



Affidavit

WAD 37 of 2022

Federal Court of Australia
District Registry: Western Australia
Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

Affidavit of: **JOHN SHARMAN**
Address: c/- Department of Mines, Industry Regulation and Safety
100 Plain Street East Perth WA
Occupation: Manager Royalty Assessment
Date: 29 September 2023

Filed on behalf of: State of Western Australia
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I, JOHN SHARMAN, Public Servant, care of the Department of Mines, Industry Regulation and Safety, 100 Plain Street, East Perth in the State of Western Australia (**State**), declare and affirm:

1. I am currently employed as the Manager Royalties Assessment within the Department of Mines, Industry Regulation and Safety (**DMIRS**) within Western Australia.
2. I have worked at DMIRS for the past 23 years and held a number of roles within the Department. Those roles have included various roles relevant to royalty administration within DMIRS, including Royalties Officer and Senior Royalties Officer.
3. In this affidavit, I include in any reference to DMIRS, reference to DMIRS' predecessors, including the Department of Mines, the Department of Minerals and Energy, the Department of Mineral and Petroleum Resources, the Department of Industry and Resources and the Department of Mines and Petroleum.

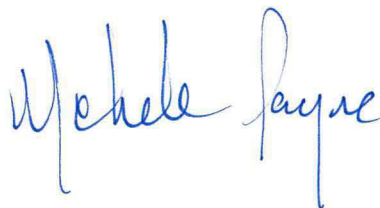
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4. DMIRS is the department responsible for regulating the mining, petroleum and geothermal resource sector in Western Australia. Amongst other things, DMIRS currently performs the royalty collection and administration function of Government, including the administration of royalty payments based on mineral and petroleum sales by industry.
5. In my role as Manager Royalties Assessment, I manage a team responsible for ensuring royalty returns and production reports are lodged on a timely basis and that payments are made in line with those returns. In my role, I also oversee audits and assessments of royalty returns and payments to ensure the returns and payments adhere to the requirements in the *Mining Act 1978* (WA) (**Mining Act**) and the *Mining Regulations 1981* (WA) (**Mining Regulations**).
6. Unless stated otherwise, I affirm this affidavit on the basis of facts which have come to my knowledge, including facts which have come to my knowledge from my examination of records maintained by DMIRS and, where specified, information provided by other State government departments. Where I rely on facts outside my personal knowledge, I have identified the source of those facts and believe them to be true.

REQUEST FOR ROYALTIES INFORMATION

7. On 10 May 2023, DMIRS received an email from the State Solicitor's Office (SSO) requesting the preparation of a spreadsheet which sets out the royalties received by the State from the FMG Respondents (**Royalties Spreadsheet**) in respect of the following 9 mining leases:
 - (a) M 47/1409-I;
 - (b) M 47/1411-I;
 - (c) M 47/1413-I;
 - (d) M 47/1431-I;
 - (e) M 47/1453-I;
 - (f) M 47/1473-I;
 - (g) M 47/1475-I;
 - (h) M 47/1513-I;
 - (i) M 47/1570-I.
8. From my examination of DMIRS' records, I am aware that each of the mining leases referred to in paragraph [7] above are held by FMG Pilbara Pty Ltd and form part of (but not the entirety of)



the Solomon Hub Project, which has been assigned the DMIRS project name “Solomon – Greater Solomon” and project code “J01646-A”.

9. From my examination of DMIRS' records, I am also aware that:
- (a) no active mining is currently occurring (or has occurred) on M 47/1473-I or M 47/1570-I; and
 - (b) M 47/1513-I is a “dead” tenement, having been surrendered on 31 March 2020 in favour of the grant of M 47/1570-I.
10. Based on my review of Tenement Quick Appraisals generated from one of DMIRS' online systems, I am aware that:
- (a) with the exception of mining leases M 47/1409-I and M 47/1411-I, all of the mining leases referred to in paragraph [7] above fall entirely within the Yindjibarndi #1 native title determination area;
 - (b) mining lease M 47/1409-I falls partly within the Yindjibarndi #1 native title determination area (73.9% encroachment) and partly within the Eastern Guruma native title determination area (25.77% encroachment); and
 - (c) mining lease M 47/1411-I falls partly within the Yindjibarndi #1 native title determination area (5.07% encroachment) and partly within the Eastern Guruma native title determination area (94.93% encroachment).

Copies of the Tenement Quick Appraisals for M 47/1409-I, M 47/1411-I, M 47/1413-I, M 47/1431-I; M 47/1453-I, M 47/1473-I, M 47/1475-I, M 47/1513-I and M 47/1570-I are annexed to this affidavit as “**JS1**”.

11. For the purpose of producing the Royalties Spreadsheet referred to in paragraph [7] above, I have disregarded mining leases M 47/1473-I, M 47/1513-I and M 47/1570-I on the basis that no iron ore has been extracted or obtained from these tenements to date and no royalties have therefore been paid. I refer to the remainder of the mining leases listed in paragraph [7] above (i.e. M 47/1409-I, M 47/1411-I, M 47/1413-I, M 47/1431-I, M 47/1453-I and M 47/1475-I) collectively in this affidavit as the “**Relevant Tenements**”.
12. From my examination of DMIRS' records, I am aware that, in addition to the mining leases referred to at paragraph [7] above, there are a number of other live mining leases associated with the “Solomon – Greater Solomon” project (J01646-A). Of those tenements, iron ore is being





extracted or obtained from (and royalties are therefore being paid in respect of) mining lease M 47/1474-I only.

13. Based on my review of the Tenement Quick Appraisal for M 47/1474-I, I am aware that mining lease M 47/1474-I does not intersect the Yindjibarndi #1 native title determination area. A copy of the Tenement Quick Appraisal for M 47/1474-I is annexed to this affidavit as "JS2". I refer to M 47/1474-I in this affidavit as the "**Non-Relevant Tenement**".
14. In preparing this affidavit, I have had regard to r 96 of the Mining Regulations, which restricts the public release of mining information. "Mining information" relevantly includes information contained in a production report furnished under r 85A(1) or (2) of the Mining Regulations, irrespective of when the report was filed, furnished or otherwise given (r 96(1)(a)(iv)); and "any other information relating to mining supplied to the Minister, a warden or an official of the Department under the Act irrespective of when the information was supplied" (r 96(1)(b)).
15. Much, if not all, of the information I have relied upon to prepare the Royalties Spreadsheet is captured by the definition of "mining information" in r 96. I am aware that, pursuant to r 96(2)(a), SSO has therefore sought the written consent of FMG Pilbara Pty Ltd to the publication of the mining information contained in this affidavit.

ROYALTIES FRAMEWORK

Overview

16. As the legal owner of all "minerals" (as that term is defined in s 8 (1) of the Mining Act) within the geographical limits of Western Australia, the State is entitled to receive a payment which is in the nature of a "royalty" for transferring its right to extract those minerals.
17. Western Australia's current royalty system was introduced in 1981. There are two systems used to collect mineral royalties:
 - (a) Specific rate royalties which are used for low value construction and industrial minerals (iron ore does not fall within this category). A specific rate royalty is calculated as a flat rate per tonne of the relevant mineral produced or obtained. These rates are indexed every 5 years to reflect price movements over the preceding 5 years; and
 - (b) Ad valorem royalties which are calculated as a proportion (percentage) of the total 'royalty value' of the mineral. The royalty value is broadly calculated as the quantity of the mineral in the form in which it is first sold, multiplied by the price in that form, minus any allowable deductions. Under the ad valorem system, one of three royalty rates apply depending on

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the form in which the mineral is sold, and the extent to which it is processed within Western Australia:

- (i) 7.5% of the royalty value if sold as crushed or screened (i.e. subject to limited treatment);
 - (ii) 5.0% of the royalty value if sold as concentrate material (i.e. subject to substantial enrichment through a concentration plant); and
 - (iii) 2.5% of the royalty value if sold in metallic form or equivalent processing.
18. In some cases, such as iron ore which is not exported, an alternative value applies (e.g., Steel Markets Daily/Platts) (not applicable to iron ore produced at the Solomon Hub Project: see paragraph [37(d)] below).
19. The royalty obligations of the holders of mining tenements are explained in further detail below, in the context of the statutory framework of the Mining Act and Mining Regulations.

Mining Act provisions

20. Section 162(1) of the Mining Act provides a general power to prescribe a system for the payment of royalties. Pursuant to s 109(1) of the Mining Act, in the exercise of the power to make regulations under s 162, the Governor may by regulation:
- (a) *prescribe how, by whom, and at what rate, or differentiating rates, royalties shall be paid in respect of minerals or any class of minerals, obtained from land that is the subject of a mining lease or other mining tenement granted under this Act, or that is the subject of an application for the grant of a mining lease or other mining tenement under this Act; and*
 - (b) *exempt, subject to conditions or unconditionally, any person or class of persons from payment either generally, or in any class of case, or in any particular case, from payment of royalty so prescribed; and*
 - (c) *provide for penalties, including penalties for continuing offences, for contravention of the requirements of this Act in relation to royalties and the furnishing of information relevant to the assessment of royalties.*
21. In addition, s 109(2) of the Mining Act provides that regulations made under s 162 may empower the Minister:
- (a) *to determine by what method a value shall be placed on a mineral or a class of minerals for the purpose of assessing the rate of royalty that shall be paid, and in so doing to take into account market factors, including pricing methods and merchandising practices; and*
 - (b) *to exercise a discretion as to the basis on which a rate of royalty shall be applied, taking into account particular circumstances.*

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Mining Regulations provisions

22. The powers to prescribe regulations under ss 109 and 162 of the Mining Act support the making of a number of provisions in the Mining Regulations. Relevantly, Division 5 of Part V of the Regulations sets out the obligations of tenement holders in relation to the payment of royalties and the furnishing of information in relation thereto.

Production Reports

23. Pursuant to r 85A(1) and (2) of the Mining Regulations, the holder of a mining tenement is required to lodge quarterly ***production reports*** (in the form approved by the Minister) with the Director General of Mines. Production reports record the quantity of the mineral that has been produced or obtained from a mining tenement. They are required to be produced within 30 days after the expiry of each quarter. The term “quarter” means any of the 3 monthly period of any year ending on 31 March, 30 June, 30 September or 31 December.
24. Production reports may be provided to DMIRS by lodging an electronic version of it via DMIRS' website (r 85A(4) Mining Regulations).

Royalty Returns

25. The obligation on a holder of a mining tenement to pay royalties to the State arises under r 86(1) of the Mining Regulations. Regulation 86(1) provides, in effect, that when any of the minerals prescribed in r 86 are obtained from a mining tenement, royalties must be paid by the holder of the mining tenement. The rate of royalty to be paid for any particular mineral is also contained in r 86. This is discussed further below.
26. Regulation 86A of the Mining Regulations provides the time period within which, depending on the particular mineral, the holder of a mining tenement is to pay a royalty. Pursuant to r 85B(1), the holder of a mining tenement must, within the period in which the royalty is to be paid under r 86A, forward to DMIRS a ***royalty return***, in a form approved by the Minister.
27. Regulation 85B(1) provides that the royalty return must include the full details required to calculate the royalty, including the following information where relevant:
- (a) *the quantity of the mineral;*
 - (b) *details, including relevant terms and other parties involved, of any sale of the mineral;*
 - (c) *the value, or royalty value, of the mineral;*
 - (d) *the gross invoice value of the mineral and when it was paid;*
 - (daa) *any allowable deductions for the mineral;*





- (dab) in the case of iron ore, any shipping costs;
 - (da) in the case of a royalty part-payment under regulation 86A, the method of calculating the royalty part-payment and details of the amount of the relevant part-payment of gross invoice value and when it was paid;
 - (e) in the case of a mineral other than gold, the rate of royalty used where that rate is different from the rate set out opposite the mineral in the Table to regulation 86.
28. The terms “**gross invoice value**”, “**royalty value**” and “**shipping costs**” are defined in r 85 and are discussed further below under the heading “*Rate of Royalty*”.
29. As with a production report, royalty returns may be provided to DMIRS by lodging an electronic version of it by means of DMIRS' website (r 85B(4) Mining Regulations).
30. Although royalty payments are the result of a self-assessment process undertaken by the tenement holder, royalty returns and payments by FMG Pilbara Pty Ltd are assessed by DMIRS on a regular basis (approximately every 6 months). The Mining Act contains extensive provisions in relation to the verification of royalties, as set out in s 109A of that Act.

Rate of Royalty

31. The rate of royalty applicable for particular minerals is determined pursuant to r 86 of the Mining Regulations. In relation to iron ore, these are, relevantly:
- (a) 5% of the **royalty value** for “beneficiated iron ore”. Beneficiated iron ore is iron ore that has been improved, concentrated or upgraded in some way (other than by crushing or screening) so as to increase its value; or
 - (b) 7.5% of the **royalty value** for crushed or screened iron ore.
32. Regulation 86AD(2) defines the **royalty value** of iron ore as follows:

The royalty value of iron ore is —

- (a) *if the first sale of the ore by the tenement holder is effected by delivery onto or from a ship exporting the ore from Australia (as evidenced by a bill of lading and the invoices relating to the sale and export of the ore) — the **gross invoice value** of the ore less **shipping costs** for the ore; or*
- (b) *in any other case —*
 - (i) *the reference amount for the ore; or*
 - (ii) *if the Minister makes a determination under subregulation (2A), the value worked out using the method determined under that subregulation.*

(Emphasis added)

33. **Gross invoice value** (in relation to a mineral) is defined in r 85 of the Mining Regulations. It is, in simplest terms, the amount (in \$AUD) obtained by multiplying the quantity of the mineral (in






the form in which it is first sold) by the price for the mineral (as set out in the invoices relating to the sale).

34. **Shipping costs** (for iron ore) are defined in r 86AD(1) of the Mining Regulations. They are certain costs (in \$AUD) which are reasonably incurred after the **shipment date** in relation to the exportation (i.e. shipping) of the iron ore by the person liable to pay the royalty. They include freight costs (adjusted for certain factors), dead freight costs, marine and cargo insurance costs and bunkering costs.
35. In relation to minerals exported from Australia, the **shipment date** is defined in r 85(1) of the Mining Regulations as the day on which the aircraft or ship transporting the mineral first leaves port in Western Australia.

MINING OPERATIONS AT SOLOMON HUB

36. With respect to the FMG Respondents' mining operations at Solomon Hub, I am aware, based on my experience in overseeing and reviewing royalty assessments of FMG Pilbara Pty Ltd that:
- (a) the relevant mineral being extracted from the Relevant Tenements (and the Non-Relevant Tenement) is iron ore;
 - (b) after extraction, the iron ore is crushed and screened, with the lower quality ore then taken for further processing at a beneficiation plant;
 - (c) the crushed and screened ore is then blended with the beneficiated ore so that a desirable grade and quality of iron ore is achieved; and
 - (d) all iron ore produced or obtained from the Relevant Tenements (and the Non-Relevant Tenement) is then transported by rail to the port at Port Hedland for export.
37. Given the circumstances as set out in paragraph [36] above:
- (a) the first **sale** point for royalty value occurs on the **shipment date** of the ore, being the day on which the ship transporting the ore first leaves Port Hedland;
 - (b) the terms of the first sale are evidenced by a bill of lading and the invoices relating to the sale and export of the ore;
 - (c) the **royalty value** of the iron ore obtained from the Relevant Tenements (and the Non-Relevant Tenement) is calculated in accordance with r 86AD(2)(a) of the Mining Regulations; that is, it is calculated on the **gross invoice value** of the iron ore, less **shipping costs** for the ore;





- (d) the alternative process for determining royalty value set out in r 86AD(2)(b) of the Mining Regulations has no relevant operation in calculating the royalty value of the iron ore in question (because the first sale of iron ore from the Solomon Hub is always effected by delivery onto a ship exporting the ore from Australia);
- (e) the royalty value of each sale is then divided by the total tonnes of each sale to achieve a royalty value per tonne. Each sale will have a portion of tonnes which attract a 7.5% royalty rate (crushed and screened) and a portion of tonnes which attract a 5% royalty rate (beneficiated); and
- (f) the royalties payable by FMG Pilbara Pty Ltd for a quarterly royalty period are therefore calculated as the aggregate of the royalty for each sale.

