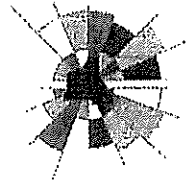


Application for development approval



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Owner details		
Name: DEREK MASON SUPERANNUATION FUND		
ABN (if applicable): 57 356 034 960		
Address: PO BOX 125 MERREDIN WA		Postcode: 6415
Phone: 08 90414114 Work: 0990414114	Fax:	Email: msntrans@bigpond.net.au
Home:		
Mobile: 0428362766		
Contact person for correspondence : DEREK MASON		
Signature:		Date: 30/08/2019
Signature:		Date:
The signature of the owner(s) is required on all applications. This application will not proceed without that signature. For the purposes of signing this application an owner includes the persons referred to in the Planning and Development (Local Planning Schemes) Regulations 2015 Schedule 2 clause 62 (2).		

Applicant details (if different from owner)		
Name: Derek Mason		
Address: PO Box 125 MERREDIN WA		Postcode: 6415
Phone: 08 90414114 Work: 08 90414114	Fax:	Email: msntrans@bigpond-net-au
Home:		
Mobile: 0428362766		
Contact person for correspondence : Derek Mason		
The information and plans provided with this application may be made available by the local government for public viewing in connection with the application. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Signature:		Date: 30-8-19

--	--

Property details		
Lot No: 812	House/Street No: Great Eastern H'Way Merredin / Burracoppin	Location No:
Diagram or Plan No:	Certificate of Title Vol. No: 2704	Folio: 923
Title encumbrances (e.g. easements, restrictive covenants):		
Street Name:		Suburb:
Nearest street intersection: Goldfields Rd / Gt Eastern Highway		

Proposed development	
Nature of Development	<input type="checkbox"/> Works <input type="checkbox"/> Use <input checked="" type="checkbox"/> Works and use
Is an exemption from development claimed for part of the development? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, is the exemption for	<input type="checkbox"/> Works <input type="checkbox"/> Use
Description of proposed works and/or land use:	
Description of exemption claimed (if relevant):	
Nature of any existing buildings and/or land use:	
Approximate cost of proposed development:	
Estimated time of completion:	

OFFICE USE ONLY	
Acceptance Officer's initials:	Date Received:
Local government reference No:	

Derek Mason Super Fund

ABN 573 560 349 60

Report to accompany the Application for Development Approval

PN 061250 LN 812

"DMSF Burracoppin Gravel Quarry"

**Burracoppin District
Merredin Shire
WESTERN AUSTRALIA**

September 2019

Prepared and submitted by:

X2M - Exploration to Mining

All enquiries regarding this document should be forwarded to X2M (0428467766)

Author:

**Edd Prumm *B.Sc. MAusIMM, MAIG.*
mobilegoldmining@live.com.au**

Corporate Endorsement:

"I hereby certify that to the best of my knowledge, the information within this Application for Development Approval is true and correct.

Name: Derek Mason

Signed:

Position: Owner

Date:

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1. Scope and Purpose

The Application for Development Approval of the Burracoppin Gravel Quarry (the "Project"), Plan number 061250 Lot number 812, has been prepared by X2M / Prumm Corporation Pty Ltd for the Derek Mason Super Fund ("DMSF").

This Application for Development Approval has been submitted in conjunction with the lodgement of an Extractive industry Licence to the Merredin Shire in September 2019.

1.1 Background

The DMSF owns a farmlet, located approximately 20km east of the township of Merredin on the north side of the Great Eastern Highway.

The entrance to the project is via the bitumised portion of the Goldfields Road to the north of the Great Eastern highway (see Figures 1 & 2 below).

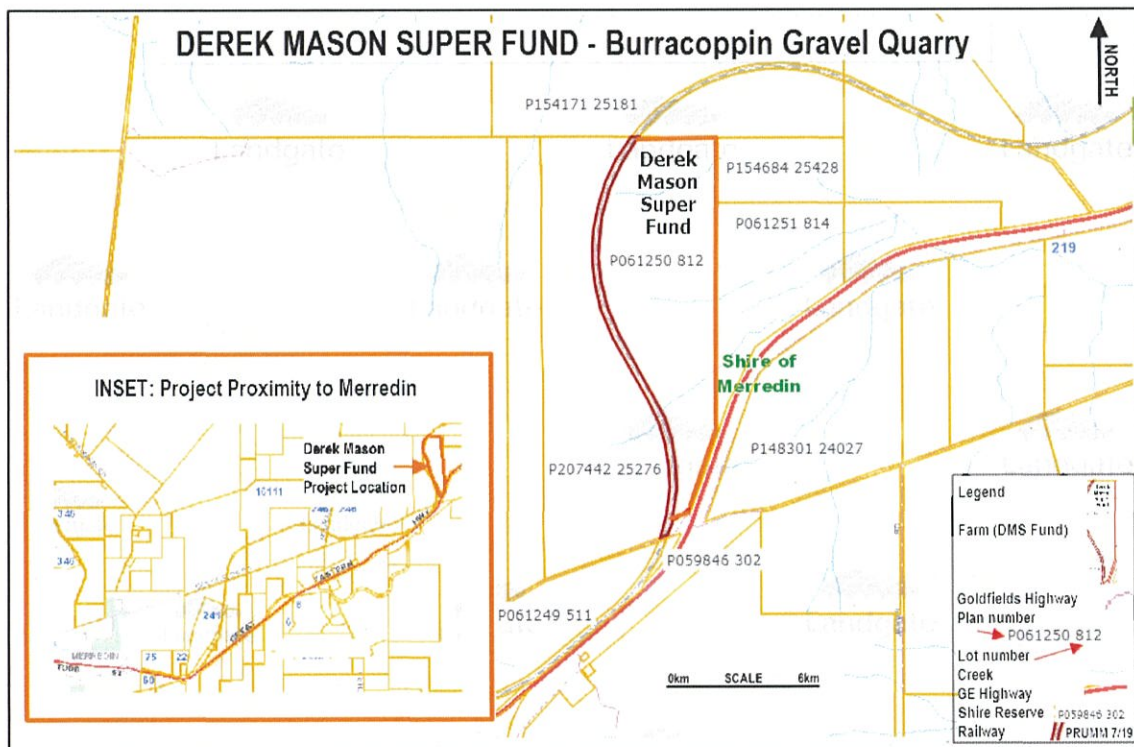


Figure 1 Project Location Diagram

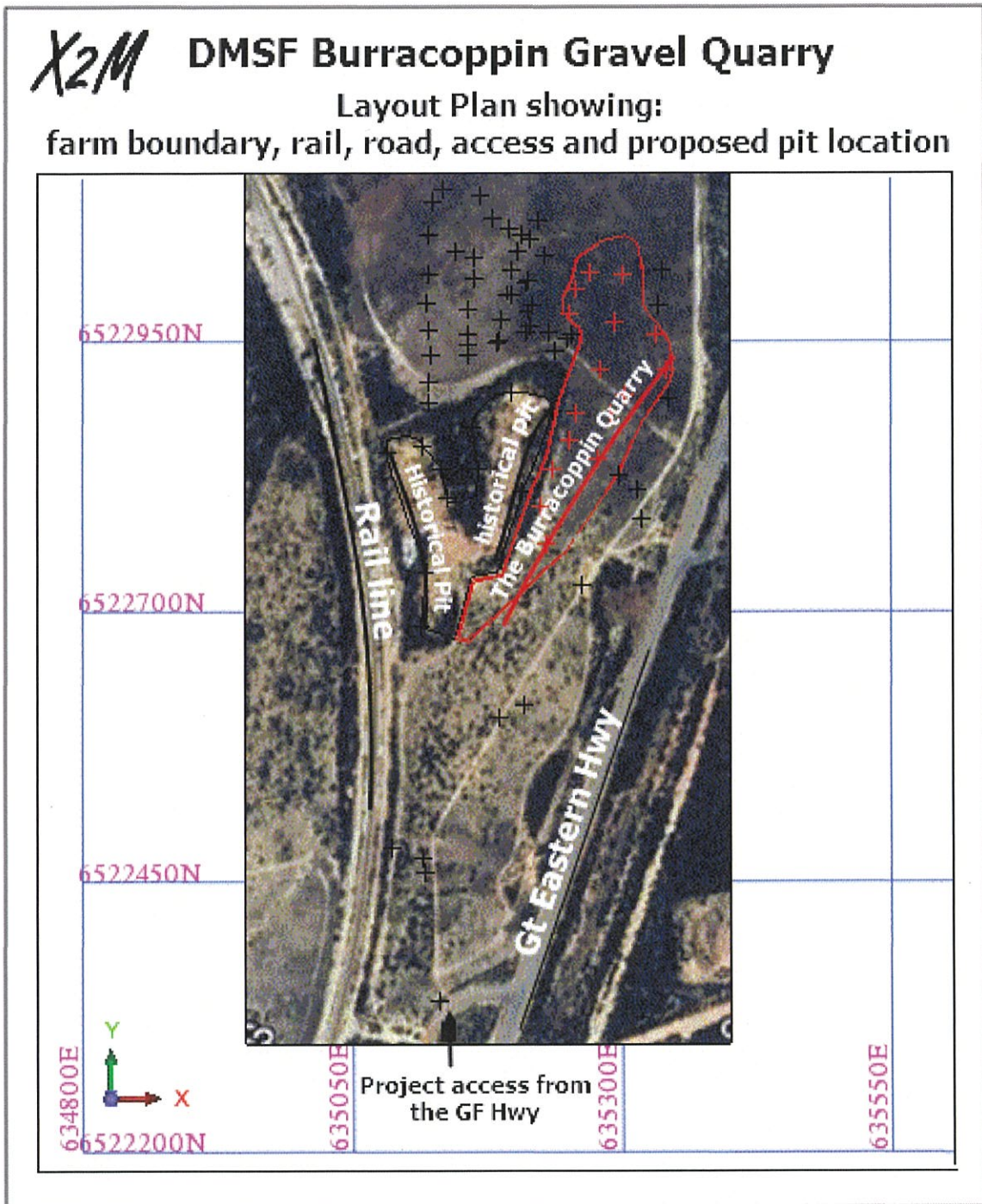


Figure 2 Sample Sites and interpreted Quarry Location

2. Application for Development Approval Form

Appendix 1a Application for Development Approval – Shire of Merredin Form

Appendix 1b Certificate of Title

3. Plans of the excavation site

Site survey was completed by FM Surveys of Northam by Mr M Spencer during early September 2019.

Copies of signed and certified survey plans are appended as Appendix 2

1. Deposited Plan
2. Surveyors plan – Overview & Surveyors Plan – Detailed with 1m contours

Appendix 3 is the photographic evidence of a datum on site.

4. Depth of the Proposed Excavation (& the historical gravel pit)

The DMSF owned farmlet was historically mined for gravel, date unknown. The historical workings are roughly 0.4 to 2.0 deep and the outline of the historical quarry is displayed in figures 4 & 6 below and also in the surveyed plans in Appendix 2b.

The maximum depth of gravel unearthed in the exploration pits shows the gravel to be to a maximum depth of 1.6m with approximately 100 to 300mm of overburden (refer figure 7 below).

Therefore allowing for the following below, it is expected that the DMSF Burracoppin Gravel Quarry will be mined to a maximum depth of 2.2 meters.

Type	Thickness (m)
Maximum thickness of gravel	1.6
Maximum overburden	0.3
Allowance for operator error	0.3
Total	2.2

Table 1 Depth of the proposed excavation

5. Location type & height of existing structures - vegetation

Figures 2, 3 & 5, accurately display the vegetation within the proposed mine layout area.

The majority of the area (approximately 70%) is completely cleared of vegetation and would be immediately suitable for farming. The southern portion was completely cleared however has sustained a few years of regrowth.

The area of regrowth is consistent with the classification of "Scattered Vegetation" depicted in Table 1 (page 6, not referenced) within the Native Vegetation Handbook for the Shire of Merredin, authored by Sarah J Weaving.

Scattered Vegetation is defined by S Weaving as:

- No understory
- Parkland cleared, ie at most scattered single trees
- No significant signs or chance of regeneration

The sparse vegetation consists of scattered bushes and shrubs and also some poison weed that is detrimental to sheep and cattle.

Vegetation classed as "remnant vegetation" has one or more of the following characteristics (Beeston *et al.*, 1993) :

- Most closely reflects the natural state of vegetation for a given area.
- Has an intact understorey (if forest or woodland).
- Has minimal disturbance by agents of human activity.

Vegetation classed as "modified vegetation" has one or more of the following characteristics:

- Degraded understorey (ie. reduction in the number of native species, includes weeds).
- Obvious human disturbance- clearing, mining, grazing, weeds.
- Affected by salt.
- Narrow corridors of vegetation (usually along roads and railway lines or windbreaks), which are more likely to be affected by edge effects.

Vegetation classed as "scattered vegetation" have:

- No understorey.
- Parkland cleared ie. are scattered single trees
- No significant signs or chance of regeneration.

researchlibrary.agric.wa.gov.au/cgi/viewcontent.cgi?article=1015&context=nat_veg

Table 2 Remnant Vegetation Classification Table (Beetson et al 1993)

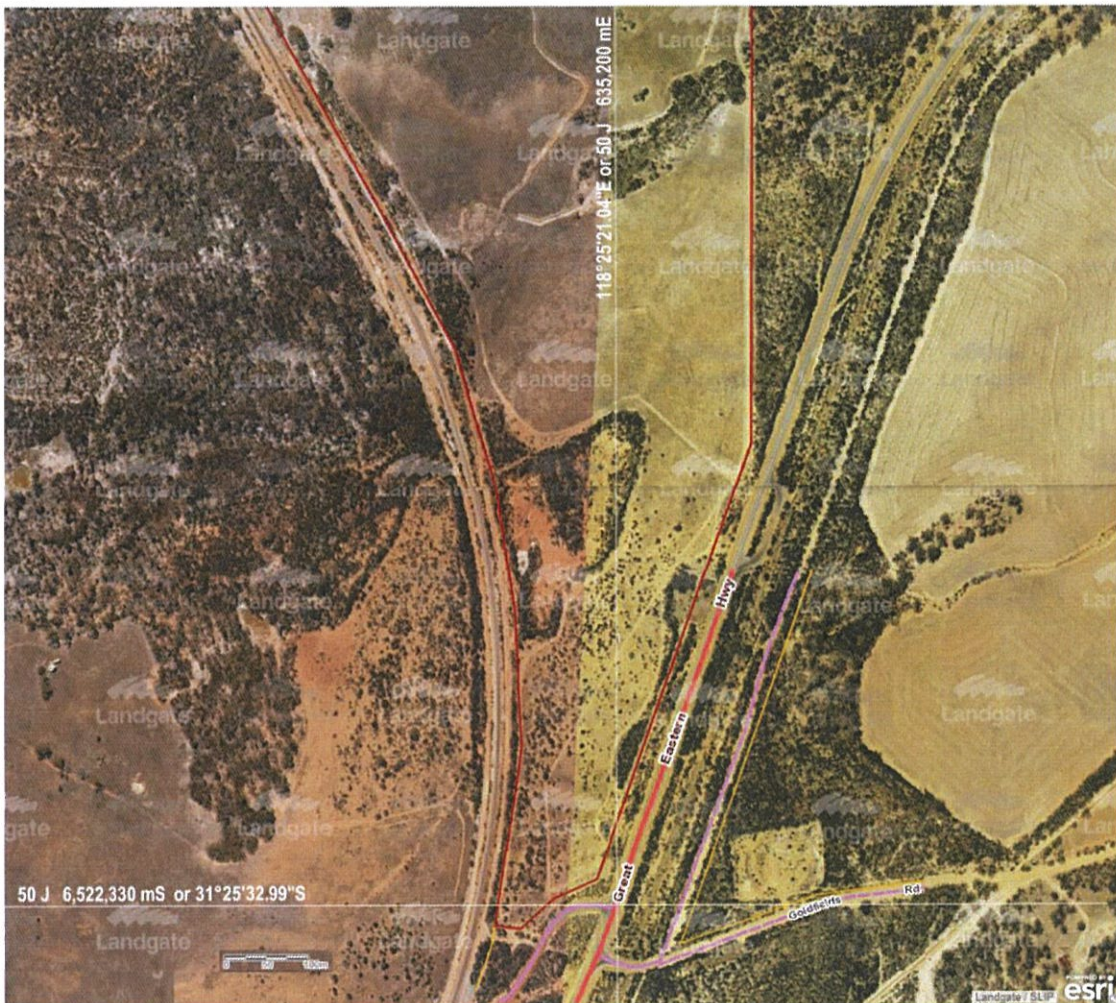


Figure 3 Image of the Burracoppin Gravel Quarry current state

6. Method of clearing OB and topsoil

As a commodity, gravel is sought after however does not command a high price. Therefore, in order to keep costs to a minimum, ie reduce double handling of the gravel, the mining plan is to compartmentalise the mining into 6 panels of approximately 50m in length, South to North.

The overburden and topsoil from each mining panel, 1 panel at a time, will be stockpiled on the eastern side of the excavation as shown in Figure 4 below.

It is planned that the scrub, the topsoil and the overburden contained within the pit boundary for each separate panel will be removed, scraped off using a either front end loader or an excavator.

