

## Exploration Update

- Drilling to commence at the Gordons gold project to follow-up shallow high grades including 8m @ 7.33g/t Au and 3m @ 18.30g/t Au<sup>1</sup>
- New acquisition 1km along strike from Gordon-Sirdar gold mine
- Air-core and RC drilling programs at the Yandal Belt gold projects complete – final results to be released in March<sup>3, 4</sup>

**Yandal Resources Ltd (ASX: YRL, “Yandal Resources” or the “Company”)** is pleased to provide an update on recent exploration activity at the Company’s gold projects in the North Eastern Goldfields of Western Australia.

### Gordons Gold Project

The Gordons Dam prospect is located 36km north east of Kalgoorlie-Boulder and 22km north along strike from the Kanowna Belle mining centre (Figures 1 & 2). To date significant oxide gold has been discovered within clays and palaeochannel sediments with associated primary mineralisation within mafic and porphyry rock types.

Reverse circulation (“RC”) drilling in December 2018<sup>1</sup> returned highly encouraging results and demonstrated palaeochannel hosted gold mineralisation was more extensive than initially interpreted. Importantly the drilling also returned significant primary mineralisation from within hematite altered porphyry and sheared mafic rocks at depth.

A total of 24 Air-core (“AC”) holes for ~1,440m will test for extensions to shallow gold mineralisation identified in recent and historic drilling<sup>1, 2</sup>. The program is expected to be completed by 16 March with initial results anticipated in April 2019.

The aim of the new AC program is to further define the extent of significantly mineralised palaeochannel sediments and to drill deep enough to identify the primary rock types. The holes will be drilled vertically to a depth of approximately 60m on a nominal 50m by 100m grid (Figure 1).

Upon receipt of these results it is anticipated further AC and RC drilling targets will be generated and the Company can commence activities to assess compilation of an initial JORC Compliant Resource Estimate.

<sup>1</sup> Refer to Yandal Resources Ltd announcement dated 9 January 2019, <sup>2</sup> Refer to Yandal Resources Ltd Replacement Prospectus dated 22 November 2018 lodged on the ASX 12 December 2018, <sup>3</sup> Refer to Yandal Resources Ltd announcement dated 4 February 2019, <sup>4</sup> Refer to Yandal Resources Ltd announcement dated 18 February 2019