ROYALTIES MANAGEMENT SYSTEM & ROYALTIES ONLINE

- 38. To assist in monitoring and administering royalties, DMIRS uses the Royalties Management System (Royalties Online). As noted at paragraphs [24] and [29] above, rr 85A(4) and 85B(4) of the Mining Regulations contemplate that production reports and royalty returns may be provided to DMIRS by lodging electronic versions by means of DMIRS' website. Royalties Online is the system DMIRS uses for Western Australian mineral and petroleum producers to electronically prepare, lodge and view royalty returns and production reports.
- 39. Production reports are required to be submitted with DMIRS on a tenement basis (see discussion at paragraph [23] above in relation to the requirements of r 85A(1) of the Mining Regulations). There is, however, no corresponding legislative (or administrative) requirement for royalty returns to be lodged on a tenement basis.
- 40. Rather, it has become the accepted practice in Western Australia for the State's major mineral producers (such as FMG Pilbara Pty Ltd) to lodge their royalty returns by reference to the project name (in this case, "Solomon – Greater Solomon") and project code (in this case, "J01646-A") which (as is the case here) often captures multiple mining tenements.
- 41. Examples of a production report and a royalty return lodged by FMG Pilbara Pty Ltd are contained in Figures 1 and 2 respectively below. The figures are screen captures from Royalties Online and are provided for illustrative purposes only. In the case of the production report (at Figure 1), it does not represent the entirety of the report lodged for the period April – June 2023.


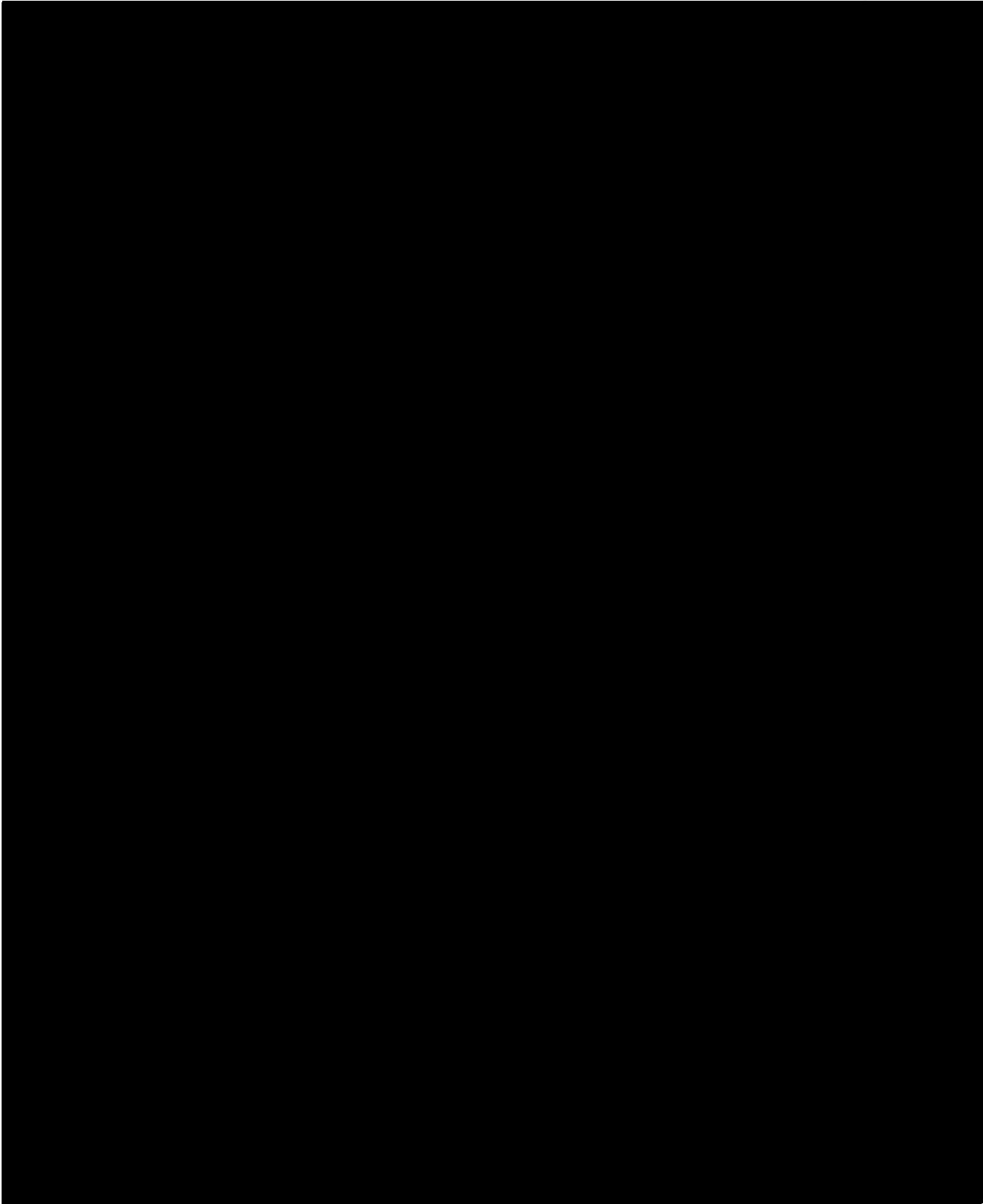
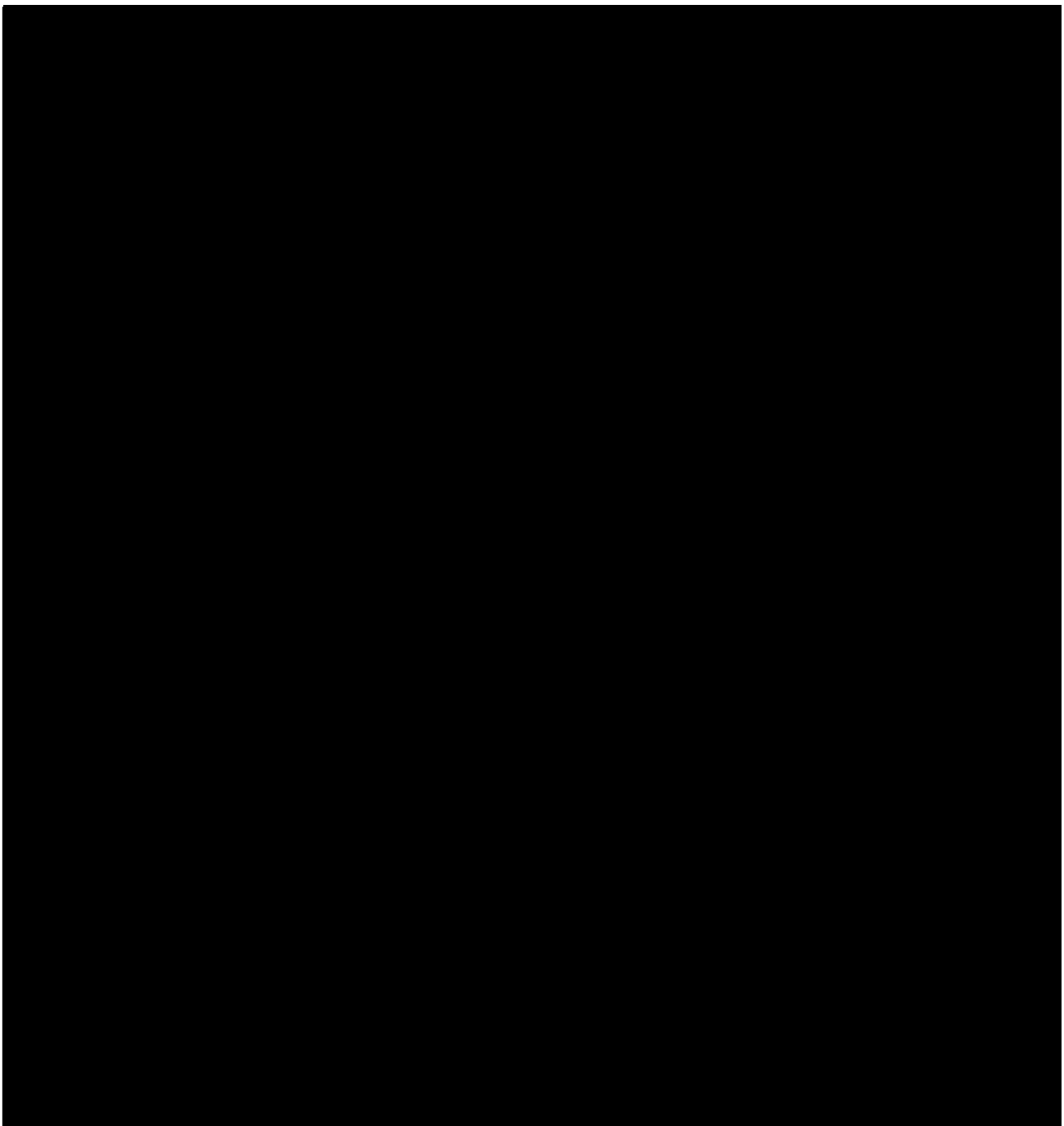


Figure 1: Screen capture from Royalties Online of a Production Report (part only)



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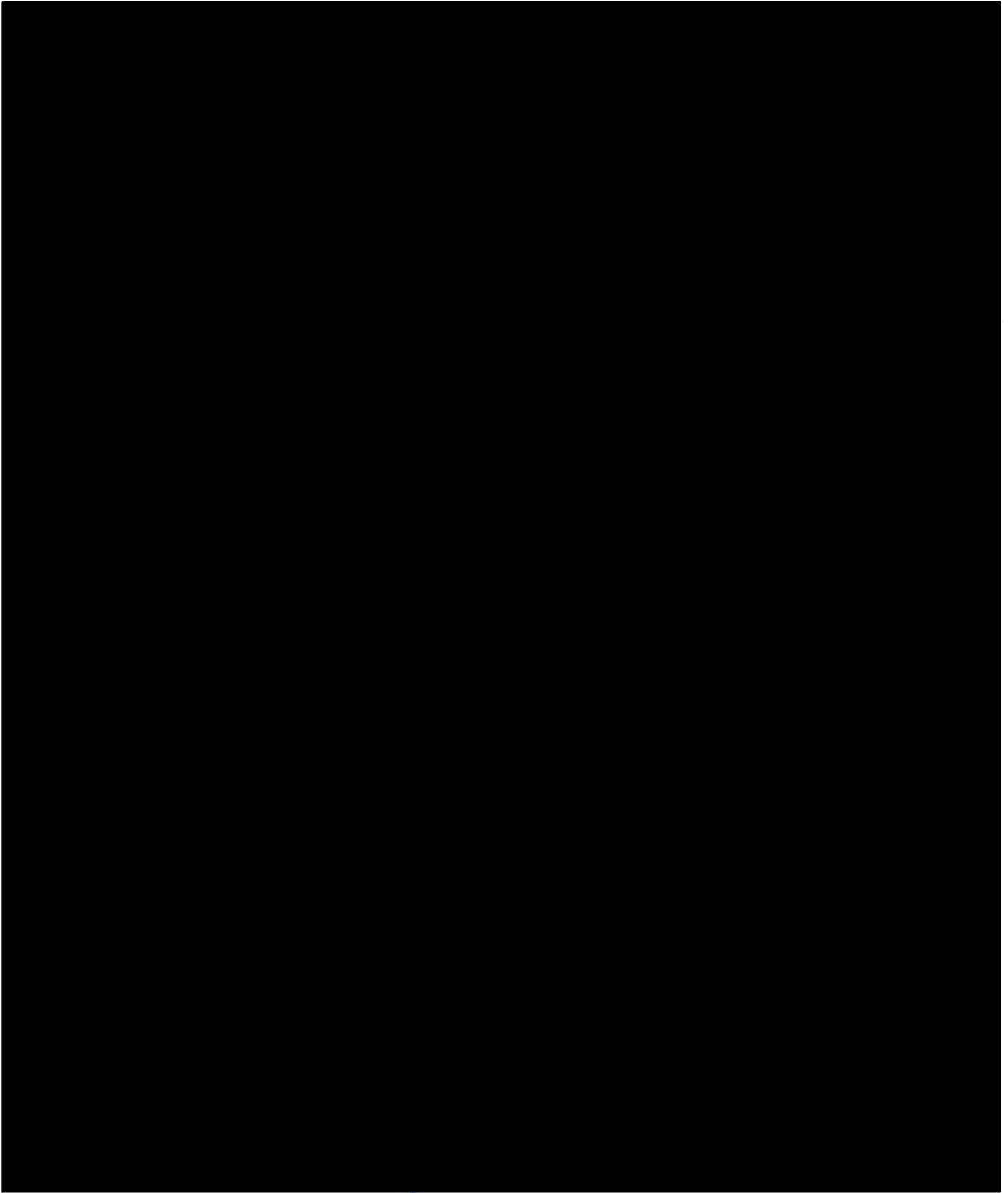
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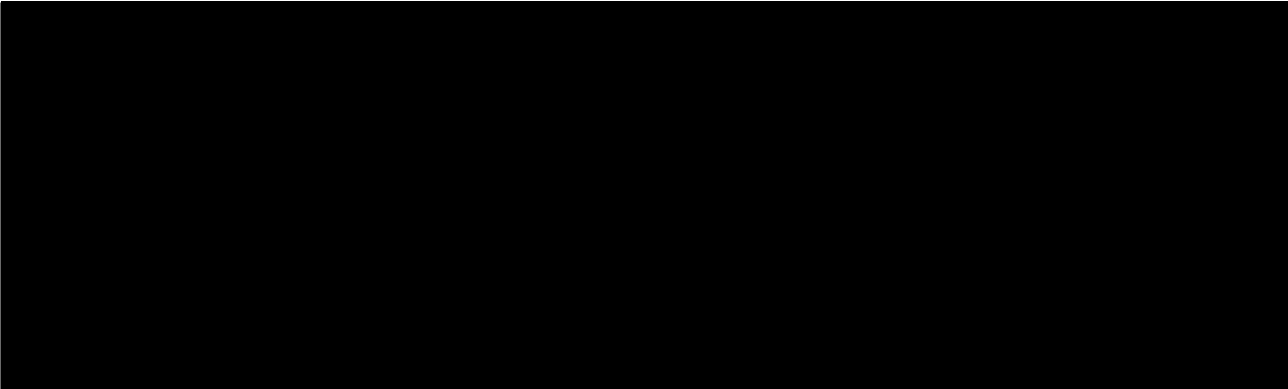
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Figure 2: Screen capture from Royalties Online of a Royalty Return



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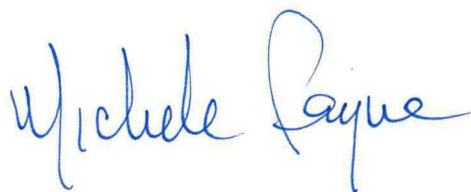
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42. Various reports can be generated within DMIRS' Royalties Management System, including a **Quantity & Value Report**, which collates, within the one document, various information from a tenement holder's royalty returns.
43. For the purpose of preparing the Royalties Spreadsheet, I generated a Quantity & Value Report which contains information from all of the royalty returns lodged in Royalties Online by FMG Pilbara Pty Ltd in respect of the "Solomon – Greater Solomon" project (J01646-A) covering the period commencing in the September quarter of 2014 and ending in the June quarter of 2023. A copy of the Quantity & Value Report is annexed to this affidavit at "JS3".
44. Relevantly, the Quantity & Value Report contains the following information for each quarter:
- (a) the quantity (in tonnes) of iron ore sold from the whole of the "Solomon – Greater Solomon" project area, differentiated in terms of whether the ore is:
 - (i) beneficiated fine or beneficiated lump (being the "beneficiated" iron ore referred to in the Mining Regulations which attracts the 5% royalty rate); or
 - (ii) fine or lump (being the "crushed or screened" iron ore referred to in the Mining Regulations which attracts the 7.5% royalty rate);
 - (b) the gross value of the iron ore, which is the same as the "*gross invoice value*" referred to in the Mining Regulations;
 - (c) the royalty payable, which is a calculated figure of gross value minus deductions and then multiplied by the appropriate royalty rate percentage;
 - (d) deductions, which are the "*shipping costs*" referred to in the Mining Regulations; and
 - (e) unit value, which is the gross value divided by the quantity (of tonnes).