The topsoil will then be stored in windrows, at a distance of approximately 10m east of the final planned pit design. The plan is to allow the excavator to excavate the gravel from the last slice of the panel and side-cast onto the strip between the pit design and the windrow enabling access for trucks to remove the remaining excavated gravel.

The ore will be mined in strips approximately 10 m wide starting from the west and stockpiling the ore on the eastern side. Once a 50m (S-N) panel of gravel is removed the plan is to immediately rehabilitate the exhausted panel of the quarry.

DMSF Burracoppin Gravel Quarry

Plan displaying gravel thickness (m), historical pit, current pit design, mining panels, historical pit & OB & topsoil stocks

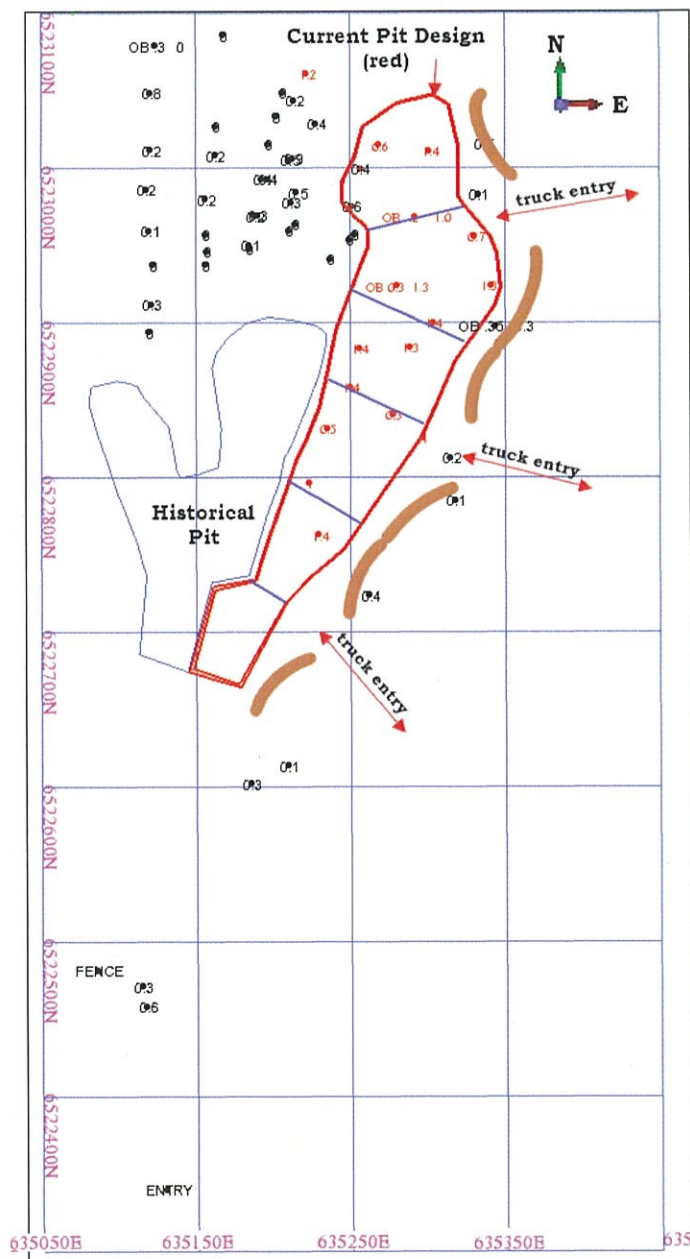


Figure 4 Mining plan showing mining panels and TS&OB stockpiles

Rehabilitation will be completed by pushing the scrub remnants, the topsoil and the overburden back into the shallow excavation and then scarifying and seeding the remnant surface and the quarry to promote regrowth.

7. Access, thoroughfares to be constructed and truck volume

7.1 Project Access

Access will be through a farm boundary gate, in the southern portion of the property, via the bitumised portion of the Goldfields highway, north of the Great Eastern Highway (refer figure 5 below).

The current gate and access in this area will be widened and flattened to a more acute angle to ensure trucks entering and exiting will not disrupt the constitution of the bitumised Goldfields Highway by turning sharply. (Refer figure 5 below)

Appropriate signage will also be placed to the east and west on the Gt Eastern Hwy to increase traffic awareness of entering and exiting trucks.



Figure 5 Entry re-alignment to the Goldfields Rd & Gt Eastern Hwy

7.2 Project roads

These figures also display the existing farm track that will be upgraded and used as the mine road. Truck turning areas will be required within the lease. They will be constructed as shown on figure 6 below, at the windrow openings to enable access for trucks to cart the stockpiled gravel to customers.

DMSF - Burracoppin Gravel Quarry Ortho-rectified Plan displaying gravel thickness (m), OB & TS stocks, historical pit, tracks roads, fences and the current pit

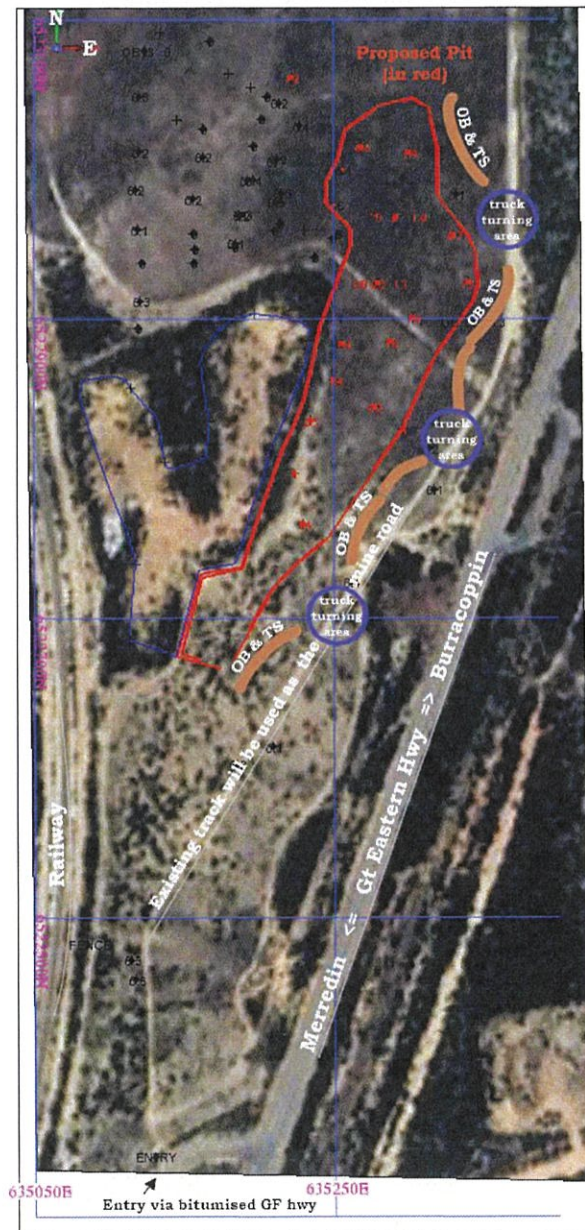


Figure 6 BGQ orthorectified plan showing truck turning and TS / OB stockpile locations

7.3 Number and size of trucks and the route leaving site

It is difficult to forecast the average number of trucks entering and exiting the site. Many factors influence this forecast, sales volume, duration to complete the round trip (quarry to destination and return) and sales frequency. If one estimates the maximum set at 2,000 tonnes per day this equates to 33 trucks per day.

The trucks that will be used are 50 to 60 tonne side and rear tippers, truck and trailer. They are industry standard trucks for the Wheatbelt and they will either go east on the Gt Eastern highway or they will head west.

Gravel use is widespread throughout the Wheatbelt and the gravel will likely be used by farmers, small business and the local government.

8. Improvements

There is no plan for any buildings, water supply, treatment plant, tanks or other improvements to be built on the mining project.

9. Drainage

The proposed quarry sits on the shoulder of a broad and gently sloping hill and as such has excellent drainage into an existing dry creek bed (refer figures 7 & 8 below).

On completion the quarry should present an excellent trap for modest amounts of meteoric water. There will not be enough volume for standing pools or dams of water however there will be ample volumes of water to promote regrowth in the rehabilitation areas.

The existing historical pit is the exact template for what will happen once the Burracoppin Gravel Quarry is exhausted. The existing historical quarry is stable and presents no erosional issues.

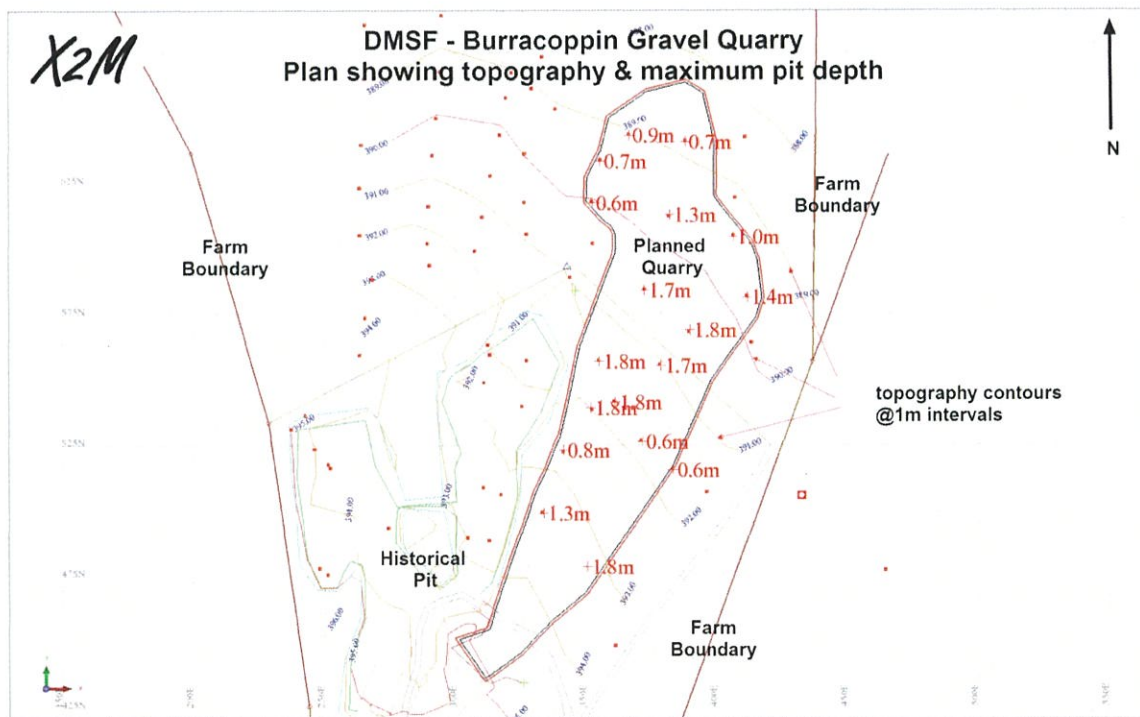


Figure 7 Burracoppin Gravel Quarry with Topography contours and max pit depth



Figure 8 Exploration Pit and current vegetation of the BGQ

10. Measures to minimise nuisance, erosion and general public safety issues

10.1 Proximity to nearby Residences

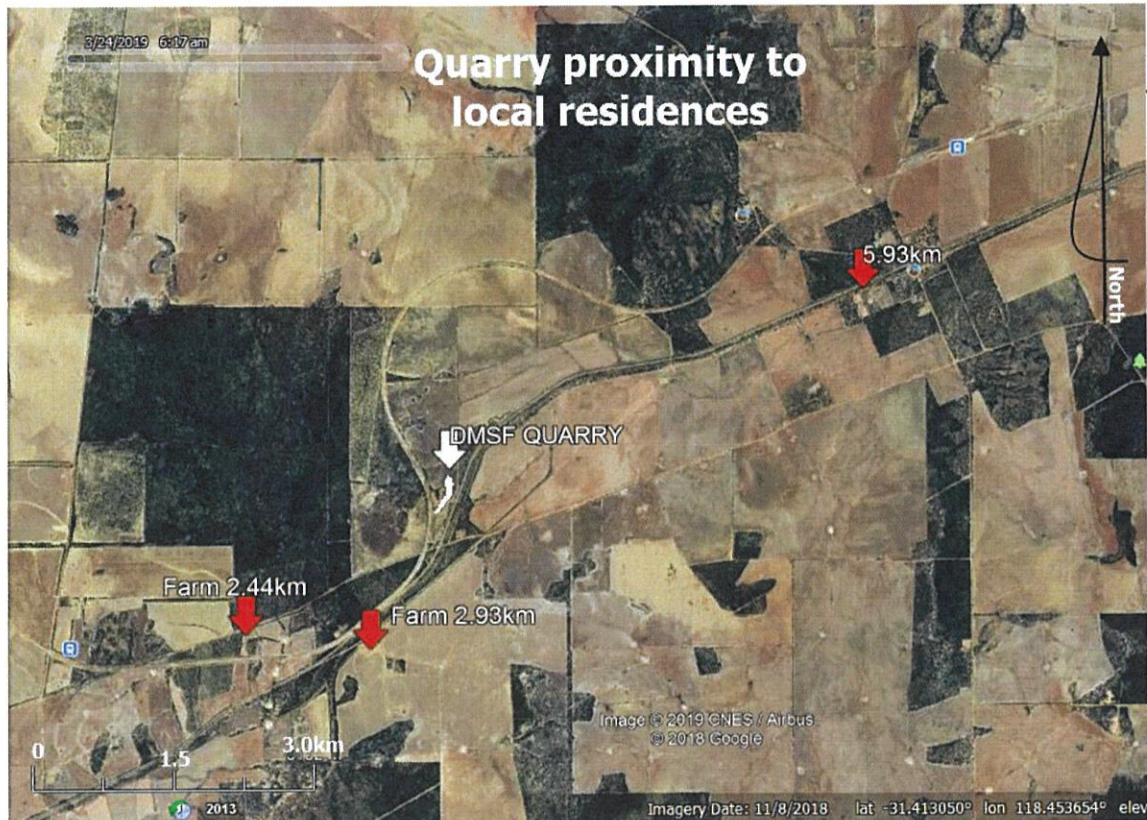


Figure 9 Proximity of the Burracoppin Gravel Quarry to nearby residences

As can be seen in figure 9 above, the closest residence to the Burracoppin Quarry is at a distance of 2.44km to the quarry gate. The closest residence within the township of Burracoppin is at a distance of 5.93km from the quarry gate.

10.2 Sand drift and dust

Sand drift is not expected to present an issue as there is no distinct sand that will be mined. The gravel to be mined has a proportion of inherent clay and once the stocks get wet the clay forms a crust which inhibits the creation of large volumes of dust that might create an issue.

Also, the quarry is approximately 100m from the boundary fence therefore is highly unlikely to impact outside of the farm.

There are no adjacent neighbours within 2km, only the highway to the east and the railway to the west.

There will be signage at the main and only entrance to the project. The Signage will stipulate the (PPE) personal protective equipment measures to be used by personnel on site and approved visitors whilst the quarry is operational.

10.3 Erosion

The proposed quarry will be mined to a maximum depth of 2.2 m with the walls on a slope angle of 45 degrees. The natural rill angle for this material is 38 degrees therefore the potential peripheral erosion of the pit is close to nil.

10.4 Watercourse siltation

This is not applicable. There is a creek bed nearby however this is for rain event runoff and does not contain water for 99.99 % of the year.

10.5 Dangers to the General Public

There will be signage at the main and only entrance to the project restricting access to the project and warning of potential hazards. The Signage will stipulate the (PPE) personal protective equipment measures to be used by personnel on site and approved visitors whilst the quarry is operational.

APPENDIX 1

1. Application for Development Approval
2. Certificate of Title

APPENDIX 2

1. Deposited Plan
2. FM Surveys plans a) overview & b) detail

APPENDIX 3

Evidence of Datum

MODEL LOCAL LAWS

Form 3

Shire of Merredin

APPLICATION
FOR AN EXTRACTIVE INDUSTRY LICENCE

1. Name Derek Mason (Applicant)
2. Address PO Box 125
Merredin WA 6415
3. Telephone 08 78 214 171 Fax -
3. Address and locality of proposed excavation site Lot 812
5. Lot No 812 6. Location No
7. Plan or Diagram No P061251
8. Certificate of Title Volume 2704 Folio 923
9. Owner of the land
Derek Mason Superannuation Fund
10. Address of owner of the land
PO Box 125, Merredin WA 6415
11. Material to be excavated Granitic Gravel

12. If the application covers land that is the subject of an existing licence:

Date of Issue of that licence

.....

Date of expiration of that licence

.....

Conditions applicable to that licence

.....

.....

13. Term of licence sought

10 years

.....

14. Submitted with this application are:

- a) 3 copies of excavation site plans
- b) 3 copies of works and excavation programme
- c) 3 copies of rehabilitation and decommissioning programme
- d) datum peg evidence
- e) licensed surveyor's certificate certifying the correctness of (a) and (d)
- f) evidence of compliance with clause 2.2 (1) and (2)
- g) copies of all land use planning approvals
- h) written consent of the owner of the excavation site
- i) any other information that the local government has required
- j) licence application fee of \$.....

The applicant applies for a licence in respect of the proposed excavation site in accordance with and subject to the Shire of Merredin Local Law relating to Extractive Industries.