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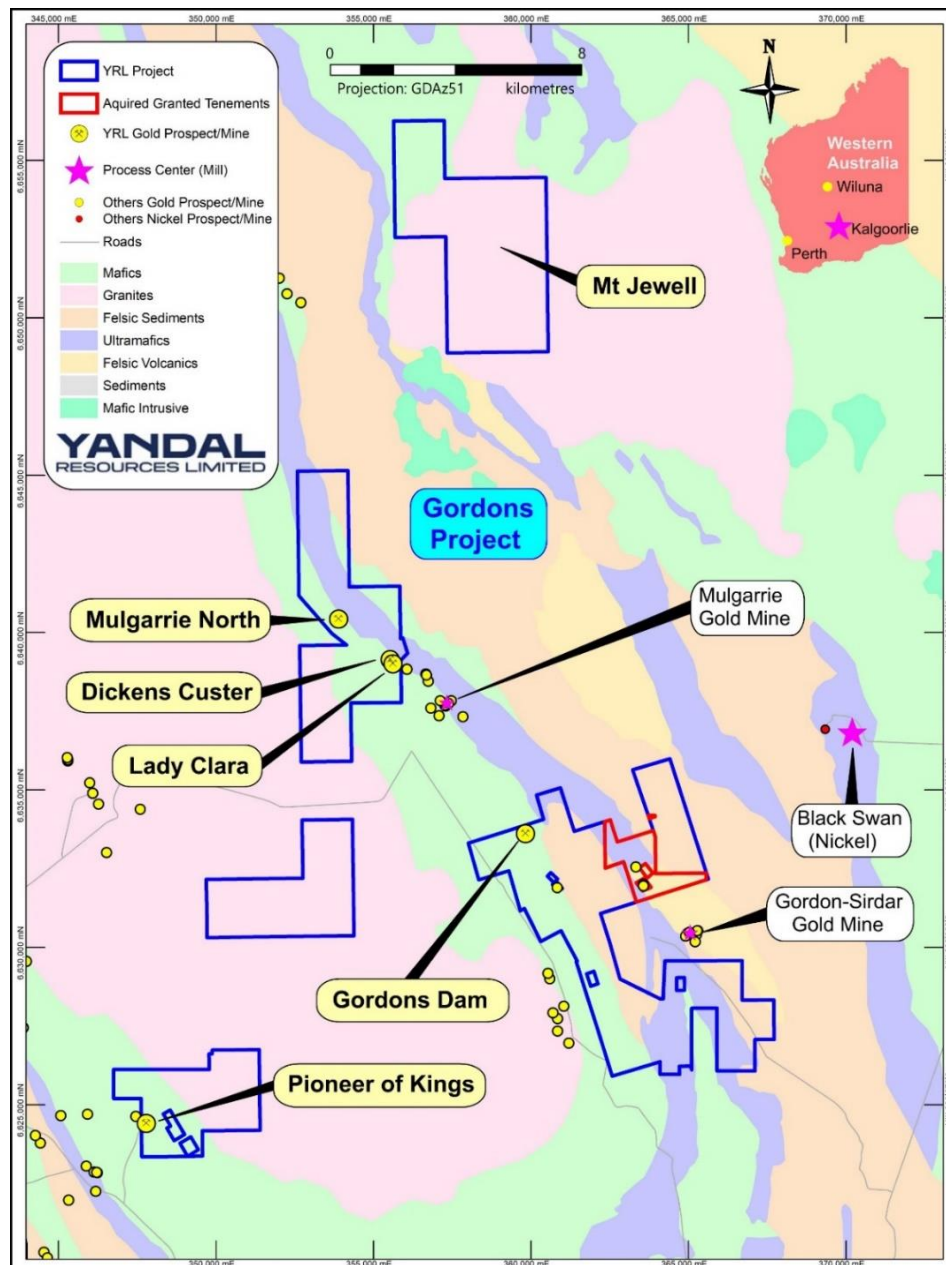
#### Board Members

Lorry Hughes	Managing Director/CEO
Katina Law	Chair
Kelly Ross	Non-Executive Director
Bianca Taveira	Company Secretary

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#### Gold Projects

Ironstone Well (100% owned)	
Barwidgee (100% owned)	
Mt McClure (100% owned)	
Gordons (100% owned)	
Shares on Issue	53,478,348
Share Price	\$0.23
Market Cap	\$12M
ASX Code	YRL