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45. Another type of report that can be generated within the Royalties Management System is a **Management Production Report** which collates, within the one document, information from a tenement holder's production reports relating to a project.
46. For the purposes of preparing the Royalties Spreadsheet, I also generated a Management Production Report which contains information from all of the production reports lodged in Royalties Online by FMG Pilbara Pty Ltd in respect of the "Solomon – Greater Solomon" project (J01646-A) covering the period commencing in the September quarter of 2014 and ending in the June quarter of 2023. A copy of the Management Production Report is annexed to this affidavit at "JS4".
47. Relevantly, the Management Production Report contains, in respect of each quarter, the total quantity ("volume") and grade of ore mined from each Relevant Tenement and the Non-Relevant Tenement. Note that:
- (a) up until the June 2017 quarter:
 - (i) the "unit of measurement" ("UOM") is in tonnes; and
 - (ii) the volume and grade of the ore was reported according to whether the iron ore was crushed/screened ore (referred to in the Management Production Report as "Iron Ore – Fine" and "Iron Ore – Lump") or beneficiated ore (referred to in the Management Production Report as "Iron Ore – Beneficiated Fine" and "Iron Ore – Beneficiated Lump"). The sum of the figures in the "Contained" column in respect of each tenement per quarter equals the figure in the "Volume" column;
 - (b) after the June 2017 quarter:
 - (i) the UOM changes to million tonnes (shown as "Mt"); and
 - (ii) the volume and grade of the ore was simply reported in terms of the iron content of the ore expressed as the percentage of iron ore per tonne of ore. The resultant "Contained" amount is a calculated figure of "Volume" times "Grade".
48. The reporting changes referred to in paragraph [47(b)(ii)] above relate to requirements from other areas within DMIRS which use the production report information. However, the data I used for the pro-rata calculation described below originates from the "Volume" column which has not changed (apart from being reported in million tonnes rather than just tonnes).





METHODOLOGY USED IN PRODUCING ROYALTIES SPREADSHEET

Overview

49. The form in which royalties information is collected and held by DMIRS (i.e. on a project basis, rather than a tenement basis) does not easily lend itself to the seamless production of material evidencing the royalties received by the State from FMG Pilbara Pty Ltd in respect of each of the Relevant Tenements.
50. In order to produce the evidence required, it was necessary to take the information provided by FMG Pilbara Pty Ltd in its production reports and royalty returns and apportion the royalty payments across the Relevant Tenements and the Non-Relevant Tenement. Broadly, this has been achieved by extracting the tonnage information from the quarterly production reports for each of the Relevant Tenements and the Non-Relevant Tenement and then applying a pro-rata calculation to the corresponding quarterly royalty payment for the project. A more detailed explanation of the methodology is set out below.

Limitations

51. The methodology employed in producing the Royalties Spreadsheet necessarily introduces a level of inaccuracy, due to the fact that royalties are based on sales, not production. The following factors affect the reliability of the Royalties Spreadsheet:
- (a) It is not uncommon for the first sale of iron ore to occur in a later quarter to the quarter in which the production report was submitted. This means that there may be a timing difference between the quarter in which the ore was produced and the quarter in which royalties are paid. However, as can be seen from the Management Production Report and Royalties Spreadsheet, mining usually takes place on a tenement for a long period of time so this timing difference effect would, in my opinion, be immaterial.
- (b) It is also not uncommon for iron ore which has been obtained or produced from one Relevant Tenement to be blended with iron ore which has been obtained or produced from another Relevant Tenement (or non-Relevant Tenement). Blending is a common process within the iron ore industry and results in a characteristically consistent style of ore which is more saleable. There are small differences in the ore assay and overall quality between mining tenements which would have a small effect on sales value.
- (c) As noted at paragraphs [12] and [13] above, mining lease M 47/1474-I is part of the "Solomon – Greater Solomon" project, however M 47/1474-I does not fall within the Yindjibarndi #1 native title determination area (and is therefore considered a Non-Relevant

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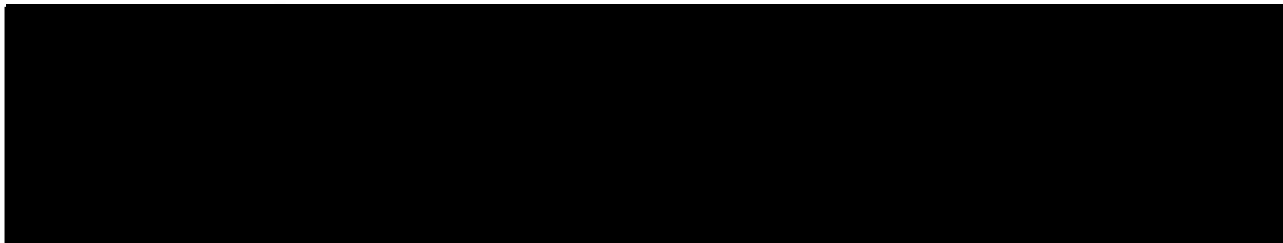
Tenement). In producing the Royalties Spreadsheet, it has not been possible to disregard the production and royalties data associated with mining lease M 47/1474-I. This is because the Quantity & Value Report (Annexure “JS3”) and the Management Production Report (Annexure “JS4”) – which provide the relevant source data upon which the Royalties Spreadsheet has been prepared – collate data from *all* of the ore-producing tenements within the “Solomon – Greater Solomon” project (J01646-A). As such, it is not possible to eliminate particular tenements from the Quantity & Value Report or the Management Production Report.

- (d) The calculations in the Royalties Spreadsheet do not take account of the fact that two of the Relevant Tenements only fall *partly* within the Yindjibarndi #1 determination area (see paragraphs [10(b)] and [10(c)] above).
- (e) Data obtained from FMG Pilbara Pty Ltd's quarterly production reports (upon which I have relied for the purposes of producing the Royalties Spreadsheet) is not checked for accuracy during royalty audits conducted by DMIRS (this is because royalty payments are based on sales, rather than production).

Methodology steps

- 52. Using data from the September 2014 quarter as an example, I have set out below the steps that were taken to create the Royalties Spreadsheet. Each step described relates to a separate spreadsheet that is annexed to this affidavit.
- 53. The **first step** involved in preparing the Royalties Spreadsheet was to produce a Quantity & Value Report (see paragraph [42] above) in the Royalties Management System. A copy of the Quantity & Value Report produced is annexed to this affidavit as “JS3”.
- 54. In the Quantity & Value Report, I identified the figures in the “Royalty Payable” column, as highlighted in Figure 3 below:

Figure 3: Extract from Quantity & Value Report (data from September 2014 quarter)



- 55. As is evident from Figure 3 (see rows 6, 7, 8 and 9) each quarter in the Quantity & Value Report does not have a single “Royalty Payable” figure. Rather each quarter has 4 separate entries in the

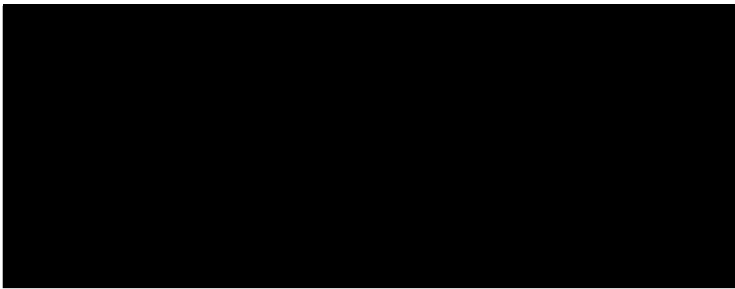
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[Signature]

“Royalty Payable” column depending on the type of mineral ore (“beneficiated fine”, “beneficiated lump”, “fine” and “lump”) with a figure for the royalty paid against each mineral ore type. The mineral ore types are listed in the “Mineral” column.

56. The **second step** involved in preparing the Royalties Spreadsheet was to create a Pivot Table in an Excel spreadsheet which combined the royalties paid for each of the individual mineral ore types in a particular quarter to determine the total royalties paid for that quarter, as demonstrated in Figure 4 below.

Figure 4: Extract from Pivot Table of the Quantity & Value Report (data from September 2014 quarter)



57. [REDACTED]

58. A copy of the Pivot Table of the Quantity & Value Report is annexed to this affidavit as “**JS5**”.

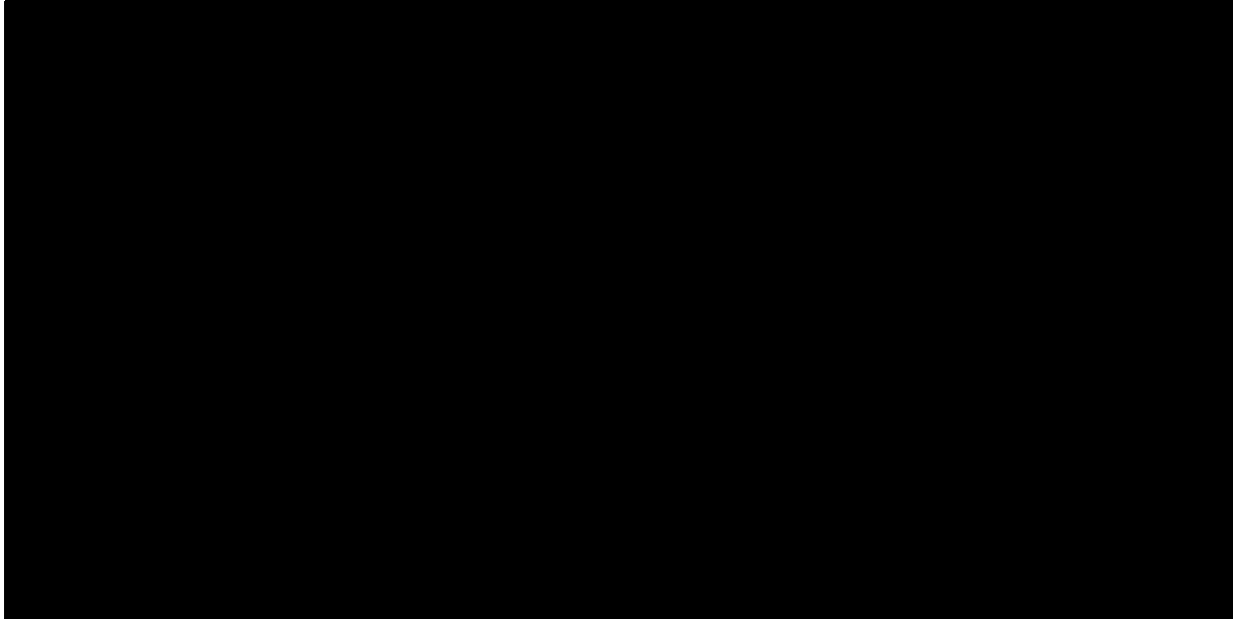
59. The **third step** involved in preparing the Royalties Spreadsheet was to produce a Management Production Report (see paragraphs [45] – [48] above) in the Royalties Management System. A copy of the Management Production Report produced is annexed to this affidavit as “**JS4**”.

60. In the Management Production Report, I identified the total “Volume” of ore taken from each Relevant Tenement and the Non-Relevant Tenement per quarter, as highlighted in yellow in Figure 5 below:

Michele Payne

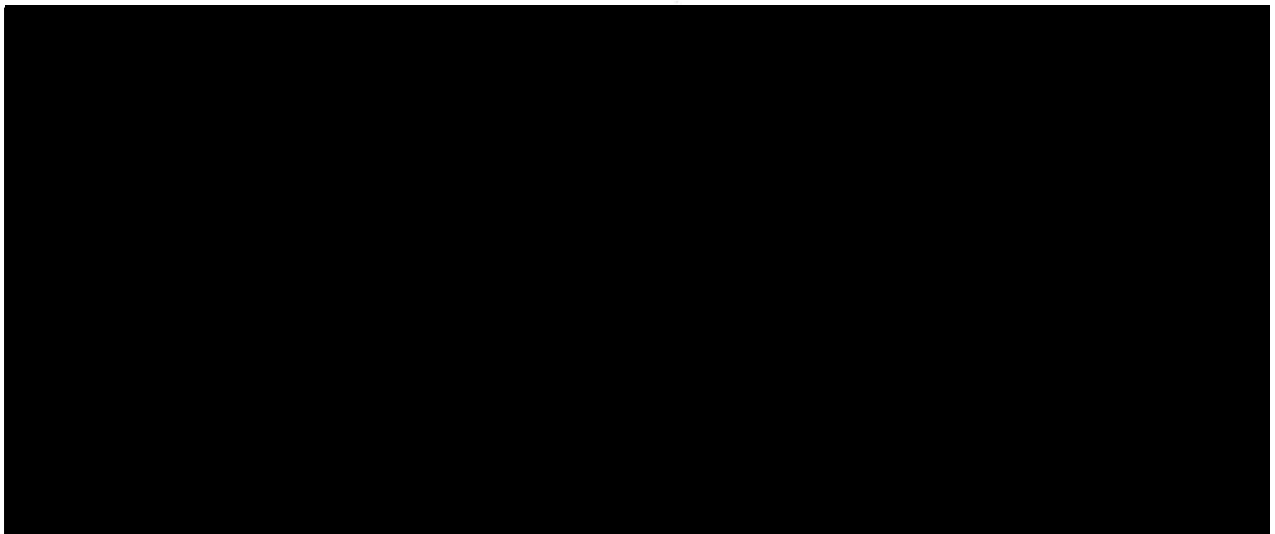
Arum.

Figure 5: Extract from Management Production Report (data from September 2014 quarter)



61. The **fourth** step involved in preparing the Royalties Spreadsheet was to create another Pivot Table in an Excel spreadsheet which, as highlighted in Figure 6 below:
- (a) recorded, for each quarter, the “Volume” of ore produced from each Relevant Tenement and the Non-Relevant Tenement; and
 - (b) totalled the “Volume” of ore produced across all Relevant Tenements and the Non-Relevant Tenement in any quarter to give a “Grand Total” of ore produced per quarter.

Figure 6: Extract from Pivot Table of the Management Production Report



Michelle Payne

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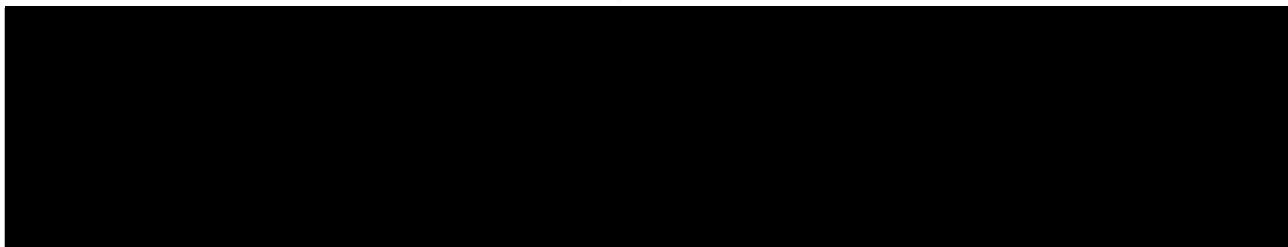
62. [REDACTED]

63. A copy of the Pivot Table of the Management Production Report is annexed to this affidavit as "JS6".

64. The **fifth** step involved in preparing the Royalties Spreadsheet involved two calculations.

65. First, I determined the percentage of total production by quarter for each Relevant Tenement and the Non-Relevant Tenement, as demonstrated in Figure 7(a) below:

Figure 7(a): Extract from Calculations Table (% of total production for each tenement)



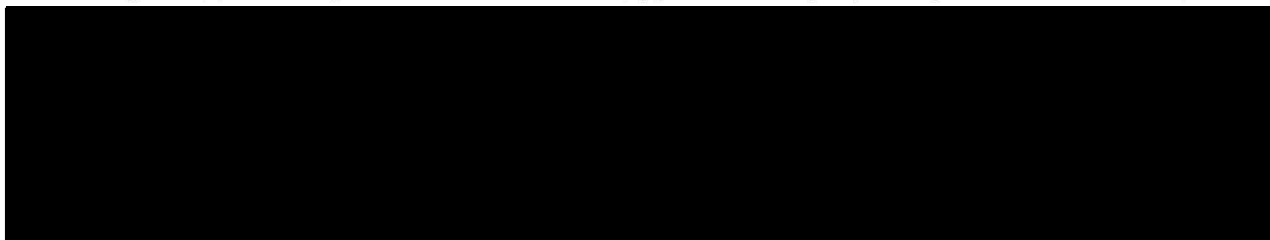
66. [REDACTED]

67. The second calculation I made was to apportion the total royalty paid in any quarter across the Relevant Tenements and the Non-Relevant Tenement based on the percentage of ore that the tenement had produced in that quarter. This was done by taking the "Sum of Royalty Payable" column from the Pivot Table of the Quantity & Value Report I produced earlier (see paragraph [56] and Figure 4 above) and then multiplying the total royalties paid for the quarter with the percentage of total production for that quarter for each tenement, as demonstrated in Figure 7(b) below:

Michelle Payne

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Figure 7(b): Extract from Calculations Table (apportionment of royalties paid across tenements)

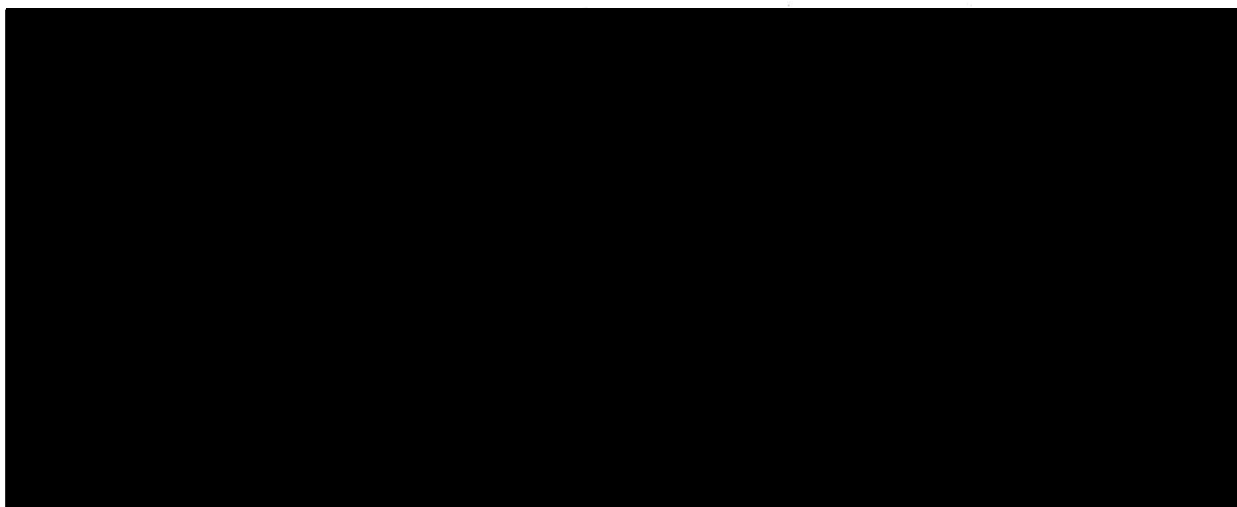


68. [REDACTED]

69. A copy of my Calculations Table is annexed to this affidavit as "JS7".

70. The **sixth** step, as demonstrated in Figure 8 below, was to copy and paste the royalty figures assigned to each of the Relevant Tenements and the Non-Relevant Tenement in the Calculations Table into the Royalties Spreadsheet, a copy of which is annexed to this affidavit as "JS8".

Figure 8: Extract from the Royalties Spreadsheet (Relevant and Non-Relevant Tenements)

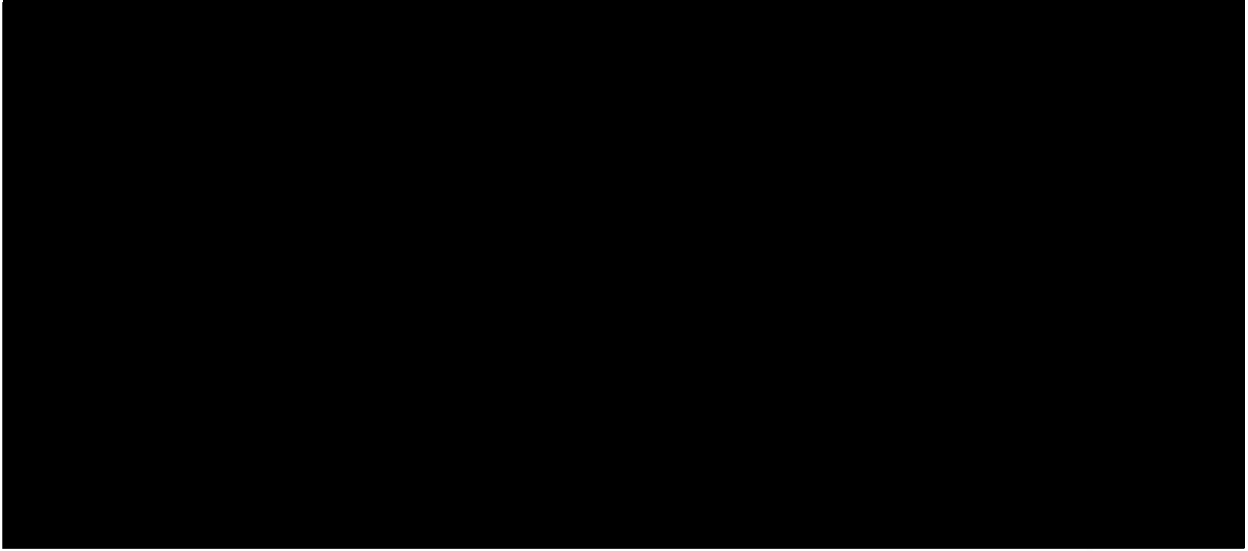


71. The **final** step, as demonstrated in Figure 9 below, was to prepare a second version of the Royalties Spreadsheet which only captures the apportionment of royalties against each of the Relevant Tenements, a copy of which is annexed to this affidavit as "JS9".

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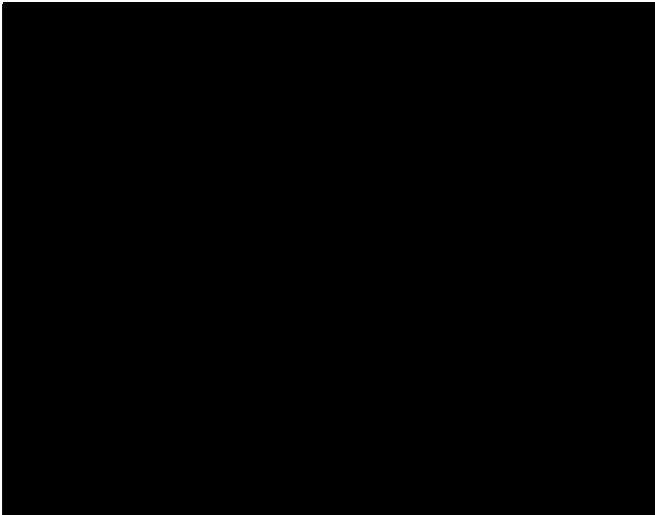
[Signature]

Figure 9: Extract from the Royalties Spreadsheet (Relevant Tenements only)



72.

[Redacted text]



Michele Payne

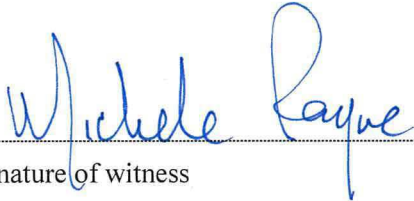
[Signature]

Affirmed by the deponent
at Perth in the State of Western Australia
on 29 September 2023
Before me:

)
)
)
)
)



Signature of deponent



Signature of witness

MICHELE PAYNE

Name

Experienced legal practitioner as
defined in section 8 of the Oaths, Affidavits
and Statutory Declarations Act 2005 (WA)

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

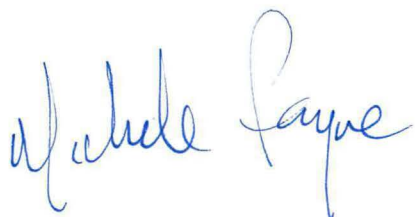
STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS1

TENEMENT QUICK APPRAISALS FOR

**M 47/1409-I, M 47/1411-I, M 47/1413-I, M 47/1431-I, M 47/1453-I, M 47/1473-I, M 47/1475-I,
M 47/1513-I AND M 47/1570-I**





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APPRAISAL ID: M 47/1409-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 24/09/2007 08:42:59
Lodgement Date: 03/10/2007 09:42:00
Object Area: 6860.24 Ha. **Centroid:** (22° 9' 50" S, 117° 53' 46" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	6860.2373HA	100%
NORTH WEST LAND DIVISION	Land Division	6860.2373HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	6860.2373HA	100%
W PILBARA M F 47	Mineral Field Boundaries	6860.2373HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
L 1SA	29/11/2006 15:30:00	THE PILBARA INFRASTRUCTURE PTY LTD	Live	927.3027HA	13.52%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	6860.2354HA	100%
L 47/296	10/07/2008 07:33:59	FMG PILBARA PTY LTD	Live	2.6229HA	0.04%
L 47/381	28/07/2010 17:20:00	FMG PILBARA PTY LTD	Live	7.7461HA	0.11%
L 47/801	25/05/2017 15:20:11	THE PILBARA INFRASTRUCTURE PTY LTD	Live	192.742HA	2.81%
L 47/813	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	577.6326HA	8.42%
L 47/814	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	267.6983HA	3.9%
L 47/919	18/10/2019 09:50:57	FMG PILBARA PTY LTD	Live	267.6982HA	3.9%
L 47/920	18/10/2019 09:51:48	FMG PILBARA PTY LTD	Live	213.6668HA	3.11%
L 47/1034	17/12/2021 14:13:12	PILBARA ENERGY COMPANY PTY LTD	Live	276.5191HA	4.03%
L 47/1035	17/12/2021 14:14:10	PILBARA ENERGY COMPANY PTY LTD	Live	233.5624HA	3.4%
L 47/1058	14/04/2022 10:32:01	PILBARA ENERGY COMPANY PTY LTD	Pending	125.3307HA	1.83%
M 47/1542	21/08/2017 17:01:00	FMG PILBARA PTY LTD	Pending	6860.2373HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/228	03/01/1985 14:30:00	01/07/1985 00:00:00	Surrendered	25/06/1986 23:59:59	Dead	1894.0426HA	27.61%
E 47/229	03/01/1985 14:30:00	01/07/1985 00:00:00	Surrendered	25/06/1986 23:59:59	Dead	388.7468HA	5.67%
E 47/806-I	07/12/1995 13:30:00	10/06/1996 00:00:00	Surrendered	17/05/1999 09:30:00	Dead	1363.6403HA	19.88% ₂₅



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DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/4386	16/06/2020 11:55:33		Withdrawn	11/09/2020 13:37:48	Dead	312.4971HA	4.56%
L 47/295	10/07/2008 07:30:59		Withdrawn	24/04/2012 15:30:00	Dead	4.9912HA	0.07%
L 47/299	10/07/2008 08:38:00	17/05/2010 00:00:00	Surrendered	07/01/2013 15:35:00	Dead	3.3041HA	0.05%
L 47/507	11/04/2011 13:52:00		Withdrawn	04/04/2012 16:00:00	Dead	6.5101HA	0.09%
M 47/1440	08/01/2010 11:40:00		Withdrawn	14/01/2011 15:15:00	Dead	2.104HA	0.03%
M 47/1441	08/01/2010 11:40:00		Withdrawn	24/10/2012 16:15:00	Dead	1564.2184HA	22.8%
M 47/1569	26/03/2018 07:44:00		Withdrawn	30/04/2020 10:35:07	Dead	0.0108HA	<0.01%
TR 70/1807	25/03/1960 00:00:00	17/05/1960 00:00:00	Expired	28/09/1961 00:00:00	Dead	713.8919HA	10.41%
TR 70/2427	29/09/1961 00:00:00	29/03/1962 00:00:00	Cancelled	16/08/1963 00:00:00	Dead	765.5792HA	11.16%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	6850.9397HA	99.86%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	2482.4679HA	36.19%

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
394 432	Historical Pastoral Lease (C)	Lease	Department of Planning, Lands and Heritage	1035.9622HA	15.1%
PL N050483	Pastoral Lease (C) MT FLORANCE	Lease	Department of Planning, Lands and Heritage	983.5557HA	14.34%
Unallocated Crown Land	Unallocated Crown Land:3 Land parcels affected	Cadastral	Landgate	5876.6816HA	85.66%
HSA 102269 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	15.9916HA	0.23%
HSA 102269 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	45.998HA	0.67%
HSA 102543 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4803HA	0.07%
HSA 102673 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4803HA	0.07%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 106586 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	51.0103HA	0.74%
HSA 106602 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.7702HA	0.05%
HSA 106605 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	268.8344HA	3.92%
HSA 106607 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	268.8344HA	3.92%
HSA 17480 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	407.5365HA	5.94%
HSA 200080 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	225.2385HA	3.28%
HSA 200082 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	225.2385HA	3.28%
HSA 200251 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	260.1538HA	3.79%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	151.5121HA	2.21%
HSA 200252 3	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1296HA	<0.01%
HSA 200252 4	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.668HA	0.01%
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	152.3097HA	2.22%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	443.7224HA	6.47%
HSA 200273 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.3595HA	0.05%
HSA 200363 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	225.2385HA	3.28%
HSA 200409 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	119.153HA	1.74%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	152.3097HA	2.22%
HSA 200448 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0667HA	<0.01%
HSA 200449 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.125HA	0.03%
HSA 200500 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	128.6934HA	1.88%
HSA 200502 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	169.3726HA	2.47%
HSA 200503 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3453HA	0.01%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 200503 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.5551HA	0.02%
HSA 200503 3	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.8006HA	0.2%
HSA 200504 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	137.0501HA	2%
HSA 200505 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.8311HA	0.04%
HSA 200506 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.2331HA	<0.01%
HSA 200510 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	266.0482HA	3.88%
HSA 200511 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	162.3649HA	2.37%
HSA 200512 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	63.4919HA	0.93%
HSA 200513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	56.3911HA	0.82%
HSA 200534 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	305.173HA	4.45%
HSA 200642 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	786.8HA	11.47%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4304.8802HA	62.75%
HSA 200644 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	11.3869HA	0.17%
HSA 200645 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	180.7041HA	2.63%
HSA 200646 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	473.6004HA	6.9%
HSA 200647 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	32.5737HA	0.47%
HSA 200648 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	184.7708HA	2.69%
HSA 200649 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	186.9068HA	2.72%
HSA 200745 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	824.925HA	12.02%
HSA 200763 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	138.5753HA	2.02%
HSA 200764 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	22.9207HA	0.33%
HSA 200768 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	330.0429HA	4.81%



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Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 200769 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	56.7828HA	0.83%
HSA 200789 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	47.3497HA	0.69%
HSA 200794 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	48.2938HA	0.7%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	67.2786HA	0.98%
HSA 200967 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	70.774HA	1.03%
HSA 201019 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	121.6552HA	1.77%
HSA 201079 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	12.152HA	0.18%
HSA 201084 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	50.6199HA	0.74%
HSA 201158 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	24.9196HA	0.36%
HSA 201161 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	22.4145HA	0.33%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	47.3395HA	0.69%
HSA 201538 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.023HA	<0.01%
HSA 23050 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2683.232HA	39.11%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6835.2931HA	99.64%
HSA 23884 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0005HA	<0.01%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5016.35HA	73.12%
HSA 24150 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0685HA	<0.01%
HSA 24155 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	330.1373HA	4.81%
HSA 24156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	330.1373HA	4.81%
HSA 24157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.2437HA	0.02%
HSA 24158 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.7702HA	0.05%
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	103.5182HA	1.51%



