



GIBB RIVER

DIAMONDS



ASX Code: GIB

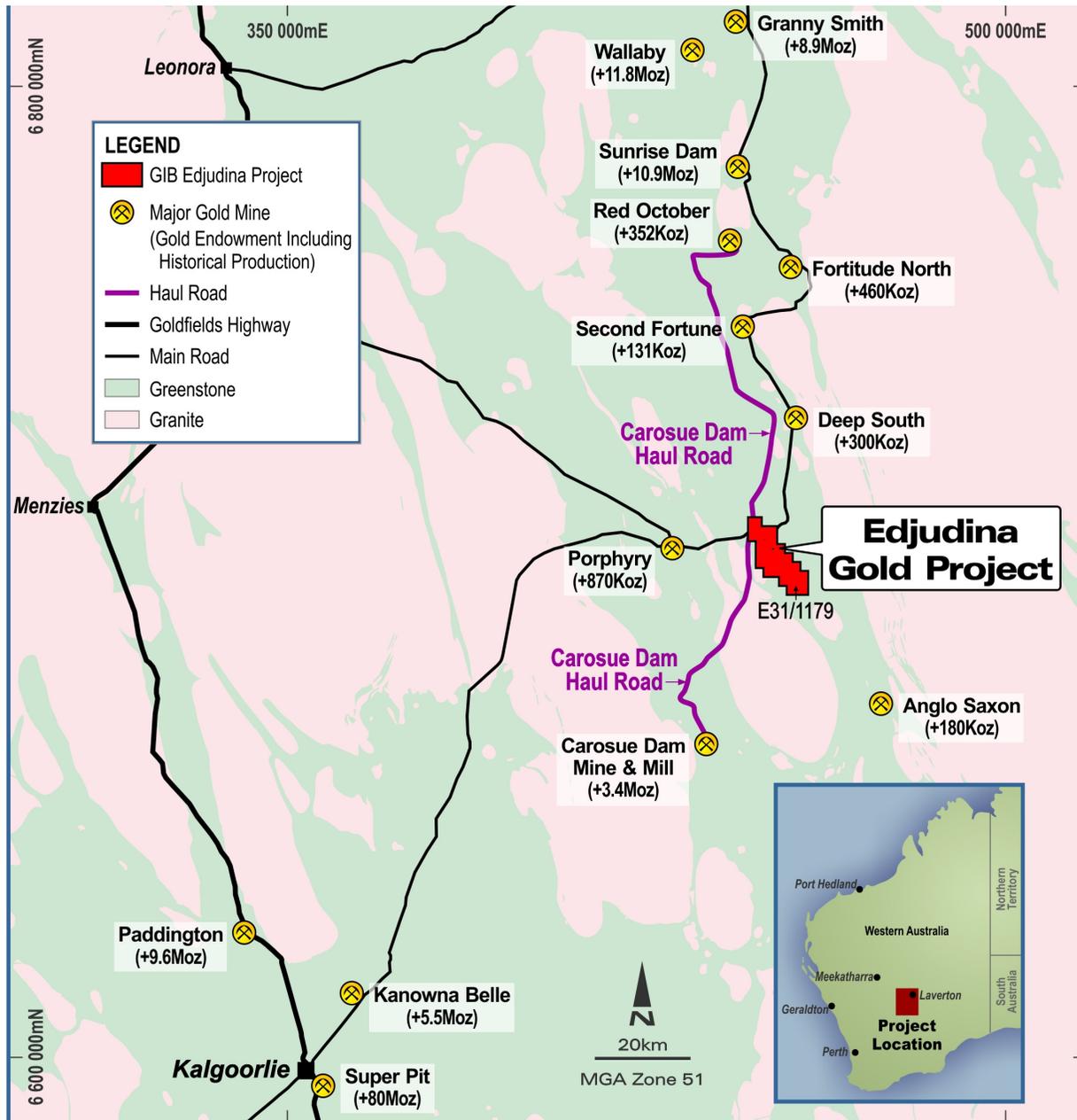
Edjudina Gold Project Eastern Goldfields, WA