Dated this thirteenth day of August 20 19

[Signature]
Signature of Applicant

[Signature]
Signature of Owner of the land

N. A.
Signature of existing licensee
(if applicable)

Derek Mason Super Fund

ABN 573 560 349 60

Application for a Extractive Industry Licence

PN 061250 LN 812

"DMSF Burracoppin Gravel Quarry"

**Burracoppin District
Merredin Shire
WESTERN AUSTRALIA**

September 2019

Prepared and submitted by:

X2M - Exploration to Mining

All enquiries regarding this document should be forwarded to X2M (0428467766)

Author:

**Edd Prumm *B.Sc. MAusIMM, MAIG.*
mobilegoldmining@live.com.au**

Corporate Endorsement:

"I hereby certify that to the best of my knowledge, the information within this Application for an Extractive Industry Licence is true and correct.

Name: Derek Mason

Signed:

Position: Owner

Date:

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1.Scope and Purpose

The Application for a Mineral Extraction Licence has been prepared by X2M / Prumm Corporation Pty Ltd in support of a development application for Plan number 061250 Lot number 812, (“the quarry”) which comprise the Burracoppin Gravel Quarry (the “Project”) of the Derek Mason Super Fund (“DMSF”).

The DMSF owns a farmlet, located approximately 20km east of the township of Merredin on the north side of the Great Eastern Highway.

The entrance to the project is via the bitumised portion of the Goldfields Road to the north of the Great Eastern highway (see Figures 1 to 3 below).

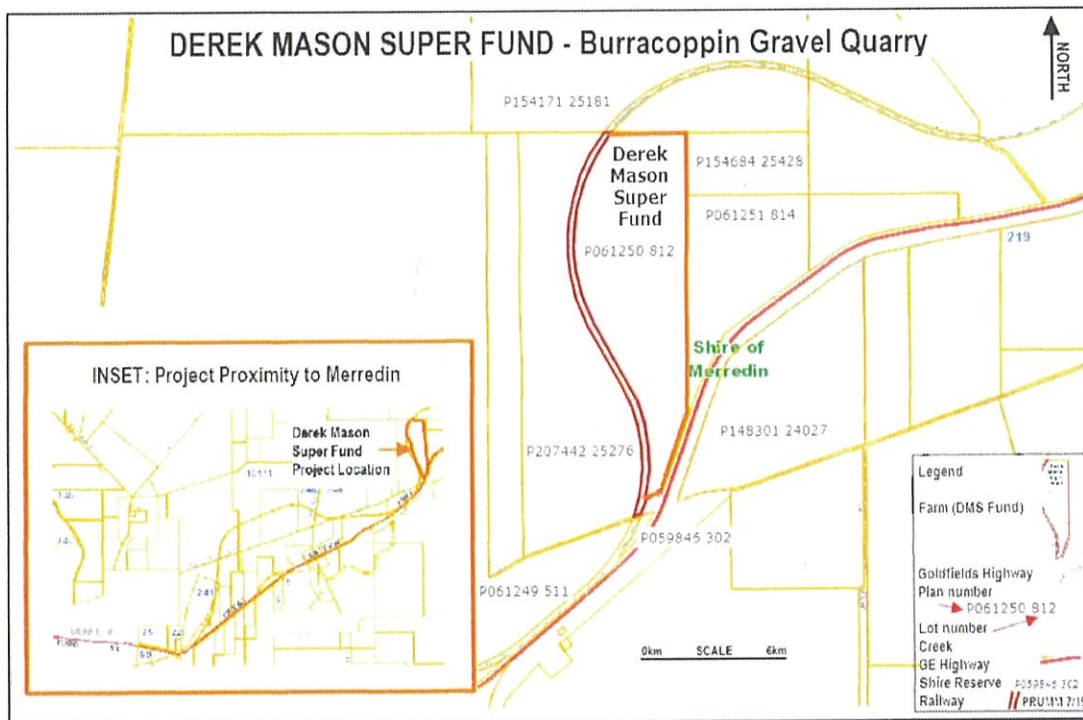


Figure 1 Project Location Diagram

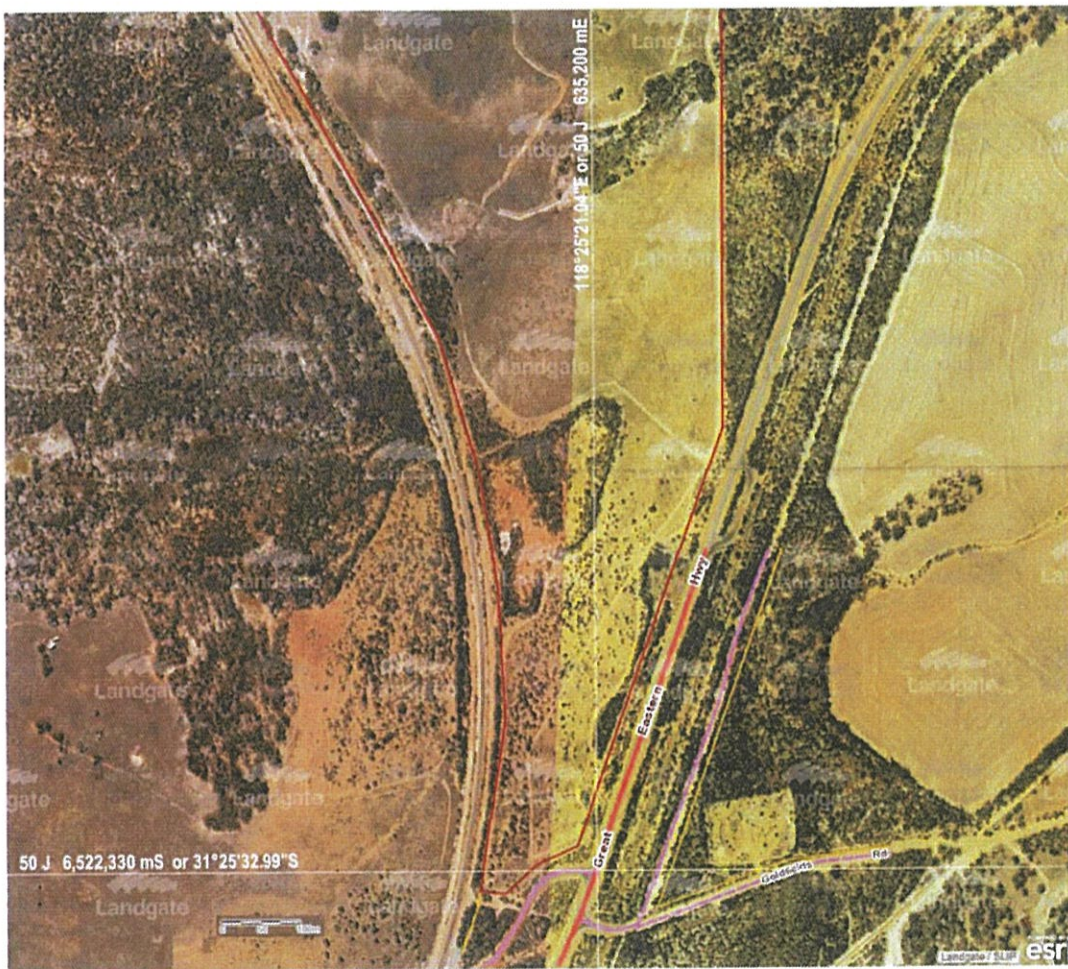


Figure 2 High res image, the proposed Burracoppin Quarry site

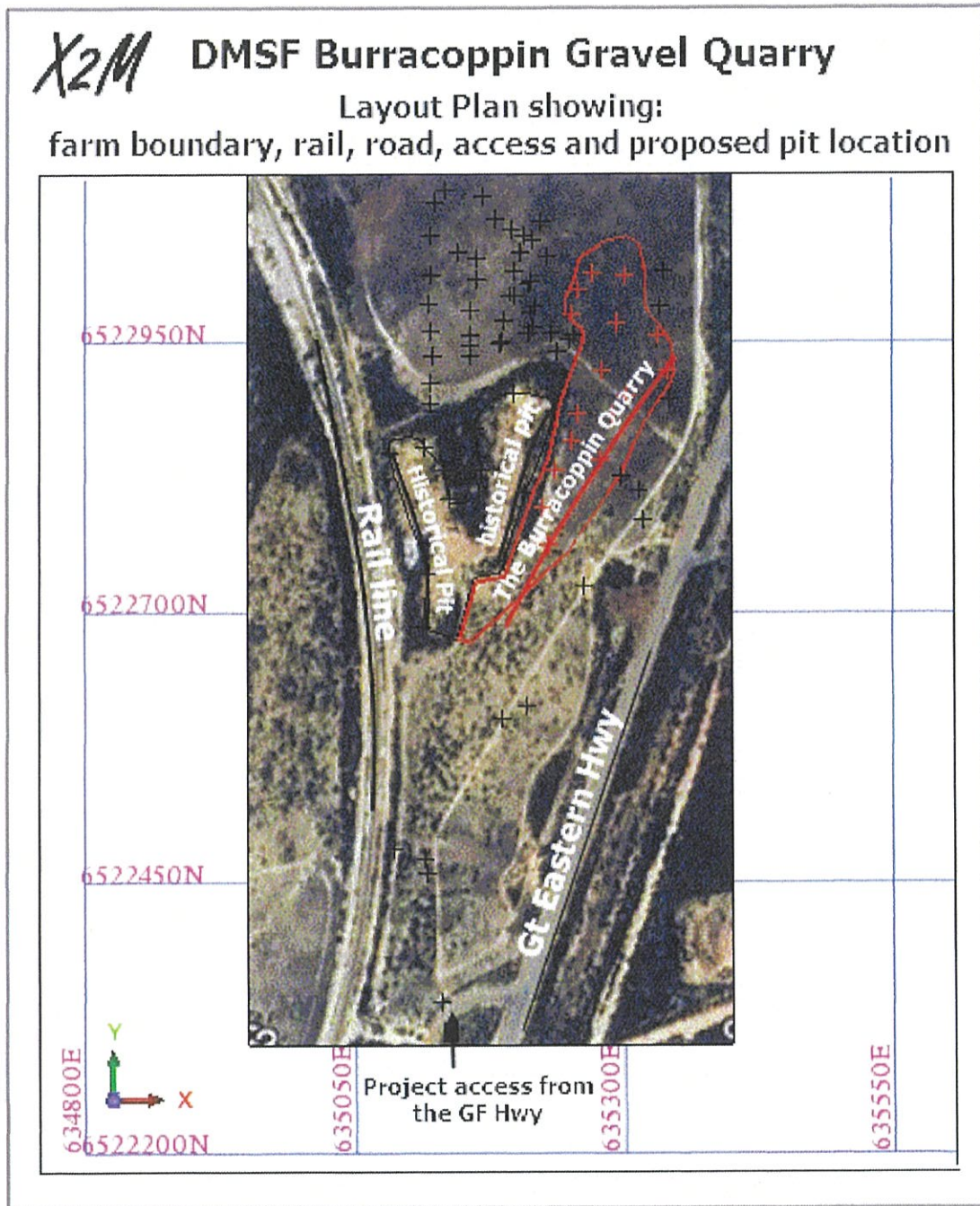


Figure 3 Sample Sites and interpreted Quarry Location

The scope and structure of this Licence application is as follows:

- 2 Shire forms
 - a. Refer Appendix 1
- 3 Plan of the excavation site
- 4 Works excavation program
- 5 Rehabilitation and decommissioning program
- 6 Evidence of the establishment of a surveyed datum peg
 - a. Refer Appendix 2
- 7 Certificate and plans from a licenced surveyor
 - a. Refer Appendix 3
- 8 Evidence of suitable advertising and notification
 - a. Refer Appendix 4
- 9 All land use planning approvals
 - a. Refer Appendix 5
- 10 Environmental approvals
 - a. N.A.
- 11 Geotechnical information
 - a. N.A.
- 12 Consent in writing of the owner of the site
 - a. Refer Appendix 6
- 13 Evidence that a notice has been given to the Commissioner of Soil and Land Conservation
 - a. N.A.
- 14 Any other information that the local government may request
- 15 The licence application fee

2. Shire Forms

A copy of all signed and submitted forms is appended as Appendix 1

3.Plans of the excavation site

A copy of all signed certified survey plans is appended as Appendix 3

1. Deposited Plan
2. Surveyors plan – Overview & Surveyors Plan – Detailed with 1m contours

The Surveyors plans display:

- 2 the existing and proposed contours based on the Australian Height Datum at 1m intervals
- 3 the farm boundaries on which the excavation site is located
 - a. One boundary peg was found to be slightly erroneous in location otherwise all boundaries are correct.
- 4 the external dimensions of the land
- 5 the location and depth of the existing and proposed excavation of the land.
 - a. The development will have a maximum depth of approximately 2.2m
- 6 the location of vehicle access and egress, proposed and existing access routes
- 7 the location of roads, rail, survey stations and power poles
 - a. there are no telephone cables, poles, pipelines, sewers, bridges, cables, reserves and registered grants of easement or other encumbrances on or in the vicinity of the proposed development.
- 8 the location of existing watercourses, fences and proposed warning signage
 - a. There are no dams
- 9 the location of the removed and stored overburden

the location of the mined ore stocks ready for sale will be explained as part of the mining process. (Refer section 4.6.2)

Briefly, in order to reduce costs via double handling and minimise over clearing, clearing of the OB & TS will occur within 6 designed panels and contained to within the pit design. This effectively breaks the 300m long pit into 6 panels. (refer figure 4)

Each panel is approximately 50m long and will be mined from the South to North.

Within each of the 6 proposed panels, OB & TS will be stockpiled on the eastern side of the excavation. The intra panel gravel will be mined in strips between 10 m wide starting from the west, stockpiling the ore on the eastern side.

On completion of a 50m (N-S) panel of gravel removal, the plan is to immediately rehabilitate the panel area, the exhausted portion of the quarry, by pushing the topsoil and overburden back into the shallow excavation, scarifying and reseeding the remnant surface to promote regrowth.

4.Works excavation program

4.1 The Nature and Duration of the Project

The DMSF Burracoppin Gravel Quarry will be mined to a maximum depth of 2.2 meters (refer 4.4), which allows for operator error. The maximum depth of gravel unearthed in the exploration pits shows the gravel to be to a maximum depth of 1.6m with approximately 100 to 300mm of overburden.

The excavated gravel will be "free dig" using a 30 tonne excavator. The term free dig refers to mining without blasting however in this case dozer ripping will also not be required.

The peripheries of the excavation will be mined on a shallow angle, 45 degrees or less. The nature of the gravel deposit is that it is of greatest thickness, (depth), in the middle of the pit and the gravel thins markedly toward the periphery of the open pit.

Logging of the exploration pits, refer figure XXX, displays the periphery of the gravel deposit thinning to less than 300mm and in some cases to 100 mm thickness.

Regarding duration of the project, it is anticipated that the quarry will be spasmodically mined, that is as and when a contract for gravel arises. At this juncture there are no live contracts for gravel, therefore duration of the project is expected to be broadly in the order of 10 years.

DMSF Burracoppin Gravel Quarry

Plan displaying gravel thickness (m), historical pit, current pit design, mining panels, historical pit & OB & topsoil stocks

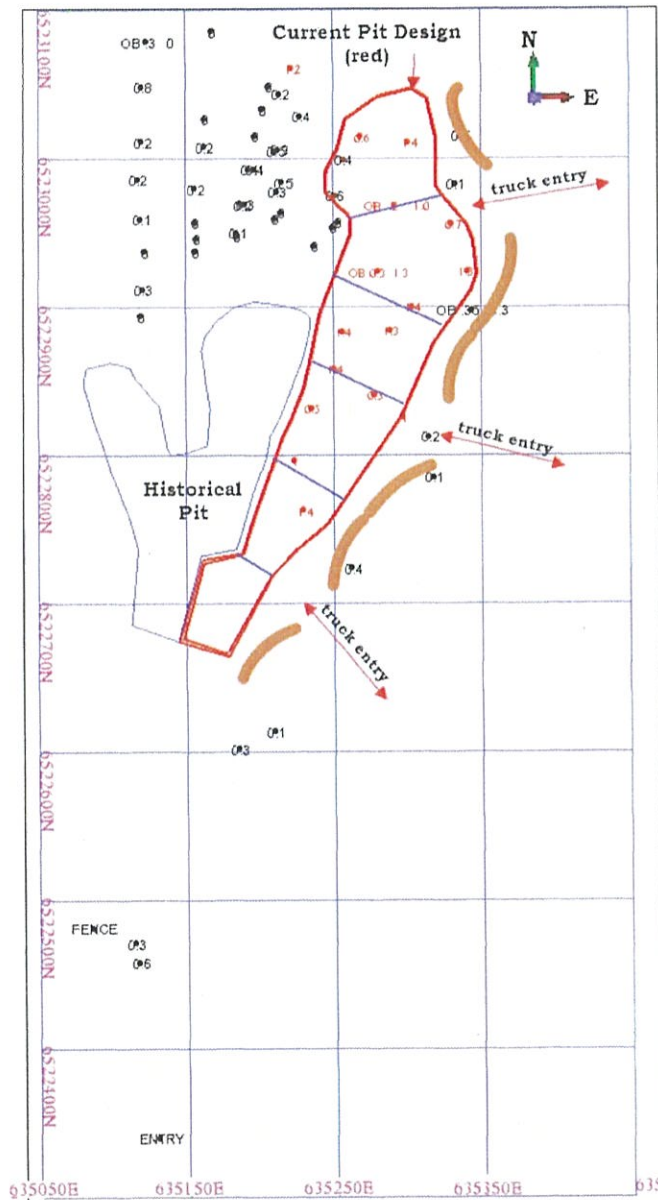


Figure 4 Burracoppin Gravel Quarry - mine layout

DMSF - Burracoppin Gravel Quarry

Ortho-rectified Plan displaying gravel thickness (m), OB & TS stocks, historical pit, tracks roads, fences and the current pit



Figure 5 Burracoppin gravel Quarry - Ortho-rectified mine layout

4.2 Excavation stages & timing

As stated in 4.1 above the DMSF has no live contracts for gravel and it is likely that advertising, both paid and word of mouth, should provide sales (volume unknown) within the initial 6 months post excavation.