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APPRAISAL ID: M 47/1409-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 24/09/2007 08:42:59
Lodgement Date: 03/10/2007 09:42:00
Object Area: 6860.24 Ha. **Centroid:** (22° 9' 50" S, 117° 53' 46" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 24213 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	43.8071HA	0.64%
HSA 24251 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6121HA	0.01%
HSA 24266 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	482.4862HA	7.03%
HSA 24267 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.7767HA	0.01%
HSA 27014 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	101.1959HA	1.48%
HSA 27055 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0952HA	<0.01%
HSA 27059 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0937HA	<0.01%
HSA 27200 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	140.2203HA	2.04%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	457.4387HA	6.67%
HSA 27204 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0005HA	<0.01%
HSA 27430 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	268.7782HA	3.92%
HSA 27431 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.8481HA	0.01%
HSA 27488 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0485HA	0.02%
HSA 27525 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0642HA	<0.01%
HSA 27656 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	20.2454HA	0.3%
HSA 27657 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.9742HA	0.16%
HSA 27658 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.9742HA	0.16%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	959.7947HA	13.99%
HSA 27856 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	104.4145HA	1.52%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2316.0456HA	33.76%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2043.5765HA	29.79%
HSA 27908 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.7021HA	0.02%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 27909 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.7021HA	0.02%
HSA 27954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0886HA	<0.01%
HSA 27960 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0675HA	0.02%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0059HA	<0.01%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0059HA	<0.01%
HSA 28194 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	140.2203HA	2.04%
HSA 28500 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	168.3112HA	2.45%
HSA 28514 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1767.3499HA	25.76%
HSA 28515 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	69.6183HA	1.01%
HSA 28516 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	69.6183HA	1.01%
HSA 28586 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	330.0429HA	4.81%
HSA 28588 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6860.2265HA	100%
HSA 28590 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	41.0573HA	0.6%
HSA 28591 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	316.6962HA	4.62%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0091HA	<0.01%
HSA 28894 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	363.4609HA	5.3%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5561.2575HA	81.07%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	457.4387HA	6.67%
HSA 28953 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	268.5549HA	3.91%
HSA 28958 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.282HA	0.02%
HSA 28964 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.2861HA	<0.01%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
CPL 3	CALM PURCHASED FORMER LEASES PART MT FLORENCE P/L 3114/465	Special Category Land	Dept. of Biodiversity, Conservation and Attractions	29.8486HA	0.44%
FNA 14406	FILE NOTATION AREA PROPOSED CONSTRUCTION OF A SPECIAL RAILWAY LICENCE UNDER THE "RAILWAY AND PORT (THE PILBARA INFRASTRUCTURE PTY LTD) AGREEMENT ACT 2004"	Special Category Land	DEPT. OF JOBS, TOURISM, SCIENCE AND INNOVATION/DEPT. OF MINES, INDUSTRY REGULATION AND SAFETY	927.3028HA	13.52%
FNA 9775	FILE NOTATION AREA DEC PURCHASED EX PASTORAL LEASE - PART MT FLORENCE PL 3114/465.	Special Category Land	DEPT OF ENVIRONMENT AND CONSERVATION/REF:PETER SHARP	0.4338HA	0.01%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	6860.2373HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	6860.2373HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	6860.2373HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6208/1998	EASTERN GURUMA(WCD2007/001)	WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC PO BOX 1883, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE	Native Title Determinations	1767.941HA	25.77%
					32



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APPRAISAL ID: M 47/1409-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 24/09/2007 08:42:59
Lodgement Date: 03/10/2007 09:42:00
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Datum: GDA94

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	5069.7533HA	73.9%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2010/005	FMG PILBARA PTY LTD AND WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC(WI2010/005)	FMG PILBARA PTY LTD ADDRESS NOT PROVIDED ADDRESS NOT PROVIDED	ILUA Areas	1566.5433HA	22.84%
WI2001/001	HAMERSLEY IRON PTY LTD EASTERN GURUMA(WI2001/001)	GURUMA MALI WARTU ABORIGINAL CORPORATION CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE THE STATE OF WESTERN AUSTRALIA DEPARTMENT OF PREMIER AND CABINET, L28, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE PETER STEVENS, NELSON HUGHES & EVA CONNORS 7 TOURNAY COURT, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE HAMERSLEY IRON PTY LIMITED LEVEL 22, CENTRAL PARK, 152 ST GEORGES TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE RIO TINTO EXPLORATION PTY LIMITED C/- PO BOX 175, BELMONT, WA, 6984 SAME AS CORRESPONDENCE	ILUA Areas	1767.9027HA	25.77%
WI2007/001	PILBARA IRON - EASTERN GURUMA BODY CORPORATE ILUA(WI2007/001)	HAMERSLEY IRON PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6837 SAME AS CORRESPONDENCE THE STATE OF WESTERN AUSTRALIA	ILUA Areas	1767.9027HA	25.77%



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Tenement Status: Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 24/09/2007 08:42:59
Lodgement Date: 03/10/2007 09:42:00
Object Area: 6860.24 Ha. **Centroid:** (22° 9' 50" S, 117° 53' 46" E)
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ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
		C/- OFFICE OF NATIVE TITLE, GOVERNOR STIRLING TOWER, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6000 SAME AS CORRESPONDENCE WINTAWARI GURUMA ABORIGINAL CORPORATION C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE EASTERN GURUMA REPRESENTATIVES C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE GURUMA MALI WARTU ABORIGINAL CORPORATION CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	5092.3346HA	74.23%



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ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
		THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines and Mineral Deposits	Crusher 2,Kings Crushing Hub 2, (Proposed)
1	Mines and Mineral Deposits	East TSF,Solomon East Tailings Storage Facility East, (Proposed)
1	Mines and Mineral Deposits	Kings Conveyor,Kings Conveyor, (Proposed)
1	Mines and Mineral Deposits	Trinity 02 WRD,Trinity 02 Waste Dump, (Proposed)
1	Mines and Mineral Deposits	Zion,Zion, (Proposed)
1	Mines Operating or Under Development	Borrow Pit 1,Borrow Pit 1 - Solomon, (Operating)
1	Mines Operating or Under Development	Borrow Pit 2,Borrow Pit 2 - Solomon, (Operating)
1	Mines Operating or Under Development	Comms Tower,Solomon East Communications Tower, (Operating)
1	Mines Operating or Under Development	Kings,Kings-Solomon, (Operating)
1	Mines Operating or Under Development	ROM Borrow Pit,ROM Pad Borrow Pit - Solomon, (Operating)
1	Mines Operating or Under Development	Satellite DID OPF1,Kings Satellite Coarse and Fine DID OPF 1, (Under Development)
1	Mines Operating or Under Development	Satellite DID OPF2,Kings Satellite Coarse and Fine DID OPF 2, (Under Development)
1	Mines Operating or Under Development	Trinity - Solomon,Trinity - Solomon, (Operating)
1	Mines Operating or Under Development	West TSF1,Solomon East Tailings Storage Facility West TSF1, (Operating)
10	Building	
2	Cultural Line Feature	ConveyorBelt



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SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Partial Tenement Survey	Former ML4SA Sec150
1	Partial Tenement Survey	Former ML4SA Sec151
1	Partial Tenement Survey	Former ML4SA Sec152
1	Partial Tenement Survey	Former ML4SA Sec63
1	Partial Tenement Survey	Former ML4SA Sec64
1	Partial Tenement Survey	Former ML4SA Sec67 (Partial Surr.)
2	Road Network	Main, Nanutarra Rd, MRWA
13	Road Network	Minor
7	Road Network	Minor, Tom Price Railway Rd, LGA
7	Road Network	Track
1	Standard Survey Marks	JM 49
28	Watercourse Line	
4	Watercourse Line	KANGEENARINA CREEK

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	6860. 2373HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	6860. 2373HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	6860. 2373HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
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ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	3509.4394HA	100%
NORTH WEST LAND DIVISION	Land Division	3509.4394HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	3509.4394HA	100%
W PILBARA M F 47	Mineral Field Boundaries	3509.4394HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/1333-I	18/11/2003 08:50:00	FMG PILBARA PTY LTD	Live	0.0137HA	<0.01%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	3509.4394HA	100%
L 47/351	11/11/2009 09:05:00	FMG PILBARA PTY LTD	Live	143.6953HA	4.09%
M 47/1541	21/08/2017 17:03:00	FMG PILBARA PTY LTD	Pending	3509.4394HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/227	03/01/1985 14:30:00	01/07/1985 00:00:00	Surrendered	25/06/1986 23:59:59	Dead	433.8839HA	12.36%
E 47/228	03/01/1985 14:30:00	01/07/1985 00:00:00	Surrendered	25/06/1986 23:59:59	Dead	3075.5554HA	87.64%
E 47/806-I	07/12/1995 13:30:00	10/06/1996 00:00:00	Surrendered	17/05/1999 09:30:00	Dead	2248.2341HA	64.06%
M 47/1440	08/01/2010 11:40:00		Withdrawn	14/01/2011 15:15:00	Dead	3295.5253HA	93.9%
TR 70/1807	25/03/1960 00:00:00	17/05/1960 00:00:00	Expired	28/09/1961 00:00:00	Dead	3509.4394HA	100%
TR 70/2310	18/08/1961 00:00:00	29/03/1962 00:00:00	Cancelled	16/08/1963 00:00:00	Dead	117.9212HA	3.36%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	3509.4394HA	100%
TR 70/6485	08/06/1976 00:00:00	09/02/1977 00:00:00	Cancelled	22/05/1978 00:00:00	Dead	15.4043HA	0.44%



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
WR 9	MILLSTREAM WATER RESERVE (WEST PILBARA)	Reserve	Department of Water and Environmental Regulation	2974.6372HA	84.76%
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	3509.4394HA	100%
HSA 102543 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	8.4249HA	0.24%
HSA 102673 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	8.4249HA	0.24%
HSA 106586 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	59.5079HA	1.7%
HSA 17480 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	153.1467HA	4.36%
HSA 200244 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	22.8961HA	0.65%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.1786HA	0.06%
HSA 200389 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	199.2261HA	5.68%
HSA 200409 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.463HA	0.1%
HSA 200449 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.394HA	0.1%
HSA 200500 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.3976HA	0.1%
HSA 200510 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	279.5615HA	7.97%
HSA 200511 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	353.0757HA	10.06%
HSA 200512 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1114.5411HA	31.76%
HSA 200763 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	152.7436HA	4.35%
HSA 200764 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	24.0453HA	0.69%
HSA 200765 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	783.3466HA	22.32%
HSA 200766 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	173.4178HA	4.94%
HSA 200768 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	783.3466HA	22.32%
HSA 200769 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1117.1537HA	31.83%
HSA 200787 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1343HA	<0.01% ₃₈



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 201158 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	102.5298HA	2.92%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	70.2963HA	2%
HSA 201163 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.5617HA	0.3%
HSA 23050 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3494.7811HA	99.58%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	183.2774HA	5.22%
HSA 24266 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	356.8711HA	10.17%
HSA 24267 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.6026HA	0.13%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0006HA	<0.01%
HSA 28514 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3331.2791HA	94.92%
HSA 28587 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	154.6793HA	4.41%
HSA 28588 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3509.4358HA	100%
HSA 28589 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	146.5167HA	4.17%
HSA 28591 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.7707HA	0.39%
HSA 28875 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0006HA	<0.01%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	97.0416HA	2.77%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	3509.4394HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	3509.4394HA	100%



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
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Datum: GDA94

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	3509.4394HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6208/1998	EASTERN GURUMA(WCD2007/001)	WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC PO BOX 1883, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE	Native Title Determinations	3331.5131HA	94.93%
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	177.9263HA	5.07%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2010/005	FMG PILBARA PTY LTD AND WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC(WI2010/005)	FMG PILBARA PTY LTD ADDRESS NOT PROVIDED ADDRESS NOT PROVIDED	ILUA Areas	3295.5181HA	93.9%
WI2001/001	HAMERSLEY IRON PTY LTD EASTERN GURUMA(WI2001/001)	GURUMA MALI WARTU ABORIGINAL CORPORATION CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE THE STATE OF WESTERN AUSTRALIA DEPARTMENT OF PREMIER AND CABINET, L28, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE PETER STEVENS, NELSON HUGHES & EVA CONNORS	ILUA Areas	3331.4988HA	94.93%



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
		7 TOURNAY COURT, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE			
		HAMERSLEY IRON PTY LIMITED LEVEL 22, CENTRAL PARK, 152 ST GEORGES TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
		RIO TINTO EXPLORATION PTY LIMITED C/- PO BOX 175, BELMONT, WA, 6984 SAME AS CORRESPONDENCE			
WI2007/001	PILBARA IRON - EASTERN GURUMA BODY CORPORATE ILUA(WI2007/001)	HAMERSLEY IRON PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6837 SAME AS CORRESPONDENCE	ILUA Areas	3331.4988HA	94.93%
		THE STATE OF WESTERN AUSTRALIA C/- OFFICE OF NATIVE TITLE, GOVERNOR STIRLING TOWER, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
		ROBE RIVER MINING CO. PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
		WINTAWARI GURUMA ABORIGINAL CORPORATION C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
		EASTERN GURUMA REPRESENTATIVES C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
		GURUMA MALI WARTU ABORIGINAL CORPORATION			



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
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Datum: GDA94

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
		CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	177.9405HA	5.07%

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage	
no intersections						
Pre-1994 Leases				Description	Encroached Area	Encroached Percentage
no intersections						

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				



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APPRAISAL ID: M 47/1411-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 15/11/2007 08:55:00
Lodgement Date: 16/11/2007 10:27:00
Object Area: 3509.44 Ha. **Centroid:** (22° 8' 21" S, 117° 47' 8" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines Operating or Under Development	Kings Res Group,Kings and Queens Resources Group, (Operating)
1	Mines Operating or Under Development	Queens Crushing and Conveyor,Queens Crushing and Conveyor Facility, (Operating)
1	Mines Operating or Under Development	Queens,Queens, (Operating)
1	Partial Tenement Survey	(Partial Surr.) Former ML4SA Sec66
1	Partial Tenement Survey	Former ML4SA Sec65
1	Partial Tenement Survey	Former ML4SA Sec68
1	Road Network	Minor, Tom Price Railway Rd, LGA
1	Standard Survey Marks	JM 48
18	Watercourse Line	

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	3509.4394HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	3509.4394HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	3509.4394HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1413-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/12/2007 09:14:00
Lodgement Date: 14/12/2007 14:26:00
Object Area: 1043.69 Ha. **Centroid:** (22° 6' 55" S, 117° 55' 3" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	1043.6931HA	100%
NORTH WEST LAND DIVISION	Land Division	1043.6931HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	1043.6931HA	100%
W PILBARA M F 47	Mineral Field Boundaries	1043.6931HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	1043.6931HA	100%
L 47/361	05/03/2010 08:05:00	FMG PILBARA PTY LTD	Live	0.0042HA	<0.01%
L 47/362	04/03/2010 13:40:00	FMG PILBARA PTY LTD	Live	1043.6889HA	100%
M 47/1546	22/08/2017 12:28:00	FMG PILBARA PTY LTD	Pending	1043.6931HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/350	11/11/2009 10:55:00		Withdrawn	04/04/2012 16:00:00	Dead	0.0094HA	<0.01%
L 47/355	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	1043.6837HA	100%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	1043.6931HA	100%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	1019.1682HA	97.65%

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	1043.6931HA	100%
HSA 106605 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	484.9624HA	46.47%
HSA 106607 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	484.9624HA	46.47%



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APPRAISAL ID: M 47/1413-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/12/2007 09:14:00
Lodgement Date: 14/12/2007 14:26:00
Object Area: 1043.69 Ha. **Centroid:** (22° 6' 55" S, 117° 55' 3" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 200080 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.1021HA	0.3%
HSA 200082 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.1021HA	0.3%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	66.7488HA	6.4%
HSA 200252 4	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0257HA	<0.01%
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	66.7745HA	6.4%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	118.4235HA	11.35%
HSA 200271 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	155.3602HA	14.89%
HSA 200363 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.1021HA	0.3%
HSA 200409 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	7.2192HA	0.69%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	66.7745HA	6.4%
HSA 200447 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	158.5379HA	15.19%
HSA 200447 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	38.2313HA	3.66%
HSA 200449 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	17.6283HA	1.69%
HSA 200500 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	105.7635HA	10.13%
HSA 200506 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1554HA	0.01%
HSA 200507 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.7137HA	0.16%
HSA 200513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1789HA	0.02%
HSA 200535 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	42.3308HA	4.06%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.4056HA	0.13%
HSA 201079 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1411HA	0.01%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1043.6931HA	100%
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	89.2418HA	8.55%



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APPRAISAL ID: M 47/1413-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/12/2007 09:14:00
Lodgement Date: 14/12/2007 14:26:00
Object Area: 1043.69 Ha. **Centroid:** (22° 6' 55" S, 117° 55' 3" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 24251 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1866HA	0.02%
HSA 27014 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	32.1664HA	3.08%
HSA 27100 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6972HA	0.07%
HSA 27200 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	42.1802HA	4.04%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	51.7375HA	4.96%
HSA 27375 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0143HA	<0.01%
HSA 27430 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	50.9953HA	4.89%
HSA 27431 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.7982HA	0.36%
HSA 27487 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	152.5172HA	14.61%
HSA 27488 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.6419HA	0.25%
HSA 27525 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0584HA	0.01%
HSA 27569 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.1251HA	0.2%
HSA 27659 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.1353HA	0.2%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.2727HA	0.22%
HSA 27887 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0483HA	<0.01%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.4054HA	0.13%
HSA 27912 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0087HA	<0.01%
HSA 27954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.018HA	<0.01%
HSA 27955 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.018HA	<0.01%
HSA 28132 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	93.9287HA	9%
HSA 28133 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	87.7473HA	8.41%
HSA 28134 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	46.7889HA	4.48%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 28194 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	42.1802HA	4.04%
HSA 28588 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1043.6931HA	100%
HSA 28634 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	368.6142HA	35.32%
HSA 28693 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	368.6142HA	35.32%
HSA 28894 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	24.0165HA	2.3%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	978.6075HA	93.76%
HSA 28926 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	368.6142HA	35.32%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	50.9884HA	4.89%
HSA 28933 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	118.664HA	11.37%
HSA 28953 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.125HA	0.11%
HSA 28955 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	89.9302HA	8.62%
HSA 28958 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3241HA	0.03%
HSA 28964 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.8442HA	1.33%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	1043.6931HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	1043.6931HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	1043.6931HA	100%



