
Date hole complete:	10/03/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

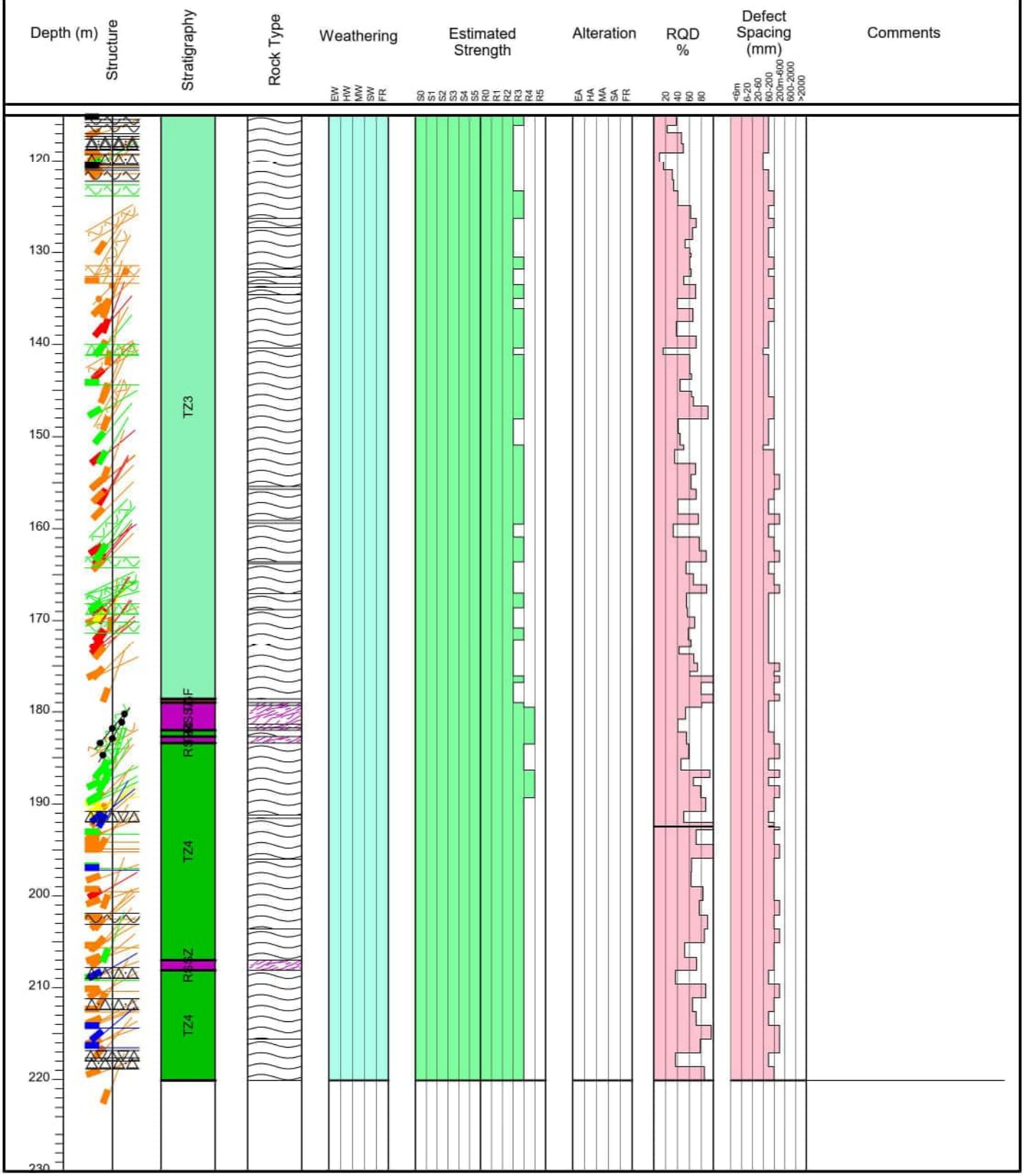
Borehole ID

MDD290

Sheet 2 of 2

Borehole Log

Job No:	PSM5131	Drill information:			
Client:	Santana Minerals Ltd	Core diameter:	HQ3		
Project:	Rise and Shine (RAS) Open Pit	Datum:			
Drilling subcontractor:	Alton Drilling	Borehole location:	PSM001?	Easting:	
Date hole commenced:	26/02/24	Inclination/Azimuth:	-90° /	Northing:	
Date hole complete:	10/03/24	Surface R.L.:		Logged by:	



Refer to Explanation Sheets Attached for Classification Systems and Clarification