The excavation plan will be mined as explained in 3.9a above, refer to figure 6 below. The mining steps are as follows:

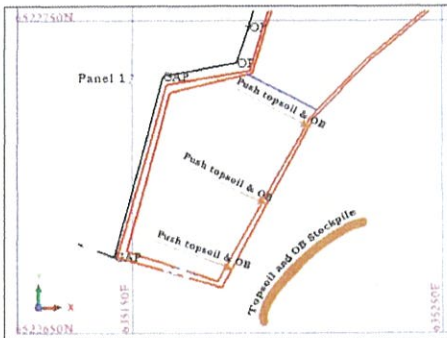
- 1 remove overburden from the initial (50m S-N) panel of gravel. The overburden and topsoil to be stockpiled on the eastern side of the excavation.
- 2 Gravel will then be mined in strips approximately 10m wide starting from the south west corner and completing in the north east corner of the panel. The mined ore will be stockpiled immediately adjacent from where it was excavated, essentially sitting on-top of the next strip of ore to be mined from the same panel.
- 3 Therefore one strip of the panel will be opened and available for sale and when the strip of stockpiled gravel is sold and removed the next strip of gravel can be excavated.
- 4 Once exhausted, each panel of the pit will be rehabilitated.

Timing depends on sales and at this stage sales estimates are unknown.

DMSF - BURRACOPPIN GRAVEL QUARRY Mining Sequence

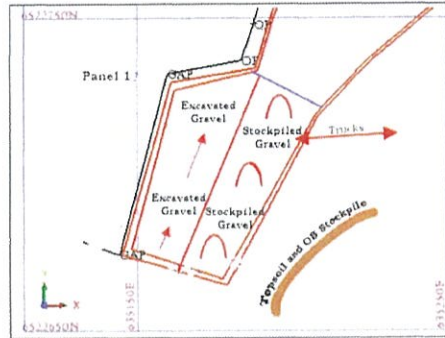
STEP 1

Panel 1
Remove the topsoil & OB from the pit area and deposit into a topsoil stockpile.
Do not remove topsoil & OB outside of the pit area



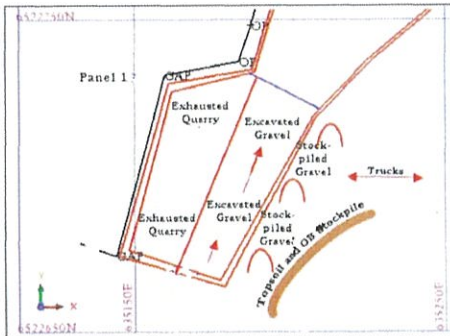
STEP 2

Panel 1
Excavate the gravel from the pit in a 10m wide slice (S to N) and side cast to the east
Remove the gravel from the ore stockpile via loader & truck or excavator & truck



STEP 3

Panel 1
Once sufficient stockpile area has been removed for sale via truck, excavate the 2nd 10m wide strip side casting to the east of the excavation



STEP 4

Panel 2
Remove topsoil and OB from panel 2
Panel 1
Once the gravel stocks have been sold push the topsoil and OB stockpile back into the exhausted quarry panel 1, scarify and seed with local native vegetation

Continue with the excavation and rehabilitation cycle

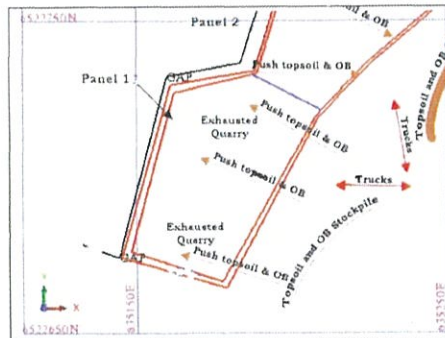


Figure 6 DMSF Mining Sequence with pit depths and topsoil/OB stocks

4.3 Details of the Mining Method

Mining will utilise a 30 tonne excavator. There will be no drill and blast and no dozer ripping. Mining will be on a free dig basis.

There will be no treatment on site.

The gravel horizon will be excavated and stockpiled adjacent to the excavation. On sale, the gravel will be loaded onto trucks using either the 30 tonne excavator or a 24 tonne front end loader. Bucket tonnages measured with a weigh scale.

4.4 Depth of the Historical and Proposed Excavation

The DMSF owned farmlet was historically mined for gravel, date unknown. The historical workings are roughly 0.4 to 2.0 deep and the outline of the historical quarry is displayed in figures 2 to 5 above and also in the surveyed plans in Appendix 2.

The maximum depth of gravel unearthed in the exploration pits shows the gravel to be to a maximum depth of 1.6m with approximately 100 to 300mm of overburden (refer plans 4&5 above).

Therefore allowing for the following below, it is expected that the DMSF Burracoppin Gravel Quarry will be mined to a maximum depth of 2.2 meters.

Type	Thickness (m)
Maximum thickness of gravel	1.6
Maximum overburden	0.3
Allowance for operator error	0.3
Total	2.2

Table 1 Depth of the proposed excavation

4.5 Depth and nature of the overburden

The exploration pits, show the soil profile to be a thin zone of largely yellow to greyish gritty clay 100 to 150mm in thickness with minor (5 to 12%) gravel residues. The overburden appears to be a weathered to clay residue of the underlying granite. The pits were excavated to refusal using a 2030 tonne excavator.

The strongly weathered granite penetrates up to approximately 2 meters depth within the proposed pit area.

In 2 separate locations the overburden increases to a maximum of 300mm however this is more of a local anomaly than common place within the proposed pit area.

The entire pit has an area of 25,500m², hence at an average of 150mm in thickness and a bulk density of 1.6t/m³ the total topsoil and OB for the project = 6,000 tonnes or approximately 1,000 tonnes per mining parcel. This volume will easily fit into the proposed TS & OB windrow stockpiles.

4.6 Method by which existing vegetation, TS & OB will be removed

DMSF - Burracoppin Gravel Quarry

Ortho-rectified Plan displaying gravel thickness (m), OB & TS stocks, historical pit, tracks roads, fences and the current pit

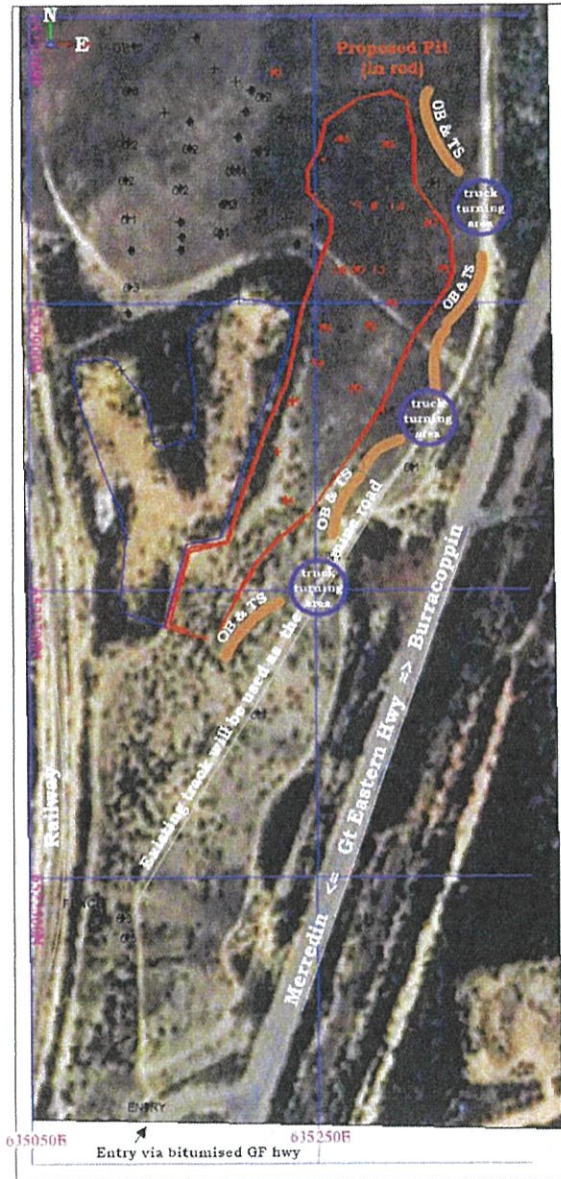


Figure 7 The ortho-rectified image of the mine layout

4.6.1 Existing Vegetation within the proposed mining area

Figures 8 & 9 below, accurately display the vegetation within the proposed mine layout area.

The majority of the area (approximately 70%) is completely cleared of vegetation and would be immediately suitable for farming. The southern portion was completely cleared however has sustained a few years of regrowth.

My comment on this area is "It is as though when the farmer aged, he couldn't be bothered to squeeze his machinery into the tight southern portion."

The area of regrowth is consistent with the classification of "Scattered Vegetation" depicted in Table 1 (page 6, not referenced) within the Native Vegetation Handbook for the Shire of Merredin, authored by Sarah J Weaving.

Scattered Vegetation is defined by S Weaving as:

- No understory
- Parkland cleared, ie at most scattered single trees
- No significant signs or chance of regeneration

The sparse vegetation consists of scattered bushes and shrubs and also some poison weed that is detrimental to sheep and cattle.

Table 1.

Vegetation classed as "remnant vegetation" has one or more of the following characteristics (Beeston *et al*, 1993) :

- Most closely reflects the natural state of vegetation for a given area.
- Has an intact understorey (if forest or woodland).
- Has minimal disturbance by agents of human activity.

Vegetation classed as "modified vegetation" has one or more of the following characteristics:

- Degraded understorey (ie. reduction in the number of native species, includes weeds).
- Obvious human disturbance- clearing, mining, grazing, weeds.
- Affected by salt.
- Narrow corridors of vegetation (usually along roads and railway lines or windbreaks), which are more likely to be affected by edge effects.

Vegetation classed as "scattered vegetation" have:

- No understory.
- Parkland cleared ie. are scattered single trees
- No significant signs or chance of regeneration.


 researchlibrary.agric.wa.gov.au/cgi/viewcontent.cgi?article=1015&context=nat_veg

Table 2 Remnant Vegetation Classification Table (Beetson et al 1993)

4.6.2 Method of clearing OB and topsoil

As a commodity, gravel is sought after however does not command a high price. Therefore, in order to keep costs to a minimum, ie reduce double handling of the gravel, the mining plan is to compartmentalise the mining into 6 panels of approximately 50m in length, South to North.

The overburden and topsoil from each mining panel, 1 panel at a time, will be stockpiled on the eastern side of the excavation as shown in Figure 4 above.

It is planned that the scrub, the topsoil and the overburden contained within the pit boundary for each separate panel will be removed, scraped off using a either front end loader or an excavator.

The topsoil will then be stored in windrows, at a distance of approximately 10m east of the final planned pit design. The plan is to allow the excavator to excavate the gravel from the last slice of the panel and side-cast onto the strip between the pit design and the windrow enabling access for trucks to remove the remaining excavated gravel.

The ore will be mined in strips approximately 10 m wide starting from the west and stockpiling the ore on the eastern side. Once a 50m (S-N) panel of gravel is removed the plan is to immediately rehabilitate the exhausted panel of the quarry.

Rehabilitation will be completed by pushing the scrub remnants, the topsoil and the overburden back into the shallow excavation and then scarifying and seeding the remnant surface and the quarry to promote regrowth.

4.7 Access, thoroughfares to be constructed and truck volume

4.7.1 Project Access

Access will be through a farm boundary gate, in the southern portion of the property, via the bitumised portion of the Goldfields highway, north of the Great Eastern Highway (refer figures 7, 5 & 3 above).

The current gate and access in this area will be widened and flattened to a more acute angle to ensure trucks entering and exiting will not disrupt the constitution of the bitumised Goldfields Highway by turning sharply.

4.7.2 Project roads

These figures also display the existing farm track that will be upgraded and used as the mine road. Truck turning areas will be required within the lease. They will be constructed as shown on figure 7 above, at the windrow openings to enable access for trucks to cart the stockpiled gravel to customers.

4.7.3 Number and size of trucks and the route leaving site

It is difficult to forecast the average number of trucks entering and exiting the site. Many factors influence this forecast, sales volume, duration to complete the round trip (quarry to destination and return) and sales frequency. If one estimates the maximum set at 2,000 tonnes per day this equates to 33 trucks per day.

The trucks that will be used are 50 to 60 tonne side and rear tippers, truck and trailer. They are industry standard trucks for the Wheatbelt and they will either go east on the Gt Eastern highway or they will head west.

Gravel use is widespread throughout the Wheatbelt and the gravel will likely be used by farmers, small business and the local government.

4.8 Improvements

There is no plan for any buildings, water supply, treatment plant, tanks or other improvements to be built on the mining project.

4.9 Drainage

The proposed quarry sits on the shoulder of a broad and gently sloping hill and as such has excellent drainage into an existing dry creek bed (refer figures, 2 to 7).

On completion the quarry should present an excellent trap for modest amounts of meteoric water. There will not be enough volume for standing pools or dams of water however there will be ample volumes of water to promote regrowth in the rehabilitation areas.

4.10 Measures to minimise nuisance, erosion and general public safety issues

4.10.1 Proximity to nearby Residences

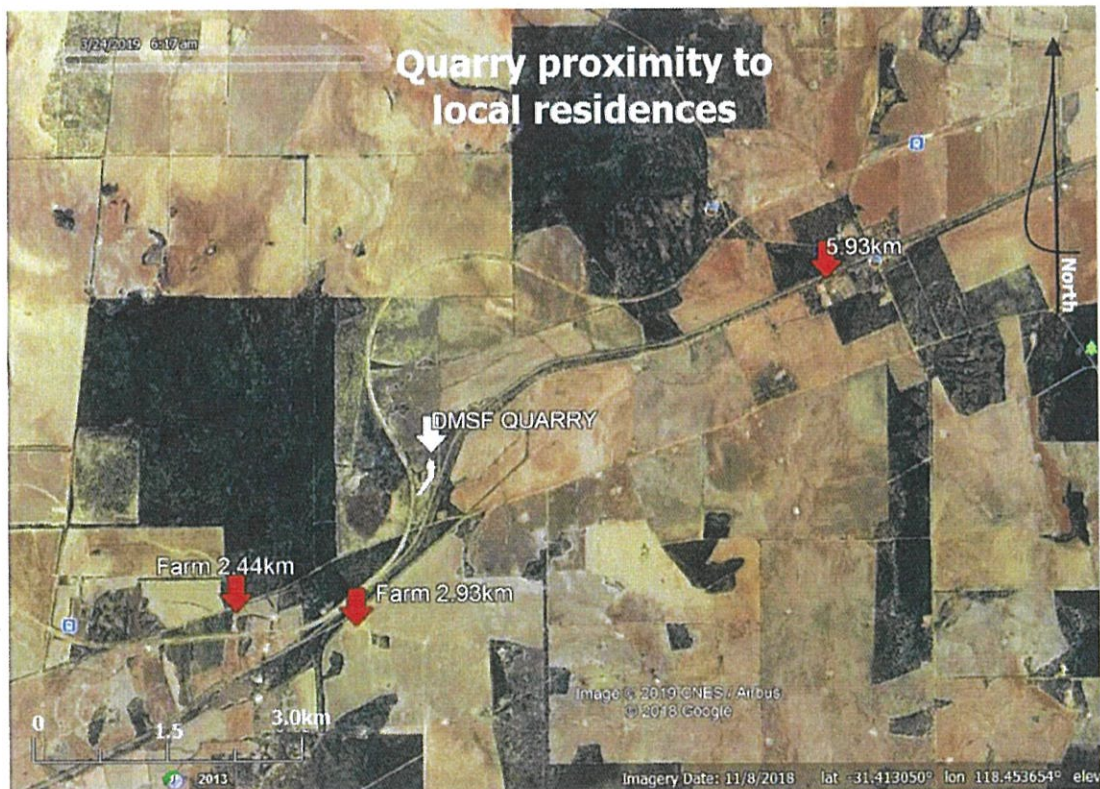


Figure 8 Proximity of the Burracoppin Gravel Quarry to nearby residences

As can be seen in figure 8 above, the closest residence to the Burracoppin Quarry is at a distance of 2.44km to the quarry gate. The closest residence within the township of Burracoppin is at a distance of 5.93km from the quarry gate.

4.10.2 Sand drift and dust

Sand drift is not expected to present an issue as there is no distinct sand that will be mined. The gravel to be mined has a proportion of inherent clay and once the stocks get wet the clay forms a crust which inhibits the creation of large volumes of dust that might create an issue.