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Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	1043.6931HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	1043.6931HA	100%

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			



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PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines and Mineral Deposits	Firetail Landfill, Firetail North Landfill, (Proposed)
1	Mines Operating or Under Development	Env Group, Solomon East Environmental Group, (Operating)
1	Mines Operating or Under Development	Firetail North, Firetail North, (Operating)
1	Mines Operating or Under Development	Large Borrow Pit, Firetail Large Borrow Pit - Solomon, (Operating)
1	Cultural Line Feature	ConveyorBelt
1	Partial Tenement Survey	Former ML4SA Sec63
11	Road Network	Minor
6	Watercourse Line	

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	1043. 6931HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	1043. 6931HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	1043. 6931HA	100%

---END OF REPORT---



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Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 22/07/2009 17:05:00
Lodgement Date: 23/07/2009 14:19:00
Object Area: 2959.22 Ha. **Centroid:** (22° 8' 5" S, 117° 55' 46" E)
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ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	2959.2155HA	100%
NORTH WEST LAND DIVISION	Land Division	2959.2155HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	2959.2155HA	100%
W PILBARA M F 47	Mineral Field Boundaries	2959.2155HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
L 1SA	29/11/2006 15:30:00	THE PILBARA INFRASTRUCTURE PTY LTD	Live	235.4467HA	7.96%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	2959.2155HA	100%
L 47/361	05/03/2010 08:05:00	FMG PILBARA PTY LTD	Live	813.4244HA	27.49%
L 47/362	04/03/2010 13:40:00	FMG PILBARA PTY LTD	Live	2132.1391HA	72.05%
L 47/697	07/05/2013 16:30:00	PILBARA GAS PIPELINE PTY LTD	Live	10.7695HA	0.36%
L 47/814	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	192.0093HA	6.49%
L 47/859	30/10/2018 15:35:31	PILBARA ENERGY COMPANY PTY LTD	Live	5.9723HA	0.2%
L 47/901	13/03/2019 12:39:50	PILBARA ENERGY (GENERATION) PTY LTD	Live	10.5629HA	0.36%
L 47/909	10/06/2019 13:25:12	DDG FORTESCUE RIVER PTY LTD TEC PILBARA PTY LTD	Pending	6.3271HA	0.21%
L 47/914	20/08/2019 11:01:42	PILBARA ENERGY COMPANY PTY LTD	Live	15.7493HA	0.53%
L 47/919	18/10/2019 09:50:57	FMG PILBARA PTY LTD	Live	192.0094HA	6.49%
L 47/1034	17/12/2021 14:13:12	PILBARA ENERGY COMPANY PTY LTD	Live	190.8827HA	6.45%
M 47/1545	22/08/2017 12:28:00	FMG PILBARA PTY LTD	Pending	2959.2155HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/504-I	03/05/1990 11:55:00	18/05/1991 00:00:00	Surrendered	03/03/1995 09:30:00	Dead	198.5588HA	6.71%
E 47/1985	08/08/2008 12:15:00		Withdrawn	28/07/2011 15:30:00	Dead	588.9051HA	19.9%
L 47/302	10/07/2008 06:50:00	05/06/2009 00:00:00	Surrendered	07/01/2013 15:35:00	Dead	238.9899HA	8.08% 50



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Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
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DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/350	11/11/2009 10:55:00		Withdrawn	04/04/2012 16:00:00	Dead	817.0775HA	27.61%
L 47/354	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	0.0494HA	<0.01%
L 47/355	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	2126.6424HA	71.87%
L 47/845	22/05/2018 15:02:04		Withdrawn	18/10/2019 13:02:04	Dead	15.1559HA	0.51%
L 47/856	15/10/2018 13:40:05		Withdrawn	31/10/2018 14:42:21	Dead	17.0538HA	0.58%
L 47/860	30/10/2018 15:35:31		Withdrawn	18/10/2019 13:02:04	Dead	15.7493HA	0.53%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	2941.825HA	99.41%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	2020.9289HA	68.29%
TR 70/7297	30/08/1979 00:00:00	15/11/1979 00:00:00	Cancelled	30/08/1980 00:00:00	Dead	660.8928HA	22.33%

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
394 432	Historical Pastoral Lease (C)	Lease	Department of Planning, Lands and Heritage	797.1644HA	26.94%
PL N050483	Pastoral Lease (C) MT FLORANCE	Lease	Department of Planning, Lands and Heritage	797.1307HA	26.94%
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	2162.0848HA	73.06%
HSA 106605 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	379.5379HA	12.83%
HSA 106607 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	379.5379HA	12.83%
HSA 200080 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	433.8913HA	14.66%
HSA 200082 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	433.8911HA	14.66%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	8.8575HA	0.3%
HSA 200252 4	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.8529HA	0.06%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.7104HA	0.36%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	103.236HA	3.49%
HSA 200363 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	435.0612HA	14.7%
HSA 200409 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.1036HA	0.04%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.7104HA	0.36%
HSA 200449 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	8.1508HA	0.28%
HSA 200502 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	15.7655HA	0.53%
HSA 200503 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.1263HA	0.07%
HSA 200503 3	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	48.6921HA	1.65%
HSA 200504 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	39.6638HA	1.34%
HSA 200505 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0969HA	0.04%
HSA 200506 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.2087HA	0.01%
HSA 200507 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	48.4347HA	1.64%
HSA 200513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	18.9775HA	0.64%
HSA 200514 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0498HA	<0.01%
HSA 200534 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	47.3229HA	1.6%
HSA 200535 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	205.9536HA	6.96%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	315.0846HA	10.65%
HSA 200647 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	57.3233HA	1.94%
HSA 200648 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	193.9202HA	6.55%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1259HA	<0.01%
HSA 201156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	68.4217HA	2.31%



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Lodgement Date: 23/07/2009 14:19:00
Object Area: 2959.22 Ha. **Centroid:** (22° 8' 5" S, 117° 55' 46" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 201157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	57.5054HA	1.94%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.1051HA	0.07%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6936HA	0.02%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2933.3994HA	99.13%
HSA 24150 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.7325HA	0.06%
HSA 24196 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.1124HA	0.44%
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	90.5147HA	3.06%
HSA 24213 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	12.7284HA	0.43%
HSA 24214 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	22.4899HA	0.76%
HSA 24251 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.2393HA	0.01%
HSA 27014 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	69.1062HA	2.34%
HSA 27055 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6503HA	0.02%
HSA 27059 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6503HA	0.02%
HSA 27100 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0071HA	<0.01%
HSA 27200 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.7968HA	0.47%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	377.3434HA	12.75%
HSA 27430 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0071HA	<0.01%
HSA 27431 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0071HA	<0.01%
HSA 27487 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.6446HA	0.06%
HSA 27525 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0449HA	<0.01%
HSA 27569 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0658HA	<0.01%
HSA 27656 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	19.2524HA	0.65%



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APPRAISAL ID: M 47/1431-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 22/07/2009 17:05:00
Lodgement Date: 23/07/2009 14:19:00
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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 27659 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0665HA	<0.01%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	156.038HA	5.27%
HSA 27856 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	39.1848HA	1.32%
HSA 27887 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0176HA	<0.01%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	315.0842HA	10.65%
HSA 27911 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	11.0983HA	0.38%
HSA 28133 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	56.7785HA	1.92%
HSA 28134 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	18.5299HA	0.63%
HSA 28194 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	13.7968HA	0.47%
HSA 28500 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	193.9034HA	6.55%
HSA 28634 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	252.9848HA	8.55%
HSA 28693 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	252.9848HA	8.55%
HSA 28894 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	189.5678HA	6.41%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2914.7736HA	98.5%
HSA 28926 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	252.9847HA	8.55%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	387.4693HA	13.09%
HSA 28933 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6.6169HA	0.22%
HSA 28953 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	21.2914HA	0.72%
HSA 28954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	274.0825HA	9.26%
HSA 28955 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	265.8923HA	8.99%
HSA 28958 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.9389HA	0.03%
HSA 28964 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3108HA	0.01%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
FNA 16738	FILE NOTATION AREA PROPOSED EASEMENT TO SUPPORT THE OPERATION AND MAINTENANCE OF PETROLEUM GAS PIPELINE (FRGP), CITY OF KARRATHA, SHIRE OF ASHBURTON. SECTION 16(3) CLEARANCE	Special Category Land	DEPT. OF PLANNING, LANDS AND HERITAGE	6.3286HA	0.21%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	2959.2155HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	2959.2155HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	2959.2155HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	2959.2155HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000	ILUA Areas	2959.2155HA	100%



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APPRAISAL ID: M 47/1431-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
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ILUA Subject Name Matter ID	ILUA Title	Description	Encroached Area	Encroached Percentage
	SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
PL 105	PPA69 Pipeline Licence PPA69 Pipeline Licence	AGI FORTESCUE RIVER PTY LIMITED TEC PILBARA PTY LTD	6.3271HA	0.21%

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description	
1	Mines and Mineral Deposits	BID-DID Plant,Solomon East BID-DID Processing Plant, (Proposed)	
1	Mines and Mineral Deposits	CID Plant,Solomon East CID Processing Plant, (Proposed)	
1	Mines and Mineral Deposits	ENV,Pilbara Energy Generation Power Station Environmental Group, (Proposed)	
1	Mines and Mineral Deposits	PEG Power Station,Pilbara Energy Generation Power Station, (Proposed)	56



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SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines and Mineral Deposits	Solomon Substation,Solomon Substation, (Proposed)
1	Mines Operating or Under Development	Crusher 1,Kings Crushing Hub 1, (Operating)
1	Mines Operating or Under Development	Crusher 3,Firetail Crushing Hub 3, (Operating)
1	Mines Operating or Under Development	Firetail Conveyor,Firetail Conveyor, (Operating)
1	Mines Operating or Under Development	Firetail South,Firetail South, (Operating)
1	Mines Operating or Under Development	Landfill,Stockyards Landfill, (Under Development)
1	Mines Operating or Under Development	Satellite BID OPF,Firetail South Satellite Fine BID OPF, (Under Development)
1	Mines Operating or Under Development	Solomon East Power Station,Solomon East Power Station and Fortescue River Gas Pipeline, (Operating)
1	Mines Operating or Under Development	Stockyards and Rail Loop,Solomon East Stockyards and Rail Loop, (Operating)
23	Building	
9	Cultural Line Feature	ConveyorBelt
1	Partial Tenement Survey	Former ML4SA Sec63
1	Partial Tenement Survey	Former ML4SA Sec64
1	Railway Line	Operational
25	Road Network	Minor
14	Watercourse Line	
1	Watercourse Line	KANGEENARINA CREEK

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	2959. 2155HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	2959. 2155HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	2959. 2155HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1453-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/10/2010 17:15:00
Lodgement Date: 22/10/2010 16:16:00
Object Area: 726.49 Ha. **Centroid:** (22° 9' 23" S, 117° 55' 30" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
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ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	726.4899HA	100%
NORTH WEST LAND DIVISION	Land Division	726.4899HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	726.4899HA	100%
W PILBARA M F 47	Mineral Field Boundaries	726.4899HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	726.4899HA	100%
L 47/362	04/03/2010 13:40:00	FMG PILBARA PTY LTD	Live	0.0025HA	<0.01%
L 47/363	04/03/2010 14:25:00	FMG PILBARA PTY LTD	Live	726.4899HA	100%
L 47/814	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	0.1308HA	0.02%
L 47/919	18/10/2019 09:50:57	FMG PILBARA PTY LTD	Live	0.1308HA	0.02%
L 47/1034	17/12/2021 14:13:12	PILBARA ENERGY COMPANY PTY LTD	Live	4.3268HA	0.6%
M 47/1543	21/08/2017 16:52:00	FMG PILBARA PTY LTD	Pending	726.4899HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/350	11/11/2009 10:55:00		Withdrawn	04/04/2012 16:00:00	Dead	0.0054HA	<0.01%
L 47/354	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	720.1204HA	99.12%
L 47/355	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	3.0148HA	0.41%
L 47/507	11/04/2011 13:52:00		Withdrawn	04/04/2012 16:00:00	Dead	2.3054HA	0.32%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	726.4899HA	100%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	722.1265HA	99.4%



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LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	726.4899HA	100%
HSA 106605 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.011HA	<0.01%
HSA 106607 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.011HA	<0.01%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6.1397HA	0.85%
HSA 200252 3	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0849HA	0.01%
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6.2247HA	0.86%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.3675HA	0.46%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6.2247HA	0.86%
HSA 200501 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	27.7291HA	3.82%
HSA 200503 3	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	12.8924HA	1.77%
HSA 200504 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	92.9963HA	12.8%
HSA 200506 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.153HA	0.02%
HSA 200534 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.4804HA	0.2%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	409.3536HA	56.35%
HSA 200645 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4723HA	0.62%
HSA 200646 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.2301HA	0.31%
HSA 200745 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	9.6591HA	1.33%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	34.9722HA	4.81%
HSA 201008 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.3029HA	0.59%
HSA 201156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4155HA	0.61%
HSA 201157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	28.4793HA	3.92%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0457HA	0.14%



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Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	726.4899HA	100%
HSA 24196 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	36.5196HA	5.03%
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.4037HA	0.06%
HSA 24213 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	27.8623HA	3.84%
HSA 24214 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	124.2714HA	17.11%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.9349HA	0.27%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.9346HA	0.27%
HSA 27856 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	61.4821HA	8.46%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	206.7134HA	28.45%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	191.7667HA	26.4%
HSA 27954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0619HA	0.01%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.2218HA	0.17%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.2218HA	0.17%
HSA 28590 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.8545HA	0.67%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0001HA	<0.01%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	726.4899HA	100%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.9349HA	0.27%
HSA 28953 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.3205HA	0.46%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	726.4899HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	726.4899HA	100%



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APPRAISAL ID: M 47/1453-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/10/2010 17:15:00
Lodgement Date: 22/10/2010 16:16:00
Object Area: 726.49 Ha. **Centroid:** (22° 9' 23" S, 117° 55' 30" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	726.4899HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	726.4899HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	726.4899HA	100%



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APPRAISAL ID: M 47/1453-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 13/10/2010 17:15:00
Lodgement Date: 22/10/2010 16:16:00
Object Area: 726.49 Ha. **Centroid:** (22° 9' 23" S, 117° 55' 30" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					
Pre-1994 Leases			Description	Encroached Area	Encroached Percentage
no intersections					

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines Operating or Under Development	Dump,Kings Waste Dump, (Operating)
1	Partial Tenement Survey	Former ML4SA Sec63
3	Watercourse Line	

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	726. 4899HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	726. 4899HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	726. 4899HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1473-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 05/11/2011 07:50:00
Lodgement Date: 14/11/2011 14:25:00
Object Area: 485.13 Ha. **Centroid:** (22° 6' 14" S, 117° 54' 27" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	485.1286HA	100%
NORTH WEST LAND DIVISION	Land Division	485.1286HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	485.1286HA	100%
W PILBARA M F 47	Mineral Field Boundaries	485.1286HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	485.1286HA	100%
L 47/362	04/03/2010 13:40:00	FMG PILBARA PTY LTD	Live	186.7266HA	38.49%
M 47/1549	22/08/2017 12:40:00	FMG PILBARA PTY LTD	Pending	485.1286HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/355	08/01/2010 09:15:00		Withdrawn	03/05/2011 15:16:00	Dead	186.2551HA	38.39%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	485.1286HA	100%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	485.1286HA	100%

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	485.1286HA	100%
HSA 200127 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	485.1286HA	100%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.6372HA	1.16%
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.6372HA	1.16%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.2006HA	1.07%