EXPLANATION SHEET
MINING BOREHOLE LOG

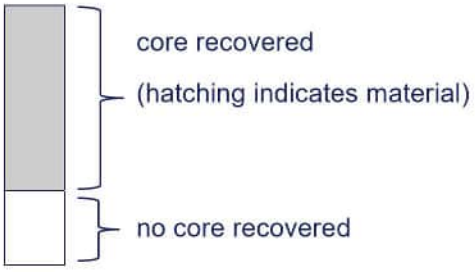
Method

Symbol	Diameter (mm)
Auger	Variable
NMLC	51.9
BQ	36.5
NQ	47.6
HQ	63.5
PQ	85.0
Dry-Plug	N/A
Percussion	variable

Water

Symbol	Level Type
C	Complete Water Loss
I	Water Inflow
L	Water Level
P	Partial Water Loss

Graphic Log/Core Loss



Testing

Symbol	Term
UCS	Unconfined Compressive Strength
TX	Triaxial Test
DS	Direct Shear Test
PS	Particle Size Distribution
BT	Brazilian Test
DT	Direct Tensile
PT	Petrographical Sample
MH	Material Hardness (undifferentiated)
SD	Slake Durability
PD	Porosity/Density
PE	Permeability Test
U50	Undisturbed Sample 50mm diameter
D	Disturbed Sample
Bs	Bulk Sample
PLA	Point Load Axial Test Is50 (MPa)
PLD	Point Load Diametral Test Is50 (MPa)

RQD

$$RQD = \frac{\text{cumulative length of core pieces} > 10\text{cm (m)}}{\text{rock mass unit length (m)}} \times 100\%$$

RQD Class (%)	Rock Quality Description
0 - 25	very poor
25 - 50	poor
50 - 75	fair
75 - 90	good
90 - 100	excellent

Weathering

Symbol	Term	Description
FR	Fresh	Rock substance unaffected by weathering.
SW	Slightly Weathered	Rock substance affected by weathering to the extent that partial staining or partial discolouration of the rock substance usually by limonite has taken place. The colour and texture of the fresh rock is recognisable; strength properties are essentially those of the fresh rock substance.
MW	Moderately Weathered	Rock substance affected by weathering to the extent staining extends throughout whole of the rock substance and the original colour of the fresh rock is no longer recognisable.
HW	Highly Weathered	Rock substance affected by weathering to the extent that limonite staining or bleaching affects the whole of the rock substance and signs of chemical or physical decomposition of individual minerals are usually evident. Porosity and strength may be increased or decreased when compared to the fresh rock substance, usually as a result of the leaching or deposition of iron. The colour and strength of the original fresh rock substance is no longer recognisable.
EW	Extremely Weathered	Rock substance affected by weathering to the extent that the rock exhibits soil properties, i.e. it can be remoulded and can be classified according to the Unified Soil Classification System, but the texture of the original rock is still evident.

Alteration

Symbol	Term	Description
FR	Fresh	Rock substance unaffected by alteration including oxidation. Fresh BIF is generally magnetic.
SA	Slightly Altered	Rock substance affected by alteration to the extent that partial oxidation and/or bleaching has taken place. The texture of the unaltered rock is recognisable. The original colour of the unaltered rock may still be recognizable. No leaching of silicates should have occurred. BIF is generally magnetic.
MA	Moderately Altered	Rock substance affected by alteration to the extent that oxidation and/or bleaching extends throughout whole of the rock substance and the original colour and texture of the unaltered rock is no longer recognisable. Some leaching (removal) of silicates should have occurred. BIF is not magnetic.
HA	Highly Altered	Rock substance affected by alteration to the extent that oxidation and/or bleaching affects the whole of the rock substance and signs of chemical or physical decomposition of individual minerals are usually evident. Porosity and strength may be increased or decreased when compared to the unaltered rock substance. Significant leaching of silicates should have occurred to the extent that the rock may be considered low grade ore.
EA	Extremely Altered	Rock substance affected by alteration to the extent that the parent rock minerals are absent or entirely replaced. The rock may be considered as ore.

Field Estimated Strength

Based on AS1726-1993 'Geotechnical site investigations' and CANMET 'Pit Slope Manual' (1977).

FES - Soils

Symbol	Description for Field Estimation of Soils	Approximate Strength Classification		
		Consistency	Cu(kPa)	UCS (MPa)
S0	Easily penetrated several centimetres by fist	Very soft	≤ 12	≤ 0.025
S1	Easily penetrated several centimetres by thumb. Can be moulded by light finger pressure.	Soft	12-25	0.025-0.05
S2	Can be penetrated by thumb with moderate effort. Can be moulded by strong finger pressure.	Firm	25-50	0.05-0.1
S3	Readily indented by thumb.	Stiff	50-100	0.1-0.2
S4	Readily indented by thumbnail	Very Stiff	100-200	0.2-0.4
S5	Indented with difficulty by thumbnail	Hard	200-350	0.4-0.7