May 2023



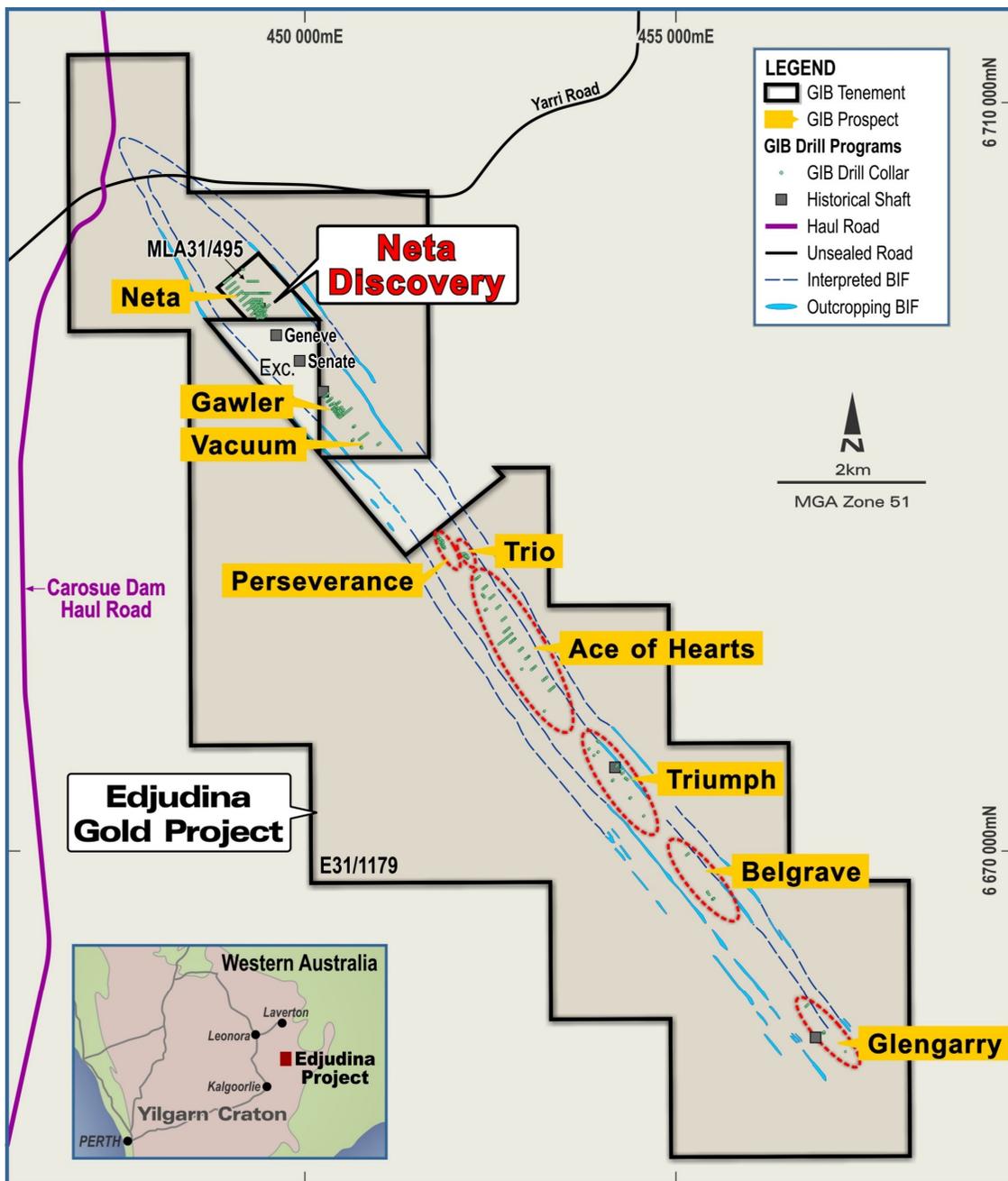
Edjudina Gold Project – GIB 100%

Eastern Goldfields, Western Australia



- Shallow/outcropping gold lodes
- Discovery of the Neta Prospect by GIB includes 36m @ 3.97g/t from 4m. Numerous high grade intersections
- Excellent exploration potential with 13km of workings along strike. Many drill ready targets with permitting
- Historic production figures for the Edjudina field are 39,476 ounces of gold at a grade of 41.0g/t,
- Active haul road runs through the tenement to the Carosue Dam mill complex 45km to the south west
- E31/1179 and MLA 31/495 are 100% owned by GIB, with no private royalties

Edjudina - Neta Prospect Discovery



Neta Discovery Drill Intersections

36m at 3.97g/t from 4m

18m at 3.10g/t from 28m

24m at 1.44g/t from surface

8m at 2.91g/t from 26m

14m at 1.20g/t from 1m

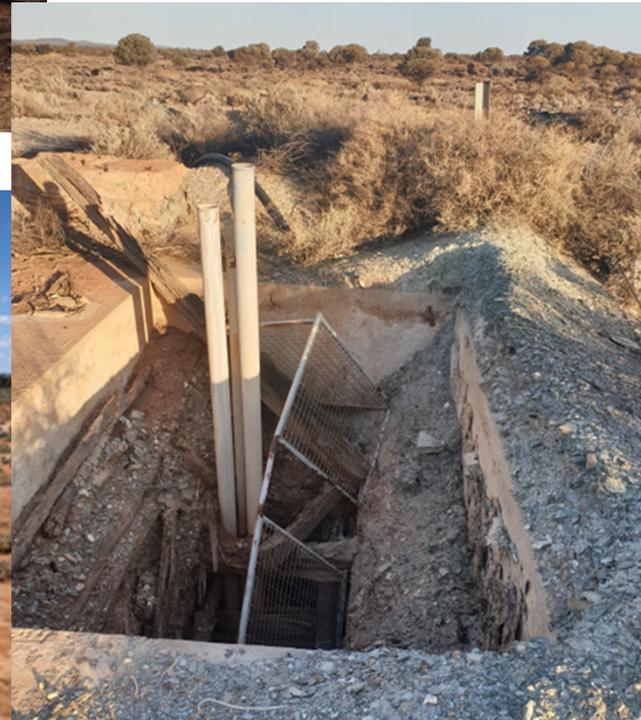
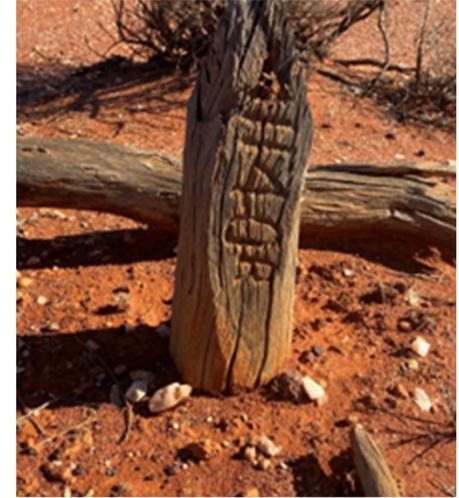
21m at 1.74g/t from 38m

1m at 35.0g/t from 7m

29m at 0.86g/t from surface

- High grade core at Carlsen Lode
- Mining lease applied for
- Metallurgical studies indicate excellent gold extraction up to 92.6% from oxidised material (not optimised)

