



Hidden Valley Mine

PNG Mining and Petroleum Investment Conference

Port Moresby December 2013

Bevan Jones – General Manager

Disclaimer: Newcrest Mining Limited



Forward Looking Statements

These materials include forward looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “continue”, and “guidance”, or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the company’s actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the company and its management’s good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the company’s business and operations in the future. The company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the company’s business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the company or management or beyond the company’s control.

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Ore Reserves and Mineral Resources Reporting Requirements

As an Australian company with securities listed on the Australian Securities Exchange (“ASX”), Newcrest is subject to Australian disclosure requirements and standards, including the requirements of the Corporations Act and the ASX. Investors should note that it is a requirement of the ASX listing rules that the reporting of ore reserves and mineral resources in Australia comply with the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the “JORC Code”) and that Newcrest’s ore reserve and mineral resource estimates comply with the JORC Code. Newcrest was until recently listed on the Toronto Stock Exchange (“TSX”) but ceased that listing on 4 September 2013. Newcrest will continue to be subject to certain Canadian disclosure requirements and standards, including the requirements of National Instrument 43-101 - Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators (“NI 43-101”) until it ceases to be an Ontario Securities Commission registrant. Until that date, Newcrest will continue in accordance with NI 43-101, to report its ore reserves and mineral resources estimates in compliance with the JORC Code, along with a reconciliation to the material differences between the JORC Code and the applicable definitions adopted by the Canadian Institute of Mining, Metallurgy and Petroleum (CIM Definition Standards). In relation to the December 2012 Resources and Reserves Statement, the reconciliation is set out in Newcrest’s Canadian News Release dated 8 February 2013, and is available at www.sedar.com and at Newcrest’s website www.newcrest.com.au. Except as otherwise noted in that document, there are no material differences between the definitions of Measured, Indicated and Inferred Mineral Resources, and Proven and Probable Reserves, under the CIM Definition Standards and the equivalent or corresponding definitions in the JORC Code.

Competent Person’s Statement

The information in this presentation that relates to Exploration Results and other scientific and technical information is based on information compiled by C. Moorhead, EGM Minerals for Newcrest who is a Fellow of The Australasian Institute of Mining and Metallurgy, and a full-time employee of Newcrest. Mr Moorhead has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code and is a Qualified Person within the meaning of NI 43-101. Mr Moorhead consents to and has approved the inclusion in this presentation of the matters based on this information in the form and context in which it appears including sampling, analytical and test data underlying the results. For details of exploration reports refer to the Newcrest website at www.newcrest.com.au.

Private Securities Litigation Reform Act Safe Harbour Statement and Competent Person Statement

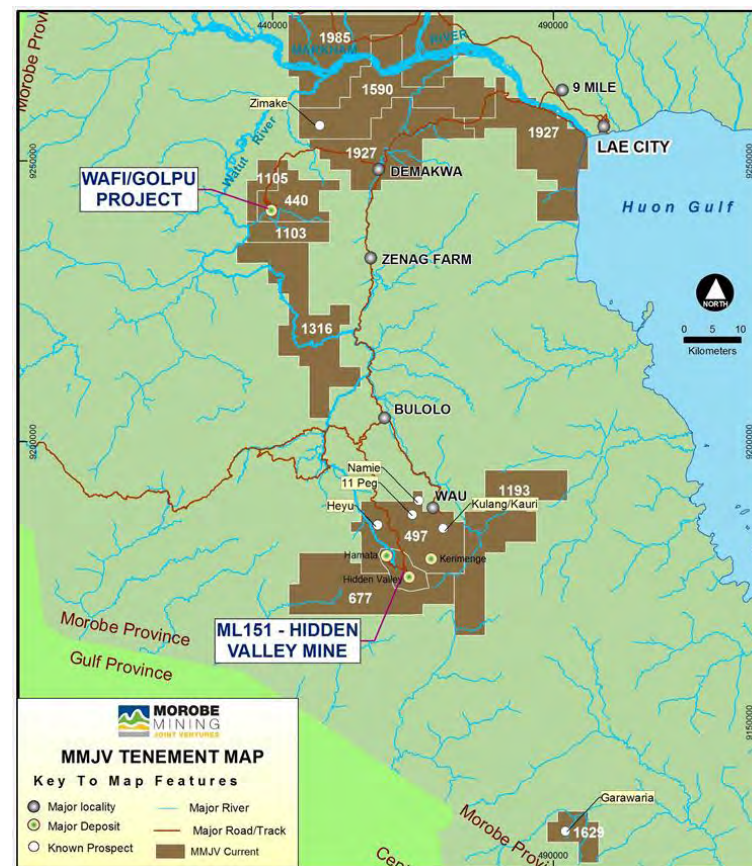
This presentation contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and 21E of the Securities Exchange Act of 1934, as amended, that are intended to be covered by the safe harbour created by such sections. These statements may be identified by words such as "expects", "looks forward to", "anticipates", "intends", "believes", "seeks", "estimates", "will", "project" or words of similar meaning. All statements other than those of historical facts included in this presentation are forward-looking statements, including, without limitation, (i) estimates of future earnings, and the sensitivity of earnings to the gold and other metals prices; (ii) estimates of future gold and other metals production and sales, (iii) estimates of future cash costs; (iv) estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices; (v) statements regarding future debt repayments; (vi) estimates of future capital expenditures; and (vii) estimates of reserves, and statements regarding future exploration results and the replacement of reserves. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, project cost overruns, as well as political, economic and operational risks in the countries in which we operate and governmental regulation and judicial outcomes. For a more detailed discussion of such risks and other factors (such as availability of credit or other sources of financing), see the Company's latest Annual Report on Form 20-F for the year ended June 30, 2013 which is on file with the Securities and Exchange Commission, as well as the Company's other SEC filings. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement" to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

Competent Person Statement

The information in the presentation that relates to Exploration Results was compiled by Mike Humphries, Exploration Executive, Harmony Southeast Asia Region who is a member of the Australian Institute of Geologists, and a full time employee of Harmony Gold Mining Company Limited. Mr Humphries has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "JORC Code". Mr Humphries consents to the inclusion in this presentation of the matters based on this information in the form and context in which they appear.

Hidden Valley Mine: Overview

- 50/50 Joint Venture between subsidiaries of Newcrest and Harmony
- Commenced construction 2006
- Official opening September 2010
- Up to 5 hours from Lae by road
- High altitude around 2100-2800m
- Steep mountainous terrain
- 2700mm rainfall per year
- Conventional open pit mine
- Float and CIL processing plant
- FY2014 production guidance range 160 – 210koz Au¹



1. Newcrest 2012/13 Full Year Financial Results Presentation, 12 August 2013

Discovering, developing and operating gold mines in Morobe Province to build a sustainable long term business to benefit all our stakeholders

Hidden Valley Mine



Operational Achievements and Management Initiatives

Operational Achievements

- Waste rock dumps
- Crusher and overland conveyor
- Engineered tailings storage facility