Also, the quarry is approximately 100m from the boundary fence therefore is highly unlikely to impact outside of the farm.

There are no adjacent neighbours within 2km, only the highway to the east and the railway to the west.

There will be signage at the main and only entrance to the project. The Signage will stipulate the (PPE) personal protective equipment measures to be used by personnel on site and approved visitors whilst the quarry is operational.

4.10.2 Erosion

The proposed quarry will be mined to a maximum depth of 2.2 m with the walls on a slope angle of 45 degrees. The natural rill angle for this material is 38 degrees therefore the potential peripheral erosion of the pit is close to nil.

4.10.3 Watercourse siltation

This is not applicable. There is a creek bed nearby however this is for rain event runoff and does not contain water for 99.99 % of the year.

4.10.4 Dangers to the General Public

There will be signage at the main and only entrance to the project restricting access to the project and warning of potential hazards. The Signage will stipulate the (PPE) personal protective equipment measures to be used by personnel on site and approved visitors whilst the quarry is operational.

4.11 Measures to comply with the Noise Regulation Act 1997

Table 2 below provides a chart of allowable noise limits from the Noise Regulation Act 1997.

Environmental Protection (Noise) Regulations 1997

Part 2 Allowable noise emissions

Division 1 General provisions

r. 8

Table 1

Type of premises receiving noise	Time of day	Assigned level (dB)		
		L ₁₀	L ₅₀	L ₉₀
Noise sensitive premises: highly sensitive area	0700 to 1900 hours Monday to Saturday	45 + influencing factor	55 + influencing factor	65 + influencing factor
	0900 to 1900 hours Sunday and public holidays	40 + influencing factor	50 + influencing factor	65 + influencing factor
	1900 to 2200 hours all days	40 + influencing factor	50 + influencing factor	55 + influencing factor
	2200 hours on any day to 0700 hours Monday to Saturday and 0900 hours Sunday and public holidays	35 + influencing factor	45 + influencing factor	55 + influencing factor
Noise sensitive premises: any area other than highly sensitive area	All hours	60	75	80
Commercial premises	All hours	60	75	80
Industrial and utility premises other than those in the Kwinana Industrial Area	All hours	65	80	90

Table 3 Noise Regulation Act 1997

Table 4 below provides the maximum noise levels from construction equipment.

The equipment proposed complies with the noise regulation act of 1997 as does all roadworks construction and earth work activity.

1.1.1. Table A17.1 provides indicative construction equipment and typical noise levels associated with the activity.

Table A1.1: Indicative Construction Equipment and Associated Noise Levels

Phase	Activity	Equipment	Quantity	Sound Power (dBA)	ONTIME (percent)	ONTIME CORR (dB)	Corrected Sound Power (dBA)	Combined Sound Power for Activity (dBA)
Advance Works	Utility Diversions	Vibrating Roller Small	1	102	10	-10	92	105.0
		360 Excavator, 15T	1	97	50	-3	94	
		Hiab	1	105	25	-6	99	
		Dumper, 2T	1	105	50	-3	102	
		Pick up	1	102	25	-6	96	
Road Works	Site Set-up	Hiab	1	105	25	-6	99	108.8
		Small Vibrating Roller	1	102	50	-3	99	
		360 Excavator, 15T	1	97	50	-3	94	
		Dumper, 2T	1	105	50	-3	102	
		Delivery lorry	1	109	25	-6	103	
		front end loader	1	109	25	-6	103	
		Fork lift	1	99	25	-6	93	
	Earthworks	360 Excavator, 30T	1	103	75	-1.2	101.8	112.5
		360 Excavator, 30T	1	103	75	-1.2	101.8	
		360 Excavator, 20T	1	99	75	-1.2	97.8	
		40T Dumper truck	1	107	50	-3	104	
		40T Dumper truck	1	107	50	-3	104	
		40T Dumper truck	1	107	50	-3	104	



Table 4 Table of indicative Construction Equipment & Noise Levels

A comparison of the tables displays the fact that the maximum volume of the equipment marginally exceeds the allowable limit however the volume measurements were taken from externally on board positions on the machinery. The volume levels drop significantly when the measurements are taken at a distance of 10m from the machinery.

At no time should an employee or visitor be within 10m of the operating machinery.

The Signage will stipulate the (PPE) personal protective equipment measures to be used by personnel on site and approved visitors whilst the quarry is operational.

4.12 Report detailing “the existing vegetation and the anticipated effect the proposed excavation will have on the environment in the vicinity of the land.”

4.12.1 Existing Vegetation

The DMSF owned property P061250 Lot 812 was historically was completely clear-felled for farming purposes. After this event there was some regrowth on the periphery of the farm boundary.

Refer Figures 9 & 10 below, they display the vegetation within the proposed mine layout area.

As shown in figure 10 below, the majority of the area (approximately 70%) is completely cleared of vegetation and immediately suitable for farming. The southern portion was completely cleared however has a few years of regrowth.

Observation on this area, “It is as though when the farmer aged he couldn’t be bothered to squeeze his machinery into the tight southern portion.”

The area of regrowth post farming is consistent with the classification of “Scattered Vegetation” depicted in Table 1 (page 6, not referenced) within the Native Vegetation Handbook for the Shire of Merredin, authored by Sarah J Weaving (refer table 1).

Scattered Vegetation is defined by S Weaving as:

- No understory
- Parkland cleared, ie at most scattered single trees
- No significant signs or chance of regeneration

The sparse vegetation consists of scattered bushes and shrubs and also some poison weed that is detrimental to sheep and cattle.



Figure 9 A photograph of the vegetation on P061250 lot 812 displaying sample pits

4.12.2 The effect of the Quarry on the surrounding land

When calculating the effect of the proposed excavation one must consider the Sir Charles Lyall phrase circa 1830 when he wrote “the present is the key to the past”.

There is a historical excavation similar in size to the one proposed herein that has been displayed on many images in this report. (refer image 10 below).

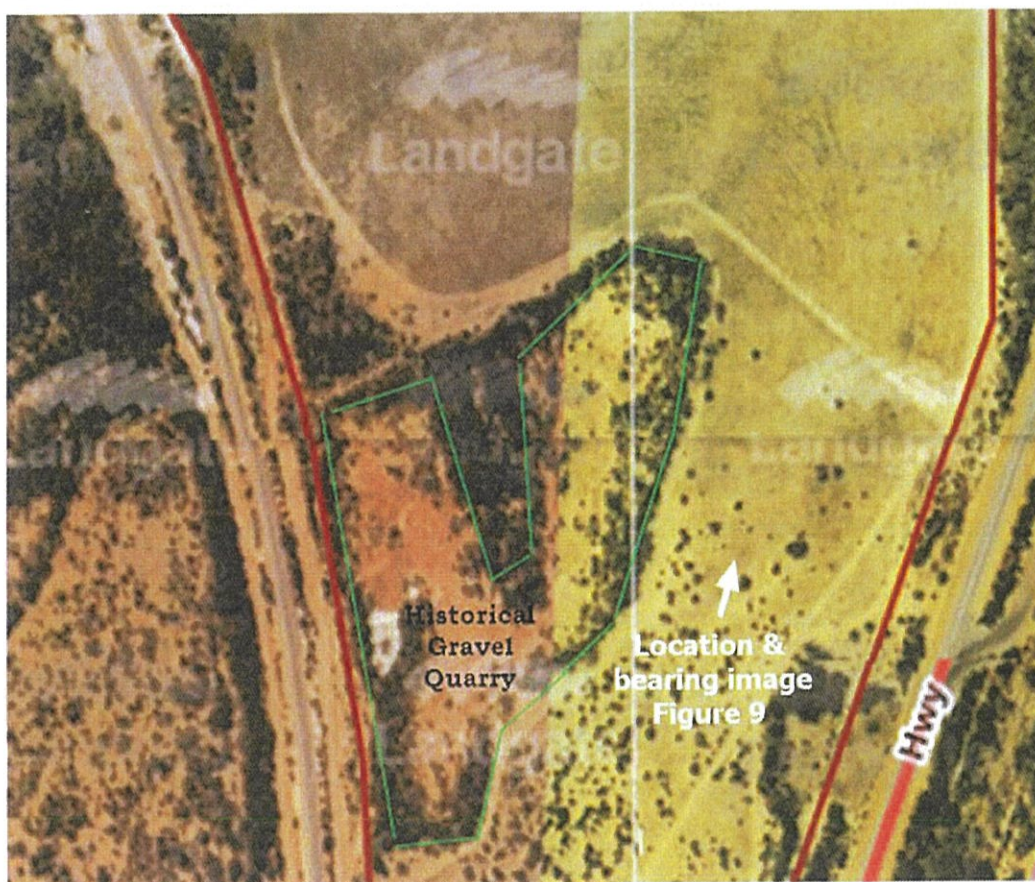


Figure 10 Close up image of the land surrounding the Historical Gravel Quarry

The presence of a historical quarry similar in size to that proposed herein provides certainty that the proposed gravel quarry will have no detrimental effect on the surrounding land.

4.13 Details of the existing shrubs & trees & measures to minimise destruction of existing vegetation

There are no trees on the block, the vegetation consists of regrowth. The dominant species is commonplace in the Merredin and Burracoppin district in sandy gravels:

- 1 Predominantly (+75%) Acacia bushes and shrubs.
 - a. Dominantly Acacia Acuminata
 - b. Some Acacia Lafyocalic
- 2 Minor Casurina bushes
 - a. Allacasurina Compustrus
 - b. Allacasurina Acudevalvus
- 3 Grasses weeds
- 4 Poison bush (Gastrolobium) refer figure 11 below



Figure 11 Poison bush (Gastrolobium)

Measures to minimise the impact of clearing are as follows:

- 1 The containment of clearing to within the open pit shell
(Reproduced from point 3.9 page 10 of this report)
Clearing of the OB & TS will occur within 6 designed panels and contained to within the pit design. This effectively breaks the 300m long pit into 6 panels.
(Refer figure 6)

Each panel is approximately 50m long and will be mined from the South to North.

- 2 The use of existing roads and tracks
The use of existing roads and tracks will minimise additional clearing required.
- 3 The "Panel" mining style
The panel system ensures that only the required portions of the pit will be cleared and mined, instead of clearing a large area that may be outside of the required and economic boundaries.
- 4 Not erecting infrastructure
As the mining will be spasmodic, there will be no requirement for infrastructure and this measure will also minimise clearing requirements.

4.14 Measures to Screen the Excavation Site

The excavation site is wedged between a main railway and a main highway the factors listed below will reduce the visibility of the site from both transport systems. (Refer figure 12 below)

- 1 The location of the quarry is in the middle of the land parcel and therefore the excavation will occur from 140m to a minimum of 70m from the north side of the highway.
- 2 The Stockpiles of OB and TS are located on the eastern side and will screen the active mining area from the highway. It is expected that the stockpiles will be approximately 3 m high. (refer figure 12 below)
- 3 There is regrowth vegetation between the pit and the highway at the closest point.
- 4 The bushy Acacia regrowth in the wet areas provided by the historical pit, on the periphery within and just outside of the historical pit, will provide a bush screen between the pit and the railway line.

DMSF - Burracoppin Gravel Quarry

Ortho-rectified Plan displaying gravel thickness (m), OB & TS stocks, historical pit, tracks roads & proximity to road and rail

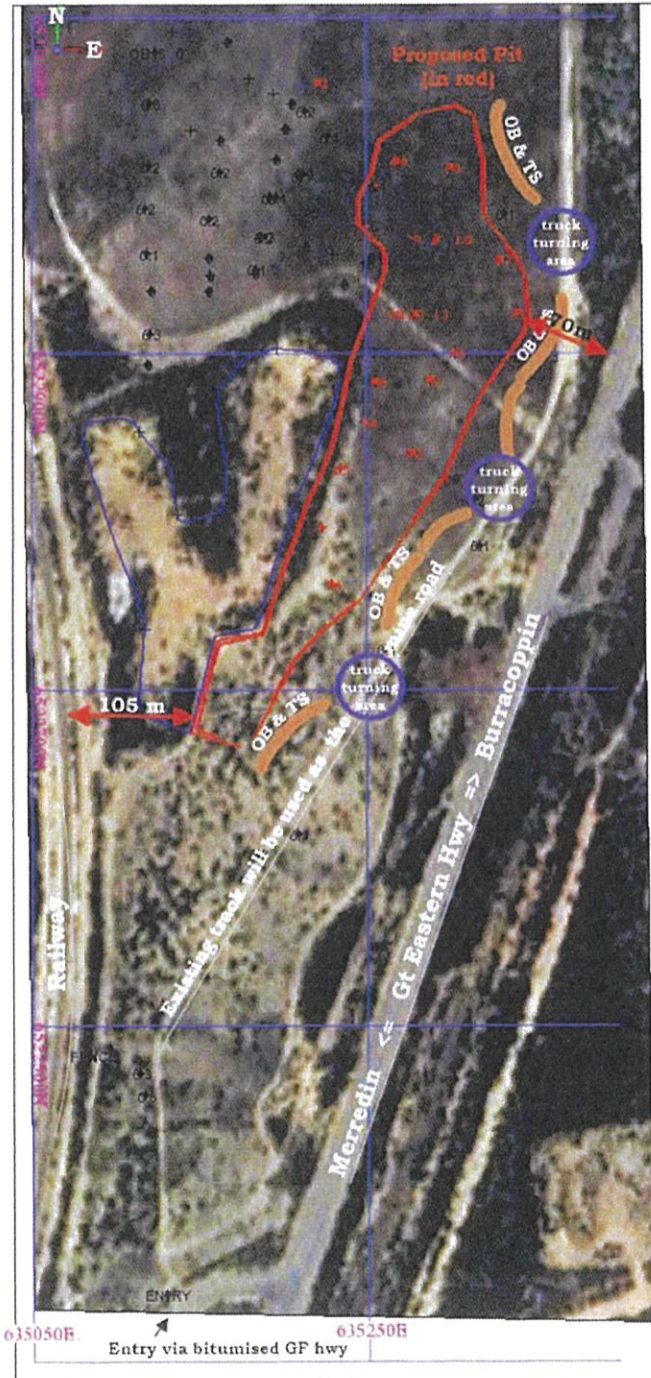


Figure 12 Burracoppin Gravel Pit - proximity to road & rail

5 Rehabilitation and Decommissioning Program

This Rehabilitation and Decommissioning Program (“RDP”) has been prepared by X2M Exploration to Mining in support of a Extractive industries Licence for the Derek Mason Super Fund (DMSF) owned farm which contains the Burracoppin Gravel Project (the “Project”) of DMSF.

The DMSF farmlot, Plan number 061250 Lot number 812, is located approximately 20km east of the township of Merredin on the north side of the Great Eastern Highway.

The entrance to the project is via the bitumised portion of the Goldfields Road to the north of the Great Eastern highway (see Figures 1 to 3 below).

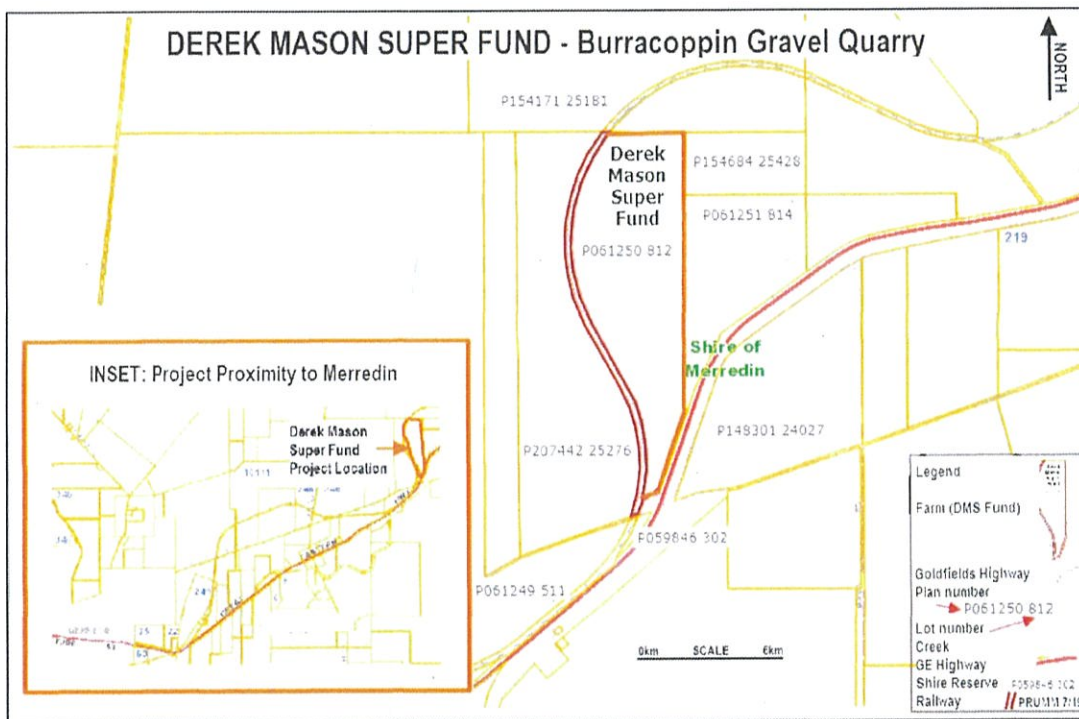


Figure 13 DMSF – Burracoppin Gravel Quarry – Project Location Diagram

The scope and structure of this RDP is as follows:

- 1 Outline the objectives of the RDP
- 2 Whether rehabilitation will occur progressively or on completion of the project
- 3 The restoration process
 - a. How mining faces are made safe and batters sloped
 - b. Top-soil placement and revegetation
 - c. Trees and shrubs to be planted and other landscaping features developed
 - d. Scarification of unused tracks and disturbed areas
- 4 Maintenance of rehabilitated areas
- 5 Removal of buildings, plant, waste and final site clean-up

5.1 The Objectives of Rehabilitation and Decommissioning Program

On completion of the mining, the objective of the RDP, will be to allow the area to regenerate to the pre farming natural state.