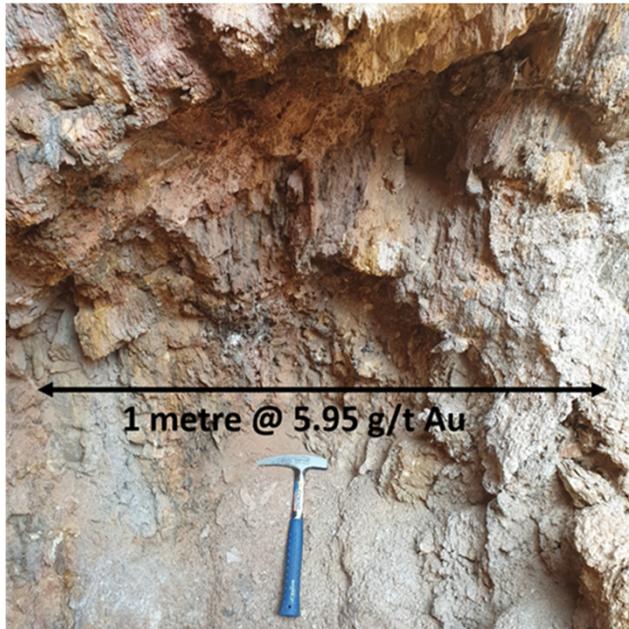
Neta Prospect - Historical Producer



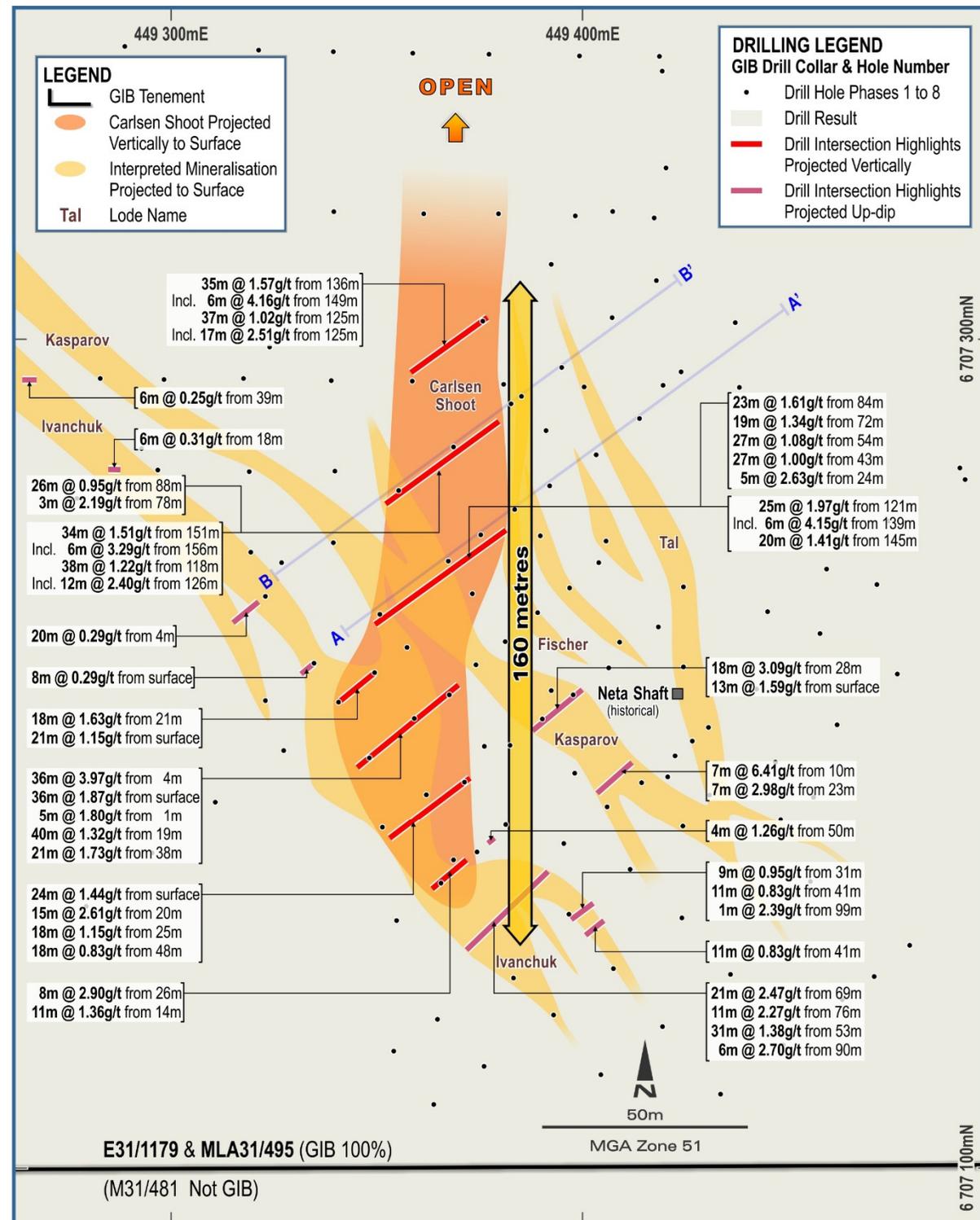