Management Initiatives

- The “Way We Work”
- Strong cost reduction focus

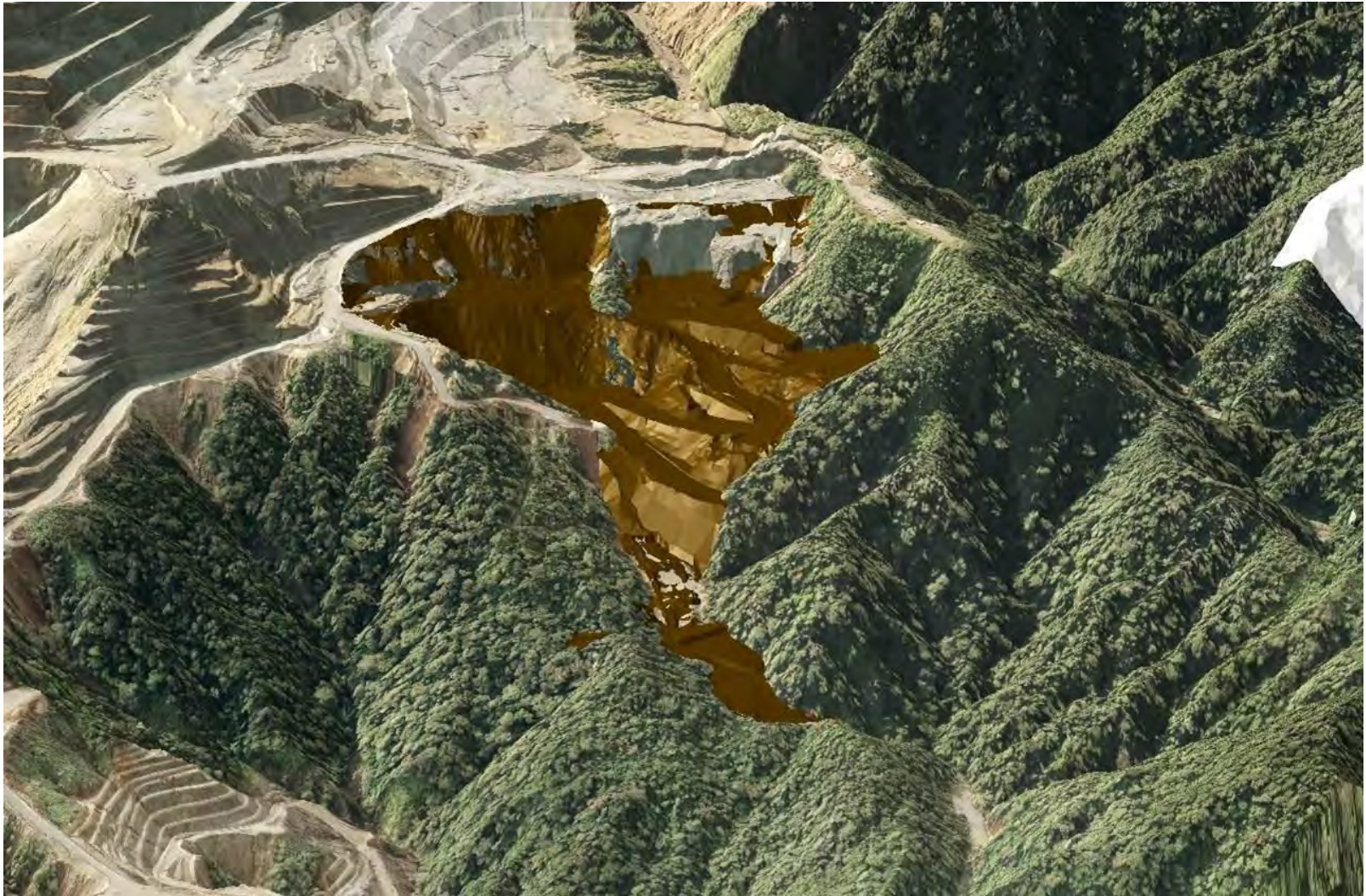


Operational Achievement: Establishment of Waste Rock Dumps

- Build and operate a stable waste rock dump
- The Setting includes:
 - Steep topography
 - High rainfall
 - Hard rock availability
 - Manage environmental impact



Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence

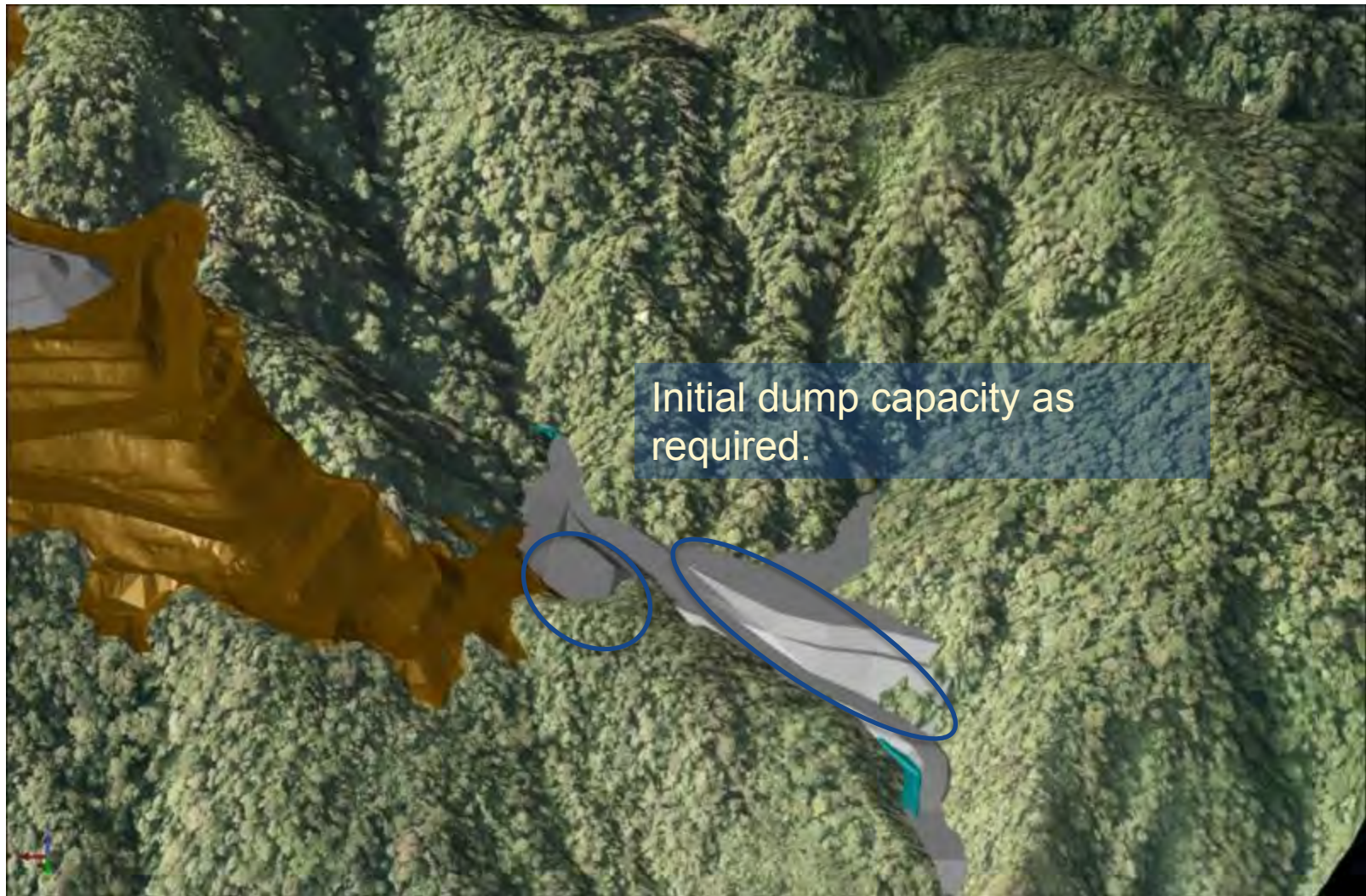


Waste Dump Build Sequence



Remove liquefiable material
from toe foundation area
then begin toe construction.

