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Registrar

Important Information

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Affidavit of Jordin Alexander Barclay

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

Respondents

Affidavit of: **Jordin Alexander Barclay**

Address: c/ Fortescue Metals Group, Level 2, 87 Adelaide Terrace, East Perth WA
6004

Occupation: Hydrogeologist

Date: 22 February 2024

Filed on behalf of (name & role of party) _____
Prepared by (name of person/lawyer) _____
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PERTH, Western Australia, 6000

Two handwritten signatures in blue ink. The signature on the left appears to be "Jordin Alexander Barclay" and the signature on the right appears to be "Mark van Brakel".

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I, Jordin Alexander Barclay, c/- Fortescue Metals Group, Level 2, 87 Adelaide Terrace, East Perth WA 6004, hydrogeologist, make oath and say as follows:

1. I am currently employed by FMG Personnel Services Pty Ltd, a subsidiary of Fortescue Metals Group Ltd (FMGL), as Senior Manager – Water Planning. I have been in this role since January 2023. Prior to being employed in this role, I have been employed by FMG Personnel Services Pty Ltd in various roles since December 2011.



2. I am authorised to make this affidavit on behalf of the 2nd to 6th respondents (**FMG Respondents**). In this statement, I refer to FMGL, the FMG Respondents, and other entities related to them collectively as “**FMG**”.
3. Unless otherwise stated, the facts contained in this affidavit are within my own knowledge and are true.

BACKGROUND

My Qualifications and role within FMG

4. I have the following qualifications:
 - (a) a Bachelor of Science (major in Geology/Earth Science) awarded by the University of Victoria; and
 - (b) a Master of Science (majoring in Hydrogeology) awarded by the University of British Columbia.
5. Between December 2011 and April 2013, I was employed by FMG as a Hydrogeology Superintendent. In April 2013, I was promoted to the role of Specialist Hydrogeologist at FMG. In August 2017, I was promoted to the role of Principal Hydrogeologist at FMG. In these roles, I worked for FMG in relation to both the Solomon Hub Mine and other mines operated by FMG. In relation to the Solomon mine, my duties involved supervision of a team of hydrogeologists and engineers with the primary function of providing water planning support for the Solomon operations. I have acted in that role for Solomon and other FMG mining operations since April 2018. My role has been Perth based, however, I have made several trips to Solomon for the purpose of stakeholder interactions.
6. In July 2019, I was promoted to the role of Manager – Water Planning at FMG. In January 2023, I was promoted to my current role as Senior Manager – Water Planning. My current role involves managing a team of hydrogeologists, water engineers and hydrologists to provide water planning support for FMG’s metals portfolio.



Purpose of this statement

7. I have been provided with, and have read, the Applicant's Expert Hydrologist's Report dated 19 December 2023 and prepared by Dr Huade Guan (the **Guan Report**). I have been informed, and believe, that FMG has engaged an expert hydrogeologist to write a responsive report to the Guan Report.
8. To assist FMG's expert hydrogeologist in the preparation of his responsive report, I caused documents to be prepared which compiled data that (1) FMG had already collected during its mining operations for various purposes, including complying with its reporting obligations, or (2) was available from publicly-available sources, as outlined below.
9. In this statement, where I state that I caused a document to be prepared (or similar), I provided instructions to a member of my team who then prepared the document, and I then reviewed that document before it was finalised.

PREPARATION OF HYDROGEOLOGICAL DATA

Rainfall Monitoring Data

10. On 15 January 2024, I caused to be prepared a spreadsheet entitled "*Rainfall Data and Analysis_VI*" (the **Rainfall Spreadsheet**). A copy of the Rainfall Spreadsheet is attached and marked "**JAB-1**".
11. The Rainfall Spreadsheet has compiled data available to FMG from internal and public sources which record rainfall levels within and surrounding the area of the Solomon Hub Mine, and from further afield in the Pilbara Region. The Rainfall Spreadsheet is broken up into several worksheets, which I further explain below. Specifically:
 - (a) The worksheet titled "Raw Data_Flat" records the data available to FMG from 11 rainfall gauges located within and in the vicinity of the Solomon Hub Mine (together, the **Solomon Area Stations**). 10 of the Solomon Area Stations are operated by FMG, whereas one (Solomon Airport AWS) is an automated weather station which delivers data to the Bureau of Meteorology ("BOM") and that data is publicly available from the BOM website. The data from the FMG-owned rainfall gauges is recorded on at least a daily frequency. Some of the



instruments transmit data via telemetry on at least a daily basis whilst other are manually downloaded on an ad-hoc basis. Once collected or transmitted, data is stored on FMG's systems.

- (b) The worksheets titled "Yalleen", "Mt Newman Aero", "Hamersley", "Mt Florance", "Wittenoom" and "Coolawanya" each record publicly available data accessible at the BOM website. Each worksheet records the data available from the station identified in the worksheet title. The Hamersley, Mt Florance, Wittenoom and Coolawanya stations were chosen because they are the closest stations to the Solomon Hub area, whilst the Yalleen and Mt Newman Aero stations were included because they are relied upon in the Guan Report.
- (c) The worksheet titled "CDFM Analysis_Solomon Area" contains a Cumulative Deviation from Mean ("CDFM") table and graph prepared by FMG, which compares the year-by-year data from the Solomon Area Stations against the mean rainfall recorded at each of the BOM automated stations identified in the other worksheets.
- (d) The worksheet titled "CDFM Analysis_Regional Comparison" contains a CDFM table and graph comparing the annual rainfall from each of the BOM weather stations, and a compiled Solomon Area rainfall dataset (as explained below at paragraph 12(a)) against the long-term and short term (i.e. between 2011-2023) mean recorded at the relevant station. In some cases, available data did not extend to 2023.
12. To prepare the worksheet titled "Raw Data_Flat", I caused a member of my team to adopt the following process:
- (a) First, the team member downloaded monthly aggregated (total monthly rainfall in mm) data from each of the Solomon Area Stations identified in the spreadsheet from FMG's systems and extracted that data into the spreadsheet in columns A – C. The data from each rainfall gauge for each month was transposed, via pivot table, into columns I to S of the worksheet. Where a rainfall gauge was not online for a month (and so no data was available for that month), the cell in the worksheet for the relevant month was deliberately left as blank (as



distinct from a “0” entry, which means that there was no rainfall during that month).

- (b) Next, that team member calculated the average rainfall for each month, determined by the results drawn from those gauges that were online during the relevant month, and inserted that data into column T of the worksheet.
 - (c) Next, that team member calculated the average annual rainfall as the product of the average monthly rainfall for all available months in column T and the 12 months of the year. This value was entered into cell T164.
 - (d) Next, that team member summated, using a pivot table, the monthly data into annual totals, displayed the table in the columns X – Y of this worksheet. The numbers for the years 2010 and 2024 are much lower than the other averages because data is only available for a portion of each of those years. The years 2010 and 2024 were therefore omitted from further analysis.
 - (e) Next, that team member cross-checked the average rainfall for each month against the data recorded by the Mt Florance BOM automated station for the relevant month. The result of that cross-checking is set out in column V of the worksheet. The Mt Florance station was chosen because it is relatively close to the Solomon Hub Mine geographically, and has been consistently active during the period 2011 to 2023 (as compared to, for example, the Hamersley station, which is closer but was only active until 2015). The total deviation between monthly average rainfall recorded at the Solomon Area Stations and at the Mt Florance station during the period was recorded at cell V165.
13. To prepare the worksheets titled “Yalleen”, “Mt Newman Aero”, “Hamersley”, “Mt Florance”, “Wittenoom” and “Coolawanya”, I caused a member of my team to take the following steps. On 15 January 2024 the team member accessed and downloaded a full set of data (as daily rainfall totals in mm) recorded by BOM in relation to the relevant station from the website identified in cell A1 of each worksheet. The total rainfall recorded between 2011 and 2023 (or, where the data was limited during that period, all years within that period for which data was available) was summated, using a pivot table, and inserted into the table inset in each spreadsheet. The mean annual rainfall



statistic for all years of available data for each station was also extracted from the same BOM website referenced in cell A1 of each worksheet and entered above the table.

14. To prepare the worksheet titled CDFM Analysis_Solomon Area, I caused a member of my team to conduct the following process.
 - (a) First, the team member adopted a figure as the long term mean for each of the BOM automated stations, based on cell L4 in each of the other worksheets in paragraph 13. A mean for Solomon Area Stations was adopted from cell T164 of the Raw Data_Flat worksheet. The annual mean figures are outlined at cells B2 to B8 of the worksheet.
 - (b) Second, the annual rainfall data for the Solomon Area Stations, as calculated in the table referred to at paragraph 12(d) above, was reproduced at cells C12 to C26 of the worksheet.
 - (c) Third, the team member compared that annual rainfall data against the annual mean for each of the BOM automated stations and from the Solomon Area Stations, in order to perform a CDFM analysis against each of the annual mean figures. The team member then used Excel's chart function to prepare a CDFM graph showing that analysis.
15. To prepare the worksheet titled CDFM Analysis_Regional Comparis, a similar process was adopted. Specifically:
 - (a) First, the team member adopted the same figure as identified at paragraph 14(a) as the long-term annual mean for each of the BOM stations and the compiled Solomon Area data, which is expressed in Row 1 of the spreadsheet.
 - (b) Second, the team member calculated a short-term annual mean for each of the BOM stations by calculating the mean rainfall data between 2011 and 2023, which is expressed in Row 2 of the spreadsheet. For the compiled Solomon Area data, allowance was made to investigate CDFM compared to shorter term means from the data. As submitted, the shorter term mean was for annual total rainfall between 2018 and 2023 (inclusive).

Two handwritten signatures in blue ink are present at the bottom right of the page. The signature on the left appears to be "J. M. J." and the signature on the right appears to be "John".

- (c) Third, the team member reproduced the annual rainfall data for each of the BOM stations and the compiled Solomon Area data between 2011 and 2023, as set out in the tables referred to at paragraph 12 and 13 above, in the table in that worksheet.
 - (d) Fourth, the team member compared the annual rainfall data for each BOM station and the compiled Solomon Area data against the short-term (i.e. since 2011) and long-term annual mean for that station, in order to perform a CDFM analysis against that station's short-term and long-term annual mean figures. The team member then used Excel's chart function to prepare a single CDFM graph showing that analysis, with options to dynamically change which station(s) are presented at any time.
16. The chart which is located in that workbook can be manually adjusted using Excel's chart filter function, in order to display (for example) the results from selected stations only, or to display short-term or long-term data only.
17. To accompany the Rainfall Spreadsheet, on 15 January 2024 I caused to be prepared a PDF document titled "*Rainfall Map_VI*" (the **Rainfall Map**). A copy of the Rainfall Map is attached and marked "**JAB-2**". That document identifies:
- (a) with blue dots, the stations with data published to the BOM website referred to in the Rainfall Spreadsheet;
 - (b) with purple dots, automated stations with data published to the BOM website and also ingested into FMG's systems, located in the Pilbara region. Of these, the Solomon Airport AWS is referenced in the compiled Solomon Area data;
 - (c) with green dots, other rainfall monitoring stations maintained by FMG or third parties; and
 - (d) within the black box labelled "Solomon Area", the area in the vicinity of the Solomon Hub Mine from which the rainfall gauges identified in the Rainfall Spreadsheet, worksheet Raw Data_Flat, were drawn.