Decommissioning will consist of removing the excavator and trucks from site once the rehabilitation program is completed. There will be no buildings or infrastructure associated with this quarry.

The following objectives have been derived for rehabilitation and decommissioning of the area disturbed by the project:

- The mine site will be safe to humans and fauna
- Mining and rehabilitation will create a landform that is stable and with land use capabilities and/or suitabilities as determined in the RDP
- Mine wastes and disturbed land will be rehabilitated so that they are non-polluting and self-sustaining or to a condition where the maintenance requirements are consistent with an agreed post-mining land use
- Surface and ground waters that leave the project area will not be degraded compared to their condition prior to the commencement of mining operations.
- Current and future water quality, other than water quality impacts associated with subsequent land users, will be maintained at levels that are within defined water quality criteria
- Hazardous materials will be identified and adequately managed to ensure the site is non-polluting
- Revegetation will consist of flora that is suitable for the gravelly granitic soil of the Merredin district

5.2 Restoration timetable of the excavation site

5.2.1 Restoration Timetable

The DMSF owned farmlet was historically mined for gravel, date unknown. The historical workings are roughly 0.4 to 2.0 deep and the outline of the historical quarry is displayed in figures 2 to 5 above and also in the surveyed plans in Appendix 2.

The maximum depth of gravel unearthed in the exploration pits shows the gravel to be to a maximum depth of 1.6m with approximately 100 to 300mm of overburden (refer plans 13 below).

Therefore allowing for the following, it is expected that the DMSF Burracoppin Gravel Quarry will be mined to a maximum depth of 2.2 meters.

Type	Thickness (m)
Maximum thickness of gravel	1.6
Maximum overburden	0.3
Allowance for operator error	0.3
Total	2.2

Table 5 Depth of the proposed excavation

Regarding duration of the project, it is anticipated that the quarry will be spasmodically mined, that is as and when a contract for gravel arises. At this juncture there are no live contracts for gravel, therefore duration of the project is expected to be broadly in the order of 10 years.

DMSF Burracoppin Gravel Quarry

Plan displaying gravel thickness (m), historical pit, current pit design, mining panels, historical pit & OB & topsoil stocks

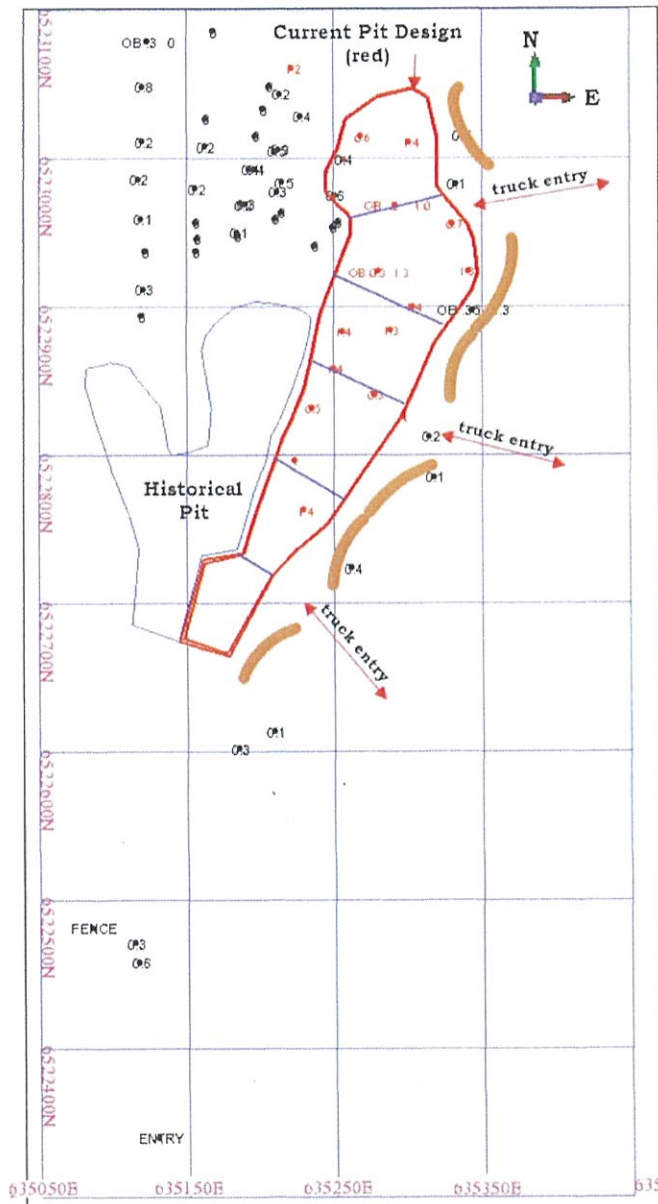


Figure 14 Burracoppin Gravel Quarry - mine layout

DMSF - Burracoppin Gravel Quarry

Ortho-rectified Plan displaying gravel thickness (m), OB & TS stocks, historical pit, tracks roads, fences and the current pit

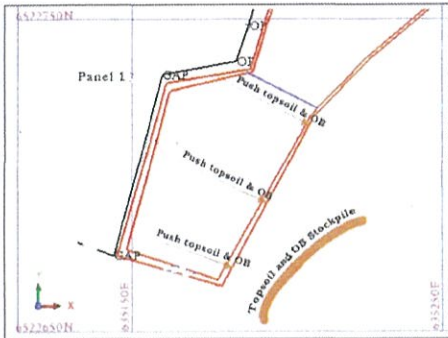


Figure 15 Burracoppin gravel Quarry - Ortho-rectified mine layout

DMSF - BURRACOPPIN GRAVEL QUARRY Mining Sequence

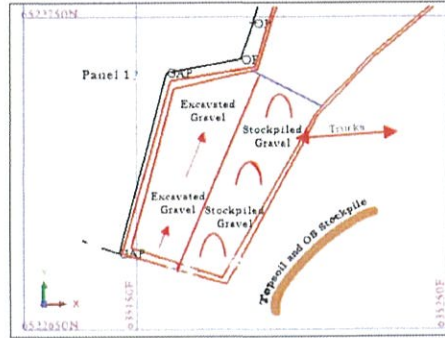
STEP 1

Panel 1
Remove the topsoil & OB from the pit area and deposit into a topsoil stockpile.
Do not remove topsoil & OB outside of the pit area



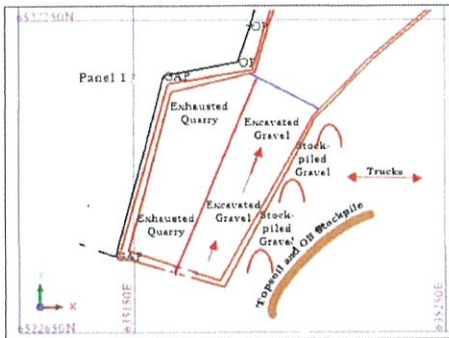
STEP 2

Panel 1
Excavate the gravel from the pit in a 10m wide slice (S to N) and side cast to the east
Remove the gravel from the ore stockpile via loader & truck or excavator & truck



STEP 3

Panel 1
Once sufficient stockpile area has been removed for sale via truck, excavate the 2nd 10m wide strip side casting to the east of the excavation



STEP 4

Panel 2
Remove topsoil and OB from panel 2
Panel 1
Once the gravel stocks have been sold push the topsoil and OB stockpile back into the exhausted quarry panel 1, scarify and seed with local native vegetation

Continue with the excavation and rehabilitation cycle

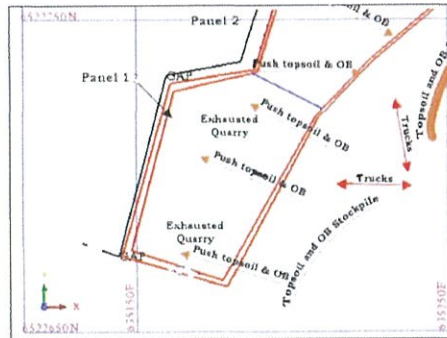


Figure 16 DMSF Burracoppin Gravel Quarry – Diagrammatic Mining Sequence

5.2.2 Progressive Rehabilitation Plan

The DMSF proposes a progressive rehabilitation plan. The progressive plan ensures that lessons can be learnt from the initial rehabilitation episodes. For example the best plant species to suit the gravelly sands and how deep to scarify. The lessons learned from rehabilitation of the initial panels will ensure that when mining is completed in the Burracoppin Gravel Quarry, the area will have effective regeneration of flora.

As stated in 5.2.1 above the DMSF has no live contracts for gravel hence it is expected that the project may last for 5 to 10 years.

The planned pit is approximately 300m long. The plan is to mine 6 panels each approximately 50m long, from the South to North, and progressively rehabilitate the panels once excavation and sales of the gravel from that panel is completed.

The excavation plan is displayed in figure 16 above. The sequence will be as follows:

- 1 Remove the overburden from the initial (50m S-N) panel of gravel. The overburden and topsoil will be stockpiled on the eastern side of the excavation.
- 2 The gravel will then be mined in strips approximately 10m wide starting from the south west corner and completing in the north east corner of the panel. The mined gravel will be stockpiled immediately adjacent from where it was excavated, essentially sitting on-top of the next strip of ore to be mined from the same panel.
- 3 Therefore one strip of the panel will be opened and available for sale and when the strip of stockpiled gravel is sold and removed the next strip of gravel can be excavated.
- 4 Once exhausted of gravel, each panel of the pit will be progressively rehabilitated.

5.3 The Restoration Process

5.3.1 How Mining faces are made safe and batters sloped

Mining faces of the completed quarry will generally be less than 1 meter high to a maximum height of 1.1m. During mining the batters will be sloped to less than the natural rill angle of 38 degrees, using the same excavator that is used for mining.

The angle of <38 degrees over such a shallow height (<1.1m) will provide a stable landform that can sustain regeneration and will pose no threat to humans or fauna. This can be evidenced in the historical gravel excavation adjacent to the proposed BGQ refer figure 15 above.

5.3.2 Top-soil replacement and revegetation

Prior to mining, a 50m long (South to North) segment of the pit will be cleared of topsoil (TS) and overburden (OB). The topsoil will be stockpiled as a windrow to the east of the excavation as per steps 1 to 4 of figure 16 above.

Upon completion of a panel for both excavation and sales and then completion of flattening the batter angles, the TS and OB will be re-spread over the excavated pit area by dragging the TS and OB with the excavator bucket. On completion the pit area will be scarified with the excavator teeth. Scarified is when the surface is ripped so that seeds and meteoric water can get trapped, to ensure they don't runoff and accumulate in a main trap area. This will promote seed germination and an even regrowth throughout the mined area.

5.3.3 Landscaping features developed

There are no plans for landscaping features other than making the site safe for humans and fauna and promoting the growth of local vegetation.

5.3.4 Soil type and suitable Flora

Once the topsoil and overburden has been re-spread over the quarry area re-seeding with native seeds will occur. Not all trees can grow in the soil of the DMSF property. Common tree species that can grow well in the sandy granitic soils of the property are:

- *Eucalyptus loxophleba ssp lissophloia* (Smooth-barked York Gum)
- *Allocasuarina sp. Sheoak*
- *Acacia acuminata*
- *Allacasurina compestrus*

In the Wheatbelt seeds can be collected along less well travelled backroads between the months of January and March. It is at this time that the roadside trees drop their seeds onto the roads.

Seeds will be collected and stored for revegetation after the rehabilitation and decommissioning steps are completed.

There are no plans to plant trees and or shrubs during the rehabilitation. The reason for this is review of the historical excavation site adjacent to the proposed site.

The area was less than optimally rehabilitated however substantial revegetation is visible refer figure 9 above. It is expected that with the substantive proposed measures proposed, as above, the rehabilitation will take hold swiftly and flourish.

5.3.5 Rehabilitation lessons from the Historical pit

The historical pit (HP) displays areas of both excellent and poor rehabilitation and excellent lessons can be learned from this poignant example.

The peripheral portions of the HP feature excellent regrowth. The main reason for this is obviously the trapping of water, seeds and detrital matter, giving the vegetation the opportunity to take root.

In the central portions of the HP mined area the regrowth has been slow to regenerate. The main issue is the smoothness of the ground surface. In this area the water, seeds and detrital matter run off during meteoric events and do not get trapped.

The proposed scarification will promote regrowth by limiting the runoff. Hence the wind will blow the seeds and detritals in they will get trapped and during meteoric events the ensuing water will provide the opportunity for the seeds to germinate and take hold.

5.3.6 Rehabilitation Plan for the historical pit

As a part of the rehabilitation process of the BGQ, the DMSF will ensure that the central portion of the HP, that is currently smooth and lacking regrowth, will be scarified and reseeded with native flora suited to gravelly sandy soil type of the granitic terrane.

This is proposed to occur during rehabilitation of the first mining panel. In that way early understanding of the rehabilitation process will ensure that, on completion of the Burracoppin Gravel Quarry, the entire mined area including the HP area is fully rehabilitated.

5.4 Maintenance of Rehabilitated Areas

On completion of the mining project and rehabilitation of the quarry, the area will be fenced off to stop access to the area. Signage will be erected to deter the entering of humans and or machinery into the rehabilitated area.

All of the tracks, the vehicle access routes and the disturbed areas not in use will be scarified and reseeded.

It is expected that by the end of the first year the initial mining panel (panel 1) will be rehabilitated. It will be increasingly obvious which rehabilitation measures work well and which ones don't during the ensuing 4 to 9 years of the project.

5.5 Removal of plant, waste and final site clean-up

Please note, the Burracoppin Gravel Quarry will not have the resources of gravel to become a full time quarry. Best case scenario is that it will be worked spasmodically throughout the year, providing possibly 2 to 3 months of full time work. As such there is insufficient turnover to support setting up and maintaining on site infrastructure.

On completion of the project all plant and waste will be removed from site. All of the cleared areas, tracks and roads other than the main property access road will be scarified and re-seeded to discourage entry by humans.

Appendix 1 Shire Forms

1. Application for a Mineral Extraction Licence
2. Certificate of Title

Appendix 2 Evidence of the Datum Peg

Image

Appendix 3 Licenced Surveyors Certificate and Survey Plans

1. Landgate Deposited Plan
2. Survey Plans Overview and Detail

Appendix 4 Evidence of clause 2.2(1) & (2) – Advertising the proposal

Appendix 5 Copies of Landuse Planning Approvals

Appendix 6 Consent in writing from the owner of the excavation site

Letter from D B Mason

WESTERN



AUSTRALIA

REGISTER NUMBER	
812/DP61250	
DUPLICATE EDITION	DATE DUPLICATE ISSUED
2	15/7/2019

RECORD OF CERTIFICATE OF TITLE
UNDER THE TRANSFER OF LAND ACT 1893

VOLUME 2704 FOLIO 923

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.



REGISTRAR OF TITLES

LAND DESCRIPTION:

LOT 812 ON DEPOSITED PLAN 61250

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

DEREK BARRY MASON OF PO BOX 125 MERREDIN WA 6415

(T O191448) REGISTERED 10/7/2019

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

Warning: A current search of the sketch of the land should be obtained where detail of position, dimensions or area of the lot is required.
* Any entries preceded by an asterisk may not appear on the current edition of the duplicate certificate of title.
Lot as described in the land description may be a lot or location.

