



April 22<sup>th</sup> 2016

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**Options on Issue:**  
14,925,000

**ASX: KIN**

## Drilling to Resume at Merton's Reward Gold Deposit

**Kin Mining NL (ASX: KIN)** is pleased to advise that drilling at Merton's Reward, part of the Leonora Gold Project, is scheduled to commence in early May. Follow-up of high grade gold mineralisation in MR15RC002 will be a priority. As previously reported, RC drilling in November 2015 defined extensions to the Merton's Reward ore zone (1.08 Mt @ 2.6 g/t for 91,000 oz) with a high grade intersection of **5m @ 7.99g/t Au** from 59m including a higher grade interval of **1m @ 24.70g/t Au**.

The **T2 Target** at Merton's Reward is the extension of the interpreted shallow north plunging ore shoot that was the one of the main ore feeds during early production (Figure 1). Diamond core images of NMDD003 included in this announcement is of core drilled by the previous owners in 2008 through the upper Merton's Reward lode. Drill core indicates a large scale mineralised shear zone with multiple deformation events. High grade gold is related to the intensely carbonated altered quartz, pyrite rich basalt. The Merton's Reward lodes were mined extensively in the early 1900s with total production of 90kt @ **21 g/t Au for 60,524 ozs**, making it one of the highest grade deposits in the Eastern Goldfields.

The recent drilling at the T2 target (MR15RC003) defined a down plunge extension to the Merton's Reward ore shoot and intersected a broad zone of mineralisation of **29m @ 1.34g/t Au** from 155m including **10m @ 1.73g/t Au** and **7m @ 1.83g/t Au**.

Drilling to date has intersected highly sheared, carbonate altered basalt with 2-10% pyrite within the ore zone. The newly defined broad zone of mineralisation occurs below the current Merton's Reward Resource and is open along strike and down plunge. The broad nature of the mineralisation suggests that the Merton's Reward ore shoot may widen at depth. This result is considered highly encouraging because it demonstrates that the Merton's Reward ore body is persistent at depths below the historic underground workings where drilling is very limited.

The upcoming 3500m drill program is designed to intersect the down plunge extension of the Merton's Reward ore zone as well as the poorly tested lower lode extension (T1 Target) which comprised a considerable amount of high grade ore feed during historic underground mining. The mineralised system has only been partially tested at depth and drill holes greater than 150m deep are infrequent, there is limited drilling below this depth and potential remains to define extensions to the gold bearing lodes below this level.