Waste Dump Build Sequence



Waste Dump Build Sequence



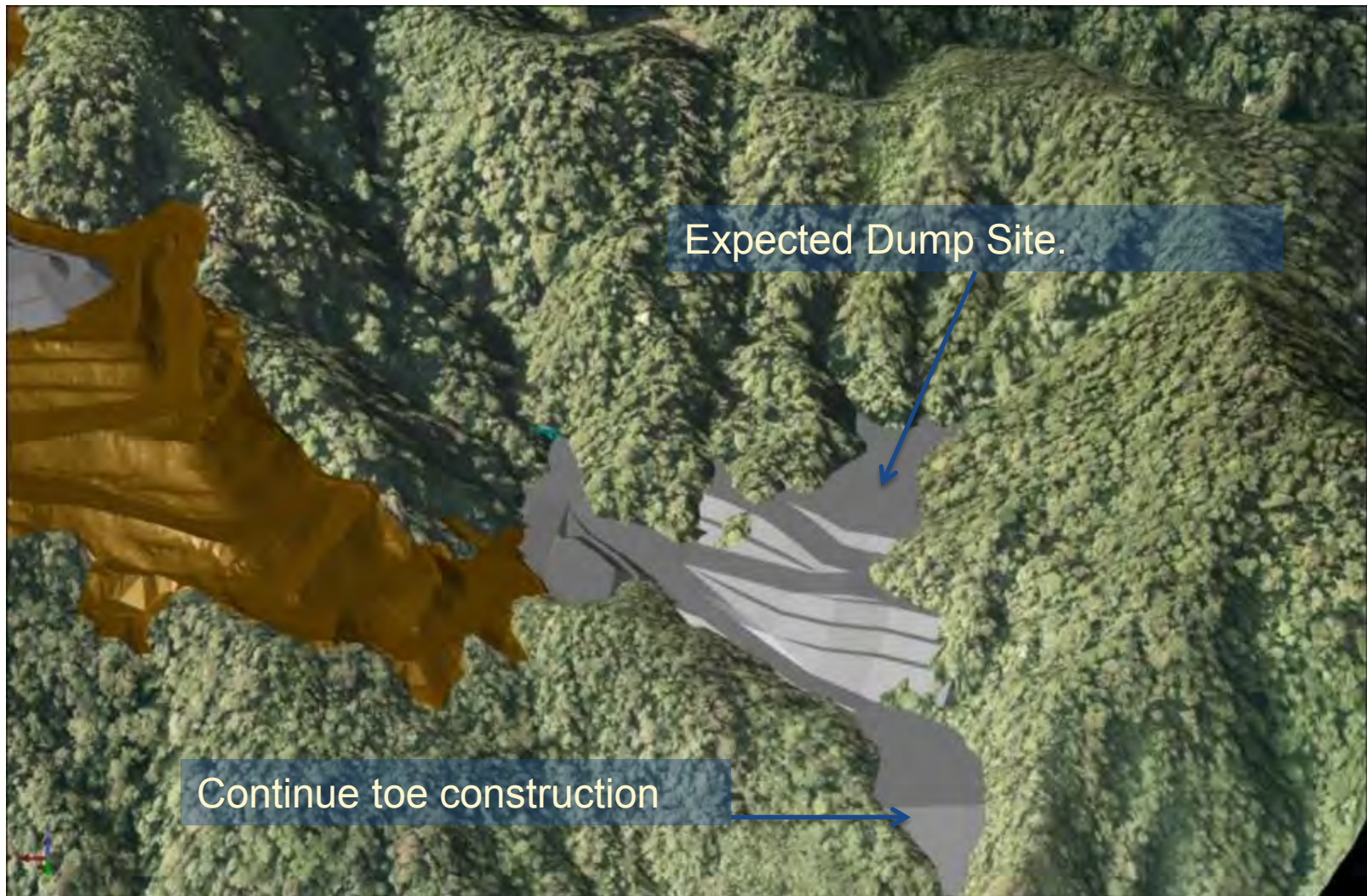
Waste Dump Build Sequence



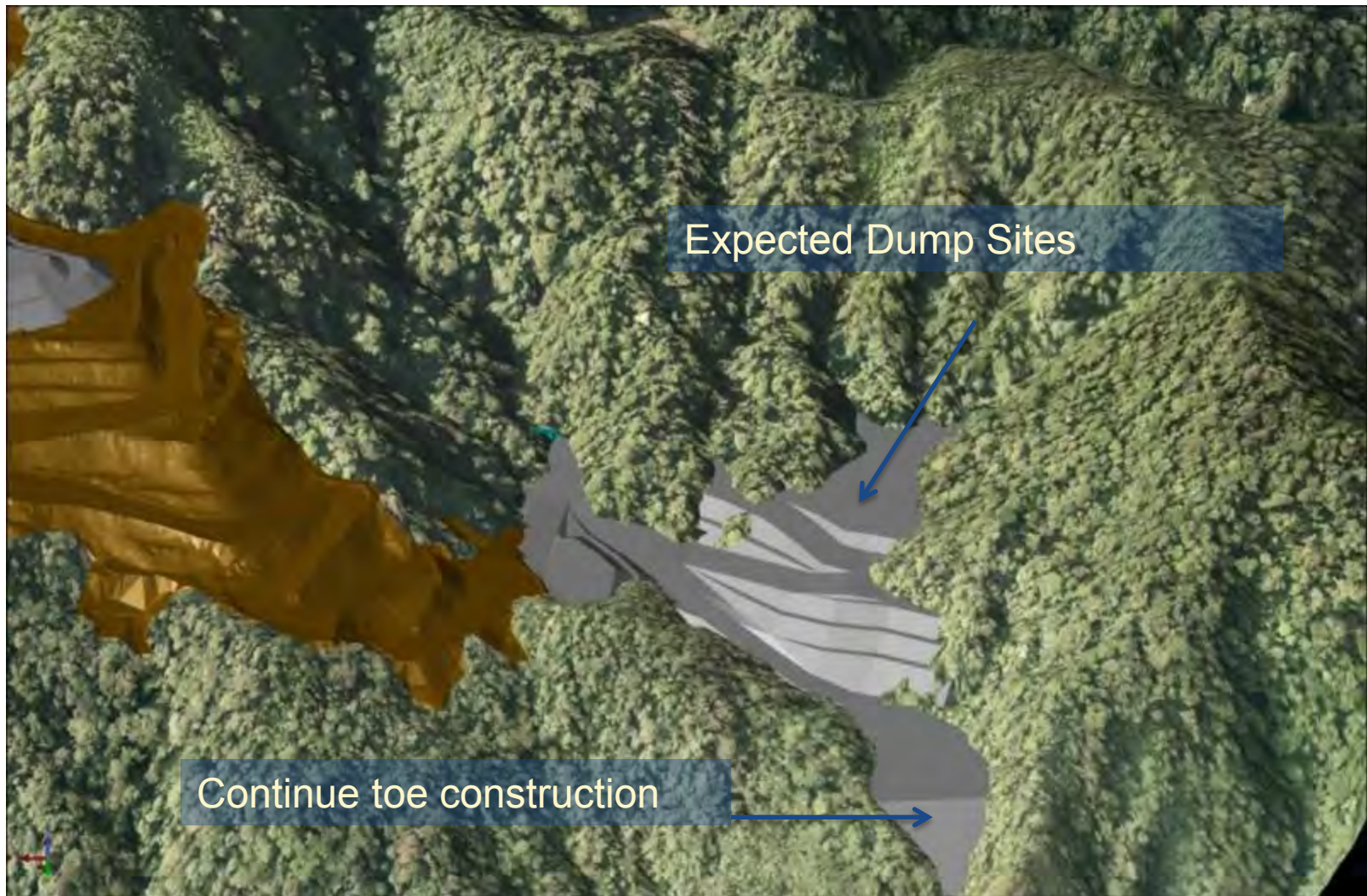
Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Push down ramp 1:10 for
large dump trucks