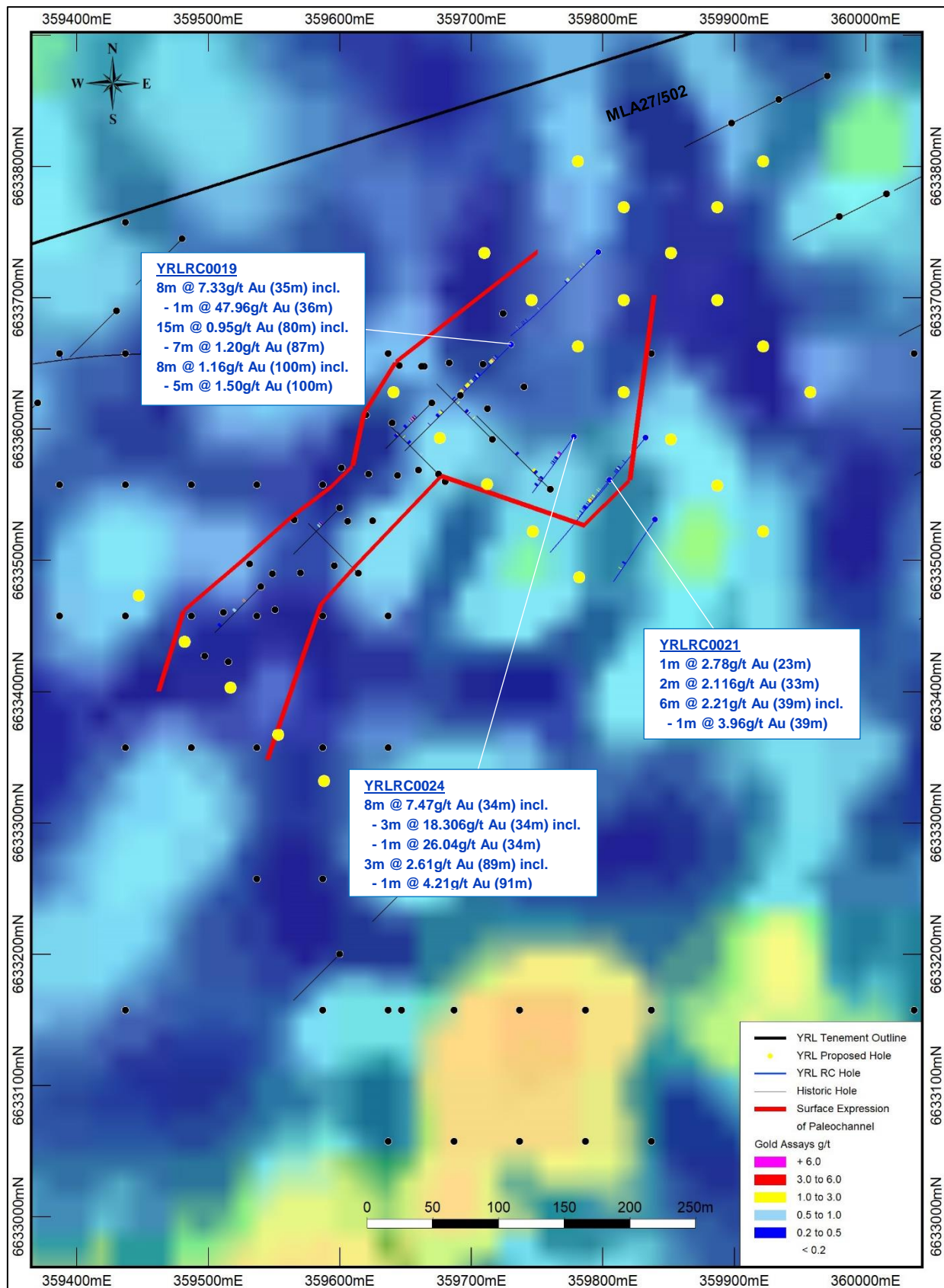
**Figure 1** – Location of the Gordons gold project, key prospects and new acquisition tenements.

Contiguous with the Gordons gold project, exploration tenements E27/601 and P27/2331 (Figure 3) were recently purchased from local prospectors on a 100% basis. The tenements comprise 320 hectares over prospective geology and are situated only 1km north along strike from the operating Gordon-Sirdar underground gold mine owned by FMR Investments Pty Ltd.

A number of small early 1900's historic gold mines occur on the tenements including the General Wolseley, Star of Gordon, Mt Upton and Mt Eba workings. Compilation of data from historic drilling and prospecting activities is underway.

The consideration for the acquisition was the issue of 120,000 Yandal Resources' Fully Paid Ordinary shares which are escrowed for 6 months from the issue date<sup>1</sup>.