Edjudina Gold Project Neta Discovery



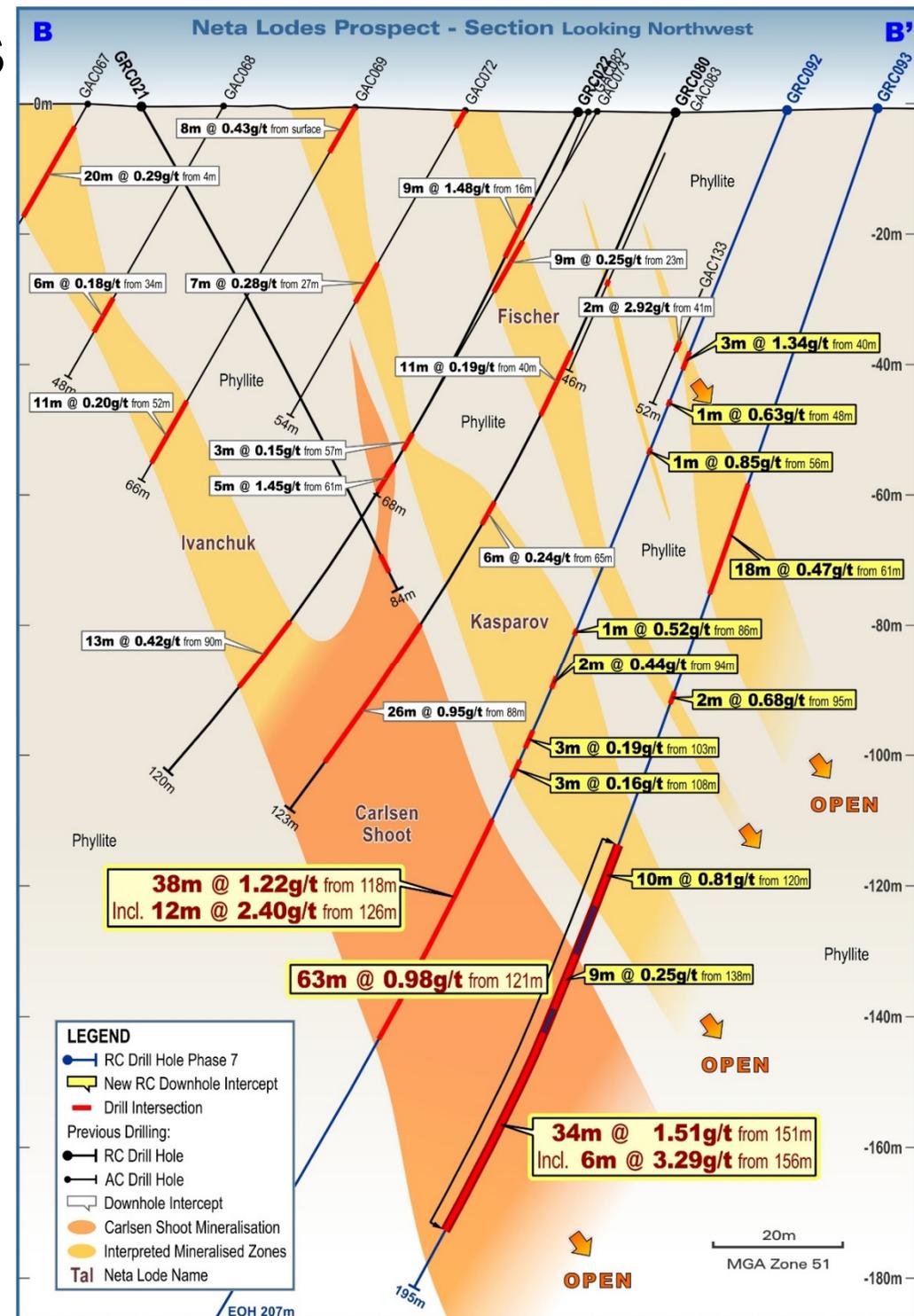
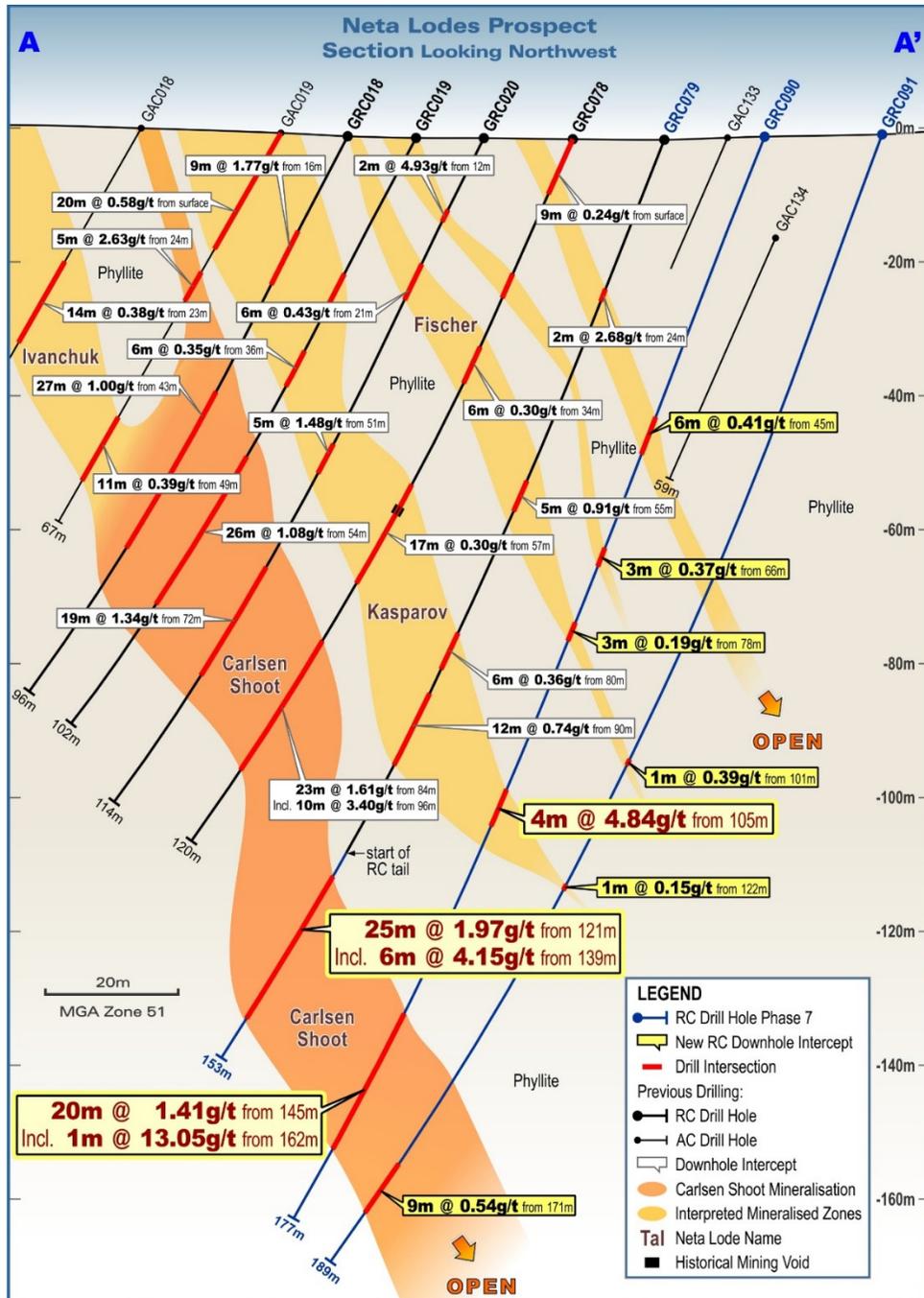
Drilling at Neta Discovery



