



## Redcliffe Gold Project

- Major developing gold project with existing resources
- Under explored – actively expanding extensive mineralised systems
- New discovery potential with high grade drill targets
- Primed for growth



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## Competent Persons Statement

The information in this presentation relates to Exploration Results is based on the information reviewed by Rodney Foster who is a member of the Australasian Institute of Mining and Metallurgy, Rodney Foster is a Director and full time employee of the Company. He has sufficient experience which is relevant to the mineralisation and type of deposit under consideration and to the activity which he is undertaking 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’. Rodney Foster consents to the inclusion in this report of the matters based on his information in the form and context in which it appears. This information with respect to Resources was prepared and first disclosed under JORC Code 2004. It has not been updated since to comply with JORC 2012 on the basis that the information has not materially changes since it was last reported. A process of review is underway.



# Corporate Summary

## Board & Management

<b>Paul Price</b>	Chairman
<b>Rodney Foster</b>	CEO
<b>Lloyd Jones</b>	Non Executive Director
<b>Mark Maine</b>	Company Secretary
<b>Lyle Thorne</b>	Exploration Manager

## Share Structure

<b>Shares on Issue:</b>	263.3 million
<b>Market Cap:</b>	\$11.58m (at 4.4c)
<b>Top 20 holders:</b>	52.4%
<b>Directors Hold:</b>	8.1%
<b>Total Shareholders:</b>	1,728
<b>52 week price range:</b>	\$0.035 – \$0.088



# Redcliffe Gold Project

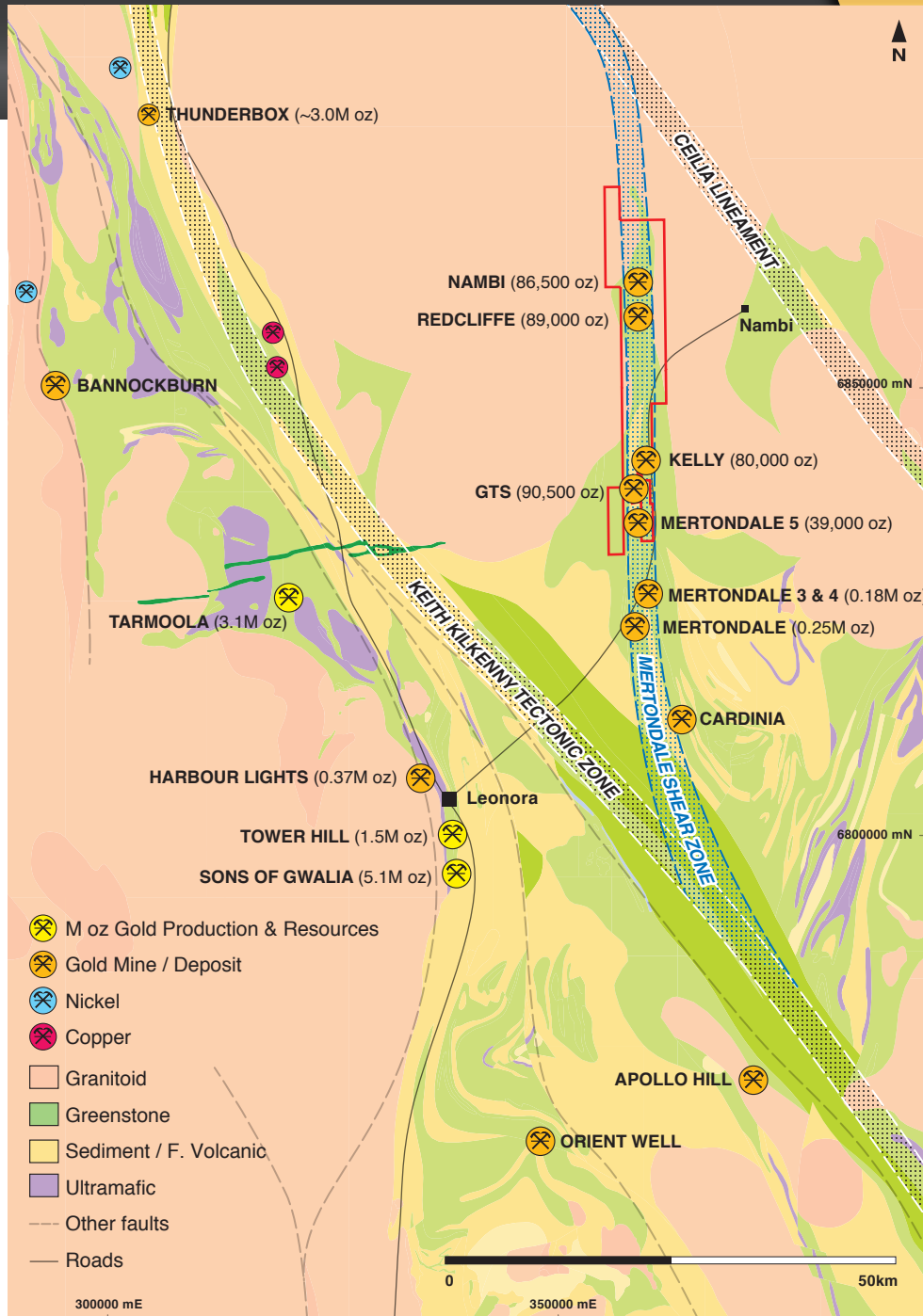
## Regional Overview

- Eastern Goldfields, WA, 240km north of Kalgoorlie
- Leonora – excellent existing regional infrastructure
- The Mertondale Shear Zone
  - a regionally important deep seated link structure
  - conduit for gold bearing fluids
- Numerous shallow oxide deposits