Groundwater Level Data

18. On 9 February 2024, I prepared a spreadsheet entitled “*Regional Groundwater Levels_rev1*” (the **Groundwater Spreadsheet**). A copy of the Groundwater Spreadsheet is attached and marked “**JAB-3**”. The Groundwater Spreadsheet was a corrected version of a previous document, prepared on 12 January 2024, which contained minor errors (in that it omitted the results from one groundwater bore, and contained errors in some of the document headings).
19. The Groundwater Spreadsheet records data available to FMG in relation to groundwater levels within and surrounding the area of the Solomon Hub Mine. That data is obtained by FMG from groundwater monitoring bores in the area surrounding the Solomon Hub Mine. Some of the bores are owned and operated by FMG, whilst others are owned by third parties. As I explain below, the Groundwater Spreadsheet was accompanied by a map showing the locations of these bores.
20. FMG obtains data from these bores by a combination of manual inspection (using commercially available water level meters) or automated data collection (using commercially available pressure transducers), with data submitted to FMG’s systems. The frequency of data collection varies from hours (for automated pressure transducers) to months or more for manual inspection.
21. As with the Rainfall Spreadsheet, the Groundwater Spreadsheet is split into worksheets. I explain the process by which the team member prepared each of the worksheets below.
22. In the worksheet titled “*Averaged Water Levels_mbrp*” in the Groundwater Spreadsheet:
 - (a) Column A records the name of the relevant groundwater monitoring bore, whereas Columns B and C record the geographic location of that bore.
 - (b) Column D records the average water level at the relevant bore, based on the mean of all daily water level readings (both manual and automated) from that bore. The measurements are recorded in metres below reference point (**mbRP**), with the “reference point” being an arbitrary point on the bore at surface, commonly the top of the bore casing.



- (c) Columns E and G record the first date on which a water level reading was taken from the relevant bore (as shown by the available data), and the daily average result of all readings on that day, measured in mbRP. Similarly, Columns F and H record the final date on which a water level reading was taken from that bore, and the daily average result of all the readings on that day.
- (d) In column I, the average daily rate of change for each bore was determined by calculating the difference between the first water level reading (Column G) and the final water level reading (Column H), and then dividing the difference between the number of days between those readings (determined by reference to Columns E and F).
23. The worksheet “*Regional GWL Hydrograph*” contains a pivot table which is designed to display groundwater levels recorded at each of the groundwater monitoring bores. The pivot table can be manually adjusted to show the data from any of the bores by selecting the relevant bore from the table overlaid onto columns L through Q.
24. I caused a member of my team to create the pivot table through the following process.
- (a) First, the team member extracted the daily average water levels recorded at groundwater monitoring bores from FMG’s records. As above, the data was recorded as daily average water levels mbRP, and is recorded in column G of the spreadsheet.
- (b) Then, that same team member calculated the difference between each daily average water level and the initial water level reading and the overall average for the bore. The results of these calculations are in columns H and I respectively.
- (c) Then, I conducted a CDFM analysis and displayed it in column J of the spreadsheet.
- (d) Then, I used the Excel Graph function to create a graph to display that information. The graph enables an analyst to select one bore at a time and display one of columns G – J.

A handwritten signature in blue ink, appearing to read "J. Murray".

25. To accompany the Groundwater Spreadsheet, on 1 February 2024 I caused to be prepared a map titled “*Regional Groundwater Level Monitoring*” (**Groundwater Map**). A copy of the Groundwater Map is attached and marked “**JAB-4**”.
26. I have confirmed with Mr Sean Costello, an employee of FMG, that he prepared the Groundwater Map based on instructions from a member of my team (which I had given to that team member). The instructions which I gave to that team member were to have a map prepared that identified the information I explain at paragraph 27 below, based on information derived from FMG’s systems.
27. The Groundwater Map identifies:
 - (a) in circles, the locations of groundwater monitoring bores identified in the Groundwater Spreadsheet. The circles are colour-coded based on the average rate of groundwater decline at the relevant bore, measured in metres per year. The average rate of decline was calculated by multiplying the average daily rate of change referred to at paragraph 22(d) above by 365.
 - (b) in triangles, the locations of flora sampling species referred to in the Guan Report as being either groundwater dependent or of potential groundwater dependence. The triangles are colour-coded to reflect the particular species identified.
 - (c) in background colours, the geological context surrounding the Solomon Hub. I am aware from my employment at FMG that the data underlying this geological context is publicly available from the Geological Survey of Western Australia, and that FMG uploads this data into its internal systems. The colours show the topmost geological unit at the relevant location. Based on my experience as a hydrogeologist and my work at FMG, I understand that the geological units are most commonly layered on top of each other, so that (for example) the paleochannels underlying the Solomon Hub Mine (coloured beige) sit on top of Brockman Iron Formation (coloured blue), which in turn may sit on top of other geological formations.

A photograph of two handwritten signatures in blue ink. The signature on the left appears to be "JAB" and the signature on the right appears to be "MMW".

Groundwater Abstraction Data

28. On 15 January 2024, I caused to be prepared a spreadsheet entitled “*Abstraction Volume Check*” (the **Abstraction Spreadsheet**). A copy of the Abstraction Spreadsheet is attached and marked “**JAB-5**”.
29. The purpose of the Abstraction Spreadsheet was to check the statement at paragraph [11] of the Guan Report that “it is estimated that about 160 GL groundwater has been extracted from 2011 to 2022, based on the data provided in FMG’s triennial review reports”.
30. The Abstraction Spreadsheet was prepared by reviewing the data contained in FMG’s Solomon Triennial Aquifer Reviews for the years 2014-2017 and 2017-2019, and FMG’s Solomon Triennial Groundwater Monitoring Review for the years 2020-2022, and identifying the volumes of water reported to be extracted pursuant to FMG’s groundwater licences during that period. The volumes of water are recorded, in kilolitres, at column D of the spreadsheet.
31. Based on the data outlined in the Abstraction Spreadsheet, FMG reported in the triennial reports that it abstracted 148.9 GL of groundwater across all of its Solomon groundwater licences between August 2011 and December 2022 inclusive. Of this amount, 28.9 GL of groundwater was abstracted from the Stockyard Supply, Southern Fortescue Supply, and Airstrip Supply, each of which is located entirely outside the areas of Solomon that are or will be dewatered and mined.
32. The Abstraction Spreadsheet does not document the amount of groundwater that FMG has reinjected into Kangeenarina Creek, Weelumurra Creek, or elsewhere pursuant to its supplementation programmes. I have not been requested to address that issue.

A handwritten signature in blue ink, appearing to read "M. Murray".

Sworn by Jordin Alexander Barclay
At East Perth
in the State of Western Australia
on 22 February 2024

)
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Signature of deponent

Before me:



Signature of witness

KARL WELKER

a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.

“JAB-1”

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

Respondents

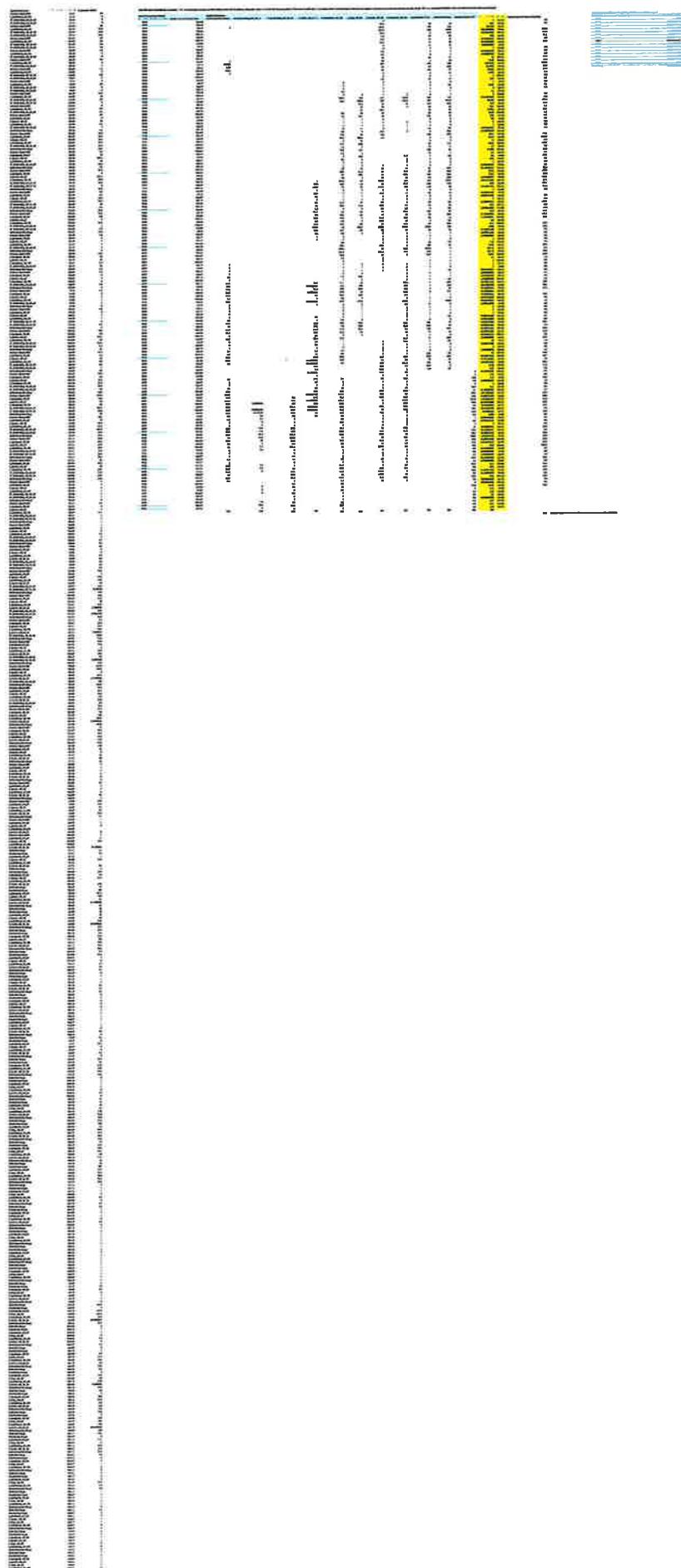
This is the annexure marked **JAB-1** referred to in the affidavit of Jordin Alexander Barclay sworn on 22 February 2024.