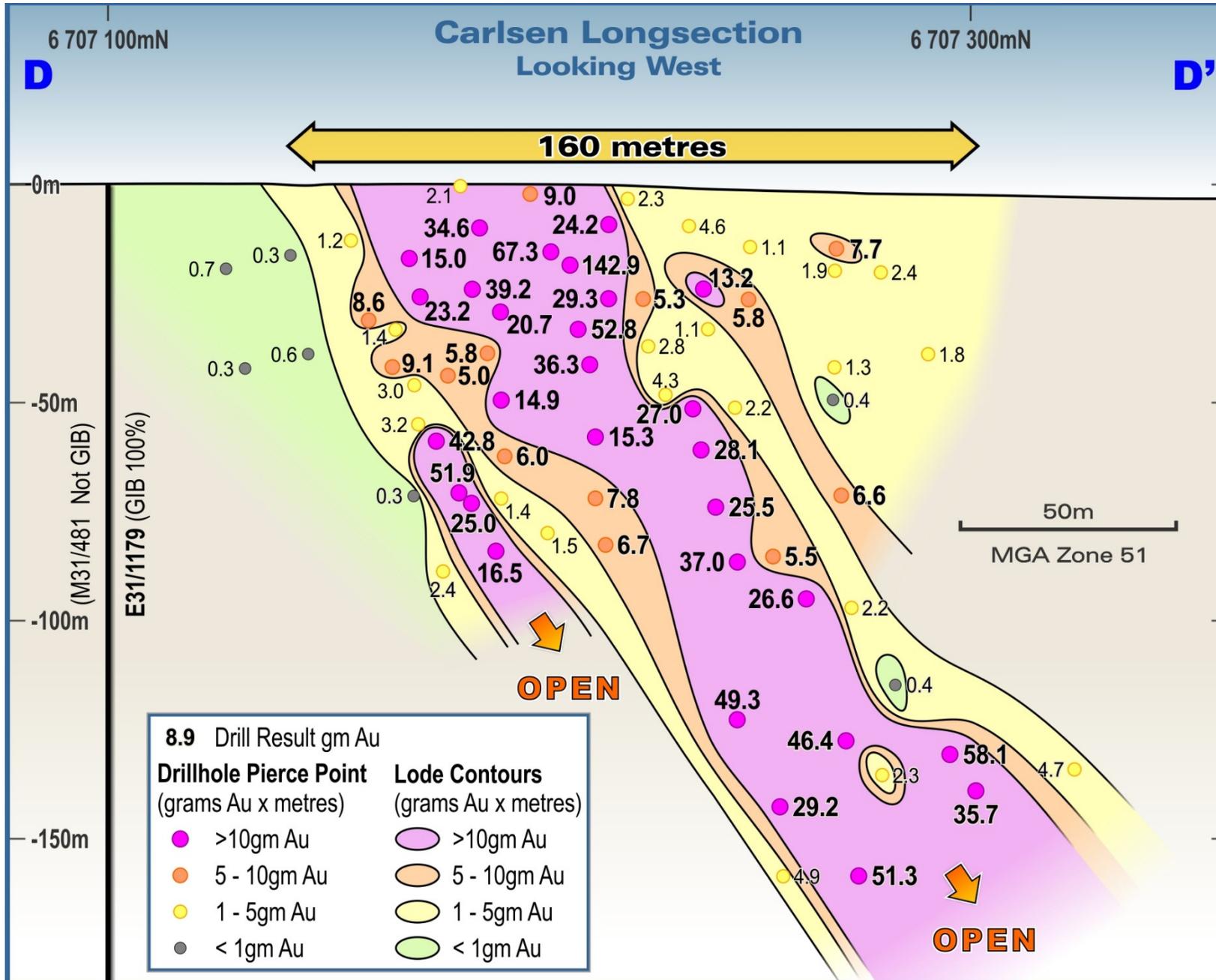
Carlsen Lode:
outcrop
in
artisanal
workings
1m @
5.95 g/t