## Gold endowment

Regional: **+15Moz**

MSZ: **+1.4Moz**

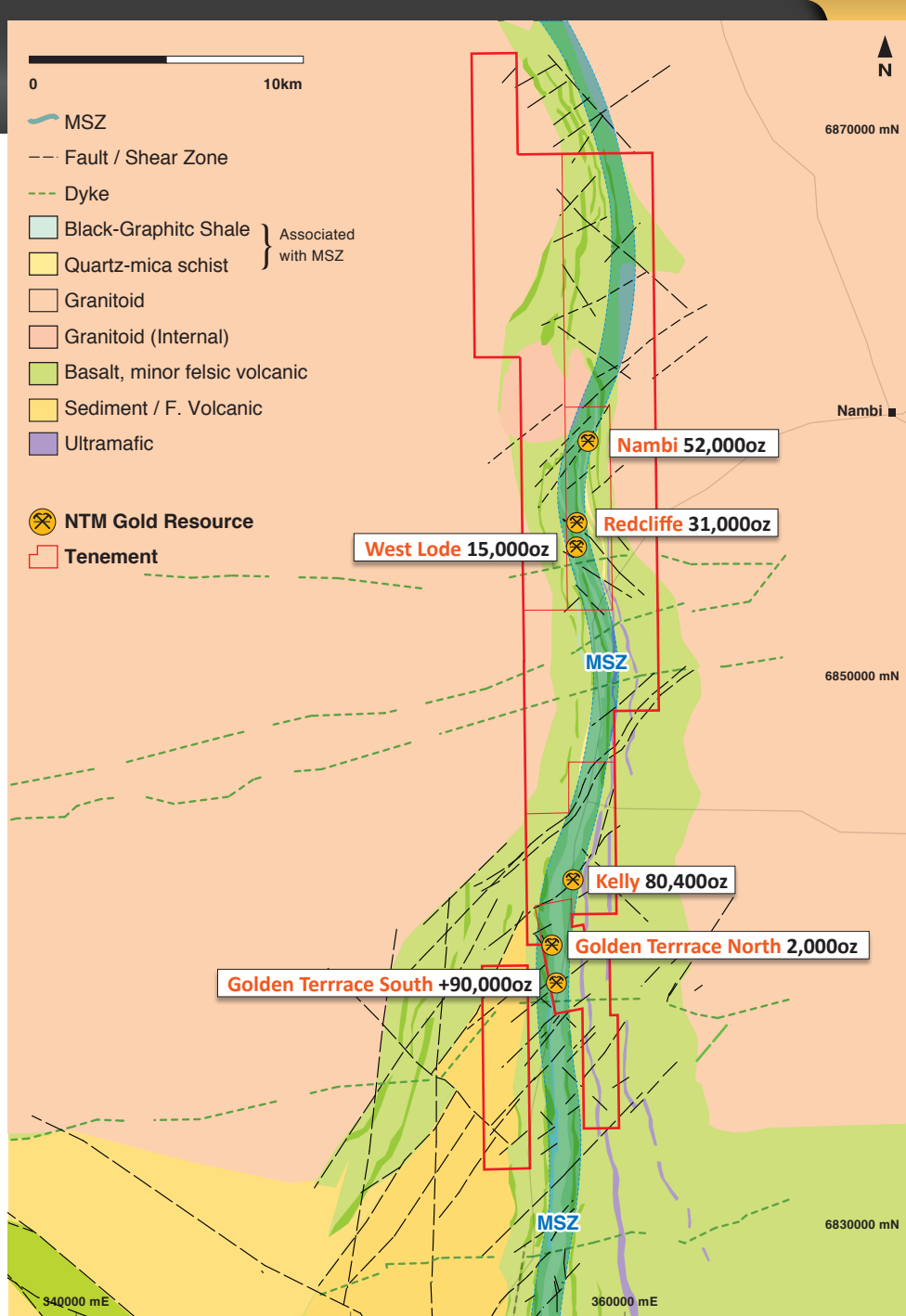


# Redcliffe Gold Project

## Project Overview

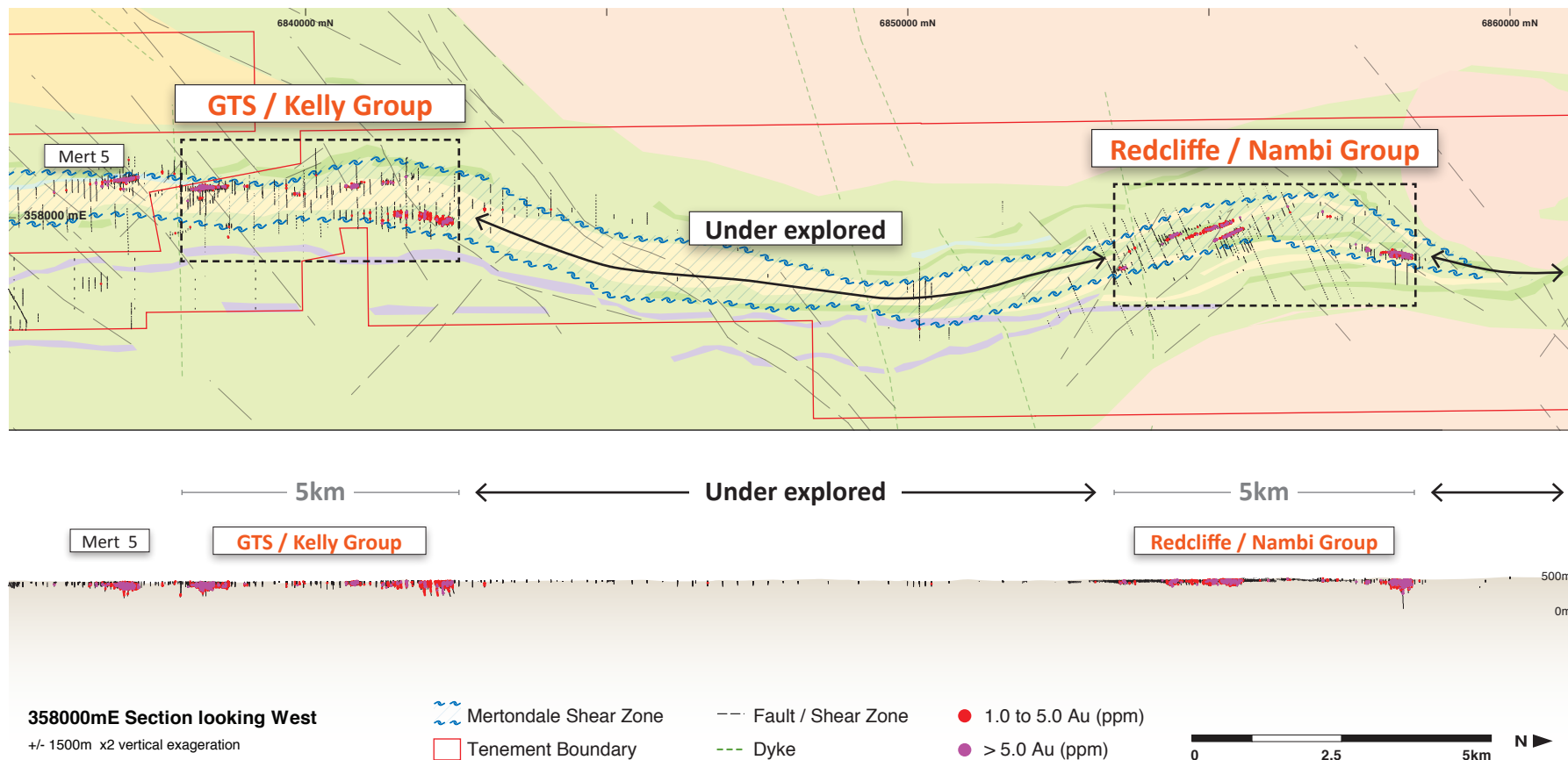
- Tenement area of 170km<sup>2</sup>
  - resources within granted mining licences
- Mertondale Shear Zone (MSZ)
  - Two mineralised bounding shears: Great Western Fault  
Mertondale Fault
- Known deposits open along strike and at depth, still growing
- Underexplored
  - much of historical drilling too shallow
- Recent deeper drilling producing high grades
  - Nambi
  - Golden Terrace South

\* See Appendix



## MSZ known deposits

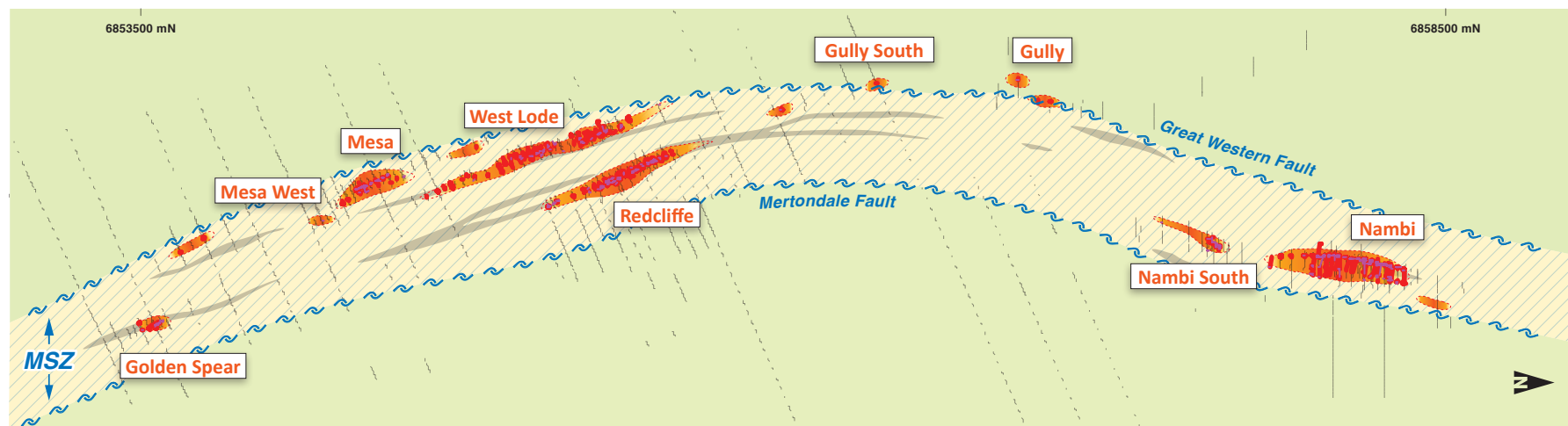
- NTM Gold deposits to date occur in two groups: GTS / Kelly Group and Redcliffe / Nambi Group
- Intervening area is undercover and under explored





## Redcliffe / Nambi Group

- Previous production in shallow open pits (3-4g/t) to ~60m
- Numerous priority targets to test
- Resources open along strike at depth
- Limited deeper (+200m) drilling completed
  - potential at depth remains to be tested



**Golden Spear**  
24m @ 4.30g/t  
4m @ 41.9g/t

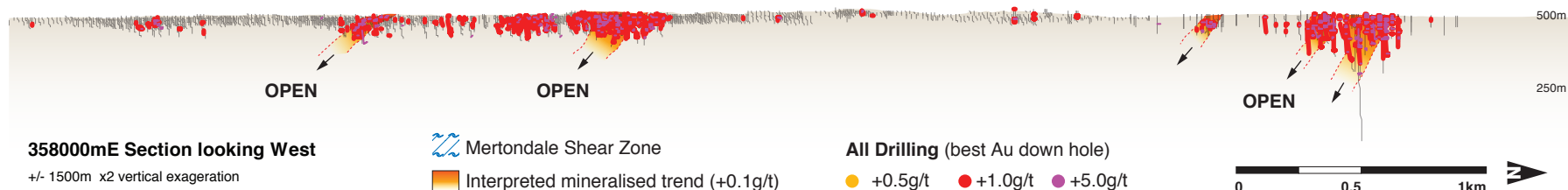
**West Lode**  
17m @ 2.84g/t  
3m @ 13.57g/t

