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## **ASX Announcement**

30 November 2020

[www.newfieldresources.com.au](http://www.newfieldresources.com.au)

# **2020 ANNUAL GENERAL MEETING EXECUTIVE DIRECTOR'S ADDRESS**

Newfield Resources Limited (**Newfield** or **Company**) pleased to provide the following address to be delivered by Newfield's Executive Director, Mr Karl Smithson, at the Company's 2020 Annual General Meeting to be held today, 30 November 2020 at 1:00pm (AWST) in Perth.

### **Authorised by:**

**The Board of Directors**  
Newfield Resources Limited

Good Afternoon, Ladies and Gentlemen

Again, thank you for joining us and welcome to our 2020 AGM.

I will very briefly recap some corporate and background aspects before dedicating the larger part of our presentation to the tremendous progress we have achieved during the past year in the development of our Tongo Diamond Mine.

When the COVID-19 pandemic reached Africa in March 2020, we were naturally very anxious about the effect this global health issue will have on our work in Sierra Leone. After a period of consultation with the Sierra Leone Government, both at the national and provincial level, we immediately introduced the necessary control measures and quarantine and testing procedures within our mine. We further rolled out COVID-19 awareness campaigns to the workforce and nearby communities which we believe helped mitigate the risk of the virus entering our workplace. After engagement with the Sierra Leone Government, mining was classified “essential services”, therefore allowing work to continue on our site. However, the manufacturing of our processing plant and the supply of some required mining infrastructure materials being sourced outside of South Africa was adversely affected with a more severe lockdown imposed in that country. The shipping logistics of a significant part of our mining fleet coming from China was also hampered by quarantine restrictions, with their arrival on site being delayed a few months. We estimate that the pandemic has delayed our progress by a factor of some 4 months, but it is pleasing nevertheless to note that we have been able to make significant progress despite the many challenges faced.

Slides 2 and 3 set out the key highlights of our projects to put in context the mine development activities I will update you on later. We have a robust diamond resource backed by significant drilling and sampling data. During the year, we release a number of update announcements to ASX which captures the important aspects of our Project set out in these two slides.

On Slide 4, I wished to take you back to the 4Cs of diamonds and reiterate how fortunate we are to have in our Tongo Diamond Project, the highly positive attributes of each of the 4Cs. In the CUT, our Run of Mine diamonds have excellent crystal shapes with high yield. A significant portion of our production to date have clear and transparent CLARITY. Our diamonds are mostly white in COLOUR with a large proportion of collection goods (D to G colour).

Slides 5 through to 15 summarise the more operational aspects during the past year. Slide 5 shows you some of the underground mining equipment we have currently on site. As the mine progresses further units will be brought in to meet the forecast mine production schedule.

Slides 6 and 7 show the initial box cut development in the first half of 2019. The site chosen comprises a competent granite hill which proves geotechnically suitable for the development of the box cut and portal entrance and furthermore it is located equidistant between the Kundu and Lando ore reserves, so that both can be accessed by a single portal. The site required significant drilling and blasting to create the box cut with over 170,000 tonnes of material being excavated.

Slide 8 shows the initial drill and blast to open the portal entrance to the 6m x 4m joint decline. The portal entrance point is well supported with wire mesh as stipulated in the detailed, independent geotechnical reports. Nevertheless, the host rock is comprised of very competent granite which provides for stable hanging and side walls.

Slides 9 to 11 show a series of photos showcasing the excellent progress achieved in recent months with the decline tunnelling. The joint decline has advanced 152m from the portal entrance before splitting into two 4m x 4m declines that are developed towards Kundu and Lando ore reserves. The focus this year has been on the Kundu decline which was developed a further 114m before itself splitting into an incline to the Return Air Way (RAW) and the continuation of the decline. Development of the incline to the RAW is the priority (97.1 m developed to date) to not only access first kimberlite ore but also develop the RAW to the vent shaft which will ensure correct air reticulation underground and also provide a second escapeway for workers. The pictures show good examples of drilling the mine face, and after blasting the loading and hauling of the development material which is taken to surface for crushing into rock aggregate for use in the surface infrastructure construction.

Slide 12 shows the Mine Plan and Decline development progress. The colours represent the forecast months the development will take place. We are currently focussed on developing the incline to the Kundu RAW which we anticipate to intersect in December after a further 50m of development. The RAW will be developed on-reef and will provide the first ore tonnes to be brought to the surface and processed via the 5tph plant.

Slide 13 shows a useful BEFORE and AFTER photos to show the tremendous infrastructure work that has been accomplished during the past 18 months as part of the mine development. Likewise Slide 14 shows in more detail, the camp, office, supply chain, messing, and clinic facilities that form part of our mine.