Neta Prospect Cross Sections



Neta Prospect: Carlsen Lode Long Section



Edjudina Gold Project – Historic Workings

13 km strike of historic workings prospective for further discoveries

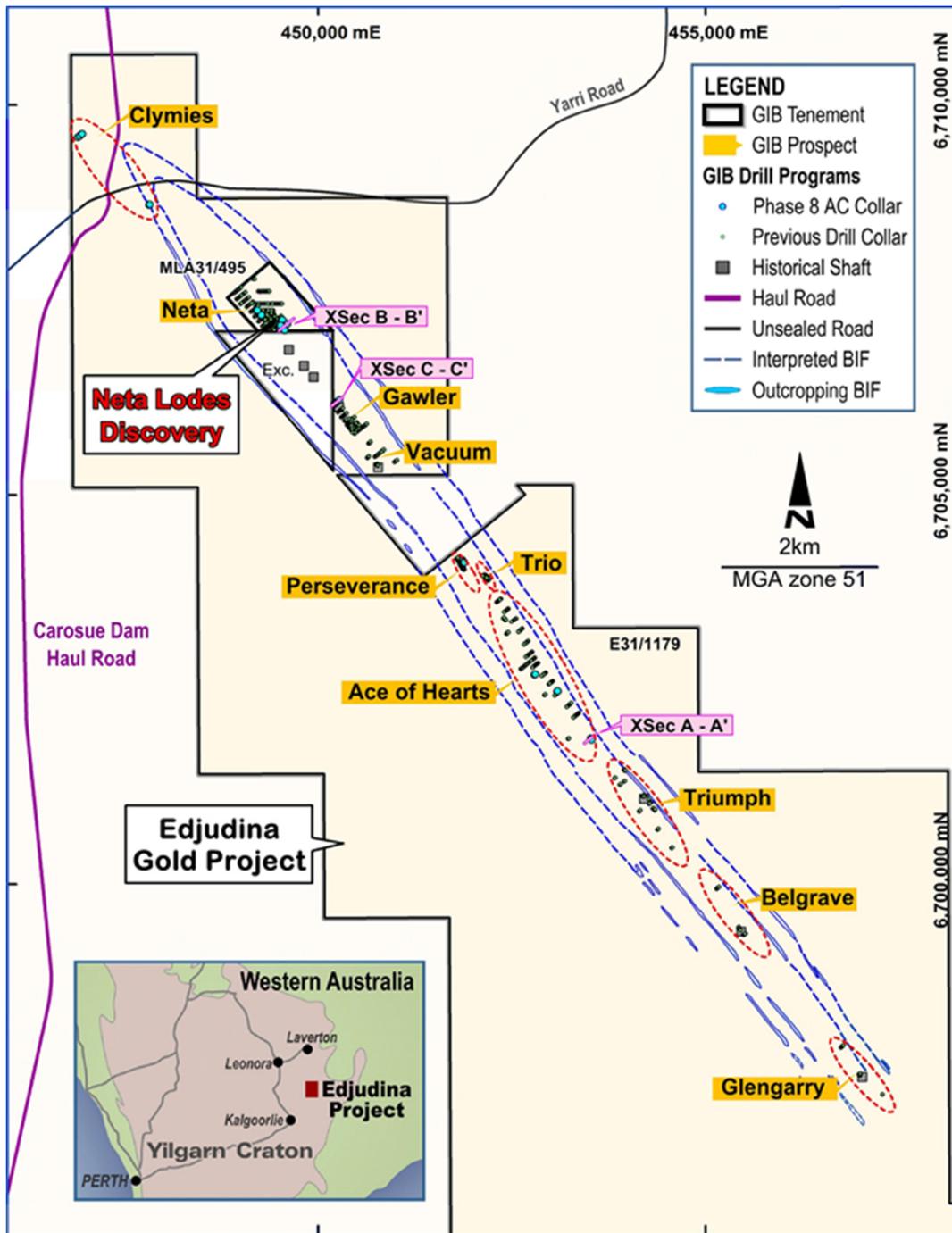


Edjudina Gold Project:
some of the historic
gold workings which
extend for over 13km
of strike

Sample ER006, taken
by GIB; sheared
sericite-hematite-
limonite-quartz vein;
12.7 g/t Au