**Redcliffe**  
8m @ 4.09g/t  
6m @ 4.46g/t

**Gully South**  
11m @ 2.57g/t

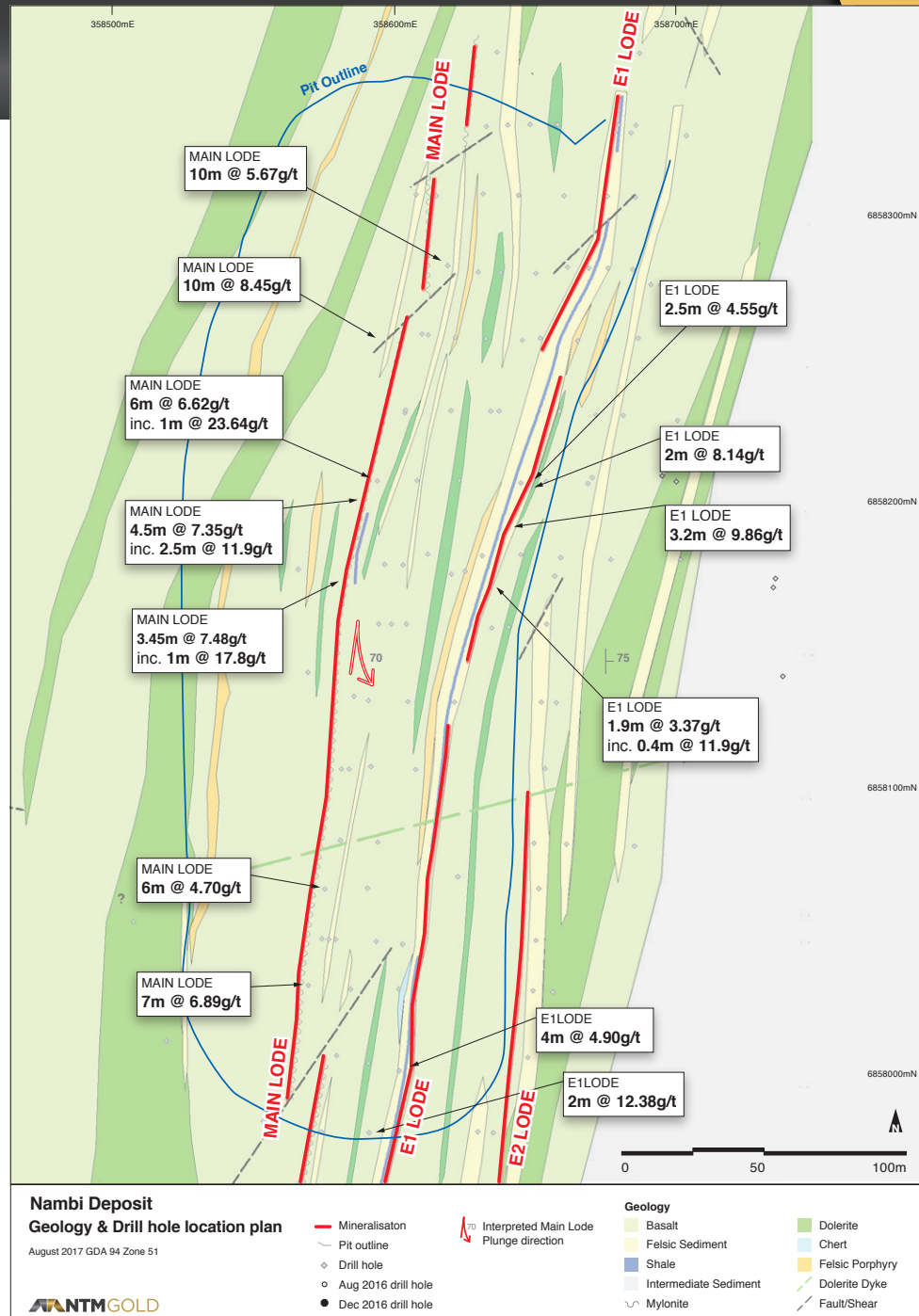
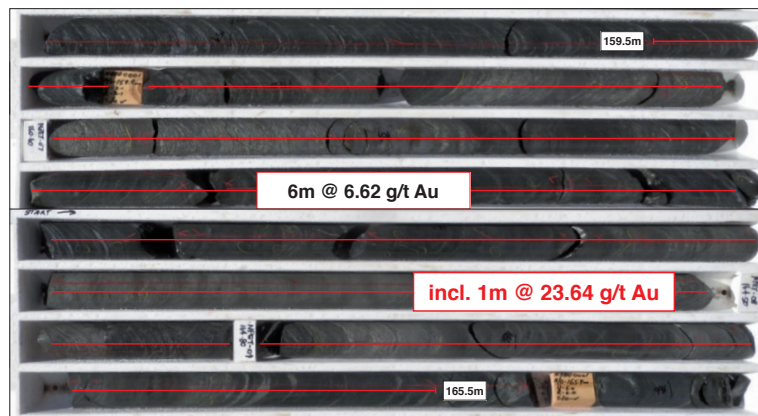
**Nambi South**  
25m @ 3.57g/t  
6m @ 4.65g/t

**Nambi**  
6m @ 6.62g/t  
10m @ 5.67g/t  
10m @ 8.45g/t



## Nambi Deposit

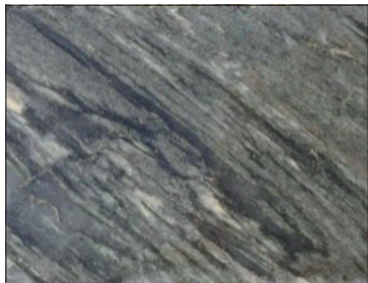
- Nambi system shows strong continuity along strike and depth
- Deeper DDH drilling intersected Main & East Lode well below historic pit
- Open to north and down plunge
  - drilling planned
- Mineralisation in multiple silica sulphide lodes: Main, E1 and E2 Lodes
- Historic pit 400m strike x 60m deep
  - 32,000oz @ 3-4g/t (1990s)