Signature of witness

KARL WELLER

a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.





IDCJAC0001_005029_Data (accessed from http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_ncc)								
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IDCJAC000:005029	1930	3	29			29/01/1930
IDCJAC000:005029	1930	3	30			30/01/1930
IDCJAC000:005029	1930	3	31			31/01/1930
IDCJAC000:005029	1930	4	1			1/01/1930
IDCJAC000:005029	1930	4	2			2/01/1930
IDCJAC000:005029	1930	4	3			3/01/1930
IDCJAC000:005029	1930	4	4			4/01/1930
IDCJAC000:005029	1930	4	5			5/01/1930
IDCJAC000:005029	1930	4	6			6/01/1930
IDCJAC000:005029	1930	4	7			7/01/1930
IDCJAC000:005029	1930	4	8			8/01/1930

ObsCode=139&p_display_type=dataFile&p_startYear=&p_c=&p_stn_num=005029

BOM Statistics
Mean (all years) 372.8 mm

Row Labels	Sum of Rainfall amount (millimetres)
2011	506.9
2012	387.2
2013	421.5
2014	253.2
2015	378.5
2016	476.6
2017	524.4
2018	301.6
2019	243.9
2020	291.1
2021	484.7
2022	479.5
2023	383.5
Grand Total	5132.6

IDCJAC0001_007176_Data (accessed from http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_ncc					
Product code	Bureau of Year	Month	Day	Rainfall mm Period over Quality	Date
IDCJAC0001:007176	1971	1	1		1/01/1971
IDCJAC0001:007176	1971	1	2		2/01/1971
IDCJAC0001:007176	1971	1	3		3/01/1971
IDCJAC0001:007176	1971	1	4		4/01/1971
IDCJAC0001:007176	1971	1	5		5/01/1971
IDCJAC0001:007176	1971	1	6		6/01/1971
IDCJAC0001:007176	1971	1	7		7/01/1971
IDCJAC0001:007176	1971	1	8		8/01/1971
IDCJAC0001:007176	1971	1	9		9/01/1971
IDCJAC0001:007176	1971	1	10		10/01/1971
IDCJAC0001:007176	1971	1	11		11/01/1971
IDCJAC0001:007176	1971	1	12		12/01/1971
IDCJAC0001:007176	1971	1	13		13/01/1971
IDCJAC0001:007176	1971	1	14		14/01/1971
IDCJAC0001:007176	1971	1	15		15/01/1971
IDCJAC0001:007176	1971	1	16		16/01/1971
IDCJAC0001:007176	1971	1	17		17/01/1971
IDCJAC0001:007176	1971	1	18		18/01/1971
IDCJAC0001:007176	1971	1	19		19/01/1971
IDCJAC0001:007176	1971	1	20		20/01/1971
IDCJAC0001:007176	1971	1	21		21/01/1971
IDCJAC0001:007176	1971	1	22		22/01/1971
IDCJAC0001:007176	1971	1	23		23/01/1971
IDCJAC0001:007176	1971	1	24		24/01/1971
IDCJAC0001:007176	1971	1	25		25/01/1971
IDCJAC0001:007176	1971	1	26		26/01/1971
IDCJAC0001:007176	1971	1	27		27/01/1971
IDCJAC0001:007176	1971	1	28		28/01/1971
IDCJAC0001:007176	1971	1	29		29/01/1971
IDCJAC0001:007176	1971	1	30		30/01/1971
IDCJAC0001:007176	1971	1	31		31/01/1971
IDCJAC0001:007176	1971	2	1		1/01/1971
IDCJAC0001:007176	1971	2	2		2/01/1971
IDCJAC0001:007176	1971	2	3		3/01/1971
IDCJAC0001:007176	1971	2	4		4/01/1971
IDCJAC0001:007176	1971	2	5		5/01/1971
IDCJAC0001:007176	1971	2	6		6/01/1971
IDCJAC0001:007176	1971	2	7		7/01/1971
IDCJAC0001:007176	1971	2	8		8/01/1971
IDCJAC0001:007176	1971	2	9		9/01/1971
IDCJAC0001:007176	1971	2	10		10/01/1971
IDCJAC0001:007176	1971	2	11		11/01/1971
IDCJAC0001:007176	1971	2	12		12/01/1971
IDCJAC0001:007176	1971	2	13		13/01/1971
IDCJAC0001:007176	1971	2	14		14/01/1971
IDCJAC0001:007176	1971	2	15		15/01/1971
IDCJAC0001:007176	1971	2	16		16/01/1971
IDCJAC0001:007176	1971	2	17		17/01/1971

IDCJAC000:007176	1971	2	18	18/01/1971
IDCJAC000:007176	1971	2	19	19/01/1971
IDCJAC000:007176	1971	2	20	20/01/1971
IDCJAC000:007176	1971	2	21	21/01/1971
IDCJAC000:007176	1971	2	22	22/01/1971
IDCJAC000:007176	1971	2	23	23/01/1971
IDCJAC000:007176	1971	2	24	24/01/1971
IDCJAC000:007176	1971	2	25	25/01/1971
IDCJAC000:007176	1971	2	26	26/01/1971
IDCJAC000:007176	1971	2	27	27/01/1971
IDCJAC000:007176	1971	2	28	28/01/1971
IDCJAC000:007176	1971	3	1	1/01/1971
IDCJAC000:007176	1971	3	2	2/01/1971
IDCJAC000:007176	1971	3	3	3/01/1971
IDCJAC000:007176	1971	3	4	4/01/1971
IDCJAC000:007176	1971	3	5	5/01/1971
IDCJAC000:007176	1971	3	6	6/01/1971
IDCJAC000:007176	1971	3	7	7/01/1971
IDCJAC000:007176	1971	3	8	8/01/1971
IDCJAC000:007176	1971	3	9	9/01/1971
IDCJAC000:007176	1971	3	10	10/01/1971
IDCJAC000:007176	1971	3	11	11/01/1971
IDCJAC000:007176	1971	3	12	12/01/1971
IDCJAC000:007176	1971	3	13	13/01/1971
IDCJAC000:007176	1971	3	14	14/01/1971
IDCJAC000:007176	1971	3	15	15/01/1971
IDCJAC000:007176	1971	3	16	16/01/1971
IDCJAC000:007176	1971	3	17	17/01/1971
IDCJAC000:007176	1971	3	18	18/01/1971
IDCJAC000:007176	1971	3	19	19/01/1971
IDCJAC000:007176	1971	3	20	20/01/1971
IDCJAC000:007176	1971	3	21	21/01/1971
IDCJAC000:007176	1971	3	22	22/01/1971
IDCJAC000:007176	1971	3	23	23/01/1971
IDCJAC000:007176	1971	3	24	24/01/1971
IDCJAC000:007176	1971	3	25	25/01/1971
IDCJAC000:007176	1971	3	26	26/01/1971
IDCJAC000:007176	1971	3	27	27/01/1971
IDCJAC000:007176	1971	3	28	28/01/1971
IDCJAC000:007176	1971	3	29	29/01/1971
IDCJAC000:007176	1971	3	30	30/01/1971
IDCJAC000:007176	1971	3	31	31/01/1971
IDCJAC000:007176	1971	4	1	1/01/1971
IDCJAC000:007176	1971	4	2	2/01/1971
IDCJAC000:007176	1971	4	3	3/01/1971
IDCJAC000:007176	1971	4	4	4/01/1971
IDCJAC000:007176	1971	4	5	5/01/1971
IDCJAC000:007176	1971	4	6	6/01/1971
IDCJAC000:007176	1971	4	7	7/01/1971
IDCJAC000:007176	1971	4	8	8/01/1971

ObsCode=136&p_display_type=dailyDataFile&p_startYear=&p_c=&p_stn_num=00

BOM Statistics

Mean (all years) 321.8 mm

Row Labels	Sum of Rainfall amount (millimetres)
2011	416.8
2012	453.2
2013	322.8
2014	363
2015	448.8
2016	238.8
2017	519
2018	206.4
2019	115.8
2020	359.2
2021	297
2022	296.4
2023	232.4
Grand Total	4269.6

IDCJAC0001_005005_Data (accessed from http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_ncc)							
Product code	Bureau of Meteorology	Year	Month	Day	Rainfall amount	Period over which rainfall was measured	
					Quality	Date	
IDCJAC0001_005005		1912	1	1	0	Y	1/01/1912
IDCJAC0001_005005		1912	1	2	0	Y	2/01/1912
IDCJAC0001_005005		1912	1	3	0	Y	3/01/1912
IDCJAC0001_005005		1912	1	4	0	Y	4/01/1912
IDCJAC0001_005005		1912	1	5	0	Y	5/01/1912
IDCJAC0001_005005		1912	1	6	0	Y	6/01/1912
IDCJAC0001_005005		1912	1	7	0	Y	7/01/1912
IDCJAC0001_005005		1912	1	8	0	Y	8/01/1912
IDCJAC0001_005005		1912	1	9	0	Y	9/01/1912
IDCJAC0001_005005		1912	1	10	0	Y	10/01/1912
IDCJAC0001_005005		1912	1	11	0	Y	11/01/1912
IDCJAC0001_005005		1912	1	12	0	Y	12/01/1912
IDCJAC0001_005005		1912	1	13	0	Y	13/01/1912
IDCJAC0001_005005		1912	1	14	0	Y	14/01/1912
IDCJAC0001_005005		1912	1	15	0	Y	15/01/1912
IDCJAC0001_005005		1912	1	16	4.1	1 Y	16/01/1912
IDCJAC0001_005005		1912	1	17	0	Y	17/01/1912
IDCJAC0001_005005		1912	1	18	0	Y	18/01/1912
IDCJAC0001_005005		1912	1	19	0	Y	19/01/1912
IDCJAC0001_005005		1912	1	20	0	Y	20/01/1912
IDCJAC0001_005005		1912	1	21	0	Y	21/01/1912
IDCJAC0001_005005		1912	1	22	0	Y	22/01/1912
IDCJAC0001_005005		1912	1	23	0	Y	23/01/1912
IDCJAC0001_005005		1912	1	24	0	Y	24/01/1912
IDCJAC0001_005005		1912	1	25	0	Y	25/01/1912
IDCJAC0001_005005		1912	1	26	23.1	1 Y	26/01/1912
IDCJAC0001_005005		1912	1	27	0	Y	27/01/1912
IDCJAC0001_005005		1912	1	28	0	Y	28/01/1912
IDCJAC0001_005005		1912	1	29	0	Y	29/01/1912
IDCJAC0001_005005		1912	1	30	0	Y	30/01/1912
IDCJAC0001_005005		1912	1	31	0	Y	31/01/1912
IDCJAC0001_005005		1912	2	1	0	Y	1/01/1912
IDCJAC0001_005005		1912	2	2	0	Y	2/01/1912
IDCJAC0001_005005		1912	2	3	0	Y	3/01/1912
IDCJAC0001_005005		1912	2	4	0	Y	4/01/1912
IDCJAC0001_005005		1912	2	5	0	Y	5/01/1912
IDCJAC0001_005005		1912	2	6	0	Y	6/01/1912
IDCJAC0001_005005		1912	2	7	11.4	1 Y	7/01/1912
IDCJAC0001_005005		1912	2	8	0	Y	8/01/1912
IDCJAC0001_005005		1912	2	9	1.3	1 Y	9/01/1912
IDCJAC0001_005005		1912	2	10	0	Y	10/01/1912
IDCJAC0001_005005		1912	2	11	0	Y	11/01/1912
IDCJAC0001_005005		1912	2	12	28.4	1 Y	12/01/1912
IDCJAC0001_005005		1912	2	13	0	Y	13/01/1912
IDCJAC0001_005005		1912	2	14	0	Y	14/01/1912
IDCJAC0001_005005		1912	2	15	0	Y	15/01/1912
IDCJAC0001_005005		1912	2	16	0	Y	16/01/1912
IDCJAC0001_005005		1912	2	17	0	Y	17/01/1912