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APPRAISAL ID: M 47/1473-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 05/11/2011 07:50:00
Lodgement Date: 14/11/2011 14:25:00
Object Area: 485.13 Ha. **Centroid:** (22° 6' 14" S, 117° 54' 27" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 200271 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	46.7131HA	9.63%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.6372HA	1.16%
HSA 200447 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	418.4941HA	86.26%
HSA 200447 2	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0001HA	<0.01%
HSA 200449 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0648HA	0.01%
HSA 200515 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.4143HA	0.5%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.1936HA	1.07%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.2598HA	0.05%
HSA 201156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1104HA	0.02%
HSA 201157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3167HA	0.07%
HSA 201158 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1467HA	0.03%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	485.1285HA	100%
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	30.6057HA	6.31%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0008HA	0.21%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	36.1551HA	7.45%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	227.4747HA	46.89%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.1936HA	1.07%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	485.0947HA	99.99%
HSA 28133 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.4477HA	0.71%
HSA 28134 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.4048HA	0.5%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	485.0947HA	99.99%
HSA 28588 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.017HA	<0.01%



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APPRAISAL ID: M 47/1473-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 05/11/2011 07:50:00
Lodgement Date: 14/11/2011 14:25:00
Object Area: 485.13 Ha. **Centroid:** (22° 6' 14" S, 117° 54' 27" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	183.5158HA	37.83%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.0008HA	0.21%
HSA 28933 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.3222HA	0.89%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	485.1286HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	485.1286HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	485.1286HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	485.1286HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE	ILUA Areas	485.1286HA	100%



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APPRAISAL ID: M 47/1473-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 05/11/2011 07:50:00
Lodgement Date: 14/11/2011 14:25:00
Object Area: 485.13 Ha. **Centroid:** (22° 6' 14" S, 117° 54' 27" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ILUA Subject Name Matter ID	ILUA Title	Description	Encroached Area	Encroached Percentage
	ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
	YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			
	THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Partial Tenement Survey	Former ML4SA Sec63
1	Watercourse Line	



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APPRAISAL ID: M 47/1473-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 05/11/2011 07:50:00
Lodgement Date: 14/11/2011 14:25:00
Object Area: 485.13 Ha. **Centroid:** (22° 6' 14" S, 117° 54' 27" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	485. 1286HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	485. 1286HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	485. 1286HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1475-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 13:20:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 525.39 Ha. **Centroid:** (22° 6' 55" S, 117° 50' 42" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	525.385HA	100%
NORTH WEST LAND DIVISION	Land Division	525.385HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	525.385HA	100%
W PILBARA M F 47	Mineral Field Boundaries	525.385HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/1334-I	18/11/2003 08:50:00	FMG PILBARA PTY LTD	Live	0.0044HA	<0.01%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	525.385HA	100%
L 47/925	11/12/2019 10:54:56	FMG PILBARA PTY LTD	Pending	1.5024HA	0.29%
M 47/1554	31/08/2017 08:36:00	FMG PILBARA PTY LTD	Pending	525.385HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/228	03/01/1985 14:30:00	01/07/1985 00:00:00	Surrendered	25/06/1986 23:59:59	Dead	266.274HA	50.68%
E 47/806-I	07/12/1995 13:30:00	10/06/1996 00:00:00	Surrendered	17/05/1999 09:30:00	Dead	4.1507HA	0.79%
L 47/396	13/10/2010 16:30:00	23/05/2012 00:00:00	Surrendered	07/01/2013 15:35:00	Dead	216.0089HA	41.11%
M 47/1304	01/02/2006 12:23:00		Withdrawn	19/09/2008 15:25:00	Dead	0.0044HA	<0.01%
TR 70/1807	25/03/1960 00:00:00	17/05/1960 00:00:00	Expired	28/09/1961 00:00:00	Dead	197.5555HA	37.6%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	525.385HA	100%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	221.0325HA	42.07%



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APPRAISAL ID: M 47/1475-I

Tenement Status: Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 13:20:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 525.39 Ha. **Centroid:** (22° 6' 55" S, 117° 50' 42" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	525.385HA	100%
HSA 17480 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	6.3393HA	1.21%
HSA 200080 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	37.9532HA	7.22%
HSA 200082 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	37.9532HA	7.22%
HSA 200127 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	525.385HA	100%
HSA 200251 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	39.5374HA	7.53%
HSA 200252 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	29.537HA	5.62%
HSA 200253 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	29.537HA	5.62%
HSA 200263 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	5.8006HA	1.1%
HSA 200363 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	37.9532HA	7.22%
HSA 200409 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	62.2033HA	11.84%
HSA 200446 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	29.537HA	5.62%
HSA 200513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3234HA	0.06%
HSA 200514 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.029HA	0.01%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	11.0827HA	2.11%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	145.285HA	27.65%
HSA 201019 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	51.6325HA	9.83%
HSA 201158 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4831HA	0.85%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	4.4831HA	0.85%
HSA 201163 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0905HA	0.02%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.5815HA	0.11%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	524.9598HA	99.92% ⁶⁹



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APPRAISAL ID: M 47/1475-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 13:20:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 525.39 Ha. **Centroid:** (22° 6' 55" S, 117° 50' 42" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 24212 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	10.1549HA	1.93%
HSA 27202 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.05HA	0.01%
HSA 27656 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3184HA	0.06%
HSA 27855 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	41.0702HA	7.82%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.7682HA	0.34%
HSA 27888 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	11.0827HA	2.11%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	525.385HA	100%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	525.385HA	100%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0044HA	<0.01%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	435.8919HA	82.97%
HSA 28932 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.05HA	0.01%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	525.385HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	525.385HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	525.385HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
		no intersections			



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APPRAISAL ID: M 47/1475-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 13:20:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 525.39 Ha. **Centroid:** (22° 6' 55" S, 117° 50' 42" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	525.385HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	525.385HA	100%

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				



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APPRAISAL ID: M 47/1475-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 13:20:00
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Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
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SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines Operating or Under Development	Trinity 01 WRD, Trinity 01 Waste Dump, (Operating)
1	Partial Tenement Survey	Former ML4SA Sec63
1	Partial Tenement Survey	Former ML4SA Sec64
2	Watercourse Line	

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	525. 385HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	525. 385HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	525. 385HA	100%

---END OF REPORT---



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APPRAISAL ID: M 47/1513-I

Tenement Status: Dead **Boundary Type:** Dead
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 12/07/2016 08:32:00
Lodgement Date: 13/07/2016 14:00:58
Object Area: 700.07 Ha. **Centroid:** (22° 10' 9" S, 117° 57' 17" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	700.0668HA	100%
NORTH WEST LAND DIVISION	Land Division	700.0668HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	700.0668HA	100%
W PILBARA M F 47	Mineral Field Boundaries	700.0668HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	700.0668HA	100%
L 47/361	05/03/2010 08:05:00	FMG PILBARA PTY LTD	Live	24.3722HA	3.48%
L 47/367	22/04/2010 13:20:00	FMG PILBARA PTY LTD	Live	700.0668HA	100%
L 47/472	11/04/2011 14:00:00	FMG PILBARA PTY LTD	Live	89.1633HA	12.74%
L 47/814	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	447.2346HA	63.88%
L 47/919	18/10/2019 09:50:57	FMG PILBARA PTY LTD	Live	447.2347HA	63.88%
L 47/1034	17/12/2021 14:13:12	PILBARA ENERGY COMPANY PTY LTD	Live	449.4365HA	64.2%
M 47/1570	26/03/2018 07:47:00	FMG PILBARA PTY LTD	Live	700.0668HA	100%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/350	11/11/2009 10:55:00		Withdrawn	04/04/2012 16:00:00	Dead	24.518HA	3.5%
L 47/368	22/04/2010 14:05:00		Withdrawn	07/08/2014 16:00:00	Dead	89.1635HA	12.74%
L 47/507	11/04/2011 13:52:00		Withdrawn	04/04/2012 16:00:00	Dead	699.4544HA	99.91%
M 47/1569	26/03/2018 07:44:00		Withdrawn	30/04/2020 10:35:07	Dead	700.0599HA	100%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	700.0668HA	100%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	355.5179HA	50.78%
TR 70/7297	30/08/1979 00:00:00	15/11/1979 00:00:00	Cancelled	30/08/1980 00:00:00	Dead	147.8409HA	21.12%



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APPRAISAL ID: M 47/1513-I

Tenement Status: Dead **Boundary Type:** Dead
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 12/07/2016 08:32:00
Lodgement Date: 13/07/2016 14:00:58
Object Area: 700.07 Ha. **Centroid:** (22° 10' 9" S, 117° 57' 17" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
394 432	Historical Pastoral Lease (C)	Lease	Department of Planning, Lands and Heritage	446.3641HA	63.76%
PL N050483	Pastoral Lease (C) MT FLORANCE	Lease	Department of Planning, Lands and Heritage	446.3404HA	63.76%
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	253.7264HA	36.24%
HSA 200501 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	53.8617HA	7.69%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	545.1749HA	77.87%
HSA 200645 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	41.4242HA	5.92%
HSA 200649 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	15.9466HA	2.28%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	24.6331HA	3.52%
HSA 201079 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.0243HA	0.29%
HSA 201156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	372.6763HA	53.23%
HSA 201157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	174.6231HA	24.94%
HSA 201161 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6991HA	0.1%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6991HA	0.1%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1619HA	0.02%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	700.0668HA	100%
HSA 24213 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	37.8127HA	5.4%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	526.2259HA	75.17%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	700.0625HA	100%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	700.0625HA	100%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	700.0598HA	100%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	700.0668HA	100%
HSA 28954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	3.6767HA	0.53%



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APPRAISAL ID: M 47/1513-I

Tenement Status: Dead **Boundary Type:** Dead
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 12/07/2016 08:32:00
Lodgement Date: 13/07/2016 14:00:58
Object Area: 700.07 Ha. **Centroid:** (22° 10' 9" S, 117° 57' 17" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	700.0668HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	700.0668HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	700.0668HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	700.0668HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE	ILUA Areas	700.0668HA	100%



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APPRAISAL ID: M 47/1513-I

Tenement Status: Dead **Boundary Type:** Dead
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 12/07/2016 08:32:00
Lodgement Date: 13/07/2016 14:00:58
Object Area: 700.07 Ha. **Centroid:** (22° 10' 9" S, 117° 57' 17" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
		YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			
		THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE			

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

SERVICES / INFRASTRUCTURE AFFECTED

Count	Layer	Description
1	Mines and Mineral Deposits	Pinnacle,Pinnacle-Firetail, (Undeveloped)
1	Standard Survey Marks	JM 34
1	Standard Survey Marks	JM 34T
9	Watercourse Line	

MAP SHEETS AFFECTED

Map Sheet Id	Map Sheet Name	Map Scale	Encroached Area	Encroached Percentage
2453	MCRAE	1:100,000 Mapsheet Index	700. 0668HA	100%
SF5011	MOUNT BRUCE	1:250,000 Mapsheet Index	700. 0668HA	100%
SF50	HAMERSLEY RANGE	1:1,000,000 Mapsheet Index	700. 0668HA	100%



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APPRAISAL ID: M 47/1513-I

Tenement Status: Dead **Boundary Type:** Dead
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 12/07/2016 08:32:00
Lodgement Date: 13/07/2016 14:00:58
Object Area: 700.07 Ha. **Centroid:** (22° 10' 9" S, 117° 57' 17" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
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---END OF REPORT---



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APPRAISAL ID: M 47/1570

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 26/03/2018 07:47:00
Lodgement Date: 29/03/2018 15:30:32
Object Area: 1032.41 Ha. **Centroid:** (22° 10' 11" S, 117° 57' 37" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	1032. 4092HA	100%
NORTH WEST LAND DIVISION	Land Division	1032. 4092HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	1032. 4092HA	100%
W PILBARA M F 47	Mineral Field Boundaries	1032. 4092HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
L 1SA	29/11/2006 15:30:00	THE PILBARA INFRASTRUCTURE PTY LTD	Live	15.8172HA	1.53%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	847.6911HA	82.11%
L 47/361	05/03/2010 08:05:00	FMG PILBARA PTY LTD	Live	92.5969HA	8.97%
L 47/367	22/04/2010 13:20:00	FMG PILBARA PTY LTD	Live	1032.4092HA	100%
L 47/472	11/04/2011 14:00:00	FMG PILBARA PTY LTD	Live	299.2099HA	28.98%
L 47/697	07/05/2013 16:30:00	PILBARA GAS PIPELINE PTY LTD	Live	5.1772HA	0.5%
L 47/814	15/11/2017 13:20:53	THE PILBARA INFRASTRUCTURE PTY LTD	Live	471.205HA	45.64%
L 47/914	20/08/2019 11:01:42	PILBARA ENERGY COMPANY PTY LTD	Live	6.8449HA	0.66%
L 47/919	18/10/2019 09:50:57	FMG PILBARA PTY LTD	Live	471.2051HA	45.64%
L 47/1034	17/12/2021 14:13:12	PILBARA ENERGY COMPANY PTY LTD	Live	473.4068HA	45.85%

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
E 47/504-I	03/05/1990 11:55:00	18/05/1991 00:00:00	Surrendered	03/03/1995 09:30:00	Dead	91.4542HA	8.86%
E 47/1985	08/08/2008 12:15:00		Withdrawn	28/07/2011 15:30:00	Dead	121.2661HA	11.75%
L 47/350	11/11/2009 10:55:00		Withdrawn	04/04/2012 16:00:00	Dead	92.7268HA	8.98%
L 47/368	22/04/2010 14:05:00		Withdrawn	07/08/2014 16:00:00	Dead	299.21HA	28.98%
L 47/507	11/04/2011 13:52:00		Withdrawn	04/04/2012 16:00:00	Dead	1031.7197HA	99.93%
L 47/845	22/05/2018 15:02:04		Withdrawn	18/10/2019 13:02:04	Dead	5.2674HA	0.51% 78



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APPRAISAL ID: M 47/1570

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 26/03/2018 07:47:00
Lodgement Date: 29/03/2018 15:30:32
Object Area: 1032.41 Ha. **Centroid:** (22° 10' 11" S, 117° 57' 37" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

DEAD TENEMENTS AFFECTED

Tenement ID	Marking out Date/Time	Grant Date/Time	Death Reason	Death Date/Time	Status	Encroached Area	Encroached Percentage
L 47/856	15/10/2018 13:40:05		Withdrawn	31/10/2018 14:42:21	Dead	5.2863HA	0.51%
L 47/860	30/10/2018 15:35:31		Withdrawn	18/10/2019 13:02:04	Dead	6.8448HA	0.66%
M 47/1513-I	12/07/2016 08:32:00	03/12/2018 00:00:00	Surrendered	31/03/2020 00:00:00	Dead	700.0668HA	67.81%
M 47/1569	26/03/2018 07:44:00		Withdrawn	30/04/2020 10:35:07	Dead	1032.3961HA	100%
TR 70/2703	16/08/1963 00:00:00	10/10/1963 00:00:00	Cancelled	11/10/1966 00:00:00	Dead	984.245HA	95.33%
TR 70/6662	25/08/1977 00:00:00	12/04/1978 00:00:00	Cancelled	15/12/1979 00:00:00	Dead	355.5179HA	34.44%
TR 70/7297	30/08/1979 00:00:00	15/11/1979 00:00:00	Cancelled	30/08/1980 00:00:00	Dead	314.9337HA	30.5%

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
394 432	Historical Pastoral Lease (C)	Lease	Department of Planning, Lands and Heritage	778.7065HA	75.43%
PL N050483	Pastoral Lease (C) MT FLORANCE	Lease	Department of Planning, Lands and Heritage	778.6828HA	75.42%
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	253.7264HA	24.58%
HSA 200501 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	53.8617HA	5.22%
HSA 200643 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	785.2087HA	76.06%
HSA 200645 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	41.4242HA	4.01%
HSA 200649 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	15.9466HA	1.54%
HSA 200966 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	24.6331HA	2.39%
HSA 201079 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2.0243HA	0.2%
HSA 201156 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	390.3343HA	37.81%
HSA 201157 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	174.6231HA	16.91%



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APPRAISAL ID: M 47/1570

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 26/03/2018 07:47:00
Lodgement Date: 29/03/2018 15:30:32
Object Area: 1032.41 Ha. **Centroid:** (22° 10' 11" S, 117° 57' 37" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
HSA 201161 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6991HA	0.07%
HSA 201162 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.6991HA	0.07%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.1619HA	0.02%
HSA 24062 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1032.4092HA	100%
HSA 24213 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	37.8127HA	3.66%
HSA 27857 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	756.1274HA	73.24%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	911.139HA	88.25%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	911.139HA	88.25%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	911.1362HA	88.25%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1032.4092HA	100%
HSA 28954 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	46.7384HA	4.53%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	1032.4092HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	1032.4092HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	1032.4092HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
		no intersections			80



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APPRAISAL ID: M 47/1570

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 26/03/2018 07:47:00
Lodgement Date: 29/03/2018 15:30:32
Object Area: 1032.41 Ha. **Centroid:** (22° 10' 11" S, 117° 57' 37" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Dead Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6005/2003	Yindjibarndi #1(WCD2017/010)	YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC PO BOX 111, ROEBOURNE, WA, 6718 SAME AS CORRESPONDENCE	Native Title Determinations	1032.4092HA	100%

ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2014/005	Yindjibarndi People and RTIO Indigenous Land Use Agreement(WI2014/005)	HAMERSLEY IRON PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, THE EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE ROBE RIVER MINING CO. PTY LIMITED C/- ASHURST AUSTRALIA, LEVEL 32, EXCHANGE PLAZA, 2 THE ESPLANADE, PERTH, WA, 6000 SAME AS CORRESPONDENCE YINDJIBARNDI ABORIGINAL CORPORATION RNTBC PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE THOMAS JACOB, STANLEY WARRIE, ALLUM CHEEDY, KEVIN GUINNESS, C/- YINDJIBARNDI ABORIGINAL CORPORATION RNTBC, PO BOX 196, WEMBLEY, WA, 6913 SAME AS CORRESPONDENCE	ILUA Areas	1032.4092HA	100%

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

Affidavit

WAD 37 of 2022

Federal Court of Australia
District Registry: Western Australia
Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS2

TENEMENT QUICK APPRAISAL FOR M 47/1474-I

Michelle Payne

Sham.