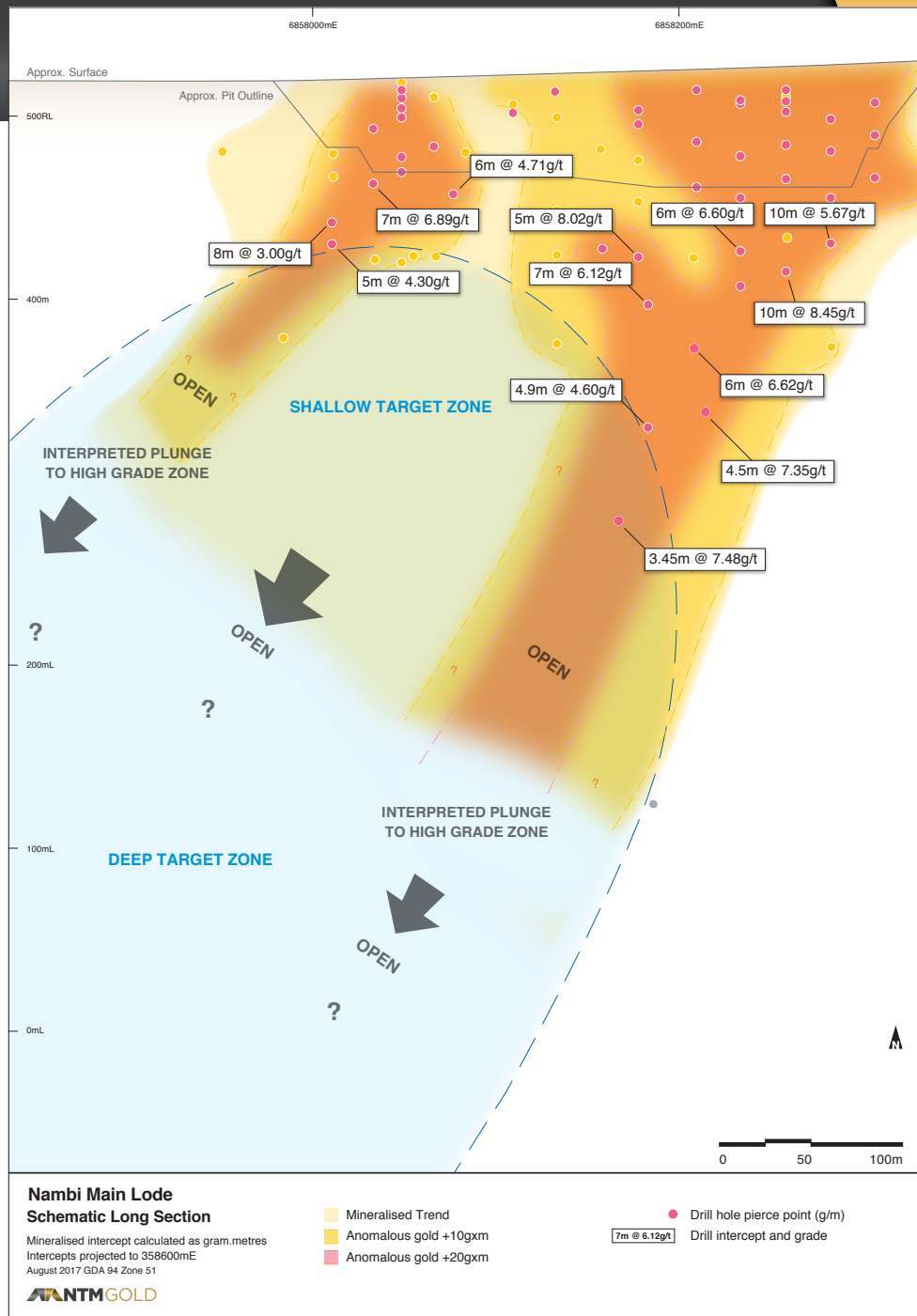


## Nambi Deposit High Grade

- Coherent high grade mineralisation defined to ~180m beneath base of pit (Main Lode)
- Interpreted steep south plunging shoots
- Potential for open pit cut back and underground operation to depth
- Silica-pyrrhotite lodes in mylonitised sediment/volcanics
- Drilling planned



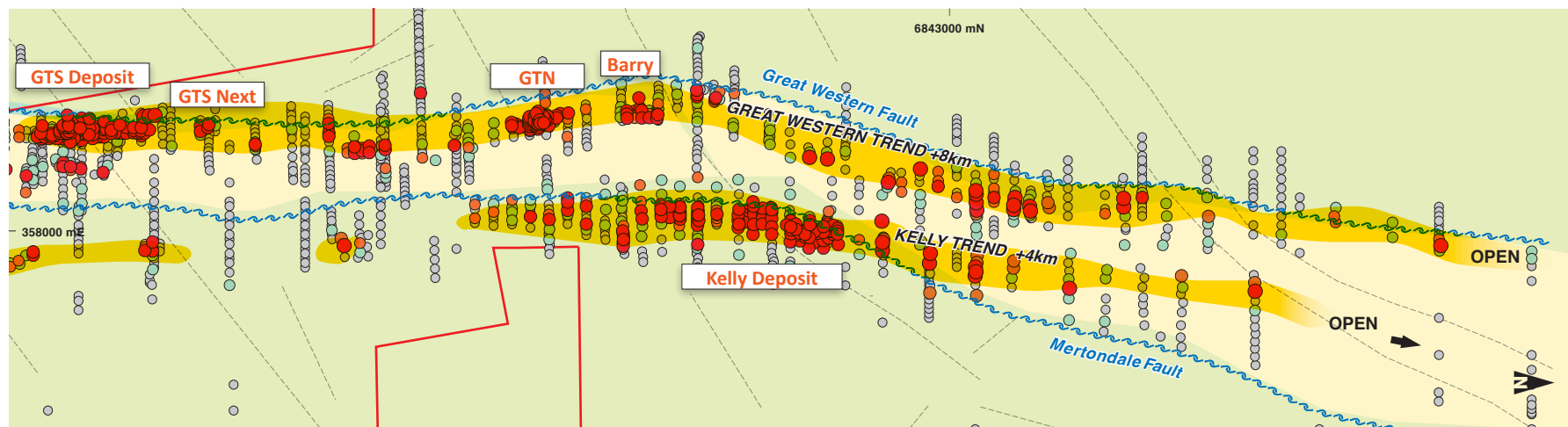
Main Lode: NBDD002 core @ 182.5m (top) and @ 184.3m (left).



# Redcliffe Gold Project

## GTS / Kelly Group

- GTS and numerous prospects associated with Great Western Fault
- Kelly prospects associated with Mertondale Fault



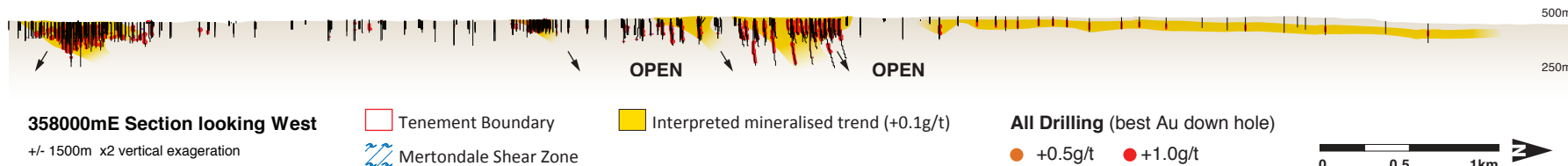
**GTS (+90,000oz)**  
 66m @ 3.70g/t  
 44m @ 6.41g/t  
 12m @ 16.68g/t