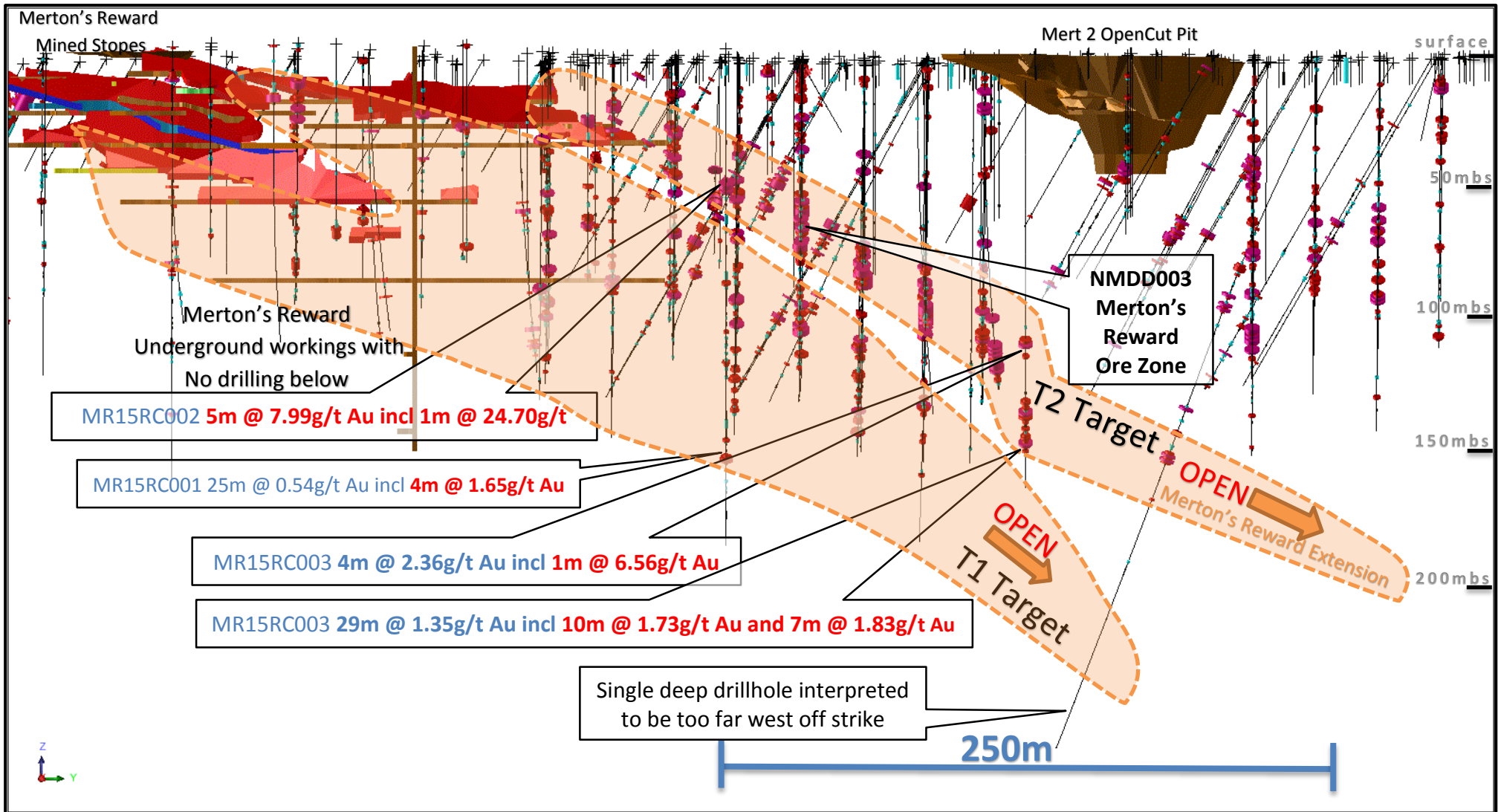
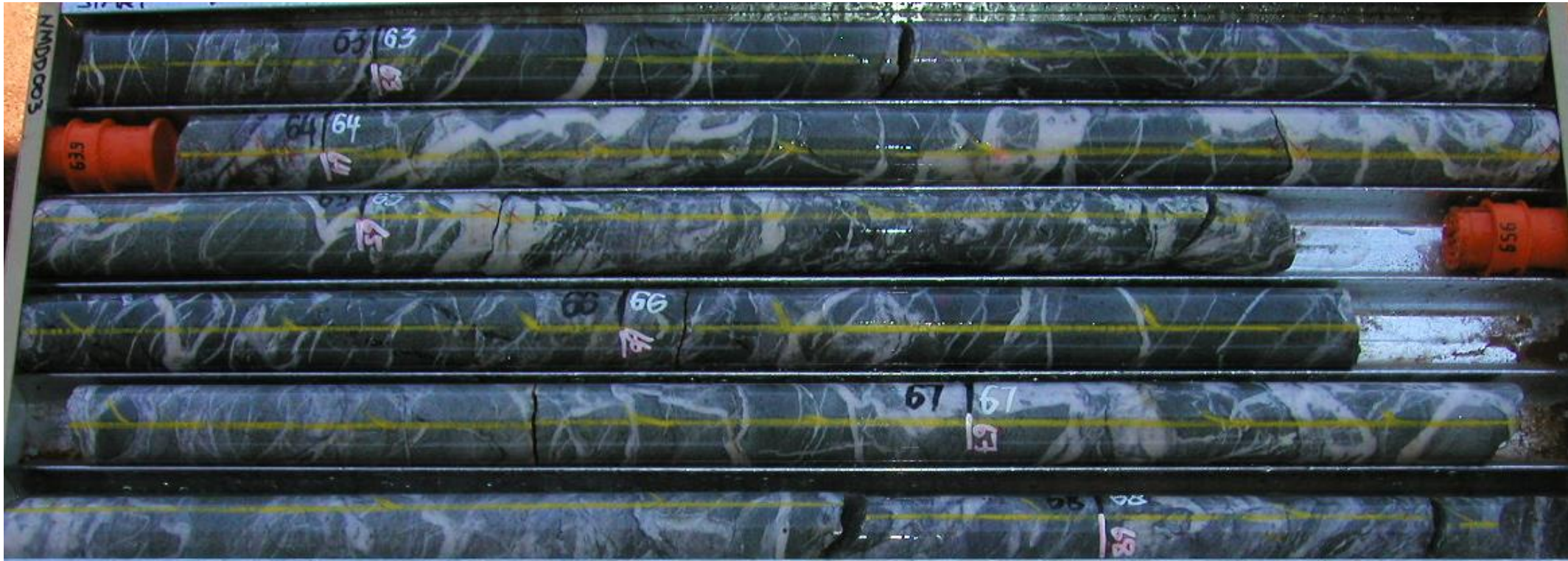