Waste Dump Build Sequence

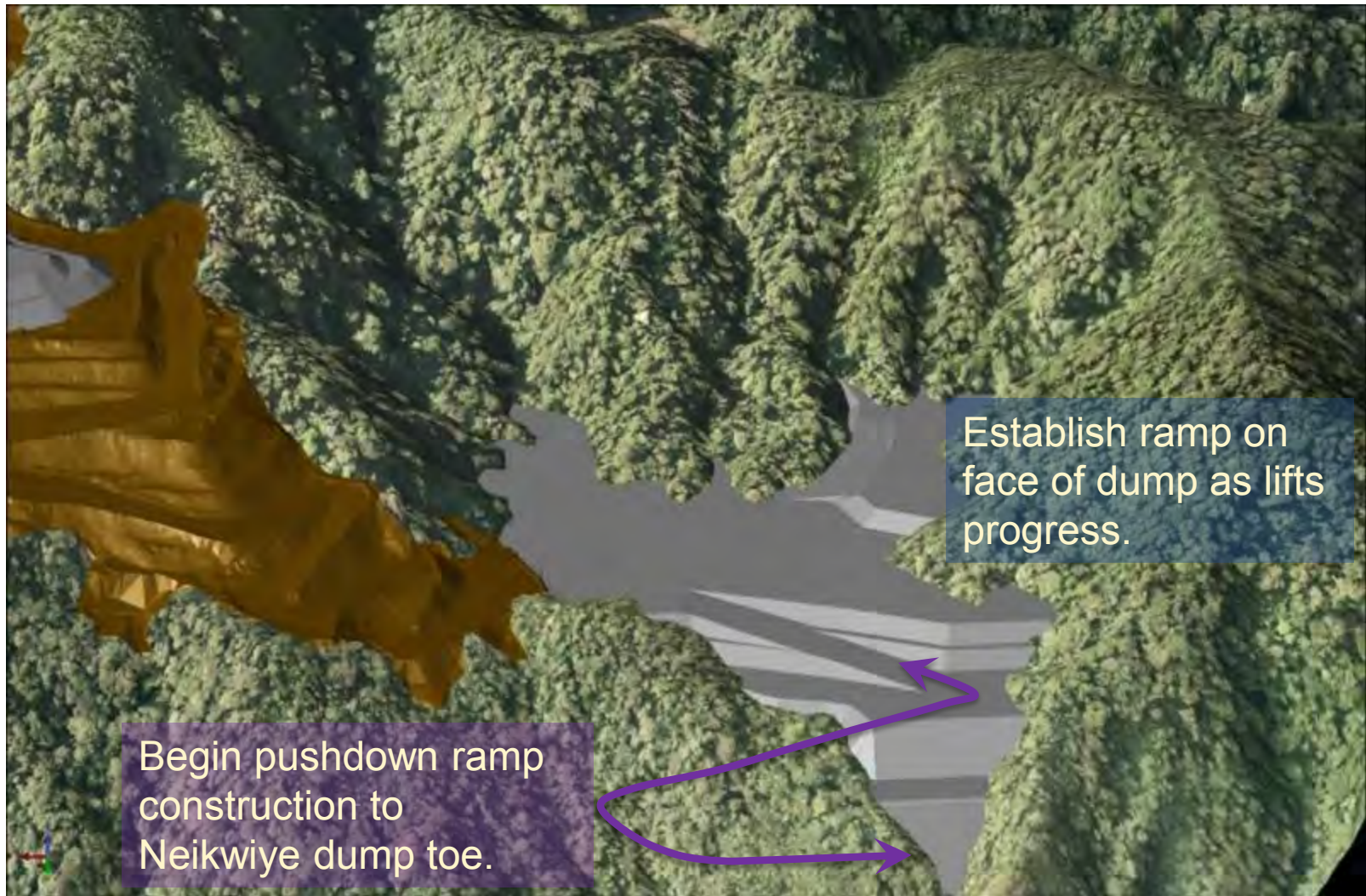


Bulk filling of dump from bottom up: lift height <10m.