IDCJAC000:005005	1912	2	18	0	Y	18/01/1912
IDCJAC000:005005	1912	2	19	0	Y	19/01/1912
IDCJAC000:005005	1912	2	20	0	Y	20/01/1912
IDCJAC000:005005	1912	2	21	0	Y	21/01/1912
IDCJAC000:005005	1912	2	22	0	Y	22/01/1912
IDCJAC000:005005	1912	2	23	0	Y	23/01/1912
IDCJAC000:005005	1912	2	24	0	Y	24/01/1912
IDCJAC000:005005	1912	2	25	0	Y	25/01/1912
IDCJAC000:005005	1912	2	26	0	Y	26/01/1912
IDCJAC000:005005	1912	2	27	0	Y	27/01/1912
IDCJAC000:005005	1912	2	28	0	Y	28/01/1912
IDCJAC000:005005	1912	2	29	0	Y	29/01/1912
IDCJAC000:005005	1912	3	1	0	Y	1/01/1912
IDCJAC000:005005	1912	3	2	0	Y	2/01/1912
IDCJAC000:005005	1912	3	3	0	Y	3/01/1912
IDCJAC000:005005	1912	3	4	0	Y	4/01/1912
IDCJAC000:005005	1912	3	5	0	Y	5/01/1912
IDCJAC000:005005	1912	3	6	0	Y	6/01/1912
IDCJAC000:005005	1912	3	7	0	Y	7/01/1912
IDCJAC000:005005	1912	3	8	0	Y	8/01/1912
IDCJAC000:005005	1912	3	9	0	Y	9/01/1912
IDCJAC000:005005	1912	3	10	0	Y	10/01/1912
IDCJAC000:005005	1912	3	11	0	Y	11/01/1912
IDCJAC000:005005	1912	3	12	0	Y	12/01/1912
IDCJAC000:005005	1912	3	13	0	Y	13/01/1912
IDCJAC000:005005	1912	3	14	0	Y	14/01/1912
IDCJAC000:005005	1912	3	15	0	Y	15/01/1912
IDCJAC000:005005	1912	3	16	0	Y	16/01/1912
IDCJAC000:005005	1912	3	17	0	Y	17/01/1912
IDCJAC000:005005	1912	3	18	0	Y	18/01/1912
IDCJAC000:005005	1912	3	19	0	Y	19/01/1912
IDCJAC000:005005	1912	3	20	0	Y	20/01/1912
IDCJAC000:005005	1912	3	21	0	Y	21/01/1912
IDCJAC000:005005	1912	3	22	73.7	1 Y	22/01/1912
IDCJAC000:005005	1912	3	23	33	1 Y	23/01/1912
IDCJAC000:005005	1912	3	24	0	Y	24/01/1912
IDCJAC000:005005	1912	3	25	0	Y	25/01/1912
IDCJAC000:005005	1912	3	26	0	Y	26/01/1912
IDCJAC000:005005	1912	3	27	0	Y	27/01/1912
IDCJAC000:005005	1912	3	28	0	Y	28/01/1912
IDCJAC000:005005	1912	3	29	0	Y	29/01/1912
IDCJAC000:005005	1912	3	30	0	Y	30/01/1912
IDCJAC000:005005	1912	3	31	9.1	1 Y	31/01/1912
IDCJAC000:005005	1912	4	1	0	Y	1/01/1912
IDCJAC000:005005	1912	4	2	0	Y	2/01/1912
IDCJAC000:005005	1912	4	3	0	Y	3/01/1912
IDCJAC000:005005	1912	4	4	0	Y	4/01/1912
IDCJAC000:005005	1912	4	5	0	Y	5/01/1912
IDCJAC000:005005	1912	4	6	0	Y	6/01/1912
IDCJAC000:005005	1912	4	7	0	Y	7/01/1912

ObsCode=139&p_display_type=dataFile&p_startYear=&p_c=&p_stn_nu

BOM Statistics
Mean (all years) 384.5

Row Labels	Sum of Rainfall amount (millimetres)
2011	450.6
2012	425.5
2013	491
2014	323
2015	323.5
Grand Total	2013.6

Product code	Station number	Year	Month	Monthly Precipitation Total (millimetres)
IDCJAC000	005014	1886	7	8.1
IDCJAC000	005014	1886	8	2
IDCJAC000	005014	1886	9	0
IDCJAC000	005014	1886	10	0
IDCJAC000	005014	1886	11	1.8
IDCJAC000	005014	1886	12	23.9
IDCJAC000	005014	1887	1	147.1
IDCJAC000	005014	1887	2	60.7
IDCJAC000	005014	1887	3	37.6
IDCJAC000	005014	1887	4	68.6
IDCJAC000	005014	1887	5	28.2
IDCJAC000	005014	1887	6	53.3
IDCJAC000	005014	1887	7	7.1
IDCJAC000	005014	1887	8	0.5
IDCJAC000	005014	1887	9	0
IDCJAC000	005014	1887	10	0
IDCJAC000	005014	1887	11	0
IDCJAC000	005014	1887	12	13.7
IDCJAC000	005014	1888	1	133.9
IDCJAC000	005014	1888	2	50.5
IDCJAC000	005014	1888	3	4.1
IDCJAC000	005014	1888	4	35.6
IDCJAC000	005014	1888	5	16.5
IDCJAC000	005014	1888	6	27.7
IDCJAC000	005014	1888	7	18.5
IDCJAC000	005014	1888	8	14.2
IDCJAC000	005014	1888	9	0.3
IDCJAC000	005014	1888	10	0.3
IDCJAC000	005014	1888	11	0
IDCJAC000	005014	1888	12	22.4
IDCJAC000	005014	1889	1	109.2
IDCJAC000	005014	1889	2	73.2
IDCJAC000	005014	1889	3	40.4
IDCJAC000	005014	1889	4	0
IDCJAC000	005014	1889	5	27.9
IDCJAC000	005014	1889	6	35.6
IDCJAC000	005014	1889	7	3
IDCJAC000	005014	1889	8	14
IDCJAC000	005014	1889	9	0
IDCJAC000	005014	1889	10	0
IDCJAC000	005014	1889	11	3
IDCJAC000	005014	1889	12	49.3
IDCJAC000	005014	1890	1	35.1
IDCJAC000	005014	1890	2	80.5
IDCJAC000	005014	1890	3	58.2
IDCJAC000	005014	1890	4	39.4
IDCJAC000	005014	1890	5	20.6
IDCJAC000	005014	1890	6	7.1
IDCJAC000	005014	1890	7	0

IDCJAC000:005014	1890	8	0
IDCJAC000:005014	1890	9	0
IDCJAC000:005014	1890	10	0
IDCJAC000:005014	1890	11	80.5
IDCJAC000:005014	1890	12	0
IDCJAC000:005014	1891	1	52.3
IDCJAC000:005014	1891	2	19.3
IDCJAC000:005014	1891	3	0
IDCJAC000:005014	1891	4	0
IDCJAC000:005014	1891	5	0
IDCJAC000:005014	1891	6	11.4
IDCJAC000:005014	1891	7	0
IDCJAC000:005014	1891	8	0
IDCJAC000:005014	1891	9	0
IDCJAC000:005014	1891	10	0
IDCJAC000:005014	1891	11	21.6
IDCJAC000:005014	1891	12	35.3
IDCJAC000:005014	1892	1	32
IDCJAC000:005014	1892	2	16.3
IDCJAC000:005014	1892	3	58.7
IDCJAC000:005014	1892	4	0
IDCJAC000:005014	1892	5	2.5
IDCJAC000:005014	1892	6	0
IDCJAC000:005014	1892	7	37.3
IDCJAC000:005014	1892	8	0.8
IDCJAC000:005014	1892	9	0
IDCJAC000:005014	1892	10	0
IDCJAC000:005014	1892	11	0
IDCJAC000:005014	1892	12	14.2
IDCJAC000:005014	1893	1	261.6
IDCJAC000:005014	1893	2	102.6
IDCJAC000:005014	1893	3	9.1
IDCJAC000:005014	1893	4	53.3
IDCJAC000:005014	1893	5	0
IDCJAC000:005014	1893	6	78.5
IDCJAC000:005014	1893	7	33
IDCJAC000:005014	1893	8	0
IDCJAC000:005014	1893	9	0
IDCJAC000:005014	1893	10	0
IDCJAC000:005014	1893	11	0
IDCJAC000:005014	1893	12	24.1
IDCJAC000:005014	1894	1	666.5
IDCJAC000:005014	1894	2	38.1
IDCJAC000:005014	1894	3	50.3
IDCJAC000:005014	1894	4	0
IDCJAC000:005014	1894	5	0
IDCJAC000:005014	1894	6	0.5
IDCJAC000:005014	1894	7	5.3
IDCJAC000:005014	1894	8	0