**GTS Next**  
 3m @ 2.37g/t  
 12m @ 3.40g/t

**GTN**  
 12m @ 4.29g/t  
 3m @ 18.82g/t  
 4m @ 9.64g/t

**Barry**  
 6m @ 3.03g/t  
 3m @ 3.90g/t

**Kelly (80,000oz)**  
 15m @ 8.04g/t  
 9m @ 6.35g/t  
 24m @ 1.65g/t



## GTS Deposit

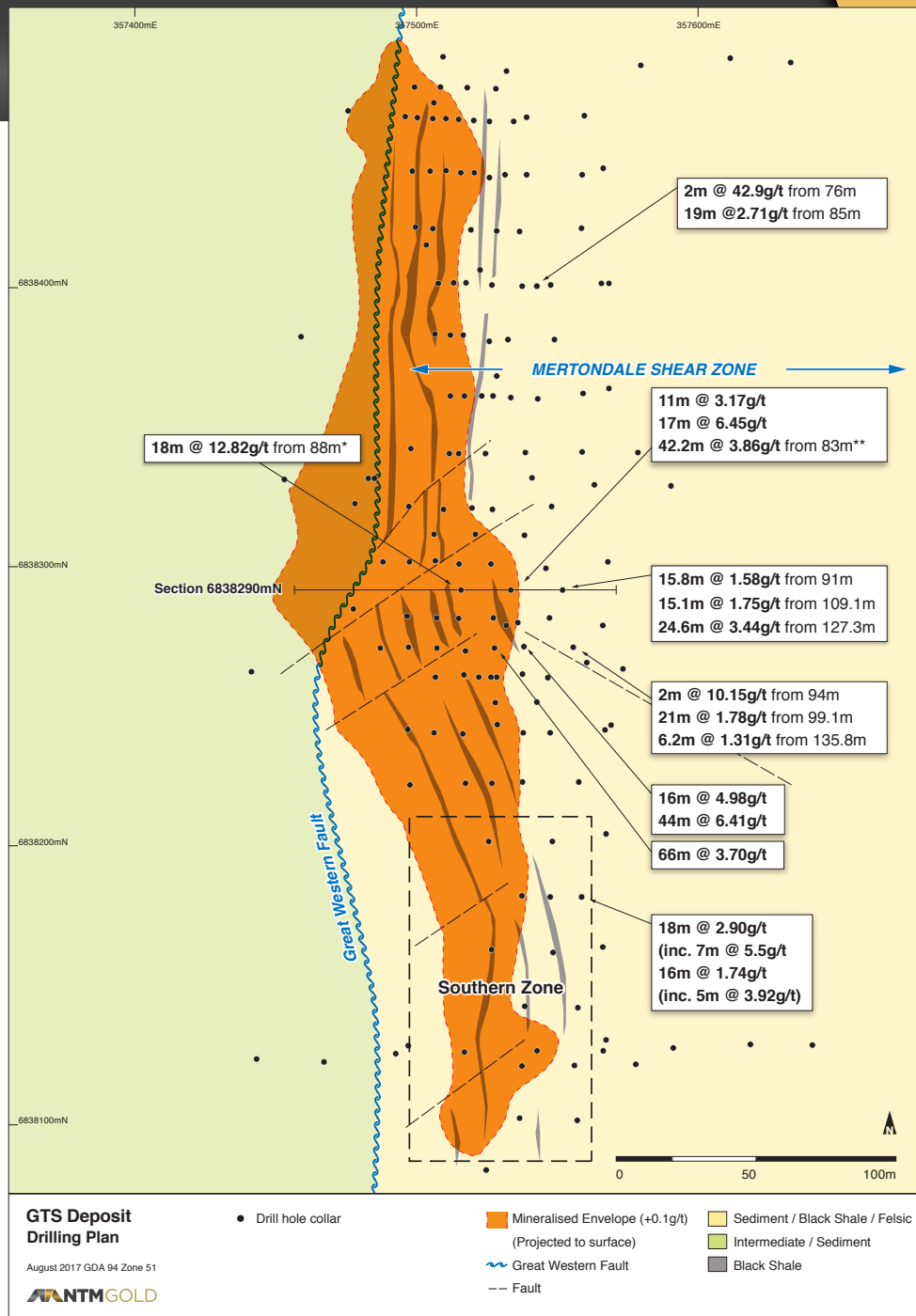
**GTS Deposit: +90,000oz\***

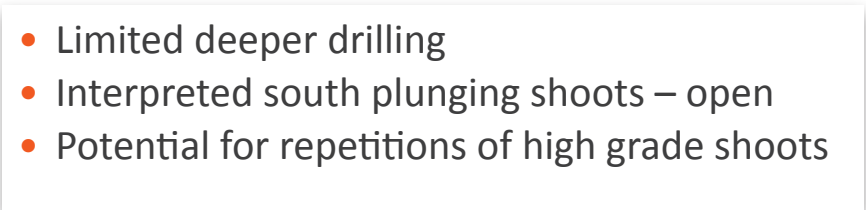
- Strong potential to expand
- Part of Great Western Fault Trend
- Open pit potential, primary high grade mineralisation – remains open
- Drilling planned to define high grade shoots, structurally controlled

### Recent drilling

- **Northern extension (GTS Next):**
  - 12m @ 3.40g/t (inc. 3m @ 7.2g/t) from 97m
  - 5m @ 3.04g/t
  - Remains open
- **Southern Zone:**
  - 18m @ 2.90g/t (inc. 7m @ 5.5g/t) from 112m
  - 16m @ 1.74g/t (inc. 5m @ 3.92g/t) from 152m
  - Remains open

\* See Appendix



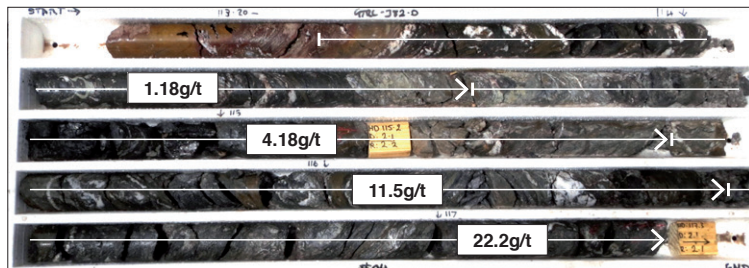


**TOFR** = Top of Fresh Rock

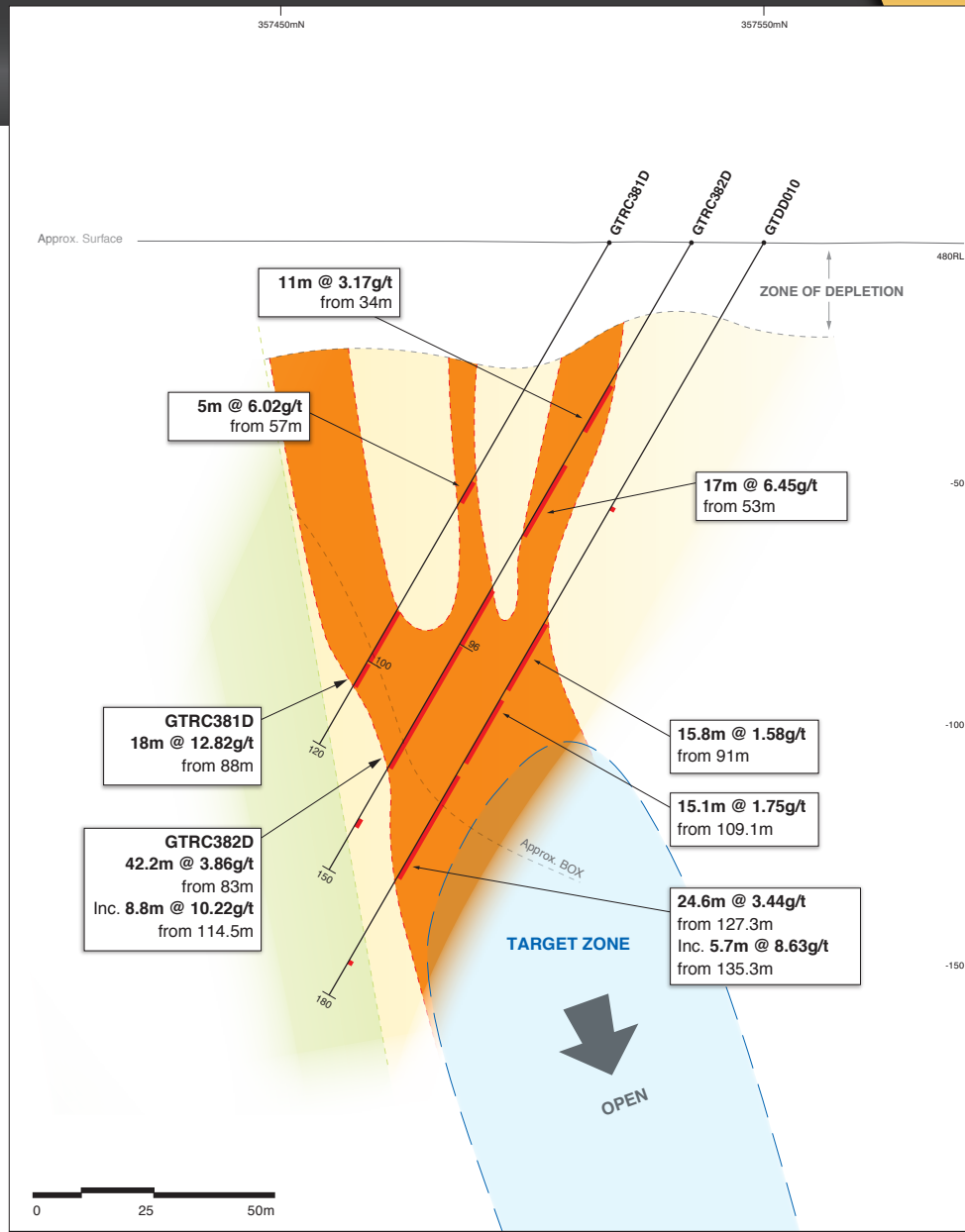


## GTS Deposit High Grade Zone

- High grade mineralised zone hosted in felsic volcanics and sediments (inc. black shale).
- Strong structural control
  - plunging shoots, still yet to be fully tested.
- Primary mineralisation open at depth and along strike
  - Southern Zone
  - GTS Next