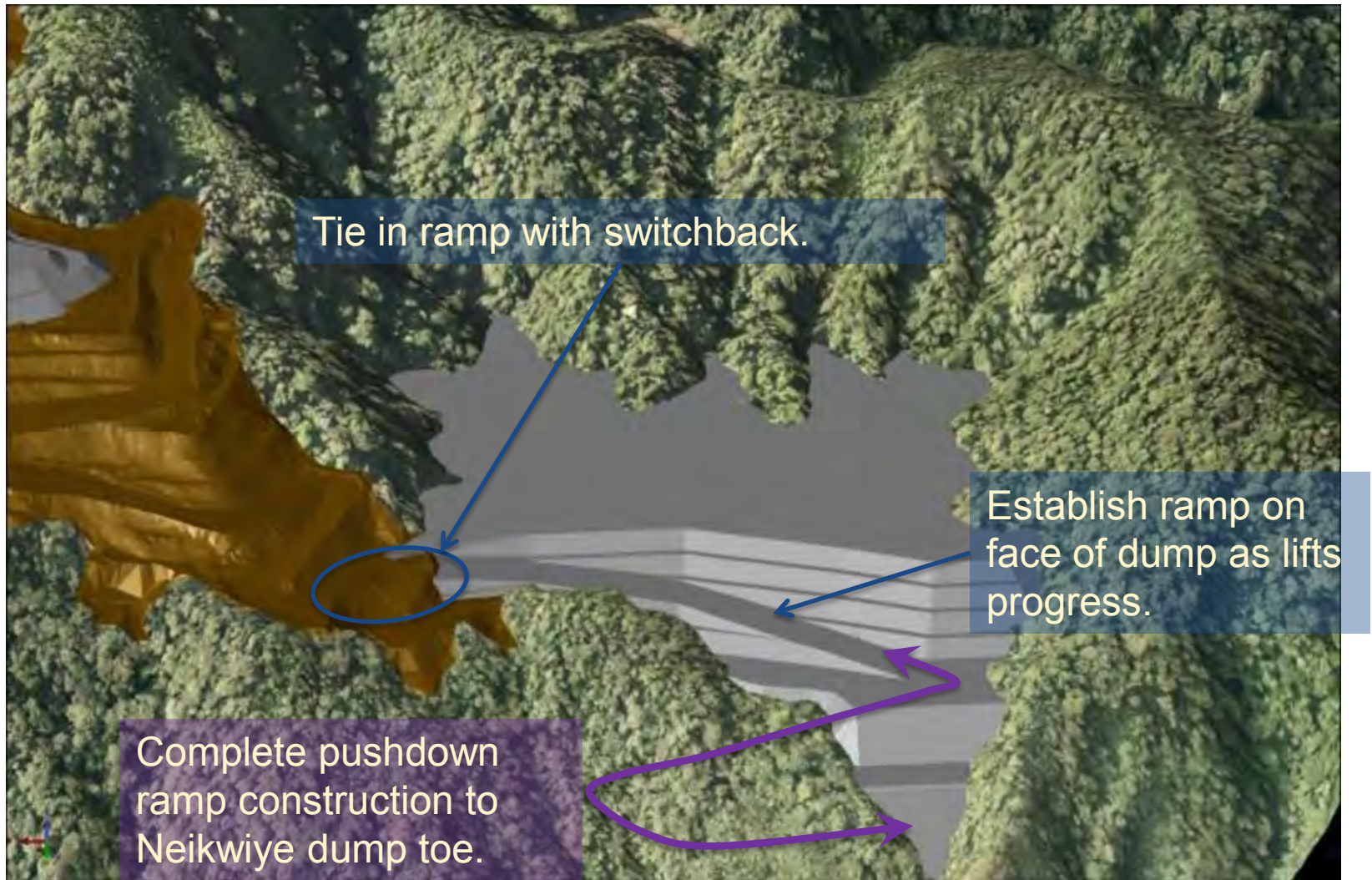
Waste Dump Build Sequence



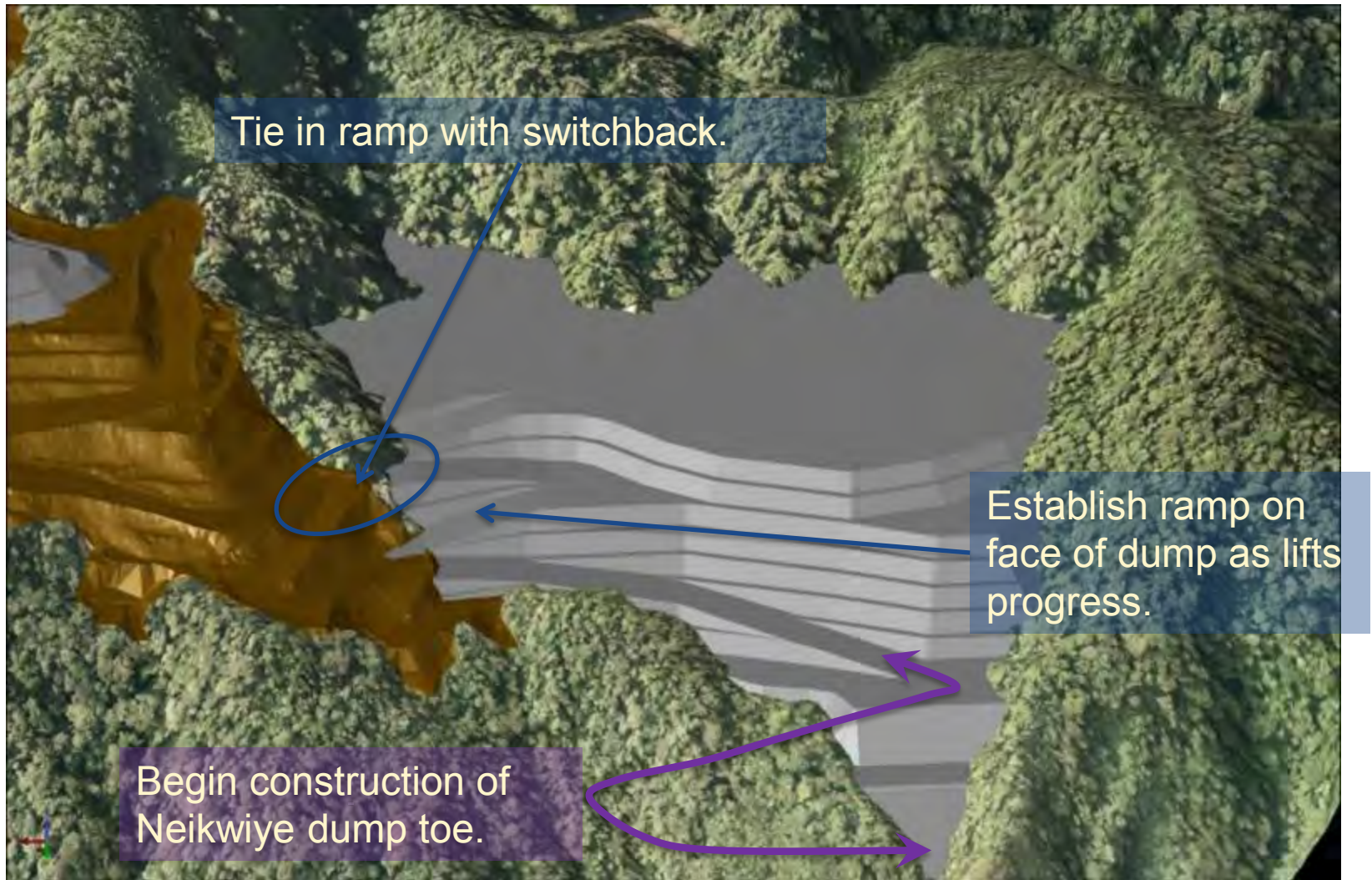
Waste Dump Build Sequence



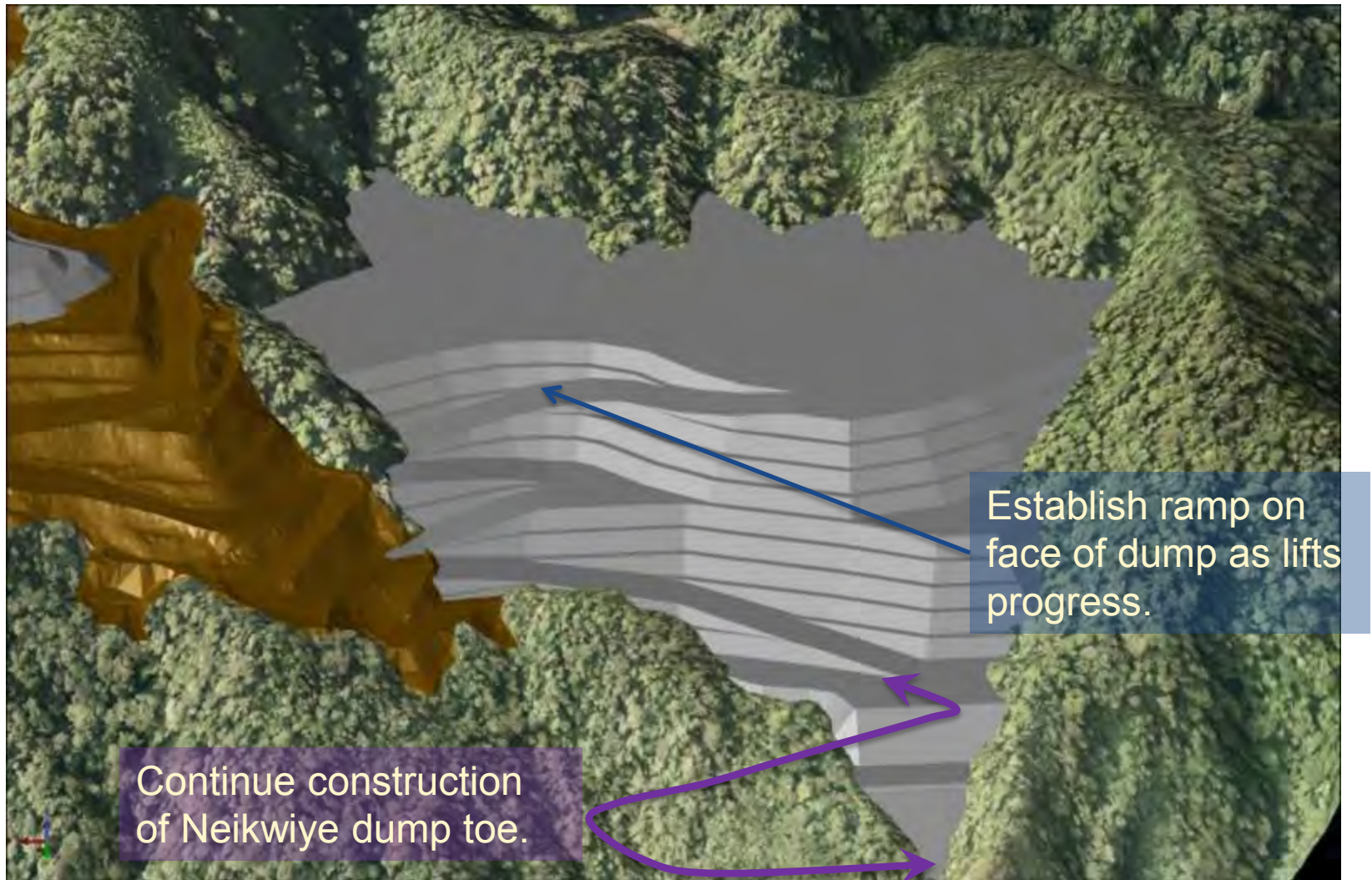
Waste Dump Build Sequence



Waste Dump Build Sequence



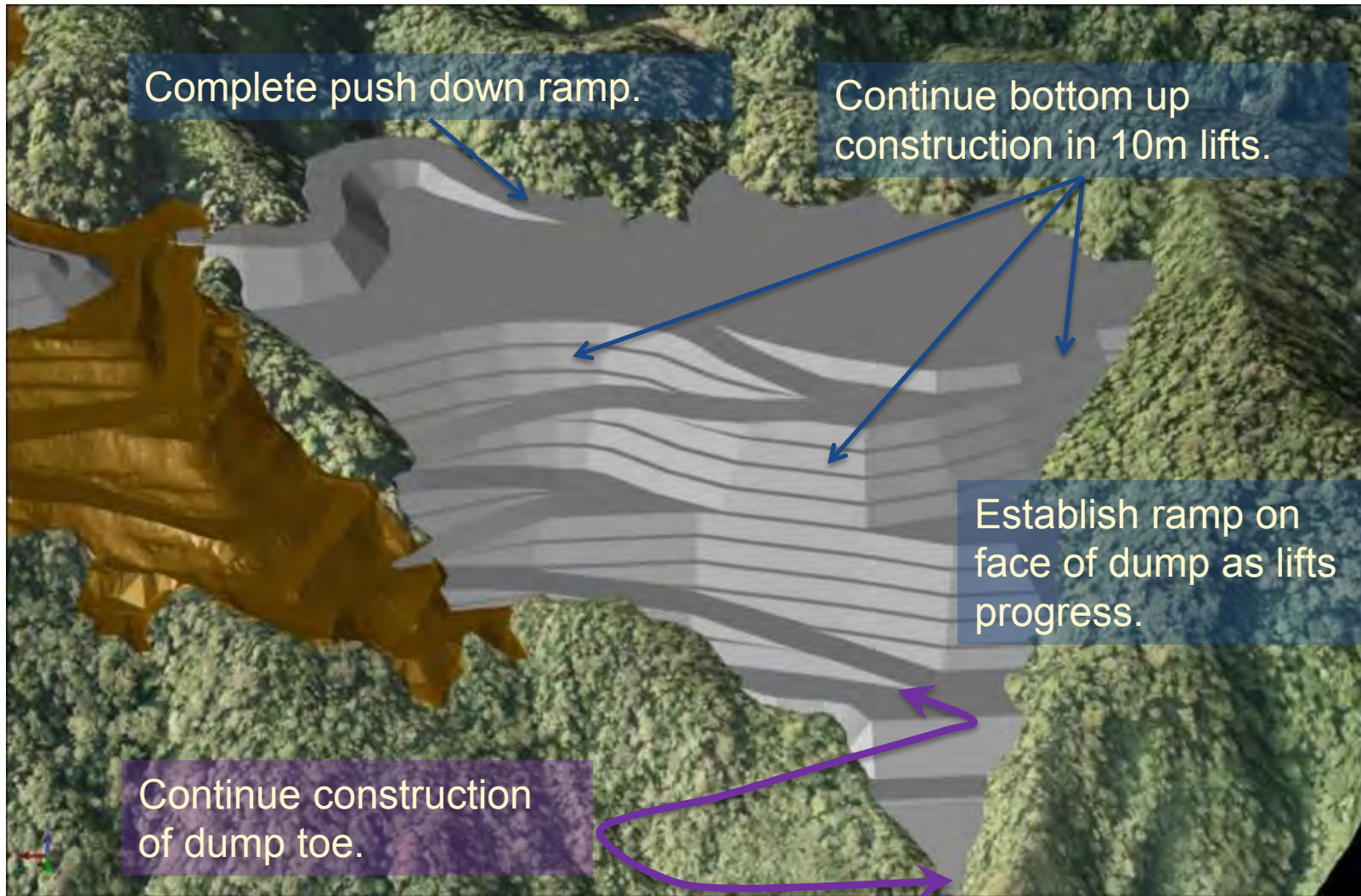
Waste Dump Build Sequence