Quality	Date	
Y	1/7/1886	
Y	1/8/1886	BOM Statistics
Y	1/9/1886	Mean (all years)
Y	1/10/1886	377
Y	1/11/1886	
Y	1/12/1886	
Y	1/1/1887	Row Labels Sum of Monthly Precipitation Total (millimetres)
Y	1/2/1887	2011 449
Y	1/3/1887	2012 333
Y	1/4/1887	2013 664.7
Y	1/5/1887	2014 456.3
Y	1/6/1887	2015 594.8
Y	1/7/1887	2016 362.2
Y	1/8/1887	2017 352.6
Y	1/9/1887	2018 266.4
Y	1/10/1887	2019 189.6
Y	1/11/1887	2020 483.2
Y	1/12/1887	2021 523.3
Y	1/1/1888	2022 474.7
Y	1/2/1888	2023 237
		Grand Total 5386.8
Y	1/3/1888	
Y	1/4/1888	
Y	1/5/1888	
Y	1/6/1888	
Y	1/7/1888	
Y	1/8/1888	
Y	1/9/1888	
Y	1/10/1888	
Y	1/11/1888	
Y	1/12/1888	
Y	1/1/1889	
Y	1/2/1889	
Y	1/3/1889	
Y	1/4/1889	
Y	1/5/1889	
Y	1/6/1889	
Y	1/7/1889	
Y	1/8/1889	
Y	1/9/1889	
Y	1/10/1889	
Y	1/11/1889	
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Y	1/2/1890	
Y	1/3/1890	
Y	1/4/1890	
Y	1/5/1890	
Y	1/6/1890	
Y	1/7/1890	

Y	1/8/1890
Y	1/9/1890
Y	1/10/1890
Y	1/11/1890
Y	1/12/1890
Y	1/1/1891
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Y	1/2/1894
Y	1/3/1894
Y	1/4/1894
Y	1/5/1894
Y	1/6/1894
Y	1/7/1894
Y	1/8/1894

Product code	Bureau of Meteorology	Year	Month	Day	Rainfall amount	Period over Quality	Date
IDCJAC000 005026		1950	01	01			1/01/1950
IDCJAC000 005026		1950	01	02			2/01/1950
IDCJAC000 005026		1950	01	03			3/01/1950
IDCJAC000 005026		1950	01	04			4/01/1950
IDCJAC000 005026		1950	01	05			5/01/1950
IDCJAC000 005026		1950	01	06			6/01/1950
IDCJAC000 005026		1950	01	07			7/01/1950
IDCJAC000 005026		1950	01	08			8/01/1950
IDCJAC000 005026		1950	01	09			9/01/1950
IDCJAC000 005026		1950	01	10			10/01/1950
IDCJAC000 005026		1950	01	11			11/01/1950
IDCJAC000 005026		1950	01	12			12/01/1950
IDCJAC000 005026		1950	01	13			13/01/1950
IDCJAC000 005026		1950	01	14			14/01/1950
IDCJAC000 005026		1950	01	15			15/01/1950
IDCJAC000 005026		1950	01	16			16/01/1950
IDCJAC000 005026		1950	01	17			17/01/1950
IDCJAC000 005026		1950	01	18			18/01/1950
IDCJAC000 005026		1950	01	19			19/01/1950
IDCJAC000 005026		1950	01	20			20/01/1950
IDCJAC000 005026		1950	01	21			21/01/1950
IDCJAC000 005026		1950	01	22			22/01/1950
IDCJAC000 005026		1950	01	23			23/01/1950
IDCJAC000 005026		1950	01	24			24/01/1950
IDCJAC000 005026		1950	01	25			25/01/1950
IDCJAC000 005026		1950	01	26			26/01/1950
IDCJAC000 005026		1950	01	27			27/01/1950
IDCJAC000 005026		1950	01	28			28/01/1950
IDCJAC000 005026		1950	01	29			29/01/1950
IDCJAC000 005026		1950	01	30			30/01/1950
IDCJAC000 005026		1950	01	31			31/01/1950
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IDCJAC000 005026		1950	02	04			4/01/1950
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IDCJAC000 005026		1950	02	06			6/01/1950
IDCJAC000 005026		1950	02	07			7/01/1950
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IDCJAC000 005026		1950	02	15			15/01/1950
IDCJAC000 005026		1950	02	16			16/01/1950
IDCJAC000 005026		1950	02	17			17/01/1950

IDCJAC000 005026	1950 02	18	18/01/1950
IDCJAC000 005026	1950 02	19	19/01/1950
IDCJAC000 005026	1950 02	20	20/01/1950
IDCJAC000 005026	1950 02	21	21/01/1950
IDCJAC000 005026	1950 02	22	22/01/1950
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IDCJAC000 005026	1950 02	26	26/01/1950
IDCJAC000 005026	1950 02	27	27/01/1950
IDCJAC000 005026	1950 02	28	28/01/1950
IDCJAC000 005026	1950 03	01	1/01/1950
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IDCJAC000 005026	1950 03	08	8/01/1950
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IDCJAC000 005026	1950 03	10	10/01/1950
IDCJAC000 005026	1950 03	11	11/01/1950
IDCJAC000 005026	1950 03	12	12/01/1950
IDCJAC000 005026	1950 03	13	13/01/1950
IDCJAC000 005026	1950 03	14	14/01/1950
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IDCJAC000 005026	1950 03	17	17/01/1950
IDCJAC000 005026	1950 03	18	18/01/1950
IDCJAC000 005026	1950 03	19	19/01/1950
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IDCJAC000 005026	1950 04	03	3/01/1950
IDCJAC000 005026	1950 04	04	4/01/1950
IDCJAC000 005026	1950 04	05	5/01/1950
IDCJAC000 005026	1950 04	06	6/01/1950
IDCJAC000 005026	1950 04	07	7/01/1950
IDCJAC000 005026	1950 04	08	8/01/1950

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BOM Statistics	
Mean (all years)	457

Row Labels	Sum of Rainfall amount (millimetres)
2011	566
2012	604
2013	704.8
2014	394.8
2015	482.4
2016	316.6
2017	451
2018	428
2019	163.2
Grand Total	4110.8

IDCJAC0009_005001_1800_Data (accessed from http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?							
Product code	Bureau of Meteorology	Year	Month	Day	Rainfall amount	Period over Quality	Date
IDCJAC000 005001		1923	01	01	0	Y	1/01/1923
IDCJAC000 005001		1923	01	02	0	Y	2/01/1923
IDCJAC000 005001		1923	01	03	11.2	1 Y	3/01/1923
IDCJAC000 005001		1923	01	04	29.2	1 Y	4/01/1923
IDCJAC000 005001		1923	01	05	0	Y	5/01/1923
IDCJAC000 005001		1923	01	06	0	Y	6/01/1923
IDCJAC000 005001		1923	01	07	0	Y	7/01/1923
IDCJAC000 005001		1923	01	08	2.3	1 Y	8/01/1923
IDCJAC000 005001		1923	01	09	0	Y	9/01/1923
IDCJAC000 005001		1923	01	10	0	Y	10/01/1923
IDCJAC000 005001		1923	01	11	0	Y	11/01/1923
IDCJAC000 005001		1923	01	12	0	Y	12/01/1923
IDCJAC000 005001		1923	01	13	0	Y	13/01/1923
IDCJAC000 005001		1923	01	14	0	Y	14/01/1923
IDCJAC000 005001		1923	01	15	2.8	1 Y	15/01/1923
IDCJAC000 005001		1923	01	16	0	Y	16/01/1923
IDCJAC000 005001		1923	01	17	0	Y	17/01/1923
IDCJAC000 005001		1923	01	18	0	Y	18/01/1923
IDCJAC000 005001		1923	01	19	4.1	1 Y	19/01/1923
IDCJAC000 005001		1923	01	20	0	Y	20/01/1923
IDCJAC000 005001		1923	01	21	0	Y	21/01/1923
IDCJAC000 005001		1923	01	22	0	Y	22/01/1923
IDCJAC000 005001		1923	01	23	0	Y	23/01/1923
IDCJAC000 005001		1923	01	24	0	Y	24/01/1923
IDCJAC000 005001		1923	01	25	0	Y	25/01/1923
IDCJAC000 005001		1923	01	26	0	Y	26/01/1923
IDCJAC000 005001		1923	01	27	3.8	1 Y	27/01/1923
IDCJAC000 005001		1923	01	28	1	1 Y	28/01/1923
IDCJAC000 005001		1923	01	29	0	Y	29/01/1923
IDCJAC000 005001		1923	01	30	0	Y	30/01/1923
IDCJAC000 005001		1923	01	31	0	Y	31/01/1923
IDCJAC000 005001		1923	02	01	0	Y	1/01/1923
IDCJAC000 005001		1923	02	02	0	Y	2/01/1923
IDCJAC000 005001		1923	02	03	0	Y	3/01/1923
IDCJAC000 005001		1923	02	04	0	Y	4/01/1923
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IDCJAC000 005001		1923	02	10	4.1	1 Y	10/01/1923
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IDCJAC000 005001		1923	02	13	0	Y	13/01/1923
IDCJAC000 005001		1923	02	14	0	Y	14/01/1923
IDCJAC000 005001		1923	02	15	0	Y	15/01/1923
IDCJAC000 005001		1923	02	16	0	Y	16/01/1923
IDCJAC000 005001		1923	02	17	0	Y	17/01/1923