During the year, we adapted our processing strategy to one which better reflects the ramp-up of production volumes. We will commence processing of the first ore using an established 5 tonne per hour plant which has now been commissioned and tested. During the first half of 2021 we will complete the refurbishing of an existing 25tph plant which will serve us efficiently for up to the first 2 years of production. A new final recovery building, housing the 3x X-Ray machines already procured from De Beers, will also be constructed to provide secure and efficient diamond recovery facilities from the 25tph plant. The larger 100 tph plant shown in Slide 15 will be deferred to 2022 to meet the increase in mining volumes planned at that stage. This 100tph plant is sized for the life of mine and detailed design has been completed and some essential components already fabricated and delivered to site.

We continued to have a strong emphasis on health and safety and am pleased to report that key milestones of over one million man hours fatality free to date and have now passed 365 days loss time injury free. Our first LTIFR target of 0.7 has been achieved and we will be focussed on driving that down further in the coming months and years. HSE statistics are shown on slide 16.

During this Pandemic year, we managed to maintain an emphasis on a high standard of Corporate and Social Responsibility. We signed our Community Development Agreement with the affected local community stakeholders and following a needs assessment with the stakeholders it was decided to fund the construction of three schools in the area, all of which are well advanced.

From an operational aspect, and despite the many challenges of 2020, we have managed to progress the mine development with completion of significant surface infrastructure and not least the completion of the box cut, portal entrance and 400m of underground development. This will hopefully culminate in the intersection and first ore from the Kundu reserve and the processing and recovery of the first underground diamonds from the Tongo Mine before the end of this year.

In conclusion, I want to note our appreciation to the very dedicated team that has worked tirelessly at making our mining vision a reality. Despite the challenging conditions posed by the COVID-19 pandemic, including extended periods of isolation, our team has positioned Newfield for a transformational year ahead from a mine developer to diamond producer. The Board of Newfield would also like to recognise and thank the many shareholders that have supported our Company throughout this journey.

I will now start a [video](#) of our mine development activities which will show you more of our progress. The video is also available on the Company's [website](#).

Thankyou.

Karl Smithson  
Executive Director



# **TONGO DIAMOND MINE DEVELOPMENT UPDATE**

**2020 AGM Presentation**

**Karl Smithson, Executive Director**



# TONGO MINE DEVELOPMENT: HIGHLIGHTS

## CONSTRUCTION

Completion of key surface and underground infrastructure to support mining

## DEVELOPMENT

Completion of box cut and portal for underground access

## MINING

Underground decline development of 400 metres to intersect first Kundu ore body in Dec-20

## PROCESS PLANT

5tph plant relocated, modified and commissioned to process first underground ore

## MANPOWER

Recruitment of world class mining and engineering team

## SAFETY

1.1million man hours fatality free to date and 373 days Loss time injury free (LTIFR 0.7)

# TONGO MINE DEVELOPMENT: HIGHLIGHTS

## RESOURCE EXPLORATION

Successful drilling of Panguma with JORC resource upgrade in near future

## COMMUNITY

Development projects underway enhancing continued harmonious local relations

*Significant exploration upside to increase resource and life of mine*

## PRODUCTION

All progress in 2020 will enable first production carats to be achieved before end of 2020

*Steady build up in production through to 2022 as numerous mining faces opened*

## HEALTH

COVID-19 management strategy enabled development work to continue through lockdowns

# TONGO POSSESSES PREMIUM QUALITY GEMS

The 4Cs of diamond value— cut, colour, clarity and carat

## CUT

Excellent crystal shapes with high yield

## CLARITY

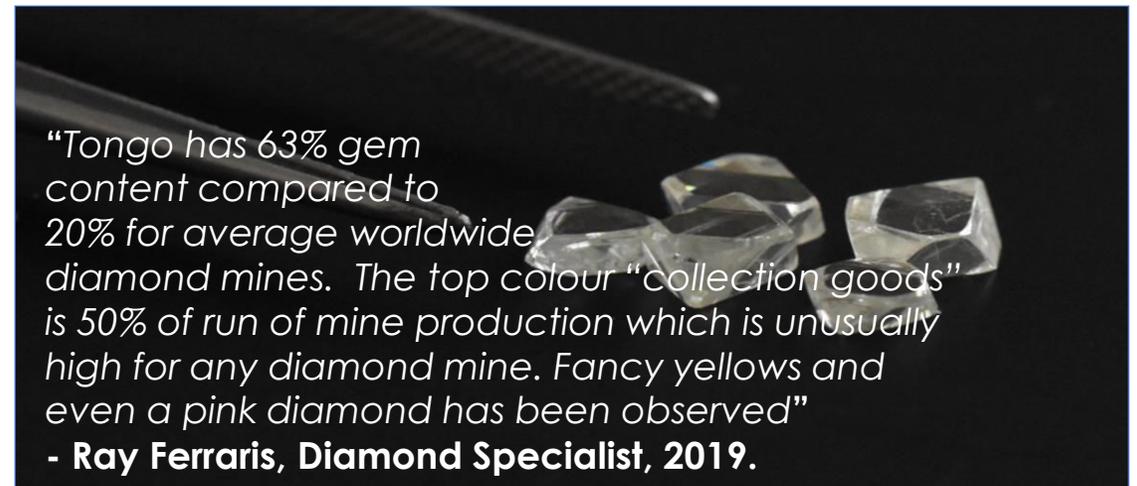
Large proportion of clear and transparent gems