<sup>1</sup> Refer to Yandal Resources Ltd announcement dated 20 February 2019

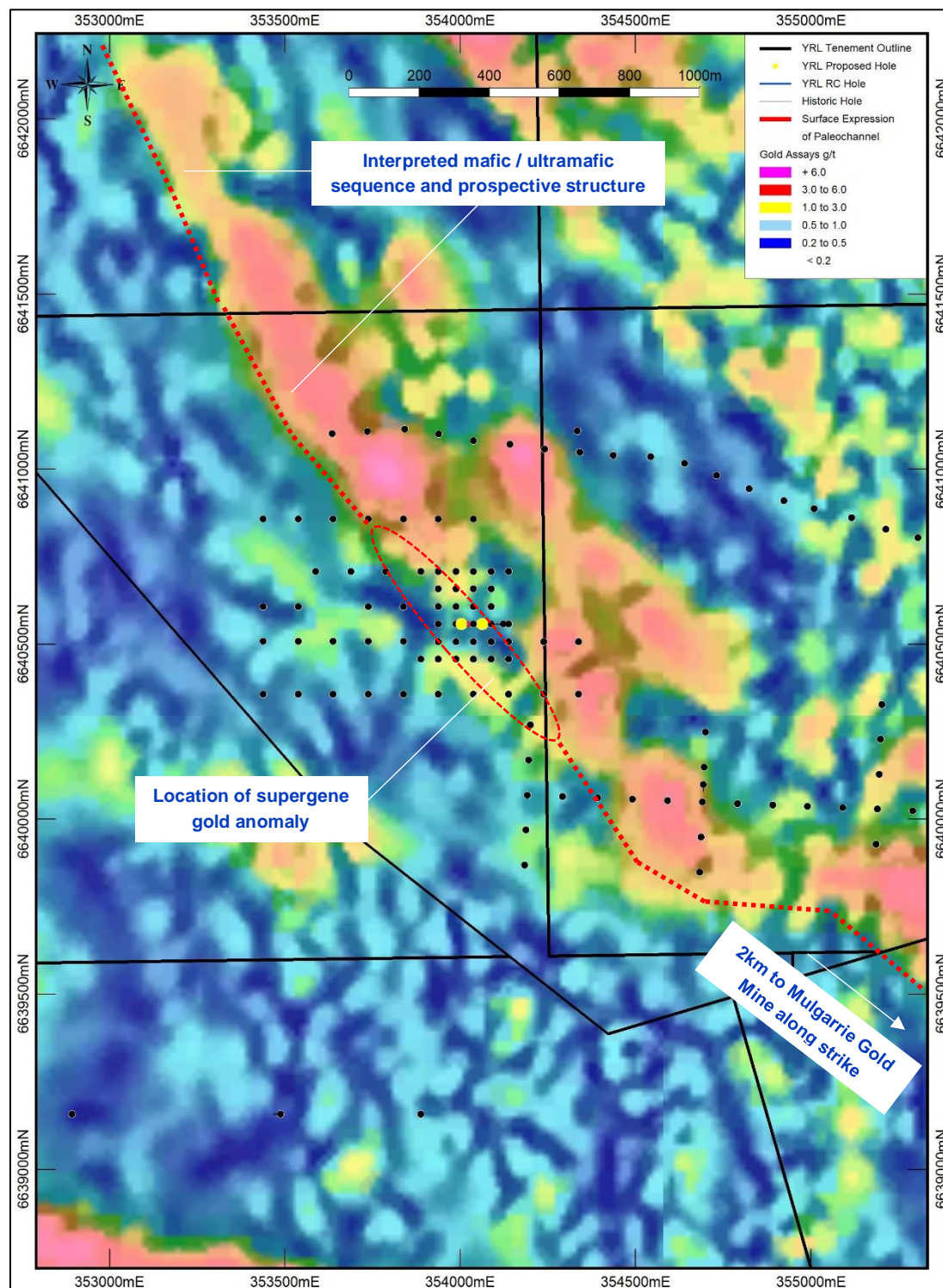


**Figure 2 – Plan view of the Gordons Dam gold prospect with historic, recent and proposed drill collars over a reprocessed total magnetic intensity image (first vertical derivative), with some recent significant downhole intercepts<sup>1</sup>.**

<sup>1</sup> Refer to Yandal Resources Ltd announcement dated 9 January 2019



The Mulgarrie North prospect is located 9km north west from Gordons Dam and 3km north west along strike from the Mulgarrie open pit gold mine which is owned by Norton Goldfields Ltd (Figure 1 & 3). The prospect is situated over part of a 7km long contact zone between north west trending mafic and ultramafic rocks within Yandal Resources' tenements. A significant supergene gold anomaly was defined by limited rotary air blast ("RAB") drilling by North Limited in 1994-5<sup>1</sup>.



**Figure 3** – Plan view of the Mulgarrie North gold prospect with historic and proposed drill collars over a reprocessed total magnetic intensity image (first vertical derivative).