IDCJAC000 005001	1923 02	18	3	1 Y	18/01/1923
IDCJAC000 005001	1923 02	19	0	Y	19/01/1923
IDCJAC000 005001	1923 02	20	0	Y	20/01/1923
IDCJAC000 005001	1923 02	21	0	Y	21/01/1923
IDCJAC000 005001	1923 02	22	0	Y	22/01/1923
IDCJAC000 005001	1923 02	23	0	Y	23/01/1923
IDCJAC000 005001	1923 02	24	0	Y	24/01/1923
IDCJAC000 005001	1923 02	25	0	Y	25/01/1923
IDCJAC000 005001	1923 02	26	0	Y	26/01/1923
IDCJAC000 005001	1923 02	27	31.5	1 Y	27/01/1923
IDCJAC000 005001	1923 02	28	6.4	1 Y	28/01/1923
IDCJAC000 005001	1923 03	01	0	Y	1/01/1923
IDCJAC000 005001	1923 03	02	0	Y	2/01/1923
IDCJAC000 005001	1923 03	03	0.3	1 Y	3/01/1923
IDCJAC000 005001	1923 03	04	2	1 Y	4/01/1923
IDCJAC000 005001	1923 03	05	13.2	1 Y	5/01/1923
IDCJAC000 005001	1923 03	06	2.5	1 Y	6/01/1923
IDCJAC000 005001	1923 03	07	0	Y	7/01/1923
IDCJAC000 005001	1923 03	08	0	Y	8/01/1923
IDCJAC000 005001	1923 03	09	0	Y	9/01/1923
IDCJAC000 005001	1923 03	10	4.8	1 Y	10/01/1923
IDCJAC000 005001	1923 03	11	0	Y	11/01/1923
IDCJAC000 005001	1923 03	12	0	Y	12/01/1923
IDCJAC000 005001	1923 03	13	0	Y	13/01/1923
IDCJAC000 005001	1923 03	14	0	Y	14/01/1923
IDCJAC000 005001	1923 03	15	0	Y	15/01/1923
IDCJAC000 005001	1923 03	16	0	Y	16/01/1923
IDCJAC000 005001	1923 03	17	0	Y	17/01/1923
IDCJAC000 005001	1923 03	18	0	Y	18/01/1923
IDCJAC000 005001	1923 03	19	0.8	1 Y	19/01/1923
IDCJAC000 005001	1923 03	20	0.8	1 Y	20/01/1923
IDCJAC000 005001	1923 03	21	2	1 Y	21/01/1923
IDCJAC000 005001	1923 03	22	6.6	1 Y	22/01/1923
IDCJAC000 005001	1923 03	23	11.2	1 Y	23/01/1923
IDCJAC000 005001	1923 03	24	0	Y	24/01/1923
IDCJAC000 005001	1923 03	25	0	Y	25/01/1923
IDCJAC000 005001	1923 03	26	0	Y	26/01/1923
IDCJAC000 005001	1923 03	27	0	Y	27/01/1923
IDCJAC000 005001	1923 03	28	0	Y	28/01/1923
IDCJAC000 005001	1923 03	29	0	Y	29/01/1923
IDCJAC000 005001	1923 03	30	0	Y	30/01/1923
IDCJAC000 005001	1923 03	31	0	Y	31/01/1923
IDCJAC000 005001	1923 04	01	0	Y	1/01/1923
IDCJAC000 005001	1923 04	02	0	Y	2/01/1923
IDCJAC000 005001	1923 04	03	0	Y	3/01/1923
IDCJAC000 005001	1923 04	04	0	Y	4/01/1923
IDCJAC000 005001	1923 04	05	0	Y	5/01/1923
IDCJAC000 005001	1923 04	06	7.9	1 Y	6/01/1923
IDCJAC000 005001	1923 04	07	0	Y	7/01/1923
IDCJAC000 005001	1923 04	08	0	Y	8/01/1923

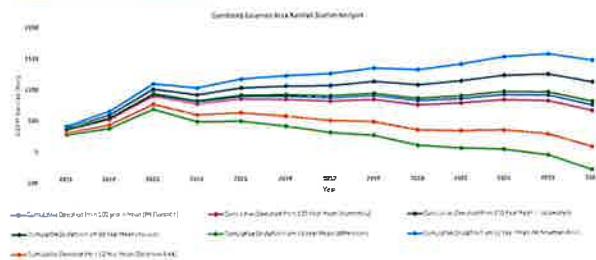
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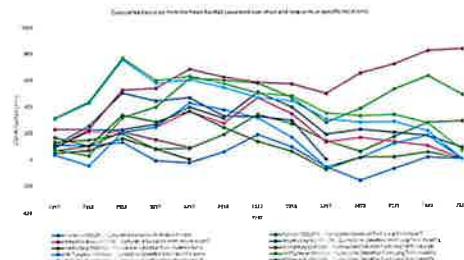
BOM Statistics	
Mean (all years)	348.8

Row Labels	Sum of Rainfall amount (millimetres)
2011	579.6
2012	347.5
2013	647.2
2014	360.6
2015	493.7
2016	288.3
2017	306.8
2018	336.8
2019	276.1
2020	502.3
2021	416.2
2022	449
2023	363.1
Grand Total	5367.2

Adapted annual mean 1 (prec)	377 (from Mt Roraima's long term record)
Adapted annual mean 2 (prec)	428 (from Solomon's rain gauges with data only since 2010)
Adapted annual mean 3 (prec)	373 Yellow
Adapted annual mean 4 (prec)	322 Mt Roraima Aera
Adapted annual mean 5 (prec)	385 Hammerley
Adapted annual mean 6 (prec)	457 Wittenoom
Adapted annual mean 7 (prec)	349 Coobeyna

Cumulative Deviations from Mean = 1





“JAB-2”

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

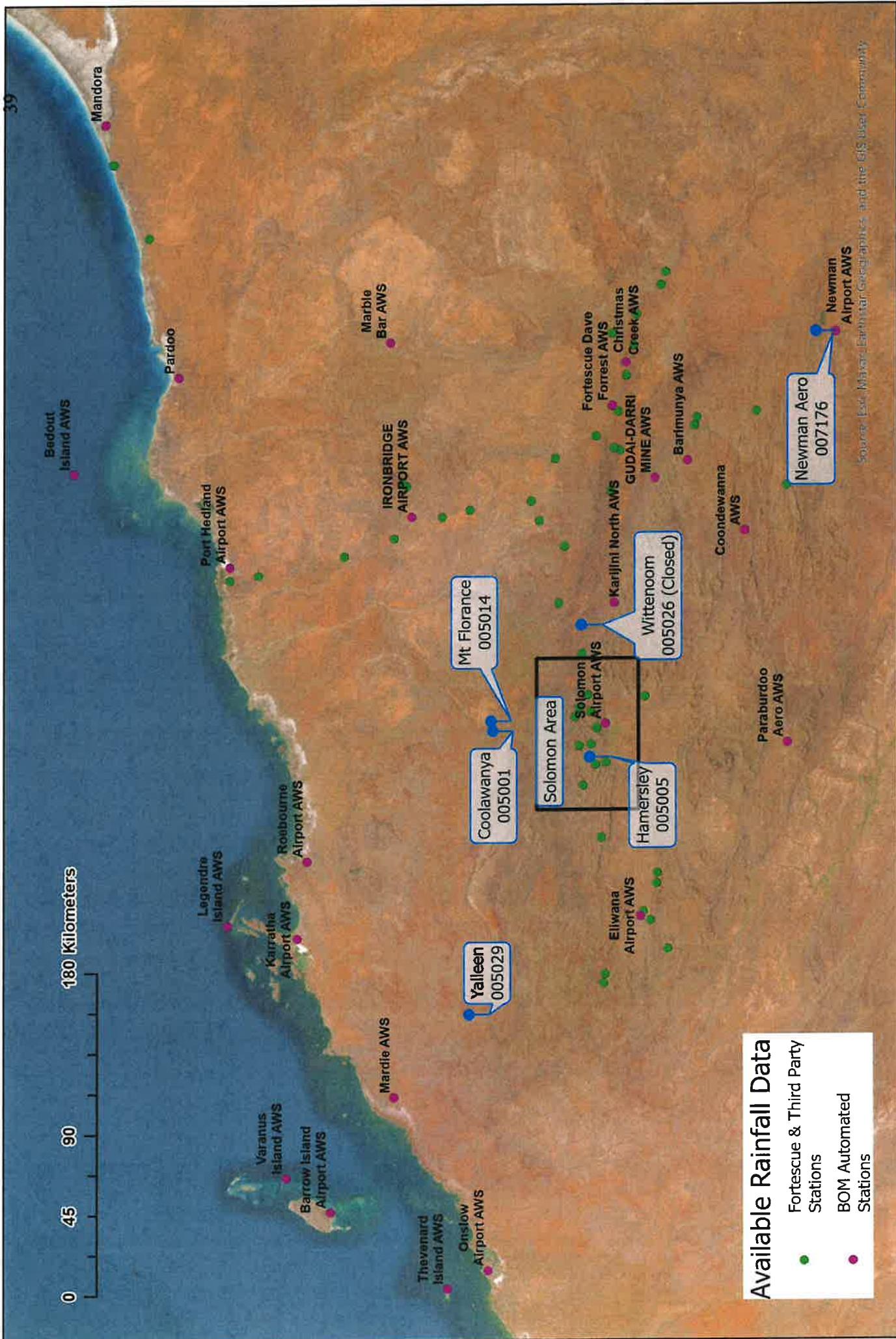
Respondents

This is the annexure marked **JAB-2** referred to in the affidavit of Jordin Alexander Barclay sworn on 22 February 2024.



Signature of witness

a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.



“JAB-3”

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

Respondents

This is the annexure marked **JAB-3** referred to in the affidavit of Jordin Alexander Barclay sworn on 22 February 2024.