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APPRAISAL ID: M 47/1474-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ADMINISTRATION BOUNDARIES AFFECTED

Name	Type	Encroached Area	Encroached Percentage
GREGORY	Land District	2922. 21HA	100%
NORTH WEST LAND DIVISION	Land Division	2922. 21HA	100%
ASHBURTON SHIRE	LGA (Shire) Boundaries	2922. 21HA	100%
W PILBARA M F 47	Mineral Field Boundaries	2922. 21HA	100%

TENEMENTS AFFECTED

Tenement ID	Marking out/Lodgement	Holder/Applicant(s)	Status	Encroached Area	Encroached Percentage
L 1SA	29/11/2006 15:30:00	THE PILBARA INFRASTRUCTURE PTY LTD	Live	350.387HA	11.99%
E 47/3762	18/08/2017 14:33:52	FMG PILBARA PTY LTD	Pending	2922.21HA	100%
L 47/294	10/07/2008 09:02:59	FMG PILBARA PTY LTD	Live	397.6052HA	13.61%
L 47/301	10/07/2008 08:55:00	FMG PILBARA PTY LTD	Live	0.3702HA	0.01%
L 47/381	28/07/2010 17:20:00	FMG PILBARA PTY LTD	Live	708.4862HA	24.24%
L 47/903	13/03/2019 12:59:23	PILBARA ENERGY (GENERATION) PTY LTD	Live	556.4996HA	19.04%
L 47/920	18/10/2019 09:51:48	FMG PILBARA PTY LTD	Live	194.0585HA	6.64%
L 47/1035	17/12/2021 14:14:10	PILBARA ENERGY COMPANY PTY LTD	Live	316.9498HA	10.85%
M 47/1550	22/08/2017 12:54:00	FMG PILBARA PTY LTD	Pending	2922.2098HA	100%

DEAD TENEMENTS AFFECTED (NOT SELECTED)

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
Unallocated Crown Land	Unallocated Crown Land:1 Land parcels affected	Cadastral	Landgate	2922.21HA	100%
29694	Aboriginal Heritage Places-Lodged, Jerkunha Marnta	Special Category Land	Department of Planning, Lands and Heritage	24.5443HA	0.84%
36890	Aboriginal Heritage Places-Stored Data / Not a Site, S11-080	Special Category Land	Department of Planning, Lands and Heritage	0.0783HA	<0.01%
36892	Aboriginal Heritage Places-Stored Data / Not a Site, S13-40	Special Category Land	Department of Planning, Lands and Heritage	0.2502HA	0.01%



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APPRAISAL ID: M 47/1474-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
37081	Aboriginal Heritage Places-Registered Site, S08-066	Special Category Land	Department of Planning, Lands and Heritage	0.0648HA	<0.01%
37082	Aboriginal Heritage Places-Registered Site, S08-067	Special Category Land	Department of Planning, Lands and Heritage	0.065HA	<0.01%
37083	Aboriginal Heritage Places-Stored Data / Not a Site, S08-059	Special Category Land	Department of Planning, Lands and Heritage	5.25HA	0.18%
37084	Aboriginal Heritage Places-Stored Data / Not a Site, S10-26	Special Category Land	Department of Planning, Lands and Heritage	0.3163HA	0.01%
37085	Aboriginal Heritage Places-Registered Site, S10-25	Special Category Land	Department of Planning, Lands and Heritage	0.0476HA	<0.01%
37086	Aboriginal Heritage Places-Stored Data / Not a Site, S10-23	Special Category Land	Department of Planning, Lands and Heritage	0.1127HA	<0.01%
37087	Aboriginal Heritage Places-Stored Data / Not a Site, S08-064	Special Category Land	Department of Planning, Lands and Heritage	0.8825HA	0.03%
37088	Aboriginal Heritage Places-Stored Data / Not a Site, S10-22	Special Category Land	Department of Planning, Lands and Heritage	0.0271HA	<0.01%
37089	Aboriginal Heritage Places-Stored Data / Not a Site, S10-21	Special Category Land	Department of Planning, Lands and Heritage	0.0165HA	<0.01%
37090	Aboriginal Heritage Places-Stored Data / Not a Site, S10-20	Special Category Land	Department of Planning, Lands and Heritage	0.0495HA	<0.01%
37091	Aboriginal Heritage Places-Stored Data / Not a Site, S10-19	Special Category Land	Department of Planning, Lands and Heritage	0.0705HA	<0.01%
37092	Aboriginal Heritage Places-Registered Site, S10-18	Special Category Land	Department of Planning, Lands and Heritage	0.5307HA	0.02%
37093	Aboriginal Heritage Places-Stored Data / Not a Site, S10-17	Special Category Land	Department of Planning, Lands and Heritage	0.5671HA	0.02%
37094	Aboriginal Heritage Places-Stored Data / Not a Site, S10-16	Special Category Land	Department of Planning, Lands and Heritage	0.0352HA	<0.01%
37095	Aboriginal Heritage Places-Stored Data / Not a Site, S10-15	Special Category Land	Department of Planning, Lands and Heritage	0.6131HA	0.02%
37096	Aboriginal Heritage Places-Stored Data / Not a Site, S08-62	Special Category Land	Department of Planning, Lands and Heritage	0.3379HA	0.01%
37097	Aboriginal Heritage Places-Registered Site, S10-04	Special Category Land	Department of Planning, Lands and Heritage	1.1745HA	0.04%
37100	Aboriginal Heritage Places-Registered Site, EAS16-059	Special Category Land	Department of Planning, Lands and Heritage	0.1033HA	<0.01%
37101	Aboriginal Heritage Places-Stored Data / Not a Site, S10-24	Special Category Land	Department of Planning, Lands and Heritage	0.075HA	<0.01%
37619	Aboriginal Heritage Places-Lodged, YNAC 2018-19	Special Category Land	Department of Planning, Lands and Heritage	111.6391HA	3.82%
37620	Aboriginal Heritage Places-Lodged, YNAC 2018-20	Special Category Land	Department of Planning, Lands and Heritage	76.3982HA	2.61%



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APPRAISAL ID: M 47/1474-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
37622	Aboriginal Heritage Places- Stored Data / Not a Site, YNAC 2018-22. Tharndibirndinha Wurndu	Special Category Land	Department of Planning, Lands and Heritage	4.6752HA	0.16%
HSA 200510 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	164.8179HA	5.64%
HSA 200511 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	736.1007HA	25.19%
HSA 200512 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	83.6041HA	2.86%
HSA 200769 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	87.2007HA	2.98%
HSA 200789 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.3173HA	0.05%
HSA 200794 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	165.6508HA	5.67%
HSA 200796 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	701.0977HA	23.99%
HSA 201084 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	33.8552HA	1.16%
HSA 201134 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.3855HA	0.01%
HSA 23050 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2922.21HA	100%
HSA 23513 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage		<0.01%
HSA 23884 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0554HA	<0.01%
HSA 24266 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0001HA	<0.01%
HSA 27204 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	0.0554HA	<0.01%
HSA 28130 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.6108HA	0.06%
HSA 28135 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	1.6108HA	0.06%
HSA 28514 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	2922.21HA	100%
HSA 28592 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage		<0.01%
HSA 28895 1	Aboriginal Heritage Survey Areas	Special Category Land	Department of Planning, Lands and Heritage	59.2339HA	2.03%



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Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

LAND AFFECTED

Land ID	Purpose/Name	Land Type	Responsible Agency/Vesting	Encroached Area	Encroached Percentage
FNA 14406	FILE NOTATION AREA PROPOSED CONSTRUCTION OF A SPECIAL RAILWAY LICENCE UNDER THE "RAILWAY AND PORT (THE PILBARA INFRASTRUCTURE PTY LTD) AGREEMENT ACT 2004"	Special Category Land	DEPT. OF JOBS, TOURISM, SCIENCE AND INNOVATION DEPT. OF MINES, INDUSTRY REGULATION AND SAFETY	350.1363HA	11.98%
FNA 14814	FILE NOTATION AREA PROPOSED ELIWANA SRL STAGE 2 - FREDRICK TO ELIWANA	Special Category Land	DEPT. OF JOBS, TOURISM, SCIENCE AND INNOVATION DEPT. OF MINES, INDUSTRY REGULATION AND SAFETY	148.7746HA	5.09%
FNA 14949	FILE NOTATION AREA RAIL CORRIDOR - STAGE 2 ELIWANA	Special Category Land	DEPT. OF JOBS, TOURISM, SCIENCE AND INNOVATION DEPT. OF MINES, INDUSTRY REGULATION AND SAFETY	149.0256HA	5.1%
GWA 32	GROUNDWATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	2922.21HA	100%
SWA 30	SURFACE WATER AREA PILBARA	Special Category Land	Dept. of Water and Environmental Regulation	2922.21HA	100%

NATIVE TITLE AREAS AFFECTED

NTRB ID	Name	NTRB	Description	Encroached Area	Encroached Percentage
ARB 12	Pilbara (ARB12)	PILBARA NATIVE TITLE SERVICE PO BOX 3072, 249 HAY ST, EAST PERTH, WA, 6892 LEVEL 8, 12-14-THE ESPLANADE, PERTH, WA, 6000	Aboriginal Representative Body	2922.21HA	100%

Claimed FED CRT No	Name	Claimant Representative	Description	Encroached Area	Encroached Percentage
no intersections					

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
WAD6208/1998	EASTERN GURUMA(WCD2007/001)	WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC	Native Title Determinations	2922.21HA	100%
					88



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APPRAISAL ID: **M 47/1474-I**

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

Determined FED CRT No	Name	Prescribed Body Corporate	Description	Encroached Area	Encroached Percentage
		PO BOX 1883, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE			
ILUA Subject Matter ID	Name	ILUA Title	Description	Encroached Area	Encroached Percentage
WI2010/005	FMG PILBARA PTY LTD AND WINTAWARI GURUMA ABORIGINAL CORPORATION RNTBC(WI2010/005)	FMG PILBARA PTY LTD ADDRESS NOT PROVIDED ADDRESS NOT PROVIDED	ILUA Areas	923.4034HA	31.6%
WI2001/001	HAMERSLEY IRON PTY LTD EASTERN GURUMA(WI2001/001)	GURUMA MALI WARTU ABORIGINAL CORPORATION CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE THE STATE OF WESTERN AUSTRALIA DEPARTMENT OF PREMIER AND CABINET, L28, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE PETER STEVENS, NELSON HUGHES & EVA CONNORS 7 TOURNAY COURT, KARRATHA, WA, 6714 SAME AS CORRESPONDENCE HAMERSLEY IRON PTY LIMITED LEVEL 22, CENTRAL PARK, 152 ST GEORGES TERRACE, PERTH, WA, 6000 SAME AS CORRESPONDENCE RIO TINTO EXPLORATION PTY LIMITED C/- PO BOX 175, BELMONT, WA, 6984 SAME AS CORRESPONDENCE	ILUA Areas	2922.21HA	100%
WI2007/001	PILBARA IRON - EASTERN GURUMA BODY CORPORATE ILUA(WI2007/001)	HAMERSLEY IRON PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6837 SAME AS CORRESPONDENCE THE STATE OF WESTERN AUSTRALIA C/- OFFICE OF NATIVE TITLE, GOVERNOR STIRLING TOWER, 197 ST GEORGE'S TERRACE, PERTH, WA, 6000	ILUA Areas	2922.21HA	100%



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APPRAISAL ID: M 47/1474-I

Tenement Status: Live **Boundary Type:** Granted Live
Holder/Applicant: FMG PILBARA PTY LTD
Markout Date: 16/03/2012 15:10:00
Lodgement Date: 26/03/2012 16:05:00
Object Area: 2922.21 Ha. **Centroid:** (22° 12' 8" S, 117° 53' 34" E)
Appraisal Options: Admin Boundaries Affected, Tenements Affected, Land Affected, Native Title
 Details, Petroleum, Services/Infrastructure Affected, Map Sheet Details
Datum: GDA94

ILUA Subject Name Matter ID	ILUA Title	Description	Encroached Area	Encroached Percentage
	SAME AS CORRESPONDENCE			
	ROBE RIVER MINING CO. PTY LIMITED C/- PILBARA IRON PTY LTD, GPO BOX A42, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
	WINTAWARI GURUMA ABORIGINAL CORPORATION C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
	EASTERN GURUMA REPRESENTATIVES C/- CORSER & CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			
	GURUMA MALI WARTU ABORIGINAL CORPORATION CORSER AND CORSER, LEVEL 4, IRWIN CHAMBERS, 16 IRWIN STREET, PERTH, WA, 6000 SAME AS CORRESPONDENCE			

ENT No	Name	Managed By	Description	Encroached Area	Encroached Percentage
no intersections					

Pre-1994 Leases	Description	Encroached Area	Encroached Percentage
no intersections			

PETROLEUM/GEOTHERMAL TITLES AFFECTED

ID	Title Type	Holder/Applicant	Encroached Area	Encroached Percentage
no intersections				

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS3

QUANTITY & VALUE REPORT

REDACTED



Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS4

MANAGEMENT PRODUCTION REPORT

REDACTED

Michelle Payne

Shirley

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS5

PIVOT TABLE OF THE QUANTITY & VALUE REPORT

REDACTED

Michelle Payne

Shun

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS6

PIVOT TABLE OF THE MANAGEMENT PRODUCTION REPORT

REDACTED

Michelle Payne *Shannon*

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS7

CALCULATIONS TABLE

REDACTED



Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS8

ROYALTIES SPREADSHEET

(RELEVANT AND NON-RELEVANT TENEMENTS)

REDACTED

A handwritten signature in blue ink, appearing to read "Michelle Payne" followed by a flourish.

Affidavit

WAD 37 of 2022

Federal Court of Australia

District Registry: Western Australia

Division: General

YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC

Applicant

STATE OF WESTERN AUSTRALIA and others

Respondents

ANNEXURE JS9

ROYALTIES SPREADSHEET

(RELEVANT TENEMENTS ONLY)

REDACTED

Michelle Payne

Shannon

NOTICE OF FILING

Details of Filing

Document Lodged: Affidavit - Form 59 - Rule 29.02(1)
Court of Filing: FEDERAL COURT OF AUSTRALIA (FCA)
Date of Lodgment: 4/10/2023 4:39:13 PM AWST
Date Accepted for Filing: 4/10/2023 4:53:59 PM AWST
File Number: WAD37/2022
File Title: YINDJIBARNDI NGURRA ABORIGINAL CORPORATION RNTBC ICN
8721 AND STATE OF WESTERN AUSTRALIA & ORS
Registry: WESTERN AUSTRALIA REGISTRY - FEDERAL COURT OF AUSTRALIA



Sia Lagos

Registrar

Important Information

This Notice has been inserted as the first page of the document which has been accepted for electronic filing. It is now taken to be part of that document for the purposes of the proceeding in the Court and contains important information for all parties to that proceeding. It must be included in the document served on each of those parties.

The date of the filing of the document is determined pursuant to the Court's Rules.