## COLOUR

Mostly white gems with a large percentage of collection goods (D to G colour for top quality jewellery)

## CARAT

High gem quality ratio compared to other diamond mines



*“Tongo has 63% gem content compared to 20% for average worldwide diamond mines. The top colour “collection goods” is 50% of run of mine production which is unusually high for any diamond mine. Fancy yellows and even a pink diamond has been observed”*  
**- Ray Ferraris, Diamond Specialist, 2019.**

*Typical run of mine Tongo diamonds*

# MINE FLEET



Underground mining machines have been leased for three years with a residual purchase option. Two each of Jumbo drill rigs, LHD Loaders and 15ton haul trucks are currently operational. The number of machines will increase in 2021 as the pace of development and mining increases.

# MINE SITE Q1-19

Initial development of the mine site required a box-cut to be opened to access competent rock for the portal entrance point and underground decline to be developed.

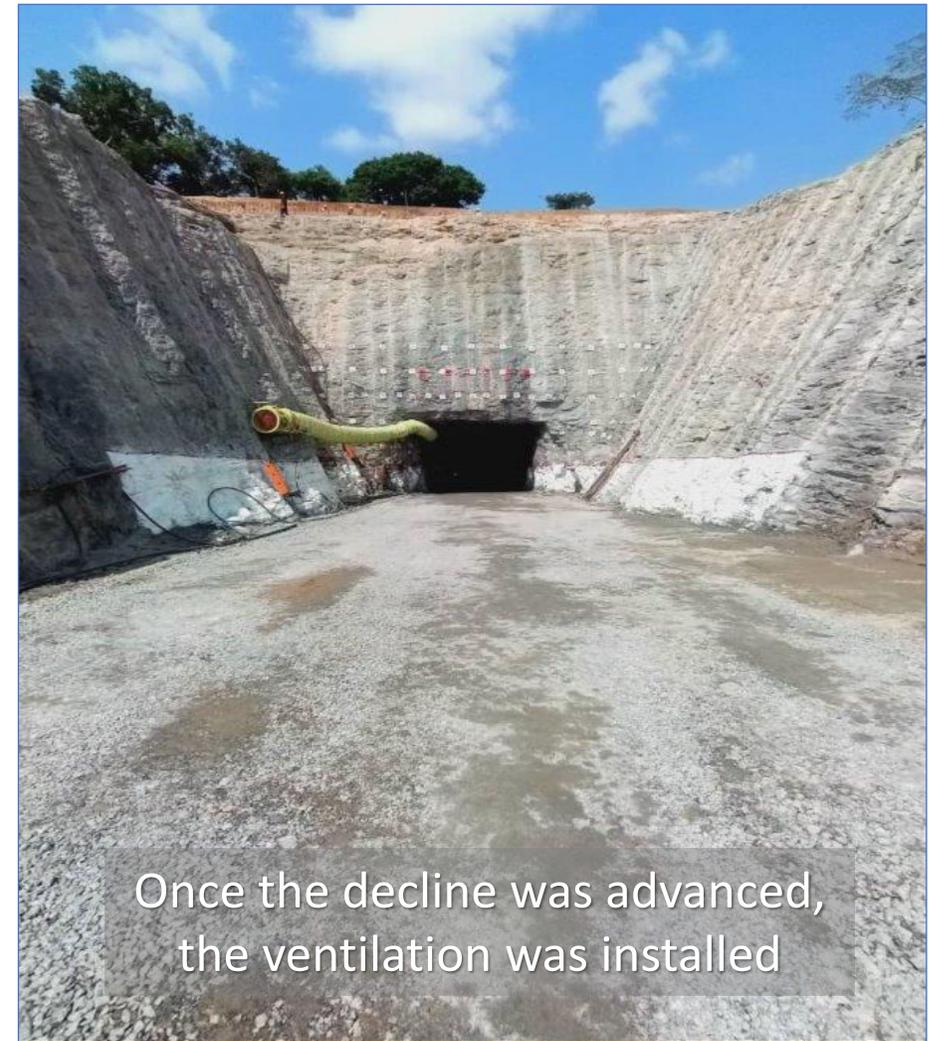
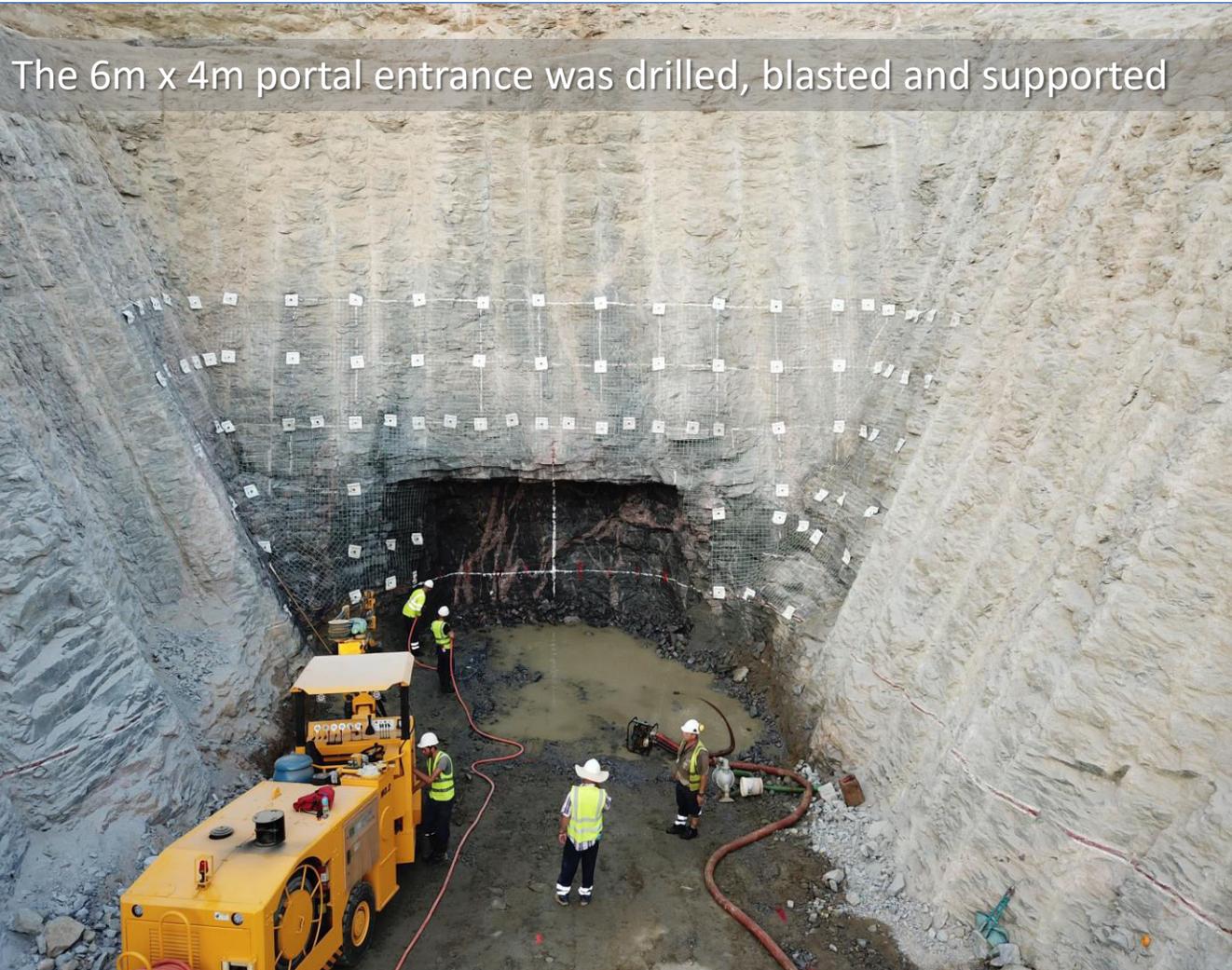