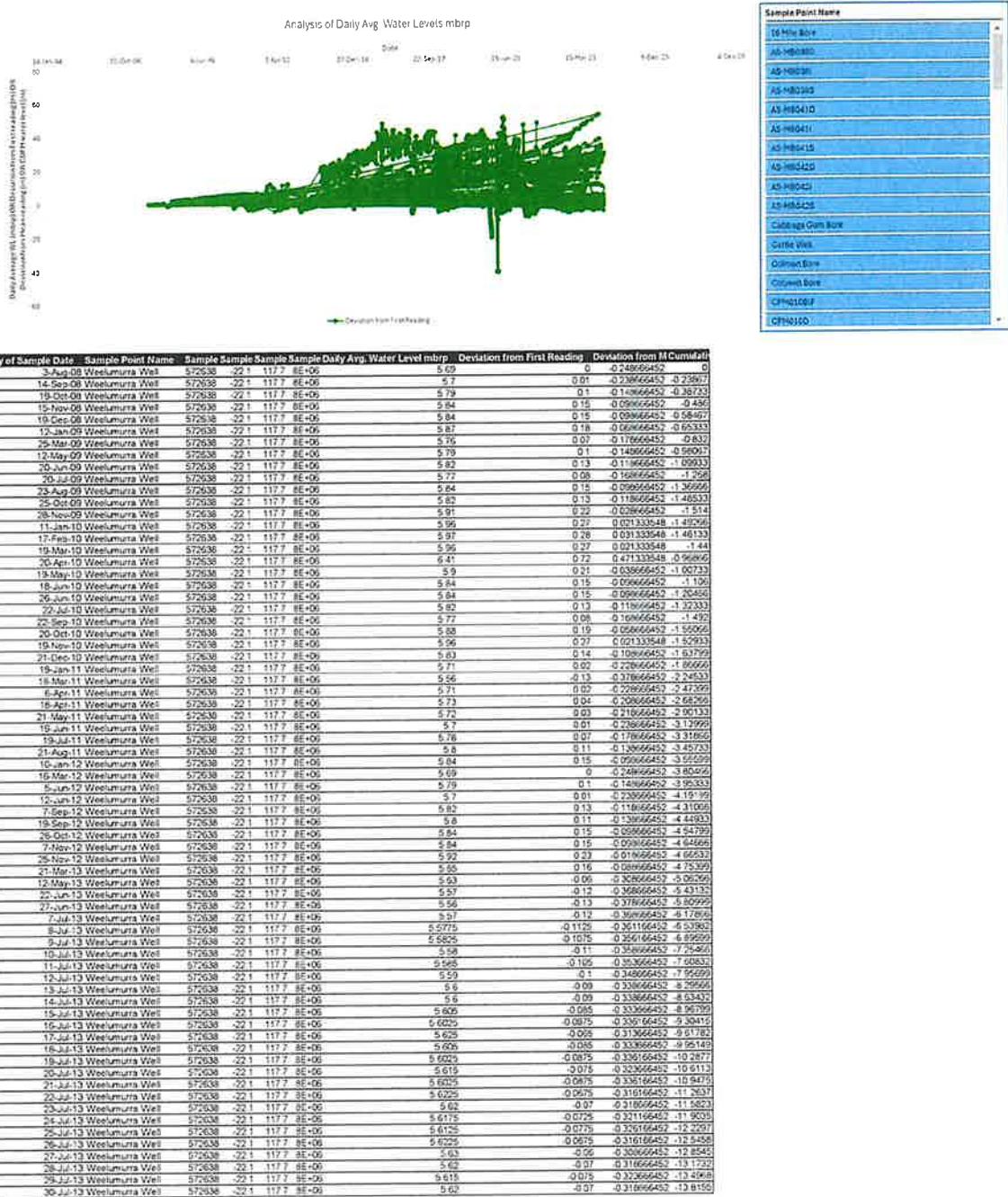
Signature of witness

KARL WELMER

a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.

Sample Point Name	Sample Point Easting	Sample Point Northing	Avg. Water Level mbf	Date of first water level reading	Date of final water level reading	First water lev	Last water lev	Overall Rate of Change	
16 Mile Bore	5848275	7581156	8.89277778	21/07/2010	19/12/2023	8.72	10.62	0.0004	
AS-MB038D	598043.75	7538075.726	18.7858956	26/09/2017	10/11/2024	18.97	17.44	-0.0007	
AS-MB038I	598043.75	7538075.726	18.2764377	26/09/2017	6/01/2024	18.66	14.05	-0.0020	
AS-MB038S	598043.194	7538063.336	18.18323364	26/09/2017	6/01/2024	17.57	18.29	0.0003	
AS-MB041D	598197.107	7534495.314	18.58918266	6/01/2024	14/10/2017	17.84	18.60	0.0003	
AS-MB041L	598197.107	7534495.314	18.51281498	14/10/2017	6/01/2024	17.8	18.57	0.0003	
AS-MB041S	598197.581	7534507.334	19.04067067	14/10/2017	6/01/2024	18.16	19.12	0.0004	
AS-MB042D	598005.837	7531356.865	24.90353951	17/03/2018	10/10/2023	24.24	25.27	0.0005	
AS-MB042I	598005.837	7531356.865	24.94610143	17/03/2018	10/10/2023	24.27	25.31	0.0005	
AS-MB042S	598005.236	7531368.959	23.61648107	17/03/2018	10/10/2023	22.96	23.99	0.0005	
Cabbage Gum Bore	553051	7563228	3.2329860418	26/05/2008	18/10/2022	2.34	3.70	0.0003	
Cattle Well	585877	7532555	13.98431592	30/07/2008	10/01/2024	9.29	38.60	0.0052	
Colman Bore	605877	7549447	52.3038863	11/07/2012	26/10/2023	50.94	55.89	0.0012	
Coyleen Bore	592955	7576596	3.235434783	5/08/2008	21/10/2023	3.1	3.40	0.0001	
CPM0108BIF	553184	7543003	33.00193396	10/08/2011	30/03/2023	33.04	37.39	0.0010	
CPM010D	553171	7542997	31.62515061	10/08/2011	30/03/2023	31.99	37.50	0.0013	
CPM010S	553171	7542997	32.2505106	10/08/2011	30/03/2023	32.01	37.50	0.0013	
CPM011D	555016.41	7552200.24	23.56456277	12/01/2011	30/03/2023	23.76	24.78	0.0002	
CPM011S	555016	7552200	23.92114416	12/01/2011	30/03/2023	23.94	24.95	0.0002	
CPM013BIF	565414	7540104	58.77636543	10/08/2011	21/05/2023	56.76	59.04	0.0005	
CPM013S	565414	7540104	57.7323913	10/08/2011	27/09/2022	56.74	58.86	0.0005	
CPM017D	570669	7541398	8.006451887	10/09/2011	20/05/2023	5.62	7.36	0.0004	
CPM017DID	570669	7541403	12.13469867	10/09/2011	20/05/2023	10.94	12.51	0.0004	
CPM017S	570673	7541397	6.526696332	10/09/2011	6/01/2024	5.53	7.82	0.0005	
CPP010	553174	7543019	32.78913043	10/08/2011	3/03/2023	32.17	37.34	0.0012	
Encounter Bore	585378	7581929	3.640139747	4/08/2008	19/12/2023	3.56	3.94	0.0001	
Kang Well	587575.79	7537697.363	9.047161411	30/07/2008	6/01/2024	7.36	11.76	0.0008	
KMB017	587598	7563988	19.1357252	9/04/2016	21/10/2023	20.39	20.62	0.0001	
KMB15S	580451.019	7556989.011	1.50549645	13/02/2015	6/01/2024	1.73	1.78	0.0000	
LF-MB0010	6022791.827	7558814.438	20.73770527	15/02/2015	21/10/2023	19.29	21.27	0.0006	
LF-MB0015	6022786.588	7559816.729	21.00081346	15/02/2015	21/10/2023	19.54	21.54	0.0006	
LF-MB002D	6044921.121	7551031.32	31.46130435	15/02/2015	20/10/2023	31.2	33.07	0.0006	
LF-MB002S	6044923.04	7551025.69	36.61636364	15/02/2015	20/10/2023	35.08	38.41	0.0011	
LF-MB004D	614364.214	7562252.813	13.0156818	15/02/2015	22/10/2023	11.98	14.09	0.0006	
LF-MB004I	614351.745	7552258.559	12.86885556	15/02/2015	22/10/2023	11.93	13.92	0.0007	
LF-MB004L	614345.308	7552260.973	13.04288889	15/02/2015	22/10/2023	12.01	14.11	0.0007	
LF-MB004S	614356.425	7552253.384	13.01368667	15/02/2015	22/10/2023	11.97	14.07	0.0007	
LF-MB005D	601639.39	7564166.992	27.75488372	10/02/2015	21/10/2023	28.25	28.66	0.0008	
LF-MB005S	601632.627	7564165.947	27.32848837	15/02/2015	21/10/2023	26.35	28.16	0.0006	
LF-PB004	614349.341	7552253.411	13.03875	15/02/2015	20/10/2023	11.98	14.07	0.0007	
Lucindas Bore	5633643	75747491	26.30529782	19/01/2011	19/05/2020	23.75	27.07	0.0010	
Macca Bore	565819	7563837	5.621374825	3/08/2008	17/09/2018	3.56	7.37	0.0007	
Matapan Well	553966	7530709	3.262083333	21/12/2010	10/01/2024	3.57	4.27	0.0001	
Neisonson(Hamnerley)	5604111	7567290	12.24342105	30/07/2008	7/12/2022	11.93	12.93	0.0002	
New Salt Bore	5988686	7567449	8.052857143	5/08/2008	7/11/2022	6	12.17	0.0008	
Old Millers Bore	575633	7553523	19.84849455	12/09/2008	21/08/2018	17.77	22.22	0.0012	
Quarriing Bore	577828	7579767	14.28341463	17/09/2008	19/12/2023	13.74	23.57	0.0018	
Stellias Bore	5468972	7533064	12.12818182	30/07/2008	18/12/2023	11.27	12.89	0.0003	
Tripod Bore	6086267	7556031	8.345208333	24/07/2008	11/11/2023	10.44	10.44	0.0008	
TRRRDR3	571345	7544957	13.35212121	4/09/2010	10/06/2014	19/05/2019	53.05	0.0093	
Wallinga Bore	565011	7564812	5.272063205	28/11/2009	7/01/2024	4.13	4.49	0.0001	
Warp 16	575633	7553523	4.319560954	1/08/2007	21/12/2023	4.3	6.48	0.0004	
Wealumurra Well	572638	7556383	5.938666452	3/08/2008	7/01/2024	5.69	6.42	0.0001	
TRP153	588450.96	7554254.16	31.27905856	10/06/2014	15/12/2023	17.02	54.70	0.0313	
TRP067	586539.8172	7550469.638	30.41237187	19/05/2019	18/05/2023	18.88	46.13	0.0163	
TRM132	586432.102	7554249.238	24.2832206	13.80376356	4/09/2010	18/05/2023	7.71	36.35	0.0062
Trinity Old Rio Bore	586150.956	7554252.216	7554253.834	18/06/2012	26/11/2022	50.73	92.20	0.0109	
SWB-006	583170.818	7551023.061	47.94593772	4/09/2010	1/12/2023	17.5	43.74	0.0054	
SPB1003	588223	7550795	8.424695693	2/06/2008	2/11/2023	5.82	16.87		
SCM001	7553387.55								