-----END OF CERTIFICATE OF TITLE-----

STATEMENTS:

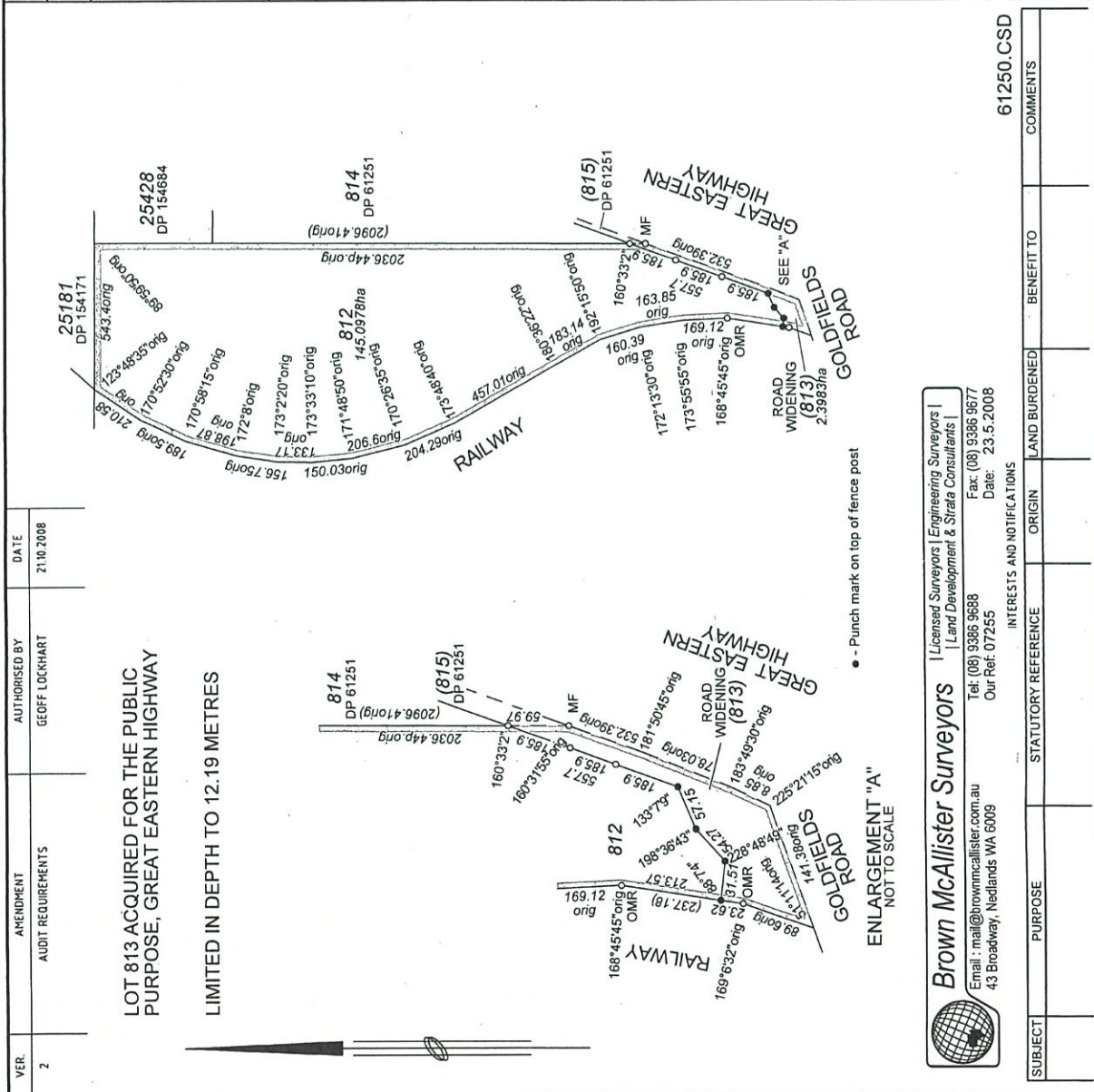
The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: DP61250
PREVIOUS TITLE: 1910-191
PROPERTY STREET ADDRESS: NO STREET ADDRESS INFORMATION AVAILABLE.
LOCAL GOVERNMENT AUTHORITY: SHIRE OF MERREDIN

DP 61250



TYPE FREEHOLD	PLAN OF	55A XES / ND
PURPOSE ACQUISITION		
LOT 812 AND ROAD WIDENING (LOT 813)		
DISTRICT AVON	FILE BURRACOPPIN	
TOWNSITE SHIRE OF MERREDIN		
LOCALITY BURRACOPPIN		
FORMER TENURE LOT 28279 DP 207442 CT 1910-191	ON INDEX MERREDIN (50)	FIELD BOOKS 104914 104918
SCALE 1:15000 @ A3		0 200 400 600 800 1000
<p>SURVEYORS CERTIFICATE - Completed</p> <p>I, GEOFF LOCKHART hereby certify that this compiled plan represents the true and correct representation of the subject land and is in accordance with the relevant law(s) in relation to which it is lodged.</p> <p>(a) I am a duly qualified and registered surveyor of the subject land and (b) I have taken all reasonable precautions to ensure the accuracy of the plan and that it complies with the relevant law(s) in relation to which it is lodged.</p> <p>Licensed Surveyor: <i>[Signature]</i> Date: <i>[Date]</i></p>		
<p>SURVEYORS CERTIFICATE - Completed</p> <p>I, GEOFF LOCKHART hereby certify that this compiled plan represents the true and correct representation of the subject land and is in accordance with the relevant law(s) in relation to which it is lodged.</p> <p>(a) I am a duly qualified and registered surveyor of the subject land and (b) I have taken all reasonable precautions to ensure the accuracy of the plan and that it complies with the relevant law(s) in relation to which it is lodged.</p> <p>Licensed Surveyor: <i>[Signature]</i> Date: <i>[Date]</i></p>		
LODGED DATE 30-Sep-08	TYPE OF VALIDATION T. Goodman	SURVEY FIRM JBA SURVEYS
LOAN ACCOUNT NUMBER 01731-2005/11	APPROVED BY WESTERN AUSTRALIAN PLANNING COMMISSION	FILE 402-1-1-34
FEE PAID \$245.00	DELEGATED UNDER S16 P & D ACT 2005	DATE 5/11/2008
ASSESSMENT NUMBER 4353969	DATE 22-Oct-2008	
<p>SUBJECT TO <i>Taking Order & Dedication</i></p>		
<p>APPROVED <i>[Signature]</i> DATE 6.11.08</p>		
<p>INSPECTOR OF PLANS & SURVEYS DATE 17.11.08</p>		
<p>AUTHORIZED LAND OFFICER DATE 17.11.08</p>		



VER.	2
AMENDMENT	AUDIT REQUIREMENTS
AUTHORISED BY	GEOFF LOCKHART
DATE	21.10.2008

LOT 813 ACQUIRED FOR THE PUBLIC PURPOSE, GREAT EASTERN HIGHWAY LIMITED IN DEPTH TO 12.19 METRES

Brown McAllister Surveyors | Licensed Surveyors | Engineering Surveyors |
| Land Development & Strata Consultants |

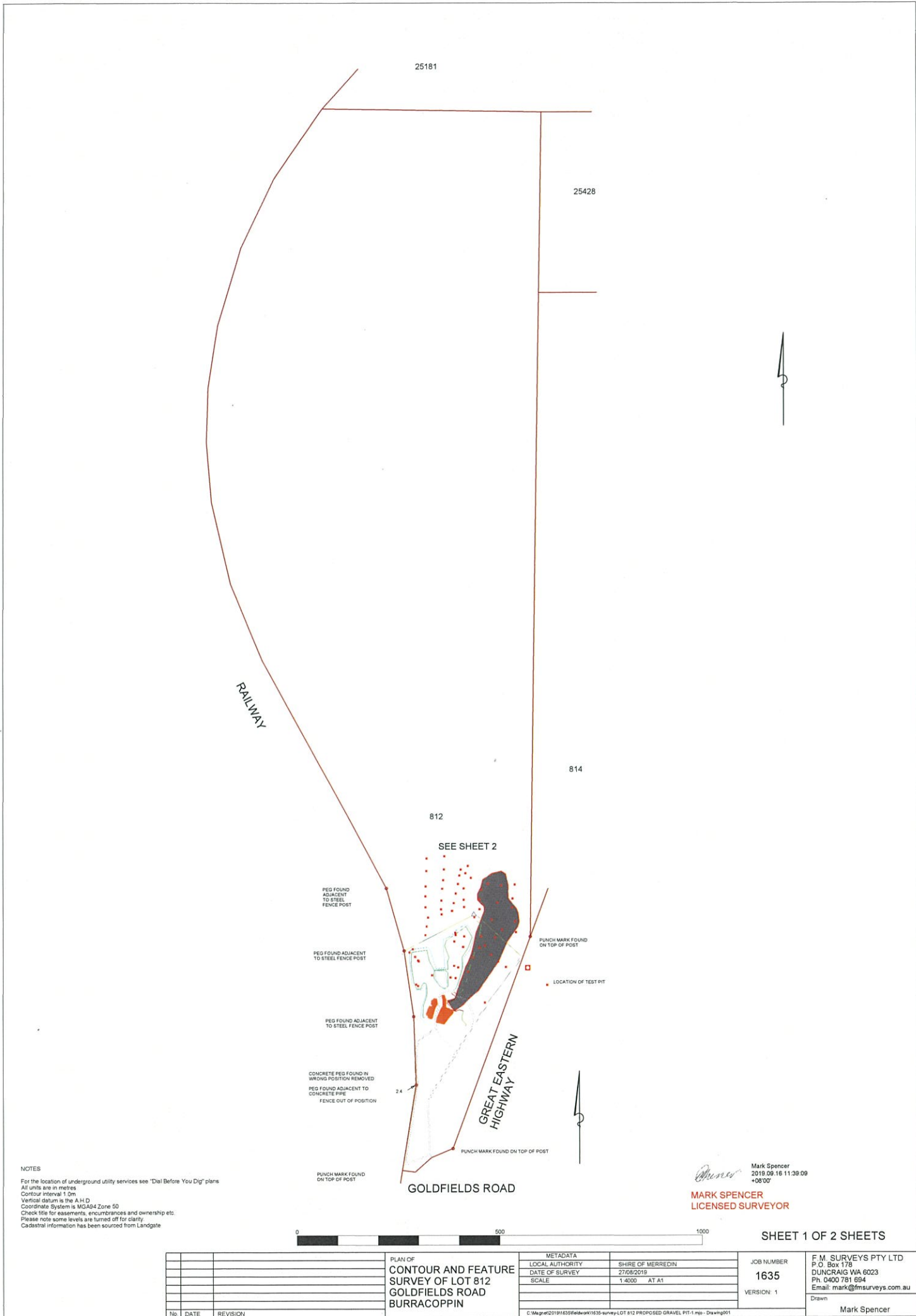
Email: mail@brownmcallister.com.au Tel: (08) 9386 9688 Fax: (08) 9386 9677
43 Broadway, Nedlands WA 6009 Our Ref: 07255 Date: 23.5.2008

SUBJECT	PURPOSE	STATUTORY REFERENCE	ORIGIN	LAND BURDENED	BENEFIT TO	COMMENTS
						61250.CSD

Landgate
Western Australian Land Information Authority

DEPOSITED PLAN
61250
ORIGINAL

SHEET 1 OF 1
VERSION 2



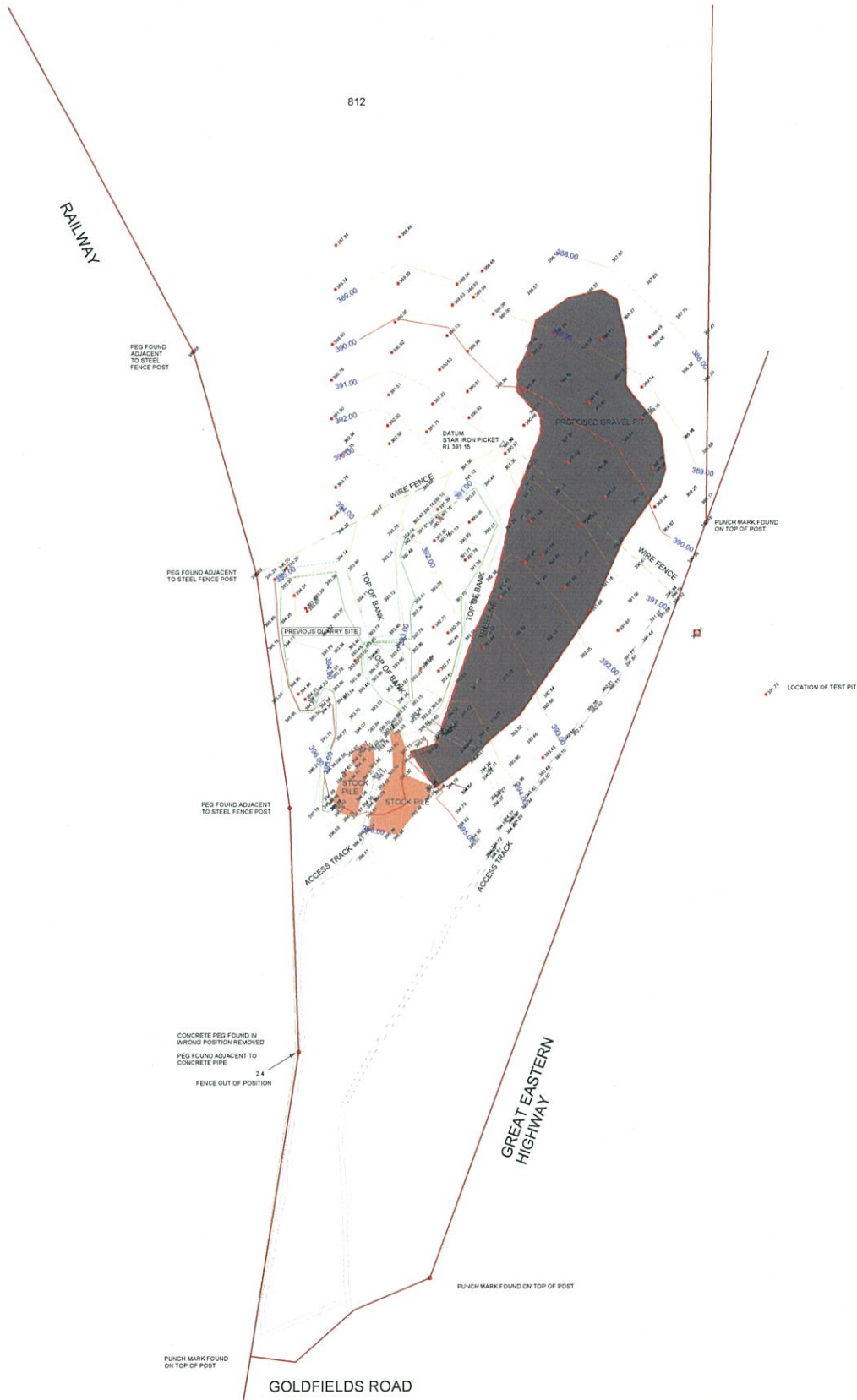
NOTES
 For the location of underground utility services see 'Dial Before You Dig' plans
 All units are in metres
 Contour interval 1.0m
 Vertical datum is the A.H.D
 Coordinate System is MGA84 Zone 50
 Check title for easements, encumbrances and ownership etc.
 Please note some levels are turned off for clarity
 Cadastral information has been sourced from Landgate

Mark Spencer
 Mark Spencer
 2019.08.16 11:39:09
 +08'00'
MARK SPENCER
 LICENSED SURVEYOR



SHEET 1 OF 2 SHEETS

PLAN OF			METADATA		JOB NUMBER 1635	F M SURVEYS PTY LTD P O Box 178 DUNCRAIG WA 6023 Ph. 0400 781 694 Email: mark@fmsurveys.com.au
CONTOUR AND FEATURE SURVEY OF LOT 812 GOLDFIELDS ROAD BURRACOPPIN			LOCAL AUTHORITY	SHIRE OF MERREDIN		
			DATE OF SURVEY	27/08/2019	VERSION: 1	Drawn Mark Spencer
			SCALE	1:4000 AT A1		
No	DATE	REVISION	C:\Magret\2019\1635\Feldwork\1635-survey\LOT 812 PROPOSED GRAVEL PIT-1.mxd - Drawing01			



NOTES

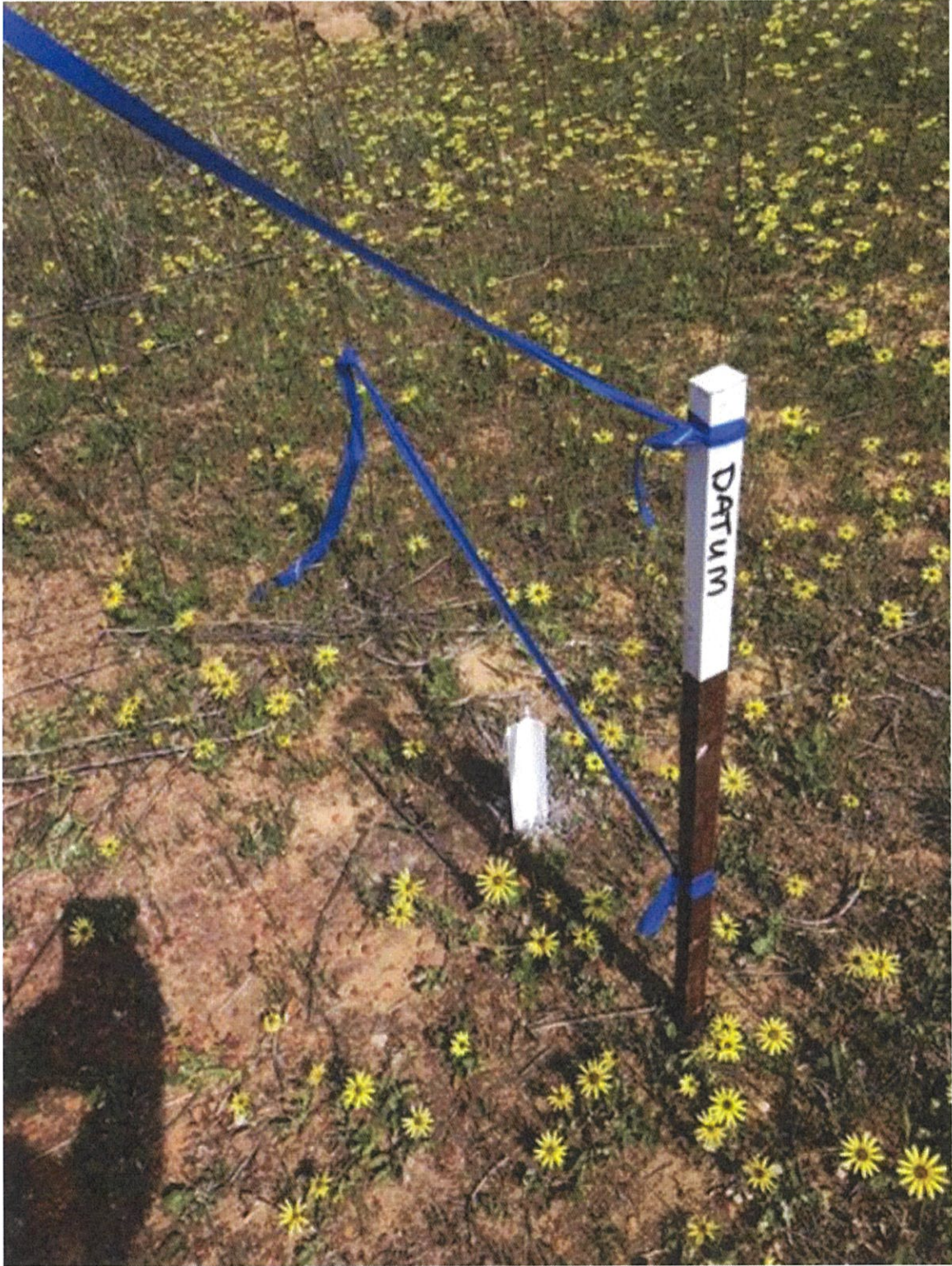
For the location of underground utility services see 'Dig Before You Dig' plans
 All units are in metres
 Contour interval 1.0m
 Vertical datum is the A.H.D
 Coordinate System is MGA84 Zone 50
 Check title for easements, encumbrances and ownership etc.
 Please note some levels are turned off for clarity
 Cadastral information has been sourced from Landgate