GTRC382D: 113.2 to 117.3m. Part of 8.8m @ 10.22g/t from within 29.2m @ 4.61g/t



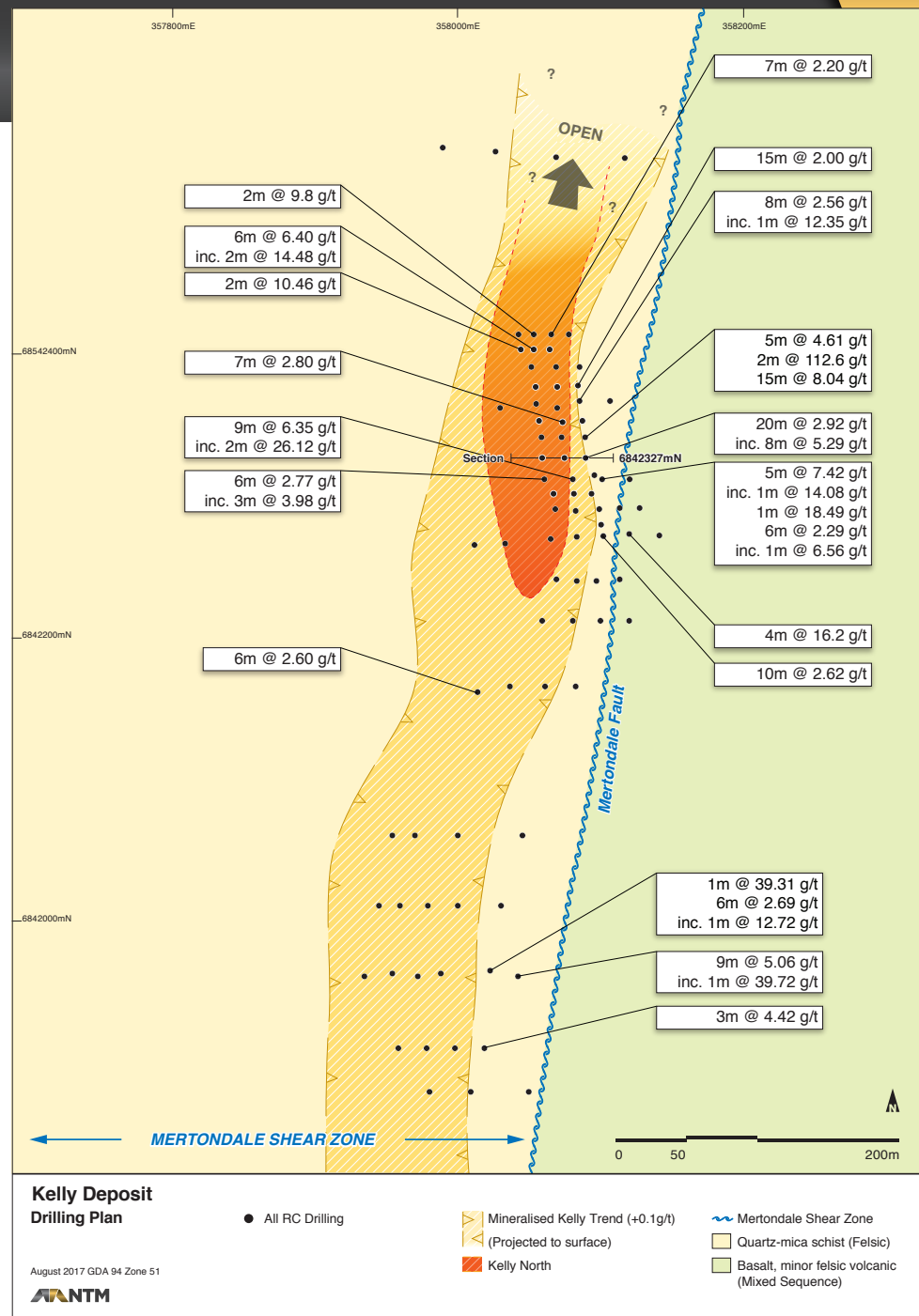
**GTS Deposit**  
**Schematic Section 6838290mN**  
 Section looking North +/-10m  
 Drill hole intercept, metres at g/t gold)  
 August 2017, GDA 94 Zone 51

**Drill Intercept (+0.5g/t)**  
 RC Pre-Collar Depth

Sediment / Black Shale / Felsic  
 Intermediate / Sediment  
 BOX = Base Of Oxidation

## Kelly Deposit

- Part of Kelly Trend, located along Mertondale Fault (East side of MSZ)
- Very Large Mineralised zone drilled with RC, +2km strike, up to 100m wide
  - open along strike and at depth
- Kelly is a large lower-grade oxide deposit to ~90m deep
  - potential for open pit ‘mainstay’
- Higher grade areas within broad mineralised zone yet to be fully defined
  - **20m @ 2.92g/t** (inc. **8m @ 5.29g/t**)
  - **9m @ 6.35g/t** (inc **2m @ 26.12g/t**)
  - **2m @ 112.6g/t**
  - **15m @ 8.04g/t**
- Controls to primary high grade mineralisation under investigation
  - deep drilling planned



## Regional Exploration 2017

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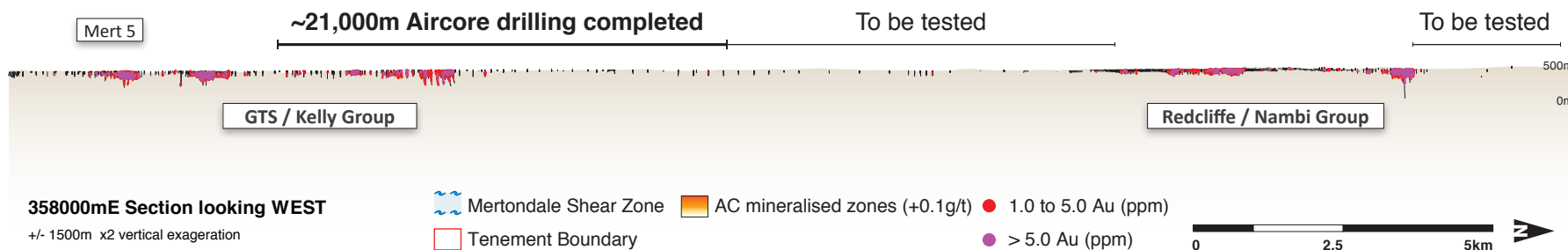
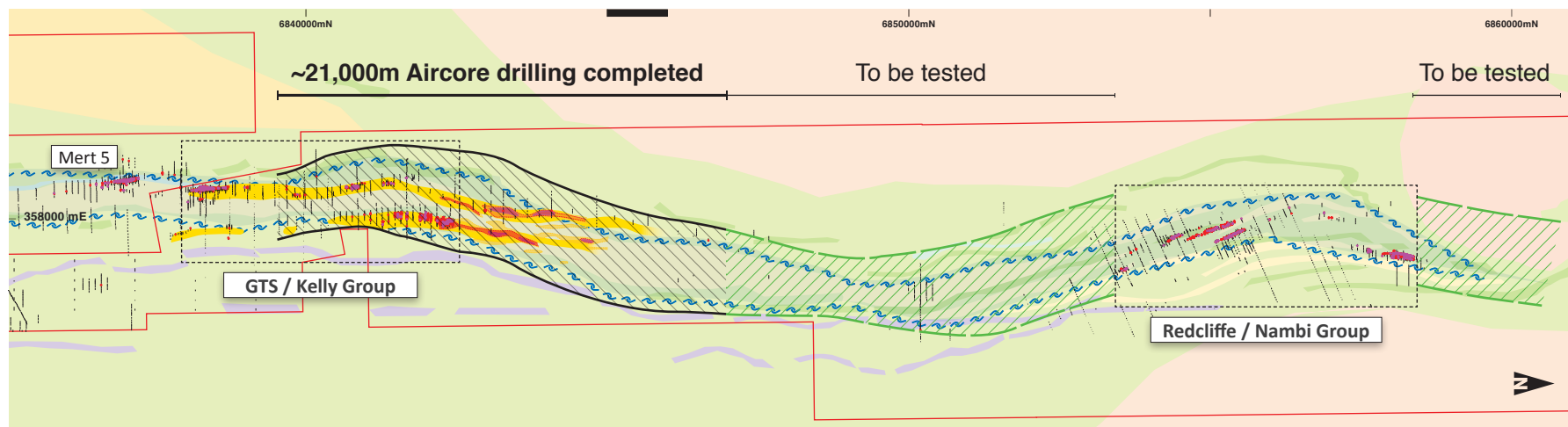
Initial regional exploration drilling has identified extensive mineralised systems on kilometre scale, outlining several large targets for follow up RC drill testing.



# Regional Exploration Drilling Program

## Exploring untested / undercover zones

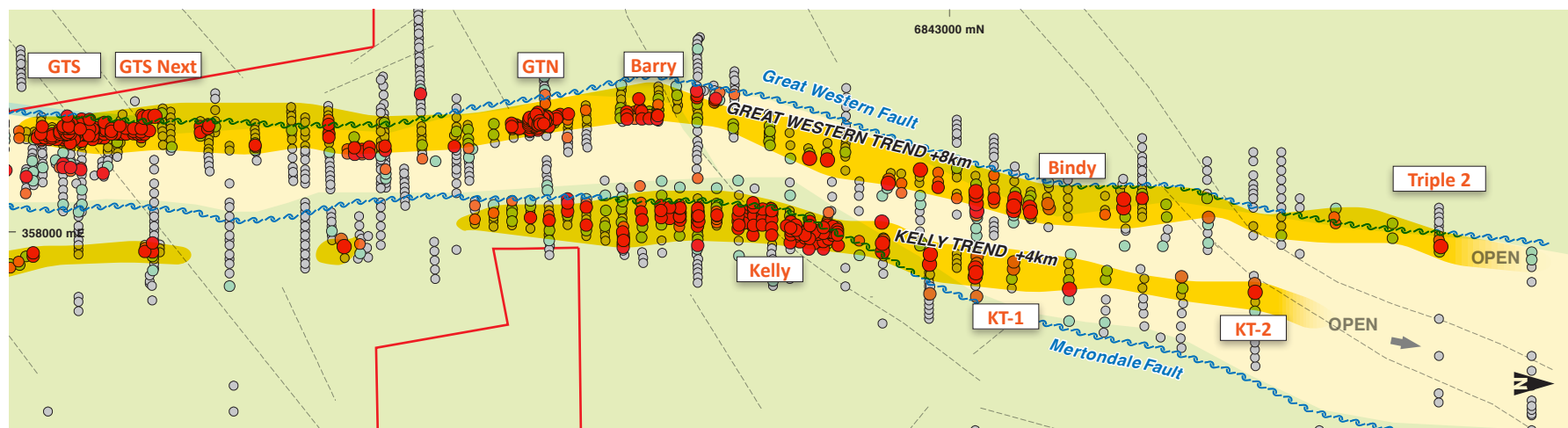
- Regional systematic exploration commenced in April 2017
- Initial wide spaced Aircore, 241 holes drilled to date for approximately 21,000 metres advance
- Many holes ending in mineralisation