<u>SMB10003a</u>	<u>581691</u>	<u>7550901</u>	<u>59.81917055</u>	<u>5/10/2010</u>	<u>52.33</u>	<u>77.19</u>
	<u>5838135.529</u>	<u>7546714.235</u>	<u>7546714.235</u>	<u>17/08/2012</u>	<u>19.39</u>	<u>41.95</u>
<u>SMB1033</u>		<u>7545022.267</u>	<u>7545022.267</u>	<u>14/03/2012</u>	<u>4.09</u>	<u>21.62</u>
<u>SMB1030</u>		<u>7545401.173</u>	<u>7.294447874</u>	<u>27/05/2012</u>	<u>25.57</u>	<u>40.90</u>
<u>SMB1021</u>		<u>7547088.421</u>	<u>34.143689866</u>	<u>17/06/2012</u>	<u>11.01</u>	<u>0.0037</u>
<u>SMB1020</u>		<u>7552220.325</u>	<u>23.23073327</u>	<u>16/12/2023</u>	<u>36.70</u>	<u>0.0061</u>
<u>SMB1007</u>		<u>7550497</u>	<u>23.6778711</u>	<u>4/09/2010</u>	<u>55.08</u>	<u>0.0070</u>
<u>SMB1004</u>		<u>7552005</u>	<u>37.39733689</u>	<u>4/09/2010</u>	<u>35.27</u>	<u>87.62</u>
<u>KMB015</u>		<u>586026.03</u>	<u>5.553492063</u>	<u>3/10/2022</u>	<u>2.21</u>	<u>6.50</u>
		<u>7553361.16</u>	<u>19.95983415</u>	<u>17/11/2011</u>	<u>2.23</u>	<u>30.59</u>
		<u>7553357.95</u>	<u>12.40560911</u>	<u>19/11/2011</u>	<u>2.77</u>	<u>0.0064</u>
<u>KMB012</u>		<u>588023.24</u>	<u>7553355.767</u>	<u>17/08/2012</u>	<u>24.65</u>	<u>0.0058</u>
<u>KMB011</u>		<u>588024.848</u>	<u>7553362.22</u>	<u>17/06/2012</u>	<u>2.92</u>	<u>30.56</u>
<u>KMB010</u>		<u>588027.085</u>	<u>7547646.25</u>	<u>1/09/2007</u>	<u>18.38</u>	<u>0.0066</u>
<u>Jippa Bare</u>		<u>593340.99</u>	<u>56.41013369</u>	<u>4/08/2010</u>	<u>40.41</u>	<u>0.0052</u>
<u>Hogdays M131</u>		<u>584488.58</u>	<u>56.27313131</u>	<u>4/09/2010</u>	<u>55.77</u>	<u>-0.0006</u>
<u>Hogdays Bare</u>		<u>584494.1</u>	<u>7543593.8</u>	<u>4/12/2023</u>	<u>52.80</u>	<u>-0.0006</u>
<u>KMB12S</u>		<u>7550528</u>	<u>1.554</u>	<u>27/01/2024</u>	<u>1.77</u>	<u>1.53</u>



“JAB-4”

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

Respondents

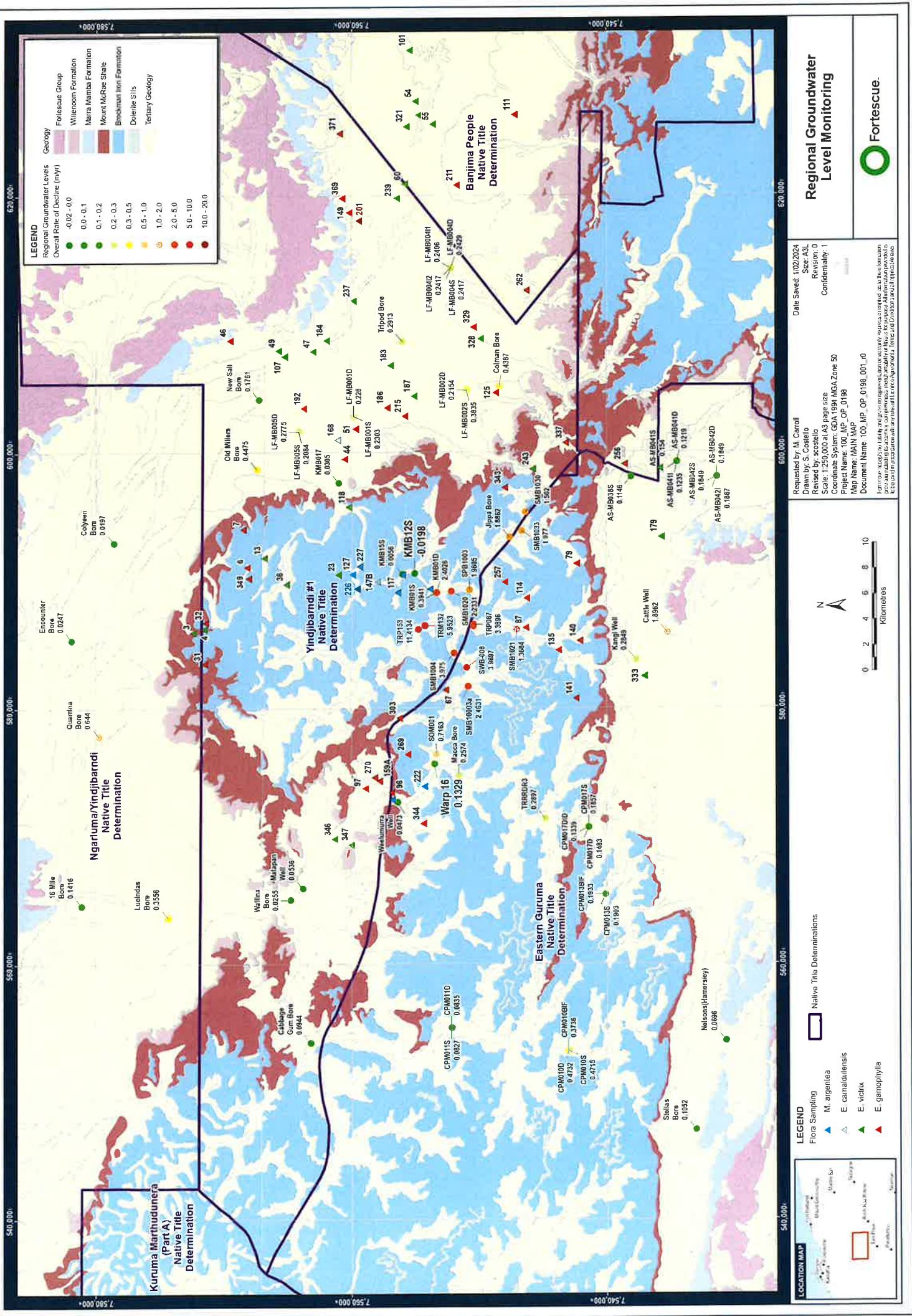
This is the annexure marked **JAB-4** referred to in the affidavit of Jordin Alexander Barclay sworn on 22 February 2024.



Signature of witness



a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.



“JAB-5”

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA & ORS

Respondents

This is the annexure marked **JAB-5** referred to in the affidavit of Jordin Alexander Barclay sworn on 22 February 2024.



Signature of witness



a legal practitioner who has held
a practice certificate for at least
2 years and who holds a current
practice certificate.

Annual Abstraction Volumes - Check

Year	Source	Licence	Volume	Row Label	Sum of Volume
					(Multiple Items)
2022	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Potable Water Supply - GWL177110	368,963,000	2017	5,176,116
2021	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Potable Water Supply - GWL177110	371,867,000	2016	11,165,215
2020	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Potable Water Supply - GWL177110	380,278,000	2019	12,026,710
2022	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Dewatering Supply (including Queens) - GWL175139 and GWL179813	14,949,125,000	2020	16,376,000
2021	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Dewatering Supply (including Queens) - GWL175139 and GWL179813	15,644,343,000	2021	16,210,010
2021	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Dewatering Supply (including Queens) - GWL175139 and GWL179812	15,985,812,000	2022	15,338,068
2021	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Southern Fortescue Supply - GWL177974 and GWL177976	2,822,127,000	2013/2012	1,856,326
2021	Solomon Triennial Groundwater Monitoring Review - 2022 (SO-RP-WM-0010)	Southern Fortescue Supply - GWL177974 and GWL177976	1,400,966,000	2012/2013	2,771,763
2020	Solomon Triennial Groundwater Monitoring Review - 2020 (SO-RP-WM-0010)	Southern Fortescue Supply - GWL177974 and GWL177976	2,668,943,000	2013/2014	4,805,296
2019	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Potable Water Supply - GWL177110	543,128,000	2014/2015	9,560,141
2018	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Potable Water Supply - GWL177110	409,690,000	2015/2016	12,730,144
2017	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Potable Water Supply - GWL177110	170,079,000	2016/2017	32,509,519
2019	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Stockyard Supply - GWL174095	35,271,000	Grand Total	158,000,496
2018	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Dewatering Supply - GWL175139	1,831,098,000		
2018	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Dewatering Supply - GWL175139	1,008,764,000		
2017	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Dewatering Supply - GWL175139	121,017,000		
2016	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Queens GWL178913	9,652,484,000		
2018	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Queens GWL178913	9,773,761,000		
2017	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Queens GWL178913	4,886,120,000		
2019	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Southern Fortescue Supply - GWL177974 and GWL177976	7,203,797,000		
2018	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Southern Fortescue Supply - GWL177974 and GWL177976	3,122,898,000		
2017	Solomon Triennial Aquifer Review - to 31 December 2019 (SO-RP-HY-0008_Rev1)	Southern Fortescue Supply - GWL177974 and GWL177976	1,459,405,000		
2016/2017	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Dewatering Supply - GWL175139	11,977,465,000		
2015/2016	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Dewatering Supply - GWL175139	12,773,691,000		
2014/2015	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Dewatering Supply - GWL175139	8,370,400,000		
2016/2017	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Southern Fortescue Supply - GWL177974 and GWL177976	2,163,823,000		
2015/2016	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Southern Fortescue Supply - GWL177974 and GWL177976	801,337,000		
2014/2015	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Southern Fortescue Supply - GWL177974 and GWL177976	2,362,773,000		
2014/2015	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Queens GWL178913	741,263,000		
2015/2016	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Stockyard Supply - GWL174095	30,256,000		
2014/2015	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Stockyard Supply - GWL174095	212,179,000		
2016/2017	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Potable Water Supply - GWL177110	532,052,000		
2015/2016	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Potable Water Supply - GWL177110	464,453,000		
2014/2015	Solomon Triennial Aquifer Review - 1 August 2014 to 31 July 2017 (SO-RP-HY-0004)	Potable Water Supply - GWL177110	448,478,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Construction Supply - GWL173699 and GWL177720	1,560,598,000		
2012/2013	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Construction Supply - GWL173699 and GWL177720	1,654,167,000		
2011/2012	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Construction Supply - GWL173699 and GWL177720	1,190,829,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Dewatering Supply - GWL175139	2,085,188,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Airstrip Supply - GWL173720	10,426,000		
2013/2013	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Airstrip Supply - GWL173720	26,433,000		
2011/2012	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Airstrip Supply - GWL173720	286,263,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Southern Fortescue Supply - GWL177974 and GWL177976	3,038,787,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Queens GWL178913	809,944,000		
2012/2013	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Queens GWL178913	82,209,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Stockyard Supply - GWL174095	313,217,000		
2012/2013	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Stockyard Supply - GWL174095	448,642,000		
2011/2012	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Stockyard Supply - GWL174095	635,316,000		
2013/2014	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Potable Water Supply - GWL177110	445,566,000		
2012/2013	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Potable Water Supply - GWL177110	355,393,000		
2011/2012	Solomon Triennial Aquifer Review - 1 August 2011 to 31 July 2014 (SO-RP-HY-0003)	Potable Water Supply - GWL177110	165,499,000		