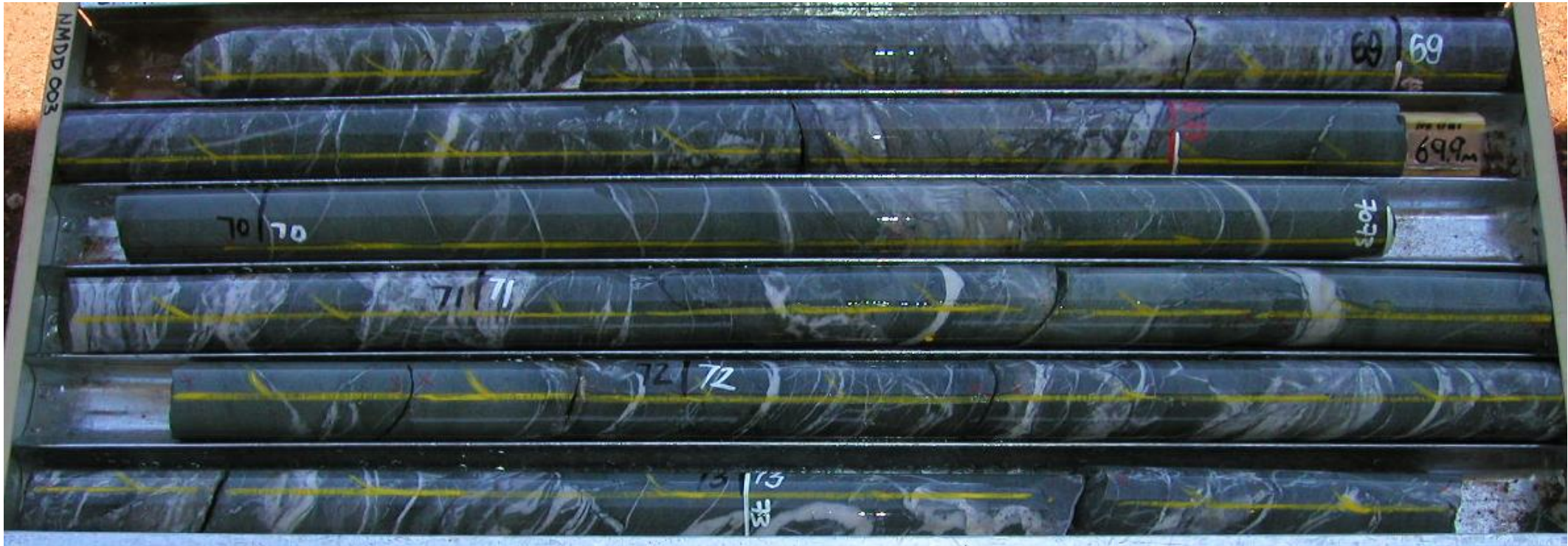
Figure 1 Long Section looking west, Merton's Reward Underground workings highlighting no drill coverage below the workings. Recently announced drill intercepts (blue and red text). Interpreted extension of the Merton's Reward north plunging ore shoots (T1 and T2 target, dashed orange). Note the lack of drilling below 150m vertical depth. All resource drilling (0-0.5g/t Au= Black, 0.5-1g/t Au= Cyan, 1-3g/t Au= Red and >3g/t Au = Magenta)