FES - Rock

Symbol	Description for Field Estimation of Rock	Strength Classification	
		Strength Classification	UCS (MPa)
R0	Thumbnail easily scratches; gentle blow with geological pick leaves deep impression.	Extremely Low	0.7-1.5
R1	Can be peeled by a pocket knife. Crumbles under firm blows with geological pick.	Very Low	1.5-3.0
R2	Can be peeled by a pocket knife with difficulty; shallow indentation made by firm blow of geological pick.	Low	3.0-10
R3	Cannot be scraped or peeled with a pocket knife; specimen can be fractured with single firm blow of hammer end of geological pick.	Medium	10-25
R4	Specimen requires more than one blow with hammer end of geological pick to fracture.	High	25-80
R5	Specimen requires many blows of hammer end of geological pick to fracture.	Very High	>80

Defect Description

Order of description: type, inclination, shape, roughness, infill type, infill thickness, number

Defect type

Symbol	Description
CL	Clay Seam
FL	Fault - fracture along which displacement is recognisable.
SR	Shear - a fracture along which movement has taken place but no displacement is recognisable. Evidence for movement may be slickensides, polishing and/or clay gouge.
SH	Sheared Zone - zone of multiple closely spaced fracture planes with roughly parallel planar boundaries usually forming blocks of lenticular or wedge shaped intact material. Fractures are typically smooth, polished or slickensided; and curved.
BG	Bedding parting - arrangement in layers of mineral grains or crystals parallel to surface of deposition along which a continuous observable parting occurs.
BSH	Bedding plane shear - a shear formed along a bedding plane
JN	Joint - a single fracture across which rock has little or no tensile strength and is not obviously related to rock fabric.
CN	Contact - surface between two lithologies.
SC	Schistosity - plane formed by the preferred orientation of the constituent minerals in a parallel arrangement in a coarse grained rock which has undergone regional metamorphism (schist).
CV	Cleavage - plane of mechanical fracture in a rock normally sufficiently closely spaced to form parallel-sided slices.
FO	Foliation
CZ	Crushed Zone - zone with roughly parallel, planar boundaries (commonly slickensided) containing disoriented usually angular rock fragments of variable size often in a soil matrix.
VN	Vein - fracture in which a tabular or sheet-like body of minerals have been intruded.
DK	Dyke - Igneous intrusion - often weathered and altered to a clay like substance.
DZ	Decomposed Zone - zone of any shape but commonly with parallel planar boundaries containing moderately to gradational boundaries into fresher rock.
FR	Fracture
FZ	Fractured Zone - a zone of closely spaced defects (mainly joints, bedding, cleavage and/or schistosity) comprised of core lengths in the order of 50mm or less.
DI	Drilling Induced Fracture - Fracture caused by drilling. Usually smooth (if core has spun) or irregular/serrated (if rock has broken in tension).

Inclination

For specific defects, the orientation of each individual defect is noted in degrees from the normal to the core axis. If the orientation cannot be measured, a dash (-) is used.

Shape

Symbol	Term	Description
PL	Planar	Forms a continuous plane without variation in orientation.
CU	Curved	Has a gradual change in orientation
UN	Undulating	Has a wavy surface shape
ST	Stepped	Has one or more well defined steps
IR	Irregular	Many changes of orientation.

Roughness

Symbol	Term	Description
Ro1	Slickensided or polished	Very smooth, reflects light.
Ro2	Smooth	Roughness not detected with finger.
Ro3	Defined ridges	Sandpaper feel (fine to medium sandpaper).
Ro4	Small steps	Sandpaper feel (medium to coarse sandpaper).
Ro5	Very rough	Very well defined ridges and/or steps.

Infill Type

Symbol	Description	
KL	Clean	
CA	Calcite	
CB	Carbonaceous material	
CH	Chlorite	
CT	Carbonate	
FE	Iron oxide	
LM	Limonite	
QZ	Quartz	
MG	Manganese	
SU	Sulphides	
SE	Sericite	
RF	Rock fragments	
PY	Pyrite	
g	gravelly -	Lower case letters are used as prefixes
s	sandy -	
z	silty -	
c	clayey -	
G	Gravel	
S	Sand	
Z	Silt	
CL	Clay	
HE	Haematite	

Infill Thickness

Where infilling is present, the thickness of infill is recorded using the following convention:

ST Iron oxide staining of less than 1 mm

VN Veneer coating of less than 1 mm

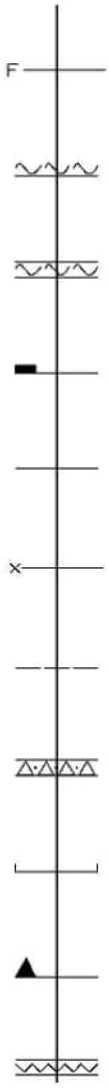
If the infilling is greater than 1 mm, the actual thickness of infill is recorded in millimeters.

If infill is not present, 'clean' (KL) is recorded

Number

Number of defects with similar characteristics.

Standard Defect Symbols



Fault

Shear

Shear Zone

Joint

Bedding

Bedding Shear

Contact

Crush Zone

Cleavage

Schistosity

Dyke