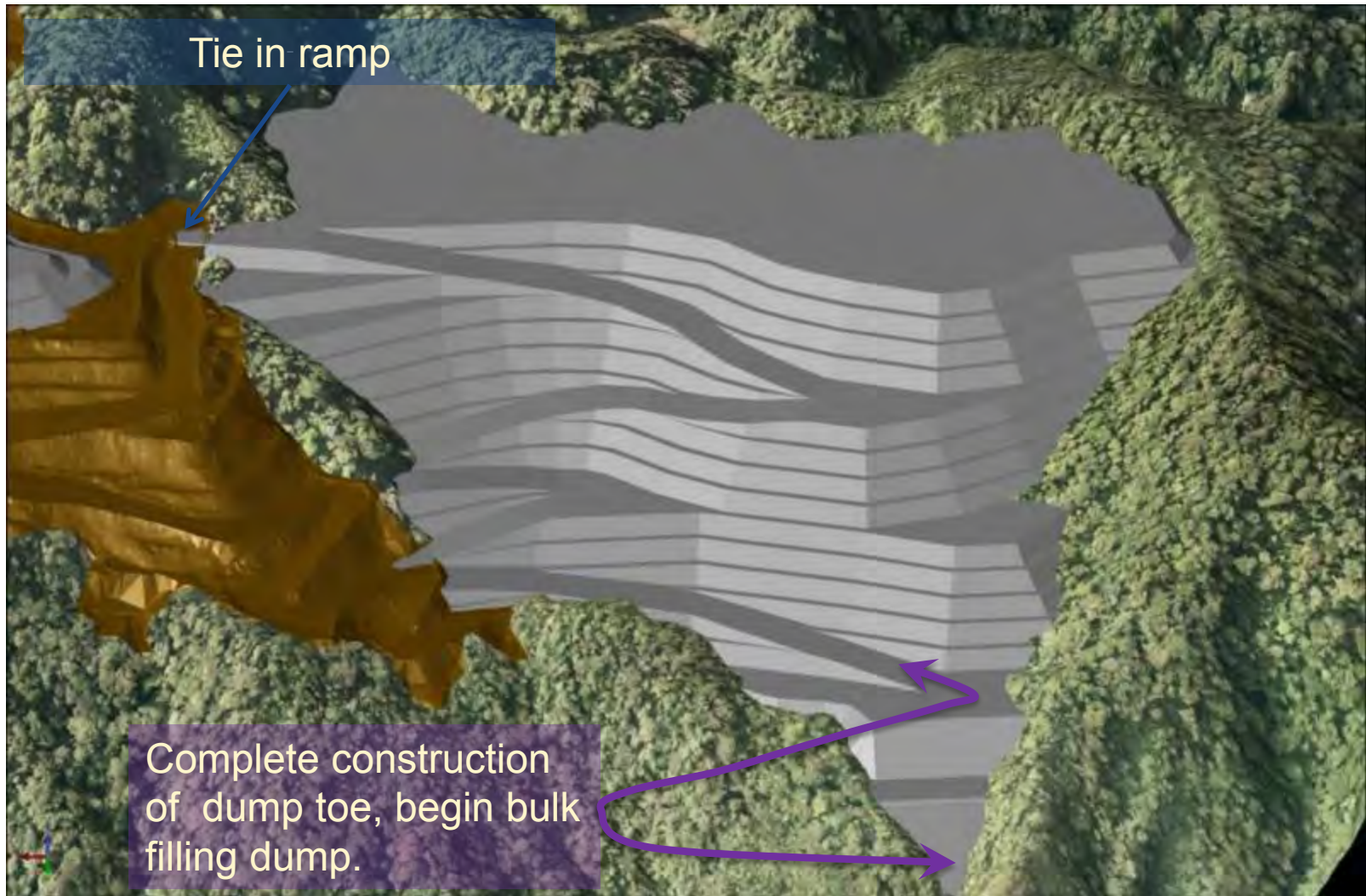
Waste Dump Build Sequence



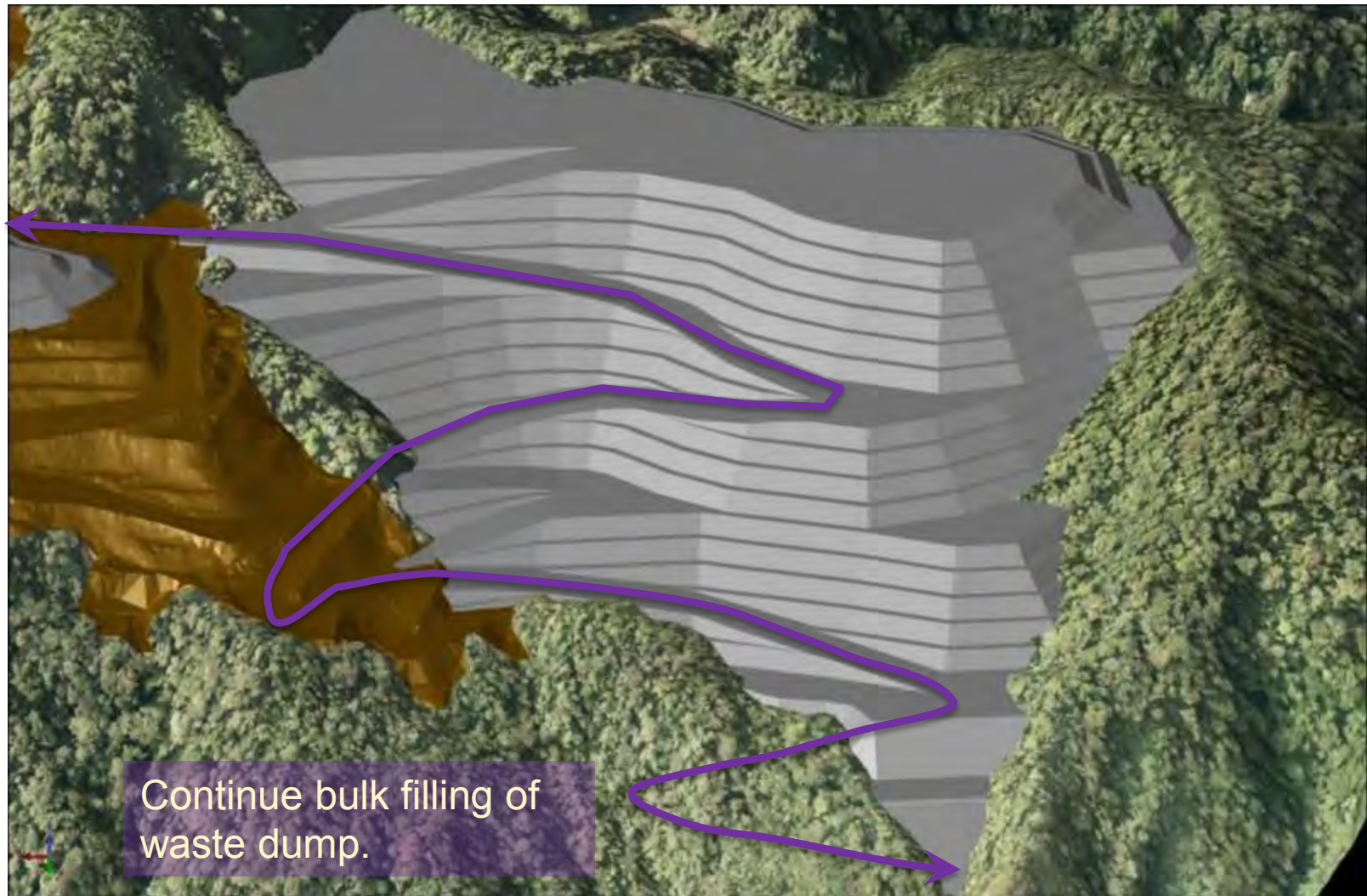
Waste Dump Build Sequence



Waste Dump Build Sequence



Waste Dump Build Sequence



Dump Drainage

- Required for dump stability
- Coarse material in drainage channels with fabric overlay