# NMDD003 Gold Grade Intersections at Mertons Reward Ore Zone 63-84m



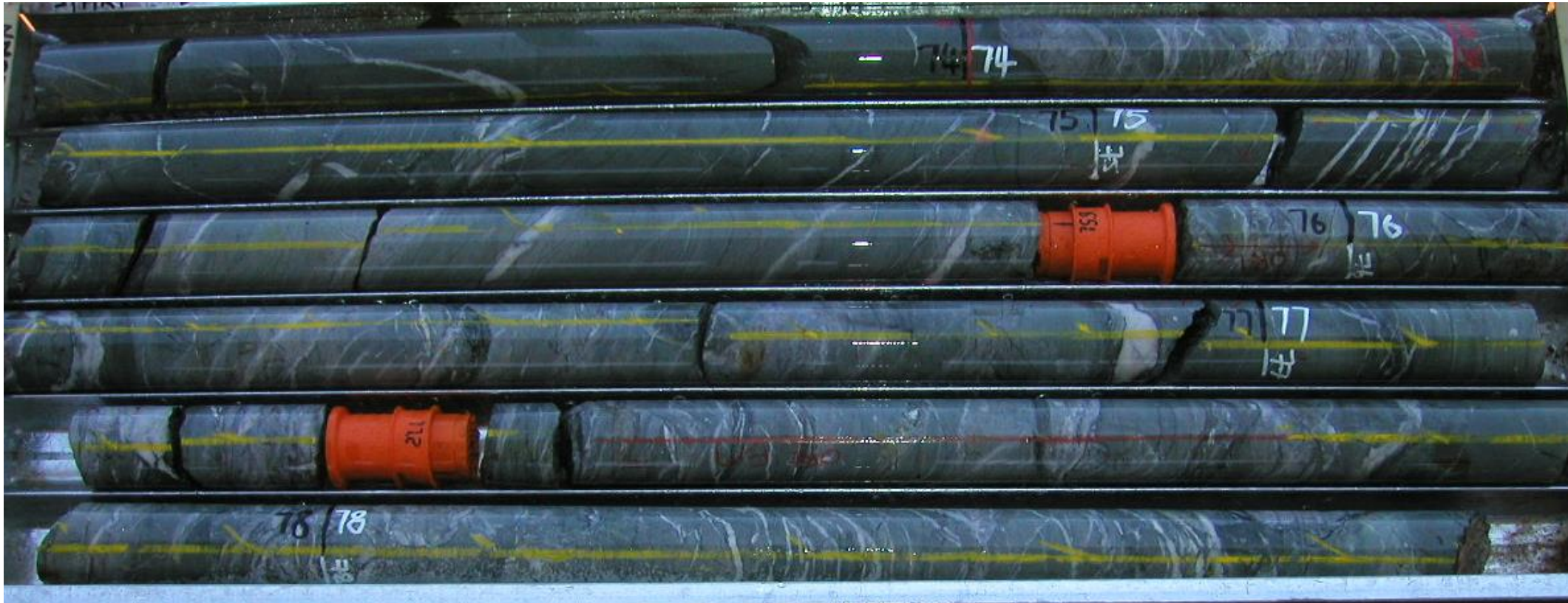
NMDD003 63-68.1m High grade zone

Assay						
DataSet	SampleID	Hole_ID	mFrom	mTo	Sample_Type	Au_ppm
Mertondale	NN008461	NMDD003	63	64	Half core	<b>10.11</b>
Mertondale	NN008462	NMDD003	64	65	Half core	1.58
Mertondale	NN008463	NMDD003	65	66	Half core	2.58
Mertondale	NN008464	NMDD003	66	67	Half core	3.45
Mertondale	NN008465	NMDD003	67	68	Half core	<b>18.3</b>



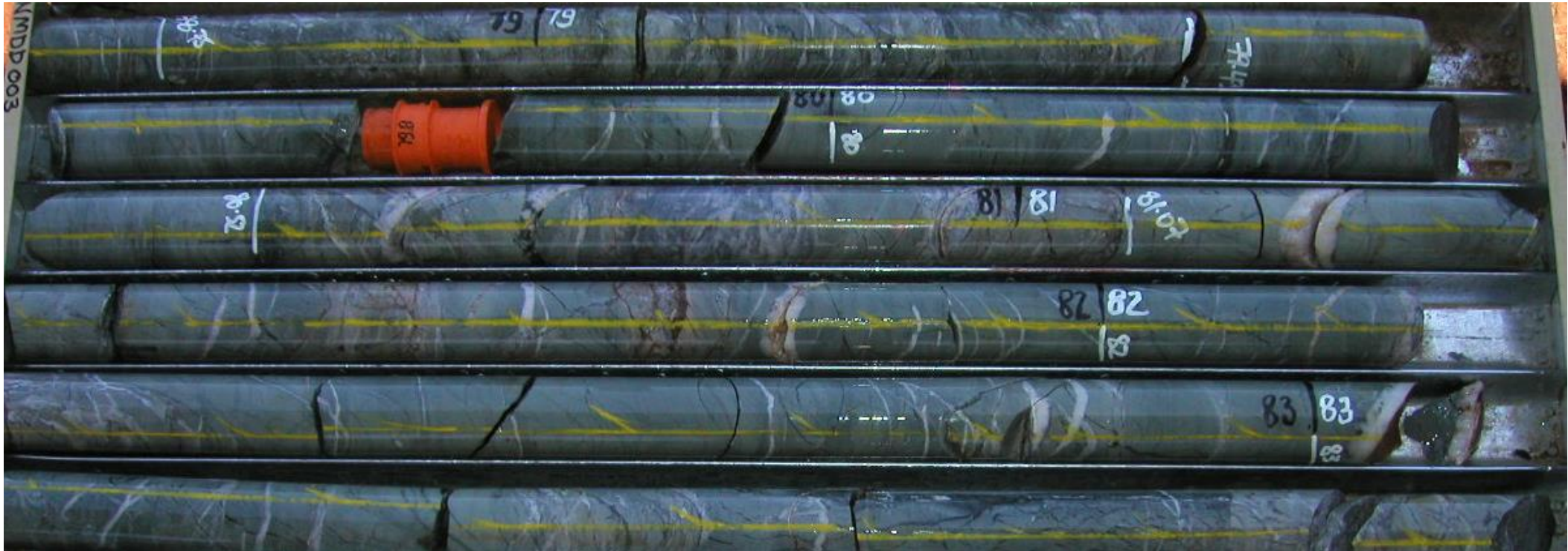
NMDD003 68.1-73.4m High grade zone with lower grade