# BOX CUT Apr-19

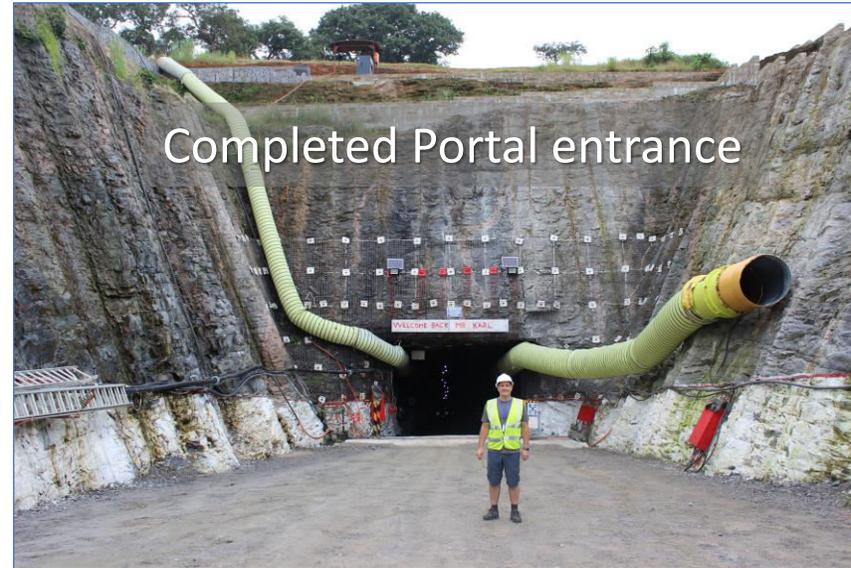


The box cut was free dig excavation to hard rock whereafter it was drilled and blasted. Approximately 170,000t of material removed.