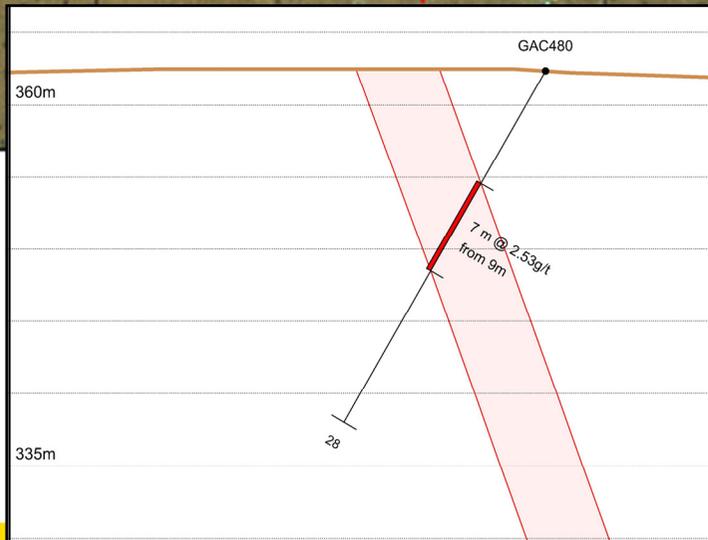
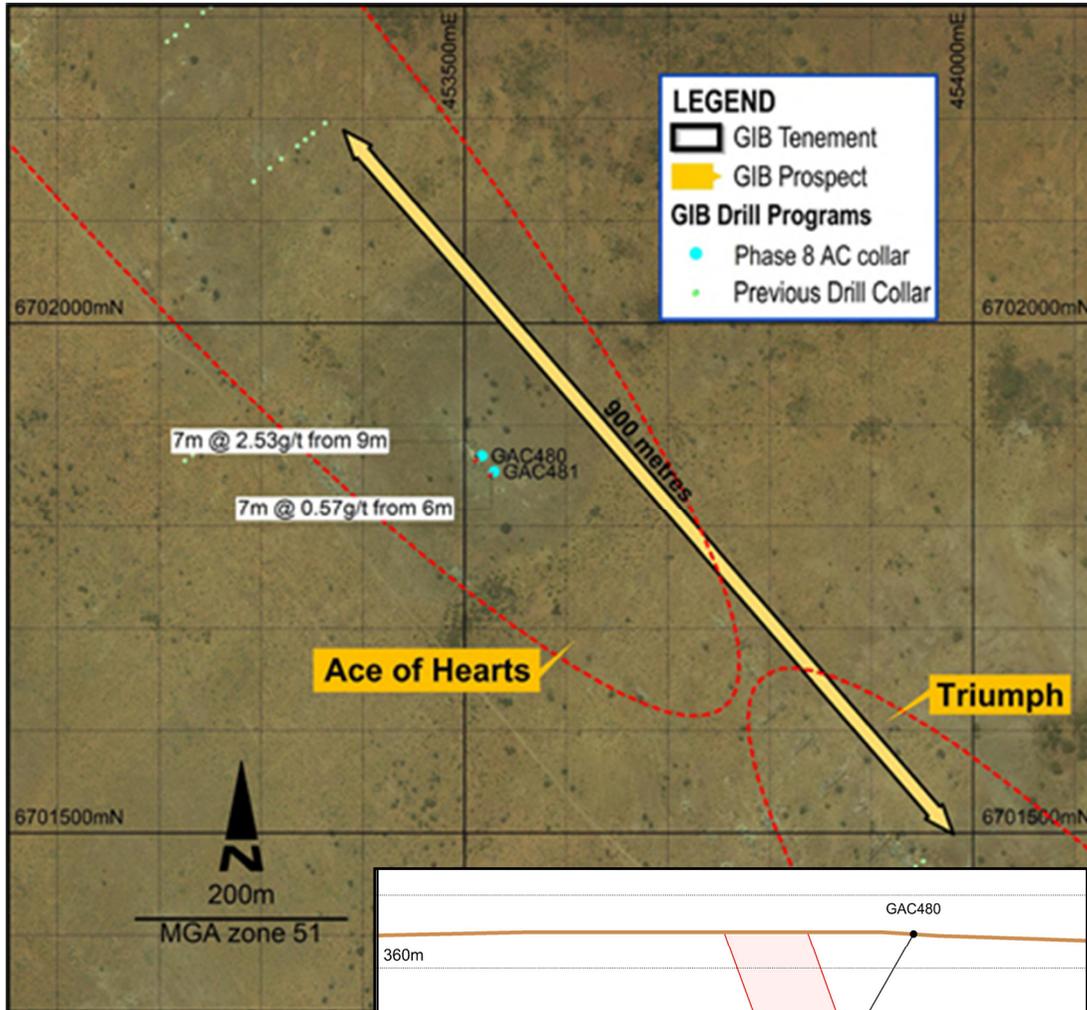
Edjudina Gold Project –Targets 1



Drill Targets Include:

- Multiple parallel lines of nearly continuous historic gold workings over 12km
- Follow-up of numerous GIB reconnaissance drilling hits including:
 - i. Ace of Hearts: 7m @ 2.53g/t from 9m. Open strike for 900 metres
 - ii. Gawler: 700m of substantial workings. 4m @ 2.44g/t from 38m
 - iii. Perseverance: 3m @ 2.96g/t from 14m
- Areas of alluvium/colluvium on-strike from old workings
- Bulk tonnage and high grade veins
- En-echelon vein systems