<sup>1</sup> Refer to Yandal Resources Ltd Replacement Prospectus dated 22 November 2018 lodged on the ASX 12 December 2018

The supergene gold anomaly extends for over 800m of strike and is up to 300m wide in parts along the contact zone<sup>1</sup>. This anomaly trends north west and occurs in an area of structural complexity and demagnetisation indicated by the strongly disrupted magnetic unit (interpreted to be the ultramafic unit).

Only one part of the anomaly was tested at depth with a single diamond drill hole (SDD1) and it returned a narrow but encouraging intercept of 1m at 2.20g/t gold from 117m downhole (*refer WAMEX Report A.47695*)<sup>1</sup>. The mineralisation was hosted in a 10cm thick quartz vein within high magnesium meta-basalts with abundant carbonate and quartz-carbonate veinlets.

Overall there has been minimal historical exploration along the mineralised structure which is interpreted to be part of a larger-scale structure or contact and it broadly correlates with the location of several significant gold prospects. It extends from the Gordon-Sirdar deposit in the south to the Hughes and Tregurtha deposits up to 10km north of the Mulgarrie North prospect. Given the variable weathering and transported cover additional reconnaissance stage exploration activities are warranted.

An initial two AC hole program for 170m will aim to confirm the supergene anomaly in the vicinity of the historic diamond hole. Geological mapping, rock chip and orientation soil sampling programs will also be conducted to define new targets along strike for drill testing in the near term.

### **Yandal Gold Projects**

Further to ASX announcements dated 4 and 18 February 2019<sup>2</sup>, both AC and RC drilling programs at the Ironstone Well, Barwidgee and Mt McClure projects are complete and all individual 1m sampling for Fire Assay analyses is complete. Individual 1m sampling was conducted at all prospects tested and the sampled depth downhole was based on preliminary 4m composite assay results using the Aqua Regia analyses method for gold only.

A total of 208 samples were submitted from the AC program and 700 samples were submitted from the RC program. In additional 229 individual 1m samples were resampled from available historic AC and RC residues in order to conduct new QA/QC analyses as part of database verification activities for Resource Estimation.

It is anticipated that all pending assay results will be received and released in the coming weeks inclusive of details about follow up exploration activities.

### **For and on behalf of the Board**



**Lorry Hughes**  
**Managing Director & CEO**

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<sup>1</sup> Refer to Yandal Resources Ltd Replacement Prospectus dated 22 November 2018 lodged on the ASX 12 December 2018, <sup>2</sup> Refer to Yandal Resources Ltd announcements dated 4 & 18 February 2019

## **About Yandal Resources Limited**

Yandal Resources listed on the ASX in December 2018 and has a portfolio of advanced gold exploration projects in the highly prospective Yandal and Norseman-Wiluna Greenstone Belts of Western Australia.

Yandal Resources' Board has a track record of successful discovery, mine development and production.

## **Competent Person Statement**

The information in this document that relates to Exploration Results is based on information compiled by Mr Trevor Saul, a Competent Person who is a Member of The Australian Institute of Mining and Metallurgy (AusIMM). Mr Saul is the Exploration Manager of Yandal Resources. He is a full-time employee of Yandal Resources and holds shares and options in the Company.

Mr Saul has sufficient experience which is relevant to the style of 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'. Mr Saul consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data other than the content of this report that materially affects the information in the Replacement Prospectus, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the Replacement Prospectus.

## **Specific References**

A comprehensive list of all references to historic exploration reports for all Company projects is included in the Yandal Resources Limited Replacement Prospectus dated 22<sup>nd</sup> November 2018. A list pertaining to projects discussed in this report is included below.

- JORC, 2012, Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code) [online]. Available from: <http://www.jorc.org> (The Joint Ore Reserves Committee of The Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists and Minerals Council of Australia);
- Yandal Resources Limited Replacement Prospectus dated 22 November 2018 and lodged on the ASX 12 December 2018;
- McDonald I.R., Sampson Dam Project, Annual Report on Exploration Activity for period 2 December 1994 to 1 December 1995, E27/82, North Ltd, (WAMEX Report A.47695), 1996.