Ramp Established

- Coarse material for drainage
- Ramp for construction
- Final ramp for heavy dump trucks



Waste Rock Dump in Operation



Operational Achievement: Crusher & Overland Conveyor



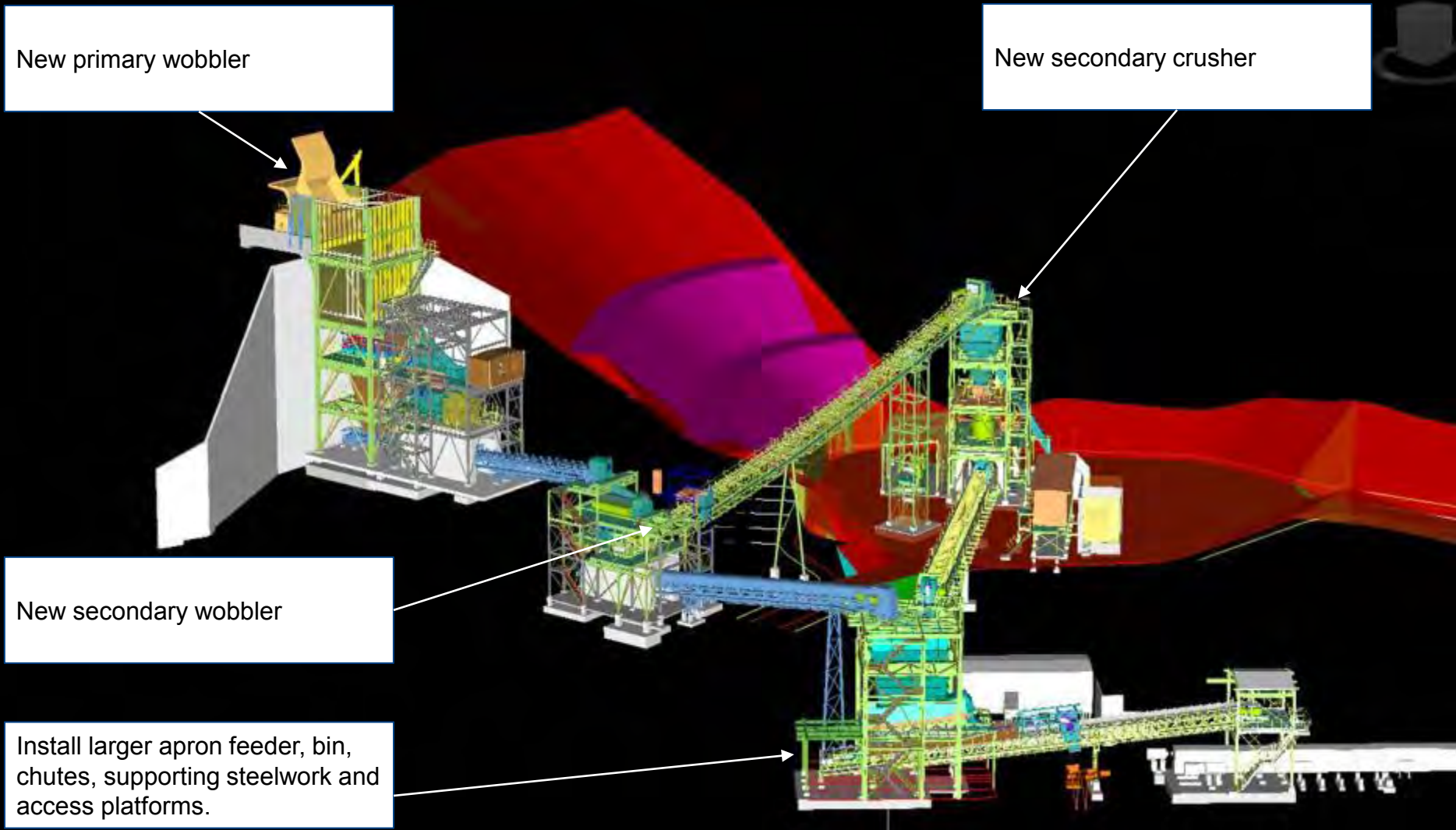
Operational Achievement: Crusher and Overland Conveyor