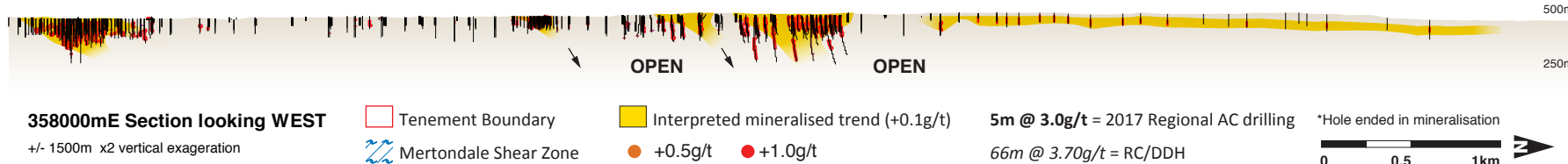


## GTS/Kelly Group Aircore drilling expanding mineralised systems

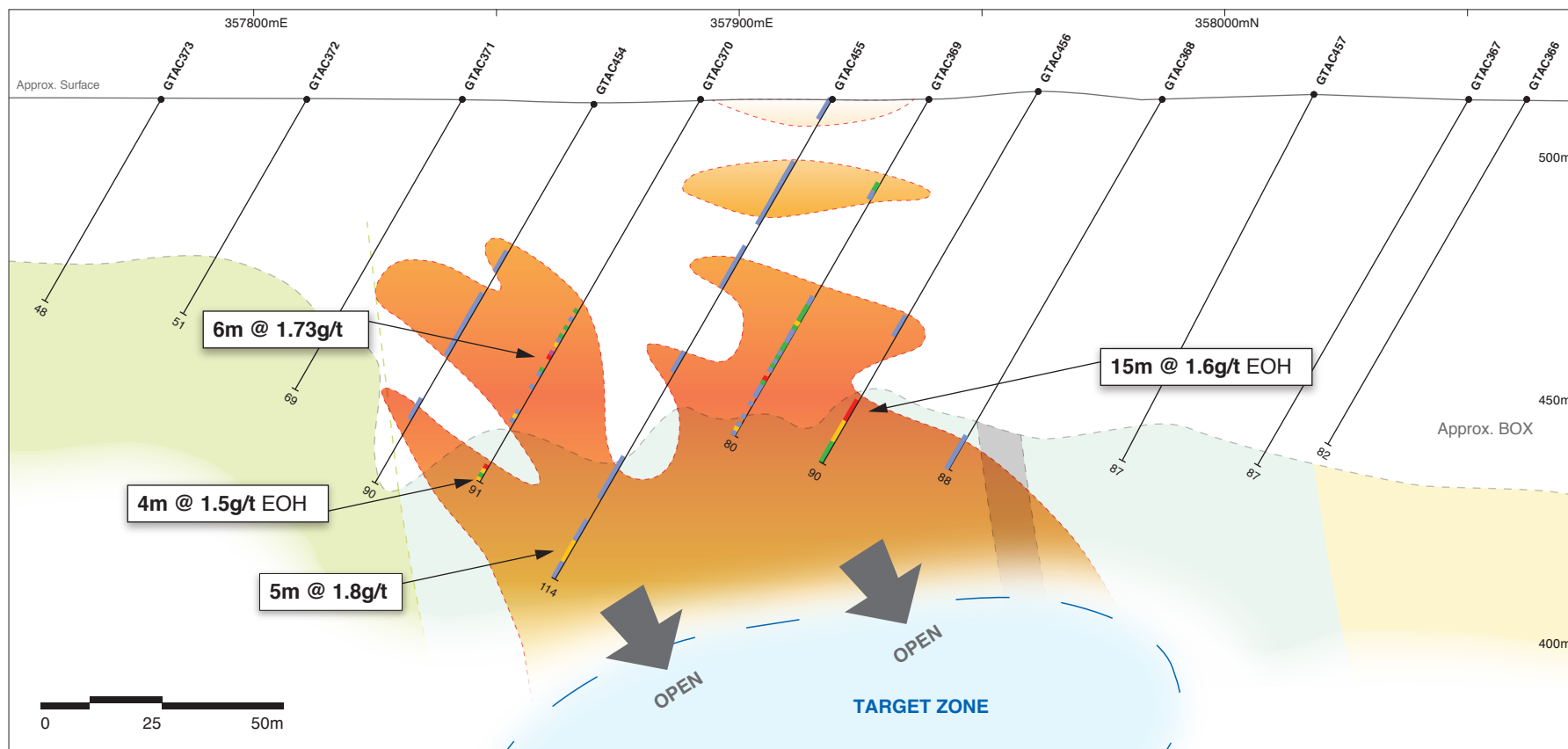
- 8km extension of gold mineralised trend with individual assays up to 9.8g/t along the Great Western Fault
- Bindy Prospect is over 800m long and up to 120m wide with assays of up to 5.4g/t
- Kelly Trend now extended to over 4km strike length with Aircore assays of up to 5.0g/t



GTS (90,500oz)	GTS Next	GTN	Barry	Kelly (80,000oz)	KT-1	BINDY	KT-2	Triple 2
66m @ 3.70g/t	3m @ 2.37g/t	12m @ 4.29g/t	6m @ 3.03g/t	15m @ 8.04g/t	10m @ 1.3g/t	8m @ 1.29g/t	10m @ 2.0g/t	20m @ 0.4g/t
44m @ 6.41g/t	12m @ 3.40g/t	3m @ 18.82g/t	3m @ 3.90g/t	9m @ 6.35g/t	16m @ 1.02g/t*	6m @ 1.3g/t*		
12m @ 16.68g/t	5m @ 3.0g/t	4m @ 9.64g/t		24m @ 1.65g/t	5m @ 1.6g/t*	6m @ 1.7g/t		
					7m @ 1.0g/t*	4m @ 1.5g/t*		
						15m @ 1.6g/t*		



## Bindy Prospect



### Bindy Prospect

#### Schematic Section 6843960mN

Section looking North +/-25m  
Drill hole intercept, metres at g/t gold)  
August 2017. GDA 94 Zone 51

#### Simplified geology

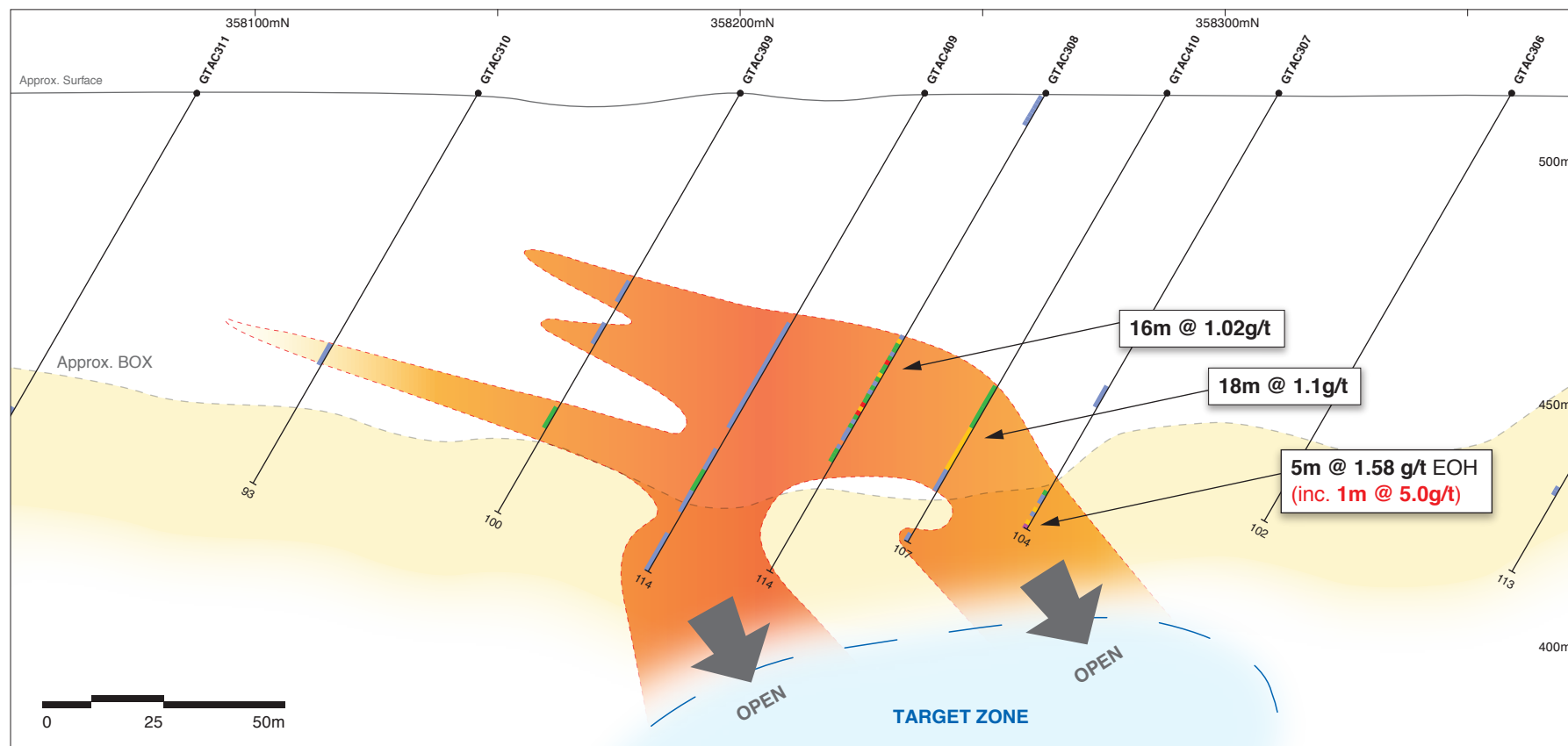
- Felsic schist
- Intermediate / Mafic schist
- Black-Graphitic Shale
- Felsic schist, felsic sediment, chert