# PORTAL ENTRANCE Apr-20



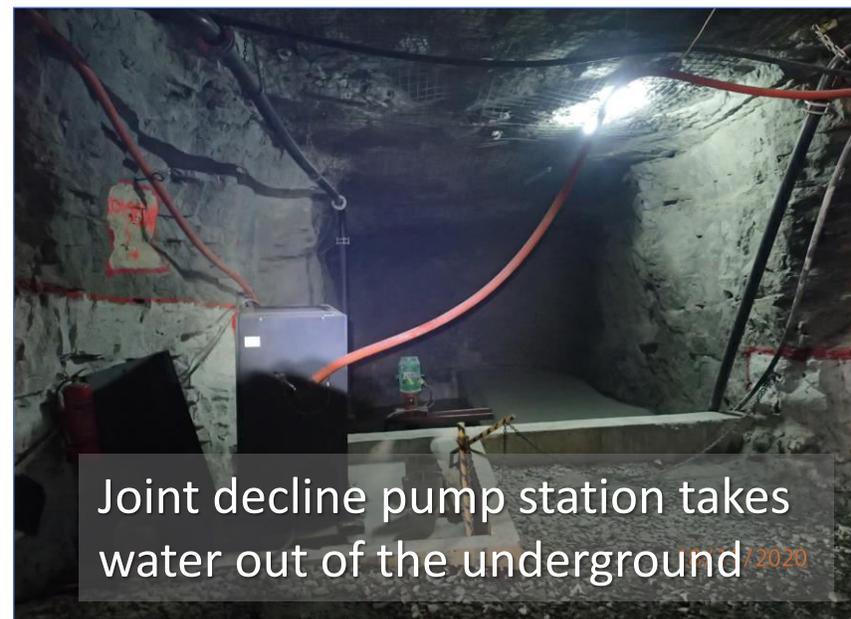
# UNDERGROUND DECLINE Sept-20



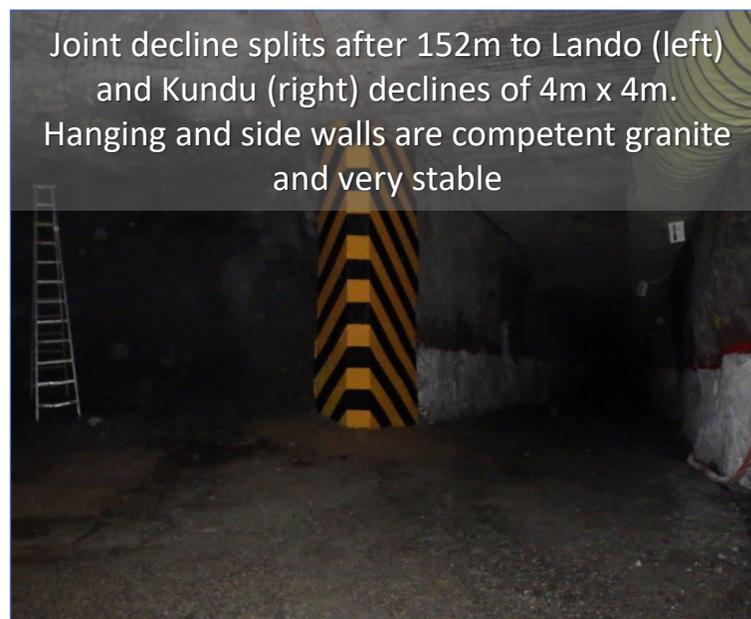
Completed Portal entrance



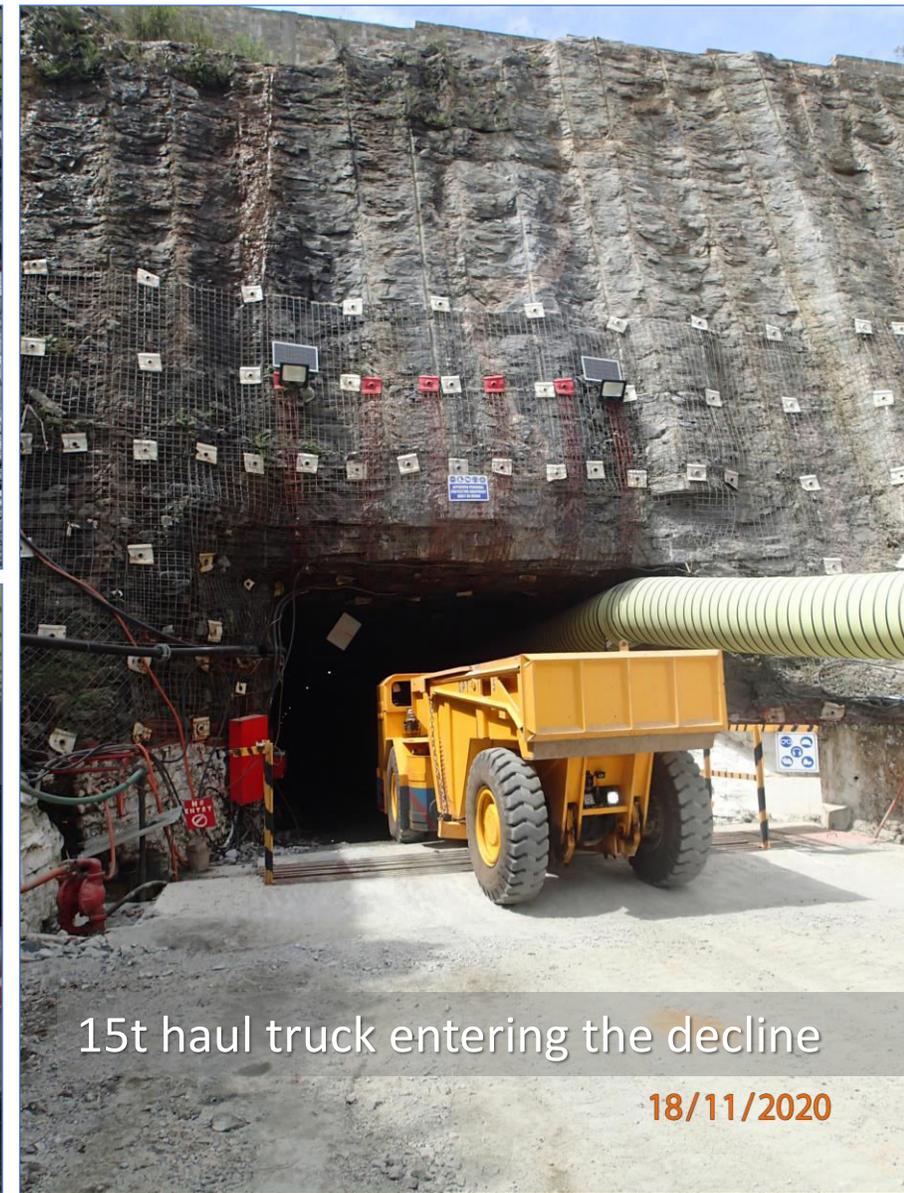
Joint decline with ventilation and power installed 18/11/2020



Joint decline pump station takes water out of the underground 18/11/2020



Joint decline splits after 152m to Lando (left) and Kundu (right) declines of 4m x 4m. Hanging and side walls are competent granite and very stable



15t haul truck entering the decline

18/11/2020

# UNDERGROUND DRILL, BLAST, HAUL Oct-20

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The mining face is pattern drilled then charged and blasted (left). The 4m x 4m Kundu decline has been developed for 114m before it split to the Return Air Way incline to intersect the Kundu ore body. The Kundu decline (right) will continue to be developed to access deeper levels of the ore body.