Outcomes

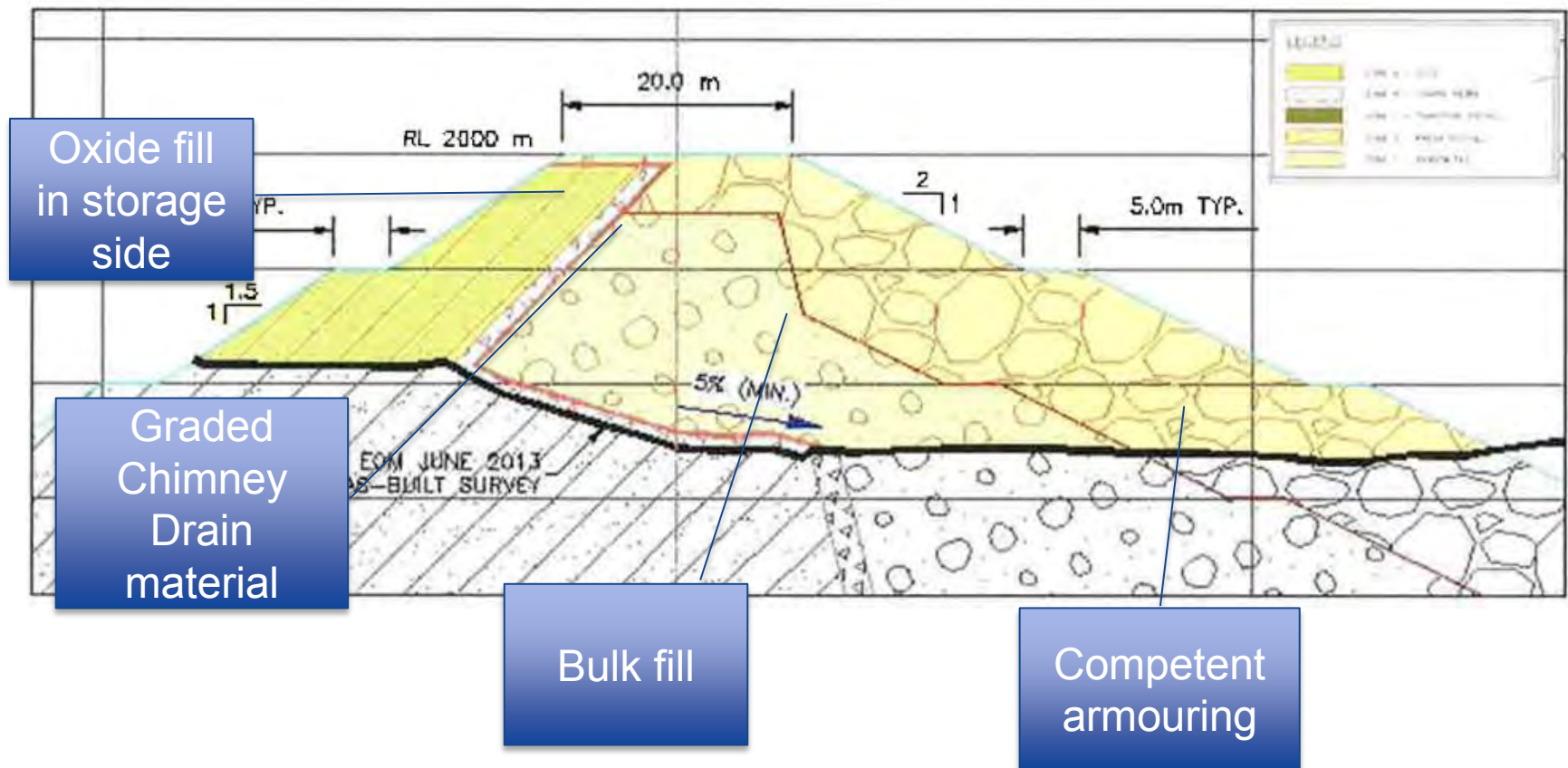
- Increased reliability and throughput of the crusher / OLC
- Reduce haulage costs
- Focus on planned predictable ore delivery to plant



Operational Achievement: Crusher upgrade



Tailings Storage Facility - Design



Tailings Storage Facility – Main Wall construction



Competent
armouring

Oxide fill
in storage
side

Graded
Chimney
Drain
material

Bulk fill

11/30/2013

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Tailings Storage Facility



Management Initiative: The Way We Work






- One common goal
- One common message
- Visual Communication
- Focused upon:
 - Developing a new culture
 - Executing a common work system
 - Results

THE WAY WE WORK



As a member of the MMJV Team, I will enthusiastically and without compromise:

- DEVELOP TEAMWORK**
 - **Develop** myself and others
 - **Recognise** that good ideas can come from anyone
 - **Celebrate** success and acknowledge good work
 - Take a **best for business** view
 - **Demonstrate** respect and develop an understanding of those around me
- DRIVE INNOVATION**
 - **Encourage** responsible risk taking
 - Make things **clear and simple**
 - **Support** new ideas
 - Actively **eliminate** bureaucracy
- ACT WITH INTEGRITY**
 - Not surprise anyone, and provide **honest** feedback
 - Genuinely **care**
 - Always do what is **right**
 - Face **reality**
- DRIVE PERFORMANCE**
 - Continuously drive improved safety **performance**
 - Drive customer **focus**
 - Deliver agreed **results**
 - **Energise** the business and act decisively
 - Set challenging **goals**
 - Be **accountable** and hold others accountable



The Way We Work

- Short interval control
- Target performance training
- Communication – everybody hears the same message, has the same goal









The Way We Work

JT Video

Improvement Program: Results

“Hidden Valley increased gold production by 7% (775kg) quarter on quarter, due to a 10% increase in mill throughput and a 3% increase in gold recoveries, partly offset by a 3% reduction in gold grade”¹

1. Harmony Quarterly Report: September 2013

Measurement	Result
Mined tonnes	
Mill throughput	
Recoveries	
Grade	
Crusher/Conveyor	
Costs	

September Quarter “All-In Sustaining Cost ~A\$500/oz lower than FY13”²

2. Newcrest Quarterly Report: September 2013

Em Tasol