#### Au (ppm)

- 0.1 to 0.5
- 0.5 to 1.0
- 1.0 to 2.0
- 2.0 to 5.0
- >5.0

- AC mineralised zones (+0.1g/t)
- BOX = Base Of Oxidation

## KT-1 Prospect (Kelly Trend)



### KT-1 Prospect

#### Schematic Section 6843160mN

Section looking North +/-25m  
 Drill hole intercept, metres at g/t gold)  
 August 2017. GDA 94 Zone 51

#### Simplified geology

Yellow box: Felsic schist

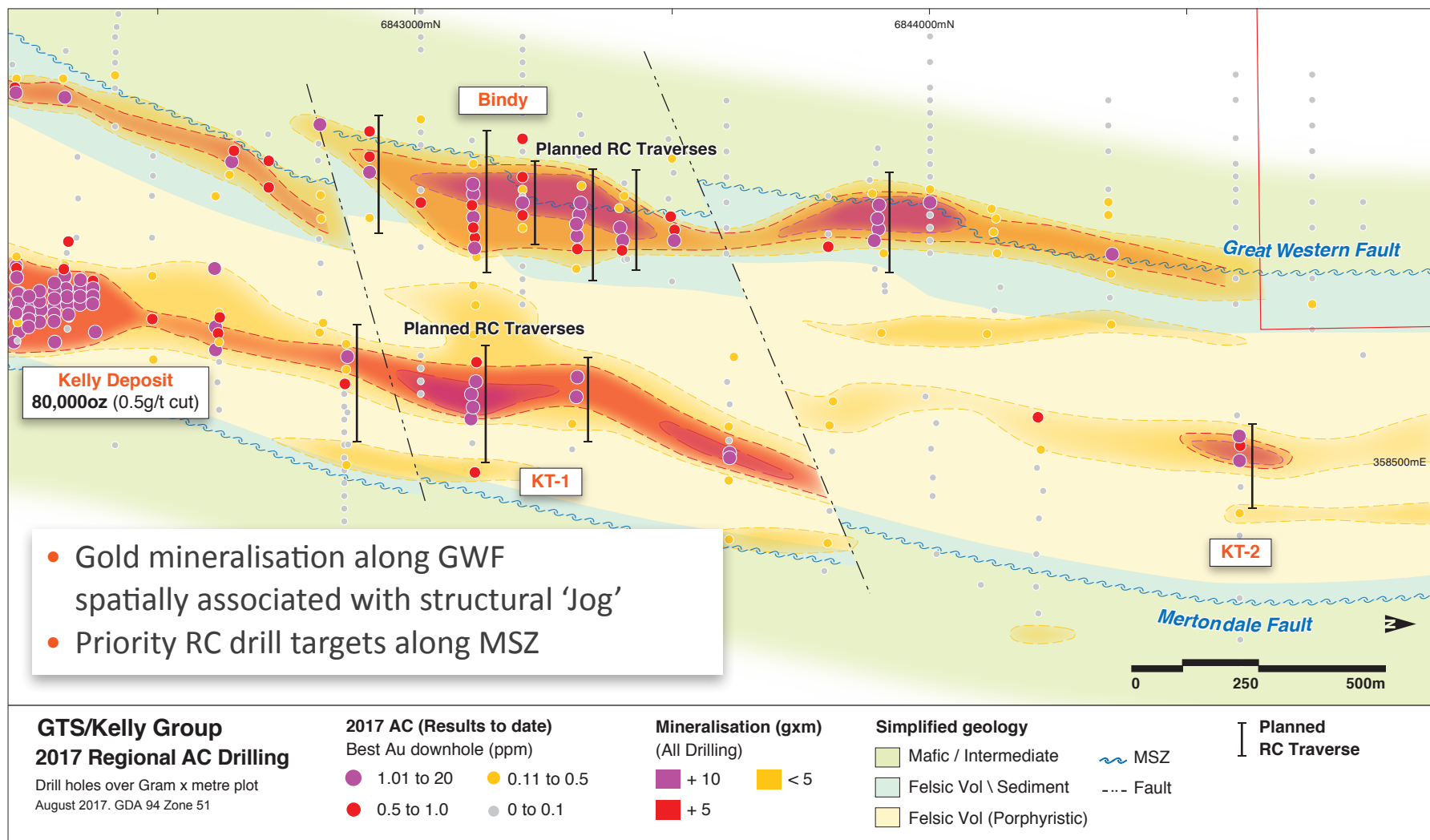
#### Au (ppm)

Blue box: 0.1 to 0.5  
 Green box: 0.5 to 1.0  
 Yellow box: 1.0 to 2.0

Red box: 2.0 to 5.0  
 Purple box: >5.0

Orange box: AC mineralised zones (+0.1g/t)  
 BOX = Base Of Oxidation

## Aircore outlines priority RC drilling targets





## 12 month work plan

ACTIVITY	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
REGIONAL												
AIRCORE												
RC												
DC												
BROWNFIELDS												
RC/RESOURCE												
DC												

### Next 6 months

- Initial RC drilling at new areas – Bindy, Kelly Trend, Triple 2
- RC drilling to extend new mineralised zones at GTS – GTS (Next, Southern Zone)
- RC/DC drilling to extend high grade Nambi shoots – Main Lode, E1 Lode
- Continue Regional Aircore Programme

### Next 12 months

- Resource Drilling (New mineralized zones, depth and strike extension of existing mineralization)
- Continue RC drilling of new areas located from ongoing regional exploration
- Update Resource

## Resource Estimates

Deposit	Indicated			Inferred			Total		
	Tonnes	g/t	ounces	Tonnes	g/t	ounces	Tonnes	g/t	ounces
<b>GTS</b>	707,000	2.46	56,000	684,000	1.56	34,000	1,391,000	2.02	90,500
<b>Nambi</b>	262,000	3.3	28,000	298,000	2.5	24,000	559,000	2.88	52,000
<b>Redcliffe</b>				560,000	1.7	31,000	560,000	1.7	31,000
<b>West Lode</b>				373,000	1.2	15,000	373,000	1.2	15,000
<b>Mesa</b>				95,000	1.5	5,000	95,000	1.5	5,000
<b>GT North</b>				64,000	1.53	3,200	64,000	1.5	3,200
<b>Golden Spear</b>				26,000	1.6	1,000	26,000	1.6	1,000
<b>Kelly</b>				2,412,000	1.04	80,400	2,412,000	1.04	80,400
<b>TOTAL</b>	<b>969,000</b>	<b>2.7</b>	<b>84,000</b>	<b>4,512,000</b>	<b>1.33</b>	<b>193, 600</b>	<b>5,480,000</b>	<b>1.57</b>	<b>277,600</b>

### References:

1. Resources estimations were carried out by independent consultants as detailed below:

Golden Terrace South (GTS): BGMS (Kalgoorlie, 2011)

Nambi: Coffey Mining (Perth, 2008)

Redcliffe: Coffey Mining (Perth, 2008)

West Lode: Coffey Mining (Perth, 2008)

Mesa: Coffey Mining (Perth, 2008)

Golden Terrace North (GTN): BGMS (Kalgoorlie, 2011)

Golden Spear: Coffey Mining (Perth, 2008)

Kelly: BGMS (Kalgoorlie, 2012)