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18/11/2020



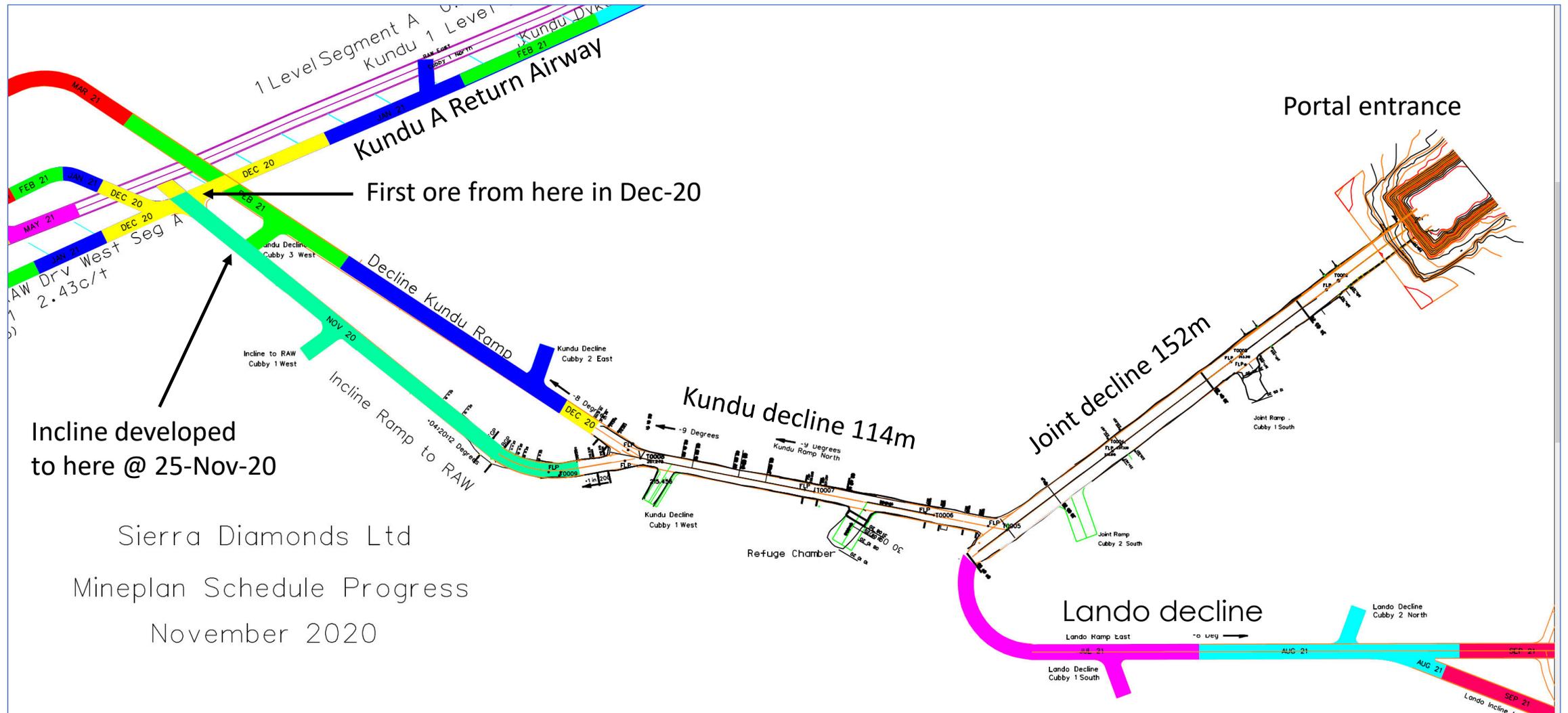
16/11/2020

# UNDERGROUND DRILL, BLAST, HAUL Nov-20

Once the mining face is blasted the rock is loaded into the 15ton haul trucks by the LHD loader (left). The haul truck then takes the waste rock to the surface (right) where it is crushed to be used for building aggregate.



# DECLINE DEVELOPMENT plan view at Nov-20



# MINE SITE

The mine development progress is represented above. The mine site was located on the Kundu hill (left) which lies equidistant between the Lando and Kundu kimberlites so that a single decline could access both ore bodies. Significant development progress has been made in the last 22 months.

Jan-19



Nov-20





# CAMP SITE

Accommodation (ensuite) for 60 staff has been constructed as well as staff canteens, administration offices, mining offices, stores, workshops, fully equipped clinic and entertainment area.

# PROCESSING PLANTS & STRATEGY

Initial production will be via the established 5tph plant (bottom right). During H1-21 a 25tph plant will be constructed from existing plant and equipment to align with the underground production capacity for the first two years. The longer-term 100tph plant is designed (bottom left) and partly fabricated, but completion will be deferred to 2022 when mining volumes exceed the installed 25tph capacity.