Assay						
DataSet	SampleID	Hole_ID	mFrom	mTo	Sample_Type	Au_ppm
Mertondale	NN008466	NMDD003	68	69	Half core	<b>10.48</b>
Mertondale	NN008467	NMDD003	69	69.73	Half core	<b>7.16</b>
Mertondale	NN008468	NMDD003	69.73	70.73	Half core	0.61
Mertondale	NN008469	NMDD003	70.73	71	Half core	0.76
Mertondale	NN008470	NMDD003	71	72	Half core	0.22
Mertondale	NN008471	NMDD003	72	73	Half core	1.56



NMDD003 73.4-78.7m Medium grade zone with lower grade

Assay						
DataSet	SampleID	Hole_ID	mFrom	mTo	Sample_Type	Au_ppm
Mertondale	NN008472	NMDD003	73	74	Half core	0.62
Mertondale	NN008473	NMDD003	74	74.3	Half core	3.13
Mertondale	NN008474	NMDD003	74.3	75	Half core	0.32
Mertondale	NN008476	NMDD003	75	76	Half core	3.04
Mertondale	NN008477	NMDD003	76	77	Half core	2.27
Mertondale	NN008478	NMDD003	77	78	Half core	2.64
Mertondale	NN008479	NMDD003	78	78.75	Half core	0.51



NMDD003 78.7-83.9m High grade zone with lower grade

Assay						
DataSet	SampleID	Hole_ID	mFrom	mTo	Sample_Type	Au_ppm
Mertondale	NN008480	NMDD003	78.75	79.43	Half core	1.33
Mertondale	NN008481	NMDD003	79.43	80	Half core	0.39
Mertondale	NN008482	NMDD003	80	80.52	Half core	0.17
Mertondale	NN008483	NMDD003	80.52	81.07	Half core	<b>21.6</b>
Mertondale	NN008484	NMDD003	81.07	82	Half core	1.29
Mertondale	NN008485	NMDD003	82	83	Half core	1.62
Mertondale	NN008486	NMDD003	83	84	Half core	1.25

Managing Director Trevor Dixon said *“Kin was very pleased with its first drill results at Merton’s Reward. The T2 target intersections indicate that mineralisation at Merton’s Reward persists deeper than previously modelled which has real potential to increase the Resource base. Evaluations of historical records (DMP reports 1899-1905) have provided a unique insight into the mining status at the time and details about productive lodes from the original underground mining operation. Merton’s Reward has had very limited deep drilling considering the amount of gold that was extracted in the early 1900s. This upcoming drill program is designed to locate high grade mineralisation down plunge of this growing ore body.”*

### **Competent Persons Statement**

*The information contained in this report that relates to mineral resources and exploration results is based on information compiled and reviewed by Paul Maher who is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Mr. Simon Buswell-Smith who is a Member of the Australian Institute of Geoscientists (MAIG), both are employees of the company and fairly represents this information. Mr. Maher and Mr. Buswell-Smith have sufficient experience of relevance to the styles of mineralisation and the types of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 edition of the “JORC Australian code for reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr. Maher and Mr. Buswell-Smith consent to the inclusion in the report of the matters based on information in the form and context in which it appears.*

### **Forward Looking Statements**

*Certain information in this document refers to the intentions of Kin Mining NL, but these are not intended to be forecasts, forward looking statements or statements about future matters for the purposes of the Corporations Act or any other applicable law. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause Kin Mining NL’s actual results, performance or achievements to differ from those referred to in this announcement. Accordingly, Kin Mining NL, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will actually occur as contemplated*