Edjudina –Drill Targets 2

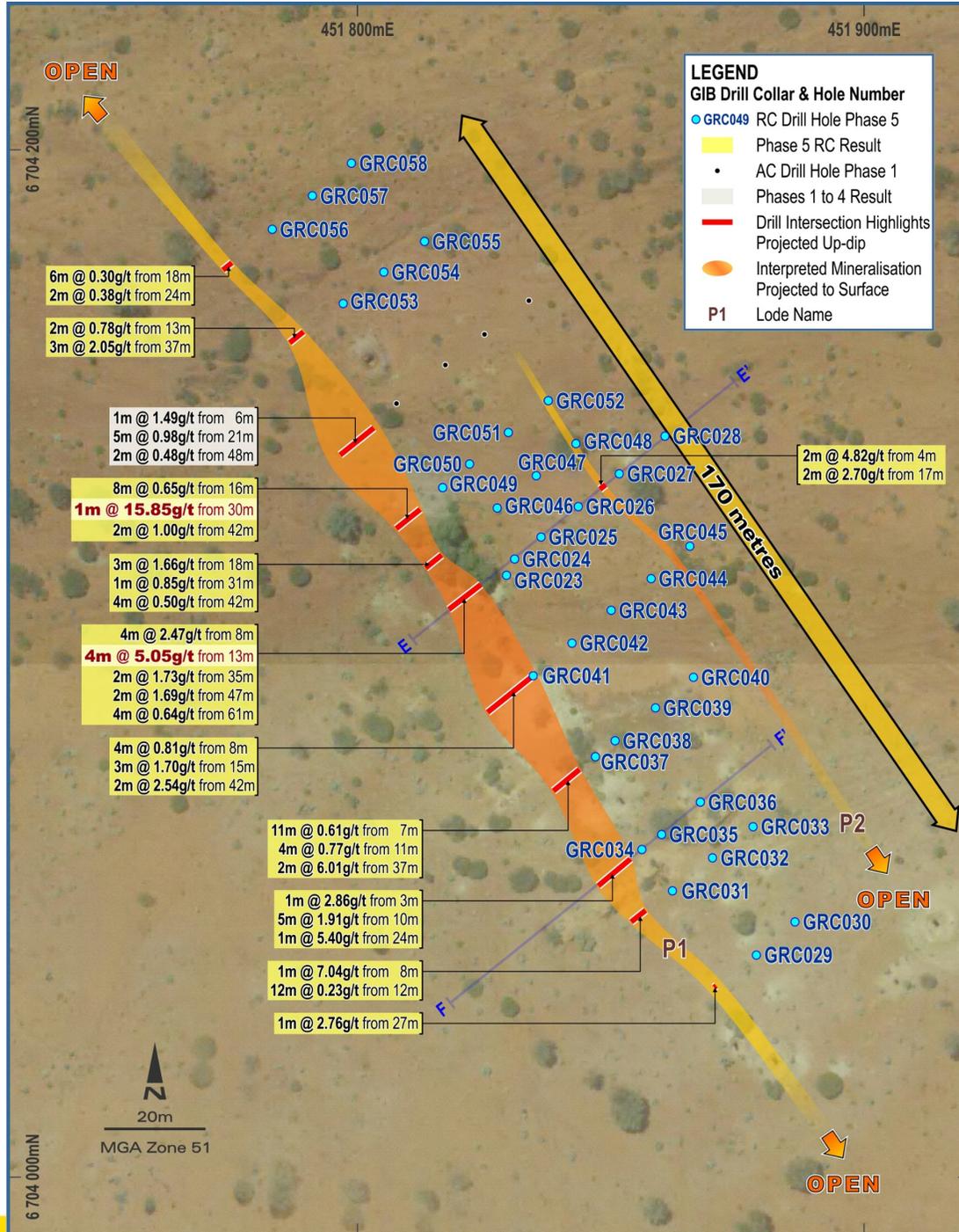


Ace of Hearts Target:
7m @ 2.53g/t from 9m. Open
along strike for 900 metres

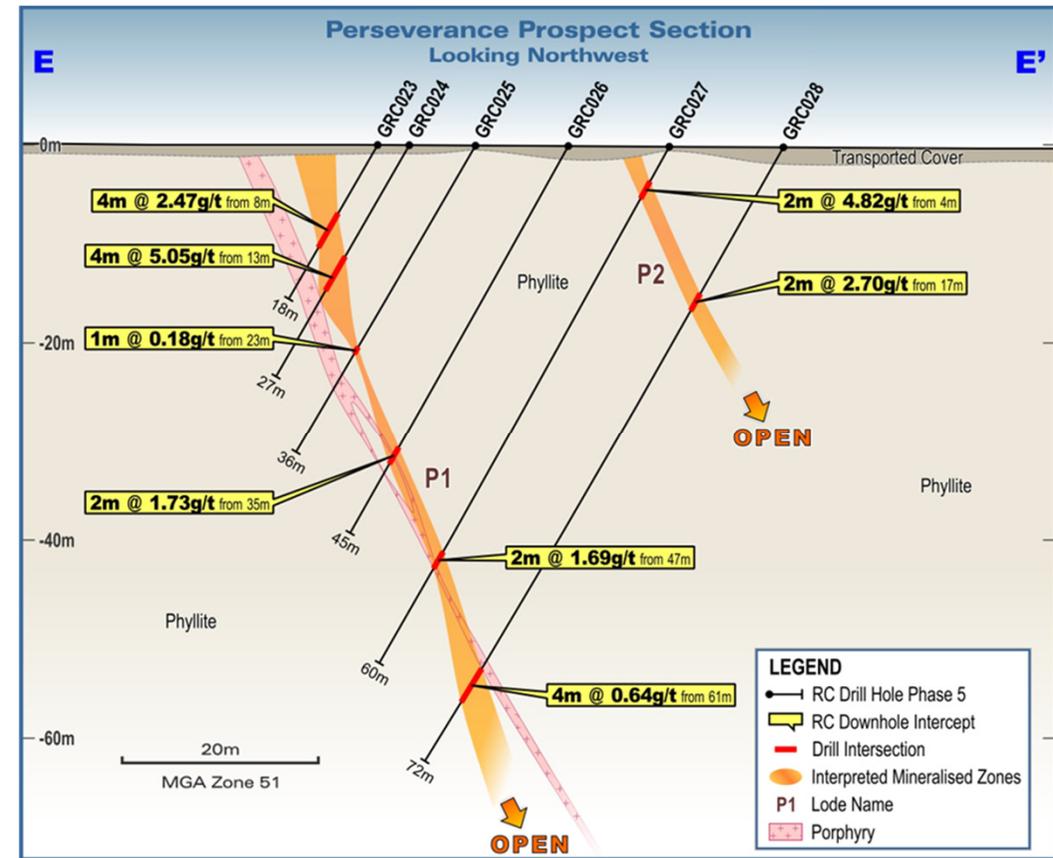


Gawler Prospect Main Shaft

Edjudina Gold Project –Drill Targets 3



Perseverance Prospect Targets For Follow-up Drilling



Edjudina Gold Project – Lookahead



Edjudina Gold Project: some of the historic gold workings which extend for over 13km of strike

Future Work

- Report JORC Resource – currently being compiled
- Progress mining lease application to grant
- Assess old leach dumps
- Numerous exploration targets for follow-up drilling
- Assess related corporate opportunities

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The information in this presentation that relates to Exploration Results, Exploration Targets, Mineral Resources or Ore Reserves is based on information compiled by Mr Jim Richards who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Richards is a Director of Gibb River Diamonds Limited. Mr Richards has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves. Mr Richards has consented to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

The Company is not aware of any new information or data that materially affects the information included in the previous announcement (JORC 2012) have not materially changed.

The Information in this report that relates to Highland Plains Mineral Resources is based on information compiled by Mr Jim Richards who is a member of the Australasian Institute of Mining and Metallurgy. Mr Richards is an employee of GIB and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a competent Person as defined in the December 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Richards consents to the inclusion in this report of the Information, in the form and context in which it appears.

The Company is not aware of any new information or data that materially affects the information included in the previous announcement (JORC 2004) and that all of the previous assumptions and technical parameters underpinning the estimates in the previous announcement/year have not materially changed.



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For further information Contact:

Jim Richards

Executive Chairman

T +61 8 9422 9500

E info@gibbriverdiamonds.com

1/16 Ord Street, West Perth, WA 6005

gibbriverdiamonds.com



ASX Code: GIB