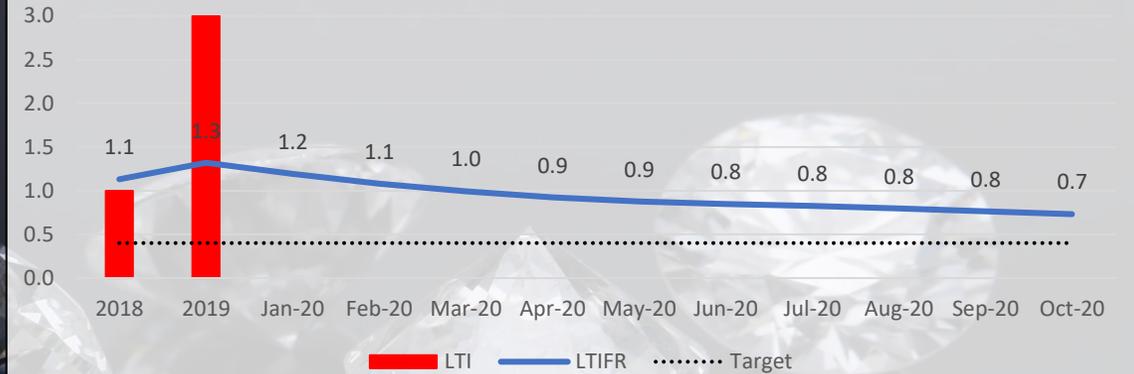


# HSE STATISTICS; LTIFR TARGET OF 0.7 ACHIEVED

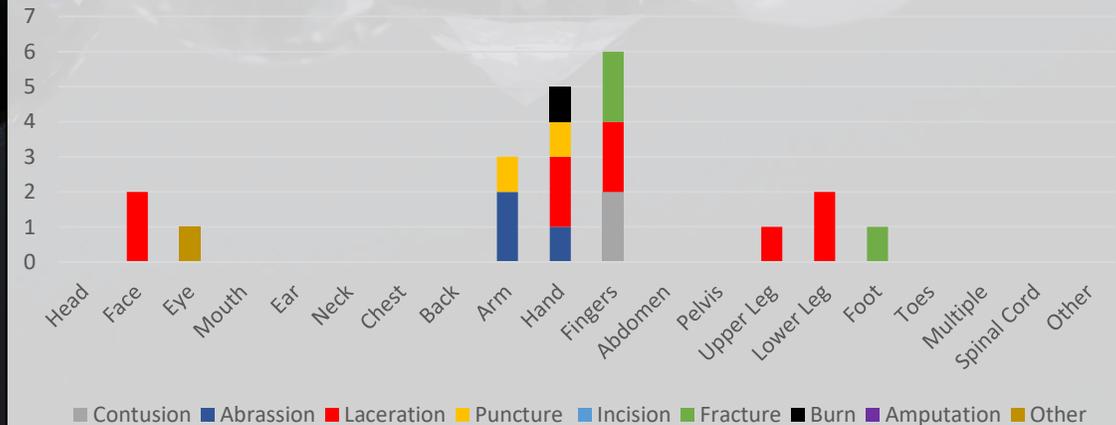
## Injury Statistics (01 May 2018 – 19 Nov 2020)

<b>Man-hours – Project to Date (01 May 2018 – 19 November 2020):</b>	<b>1 093 615 Hours</b>
<b>Man-Hours – Year to Date (01 Jan 2020 – 19 November 2020):</b>	<b>487 631 Hours</b>
<b>Total Number of Injuries on Duty (01 May 2018 – 19 November 2020):</b>	<b>21</b>
• Fatalities:	0
• Lost Time Injuries (LTI):	4
• Medical Treatment Injuries (MTI):	5
• First Aid Treatment Injury (FAI)	12
<b>Days LTI Free (As at 27 November 2020)</b>	<b>373 Days</b>
<b>Lost time Injury Frequency Rate (per 200 000 man-hours worked)</b>	<b>0.7</b>
<b>Injury Frequency Rate (per 200 000 man-hours worked)</b>	<b>3.8</b>

## Lost Time Injury Frequency Rate (LTIFR) 01 May 2018 – 19 Nov 2020



## Injuries by Body Part & Type (01 May 2018 – 19 Nov 2020)



# Disclaimer and CP Statement

## General Disclaimer

This presentation contains summary information about Newfield Resources Limited (**Newfield**) and is current as of 30 November 2020. The information in this presentation is of a general background and does not purport to be complete.

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This presentation contains certain “forward-looking statements”. Forward-looking statements can generally be identified by the use of forward-looking words such as, “expect”, “should”, “could”, “may”, “predict”, “plan”, “will”, “believe”, “forecast”, “estimate”, “target” and other similar expressions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions.

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## Competent Person Reference

The information in this presentation is based on information compiled and reviewed by Karl Smithson, Executive Director of Newfield and Chief Executive Officer of Newfield’s subsidiary company Sierra Diamonds Limited, a qualified geologist and Fellow of the Institute of Materials, Metals, Mining, with 30 years’ experience in the diamond and natural resources sector. Mr Smithson has sufficient experience to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”.

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