 Mark Spencer
 2019.09.16 11:39:34
 +0800
MARK SPENCER
LICENSED SURVEYOR



SHEET 2 OF 2 SHEETS

PLAN OF CONTOUR AND FEATURE SURVEY OF LOT 812 GOLDFIELDS ROAD BURRACOPPIN			METADATA LOCAL AUTHORITY SHIRE OF MERREDIN DATE OF SURVEY 27/08/2019 SCALE 1:1500 AT A1		JOB NUMBER 1635 VERSION: 1		F M SURVEYS PTY LTD P O Box 178 DUNCRAIG WA 6023 Ph. 0400 781 694 Email: mark@fmsurveys.com.au Drawn Mark Spencer	
No	DATE	REVISION	<small>C:\Magnt\2019\1635\delcov\1635-survey\LOT 812 PROPOSED GRAVEL PIT-1.mxd - Drawing02A</small>					



CLASSIFIEDS

Position Vacant



Service Technician – Wongan Hills

AFGRI Equipment is a dynamic company which has grown from 3 to 15 branches throughout WA in the last 4 years. We are the largest John Deere Dealership and our primary focus is our employees and customers. If you are looking for career progression, industry best training and working with a great team, we encourage you to submit your application today!

AFGRI Wongan Hills Branch are looking for an experienced Service Technician. The Successful candidate will need to be a team player with excellent mechanical knowhow and a 'get it done' attitude. Wongan Hills has a current team of 9 employees made up of technicians and apprentices working on John Deere, Manitou, Equalizer and other ag equipment.

What we offer:

- Base Salary + Monthly bonus based on performance KPIs
- Work UTE and laptop
- Training via John Deere University
- Coaching from Group Aftermarket Manager to develop your skill
- The opportunity for promotion and career development

Job Responsibilities

- Reassemble machines and equipment following repair; test operation; and make adjustments as necessary
- Maintain, repair, and overhaul farm machinery
- Diagnose, repair or replace defective parts
- Test and replace electrical components and wiring
- Knowledge of AMS technology, training given
- Record details of repairs made, and parts used
- Clean and lubricate parts
- Service or overhaul engines
- Dismantle defective machines for repair
- Examine and listen to equipment, read inspection reports, and confer with customers to locate and diagnose malfunctions

The successful applicants will:

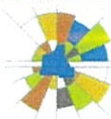
- Have relevant heavy diesel trade qualifications preferably in the agricultural industry
- Possess the ability to deliver competent technical support to the customers and apprentice
- Have high level diagnostic experience with electrical systems and circuits
- Be able to work in a field service environment
- Be computer literate
- Have pride in the work you turn out and be able to work to time frames and deadlines

If you are an ambitious, hardworking individual, waiting for an opportunity to take the next step in your career, don't let this opportunity of a lifetime go by. Apply now to avoid disappointment.

To apply, please send your CV to bbarratt@afgri.com.au or call Brendan Barratt at 0429 378 575.

We want you!! 2 Year, Full time Cert 3, Junior Pharmacy Assistant Traineeships. Yes we pay for the course. Yes you get paid to work. Hurry they won't last. Drop your resume into one of our Pharmacists at Merredin Pharmacy or email employmentops123@gmail.com (Only people selected for an interview will be contacted).

Public Notices



SHIRE OF MERREDIN
INNOVATING THE WHEATBELT

SHIRE OF MERREDIN
LOCAL LAW No.10 – EXTRACTIVE INDUSTRIES
NOTICE OF APPLICATION
FOR AN EXTRACTIVE INDUSTRY LICENCE

Take notice that Derek Mason intends to apply to the Shire of Merredin for an extractive industry licence to excavate gravel on land situated at lot 812 Goldfields Road/Great Eastern Highway, Burracoppin WA 6421 being Lot 812 on Deposited Plan 61250 Certificate of Title Vol No. 2704 Folio 923.

Any person who wishes to object or otherwise comment upon this proposal, should do so in writing to the Chief Executive Officer, Shire of Merredin PO BOX 42, Merredin WA 6415, not later than 22nd October 2019.

Greg Powell
Chief Executive Officer

Merredin Museum and Historical Society AGM is being held Wednesday 2nd October 2019, 5pm at the Merredin Railway Museum. Any questions please contact merredinmuseum@gmail.com. All welcome.

Merrittville Retirement Village AGM is being held on Monday 21 October 2019, 5pm at the village hall. All welcome.

Nukarni Football Club Annual General Meeting. Tuesday the 15th October, 6pm, Merredin Regional Community and Leisure Centre. All members and supporters welcome. Enquiries to secretary@nukarni.com.au

Merredin Golf Club AGM. Wednesday 16th October 2019 commencing at 7.30pm at the Merredin Recreation and Leisure Centre. All welcome.

Merredin CRC Management Committee AGM is being held Wednesday 23rd October 2019, 5.30pm at the CRC. All welcome.

Merredin Sports Council AGM is being held Tuesday 15th October 2019, 7pm at Merredin Regional Community and Leisure Centre. All sporting groups to ensure delegates attend.

Avoid pet purchase problems

By CONSUMER PROTECTION

Buying a pet is not like your average purchase. The product, which might be a puppy, dog, kitten, cat, horse or rabbit is likely to become a loved member of your family and with you for its whole life.

If you have a problem with the quality or there's a defect, you're unlikely to want to use potential consumer law rights to a replacement, or return the pet for a refund. So, you need to thoroughly research the breed, its parents and the seller before you buy. Also think very carefully about your commitment to provide a suitably-sized home, food and water, exercise and look after your pet's health, including vet bills.

So far this year Consumer Protection has received 29 complaints from pet purchasers. Most (79%) were about puppies or dogs and the most common issue was misrepresentation – that might be when a dog was advertised as a medium-size breed that does not shed but grows to be very large and malts heavily.

Medical issues are common – a pre-purchase vet check can help avoid this. We also hear about a lack of documentation (be sure to get any papers and vaccination certificates) and scams where a popular breed is offered for a low price and a buyer pays in a non-secure way, such as direct bank transfer, then doesn't receive the pet.

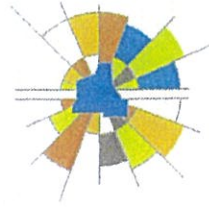
There are too many pre-purchase tips to list, so I'd urge you to head to our website www.consumerprotection.wa.gov.au and check out our recently updated publication 'A guide to consumer rights when buying a pet'. The RSPCA also has a detailed checklist at www.rspcawa.asn.au.

You have rights under the Australian Consumer Law if you buy from a shop, or registered breeder that's a business. But these protections are unlikely to be available for private sales, via Gumtree or Facebook marketplace, or when you adopt from a shelter or rescue centre. If you're unsure about whether you have redress options, come to Consumer Protection: call 1300 30 40 54 or email consumer@dmirs.wa.gov.au.



YOUR LIFE
YOUR COUNCIL
YOUR VOTE

Local Elections
Saturday 19th October
Check your letterbox this week for your postal vote



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

Mark David SMITH
PO BOX 416
MERREDIN WA 6415

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

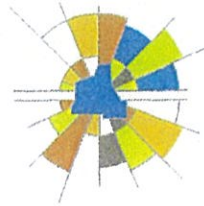
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Any person who wishes to object or otherwise comment upon this proposal, should do so in writing to the Chief Executive Officer, Shire of Merredin PO BOX 42, Merredin WA 6415, not later than 22nd October 2019.

Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

Caterina MAIOLO
PO BOX 6
MERREDIN WA 6415

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

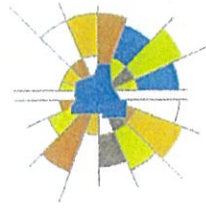
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

Brian John READ
PO BOX 373
MERREDIN WA 6415

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

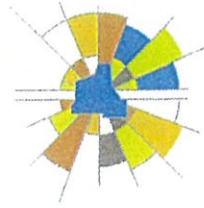
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

Keith Wishart COMLEY
29 THOAMS ST
NAREMBEEN WA 6369

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

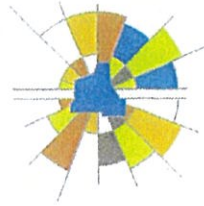
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

BURRA NOMINEES PTY LTD
C/- POST OFFICE
BURRACOPPIN WA 6421

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

Take notice that Derek Mason intends to apply to the Shire of Merredin for an extractive industry licence to excavate gravel on land situated at lot 812 Goldfields Road/Great Eastern Highway, Burracoppin WA 6421 being Lot 812 on Deposited Plan 61250 Certificate of Title Vol No. 2704 Folio 923.

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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019

Our Ref: A5220

James Robert MICHAU
82 TRANQUILL RTT
BARRAGUP WA 6209

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

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Yours faithfully



Peter Zenni
Executive Manager Development Services

23 September 2019



Our Ref: A5220

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
LOCKED BAG 2506
PERTH WA 6001

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

Take notice that Derek Mason intends to apply to the Shire of Merredin for an extractive industry licence to excavate gravel on land situated at lot 812 Goldfields Road/Great Eastern Highway, Burracoppin WA 6421 being Lot 812 on Deposited Plan 61250 Certificate of Title Vol No. 2704 Folio 923.

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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



Our Ref: A5220

DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION
LOCKED BAG 10
JOONDALUP DC
JOONDALUP WA 6919

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

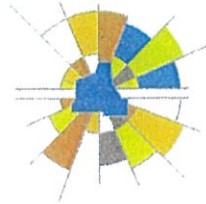
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

TELSTRA
GPO BOX 9901
MELBOURNE VIC 3001

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

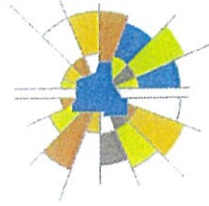
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Any person who wishes to object or otherwise comment upon this proposal, should do so in writing to the Chief Executive Officer, Shire of Merredin PO BOX 42, Merredin WA 6415, not later than 22nd October 2019.

Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

MAIN ROADS WA
PO BOX 6202
EAST PERTH WA 6892

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

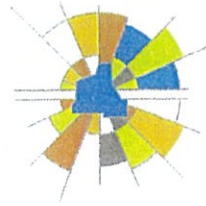
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

WATER CORPORATION
LOCKED MAIL BAG 2
OSBORNE PARK DELIVERY CENTRE
OSBORNE PARK WA 6916

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

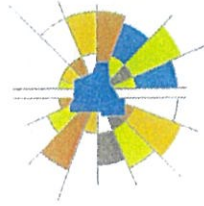
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

WESTERN POWER
GPO BOX U1913
PERTH WA 6001

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

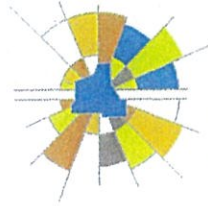
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Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019



SHIRE OF
MERREDIN
INNOVATING THE WHEATBELT

Our Ref: A5220

PUBLIC TRANSPORT AUTHORITY
PO BOX 8125
PERTH BUSINESS CENTRE
PERTH WA 6849

Dear Sir/Madam

RE: Notice of Application for an Extractive Industry Licence

Take notice that Derek Mason intends to apply to the Shire of Merredin for an extractive industry licence to excavate gravel on land situated at lot 812 Goldfields Road/Great Eastern Highway, Burracoppin WA 6421 being Lot 812 on Deposited Plan 61250 Certificate of Title Vol No. 2704 Folio 923.

Any person who wishes to object or otherwise comment upon this proposal, should do so in writing to the Chief Executive Officer, Shire of Merredin PO BOX 42, Merredin WA 6415, not later than 22nd October 2019.

Yours faithfully

Peter Zenni
Executive Manager Development Services

23 September 2019

Peter Zenni

From: Peter Zenni
Sent: Wednesday, 2 October 2019 10:43 AM
To: 'Diana.Nussey@dwer.wa.gov.au'
Cc: Jonelle Beck; Mike Hudson; Brendon Gerrard
Subject: FW: A5220 - Notice of Application for an Extractive Industry Licence
Attachments: Application for Development_DMSF sept19.pdf; A_DA_DMSF_sept19_Appendix 2a_dep plan.pdf; A_DA_DMSF_sept19_Appendix 1b Cert of Title.pdf; A_DA_DMSF_sept_Appendix 2b surveyors plan.pdf

Hi Diana

Please find attached for your information documentation relating to an application for an Extractive Industry Licence that has been lodged with the Shire of Merredin. If you require any further information please do not hesitate to contact myself at the Shire office of the applicant direct.

I look forward to any comments that DWER may wish to make in relation to this application.

Kind regards

Peter Zenni
EXECUTIVE MANAGER DEVELOPMENT SERVICES



Shire of Merredin
PO Box 42 MERREDIN WA 6415

P: (08) 9041 1611 F: (08) 9041 2379 E: emds@merredin.wa.gov.au
W: www.merredin.wa.gov.au  shireofmerredin

From: Diana Nussey [<mailto:Diana.Nussey@dwer.wa.gov.au>]
Sent: Wednesday, 2 October 2019 10:10 AM
To: Jonelle Beck <adminofficer@merredin.wa.gov.au>
Subject: A5220 - Notice of Application for an Extractive Industry Licence

Hi Peter,

Thank you for your notice letter. The Department of Water and Environmental Regulation notes that there are minor waterways present on the site and it is within a proclaimed surface water area. As such, stormwater needs to be managed to ensure that contaminated stormwater is retained on the site and uncontaminated stormwater is diverted around the gravel pit.

Could you please provide details on the location of the gravel extraction activities and the stormwater management on the site? This would assist us in providing comments for the development.

Kind regards,

Diana Nussey
Natural Resource Management Officer
Planning Advice Section

Department of Water and Environmental Regulation

Swan Avon Region

7 Ellam St, Victoria Park, WA 6100

T: (08) 6250 8014 | F: (08) 6250 8050

E: diana.nussey@dwer.wa.gov.au | www.dwer.wa.gov.au

Twitter: [@DWER_WA](https://twitter.com/DWER_WA)



Disclaimer: This e-mail is confidential to the addressee and is the view of the writer, not necessarily that of the Department of Water and Environmental Regulation, which accepts no responsibility for the contents. If you are not the addressee, please notify the Department by return e-mail and delete the message from your system; you must not disclose or use the information contained in this email in any way. No warranty is made that this material is free from computer viruses.

Peter Zenni

From: Peter Zenni
Sent: Tuesday, 1 October 2019 3:18 PM
To: 'janet.hartley-west@mainroads.wa.gov.au'
Cc: Jonelle Beck; Mike Hudson
Subject: Extractive Industry Activity Information
Attachments: Application for Development_DMSF sept19.pdf; A_DA_DMSF_sept19_Appendix 2a_dep plan.pdf; A_DA_DMSF_sept19_Appendix 1b Cert of Title.pdf; A_DA_DMSF_sept_Appendix 2b surveyors plan.pdf

Hi Janet


FYI

Kind regards

Peter Zenni
EXECUTIVE MANAGER DEVELOPMENT SERVICES



Shire of Merredin
PO Box 42 MERREDIN WA 6415

P: (08) 9041 1611 F: (08) 9041 2379 E: emds@merredin.wa.gov.au
W: www.merredin.wa.gov.au  [shireofmerredin](https://www.facebook.com/shireofmerredin)



Enquiries:
Our Ref: 01/516-02
Your Ref: A5220

10 October 2019

Chief Executive Officer
Shire of Merredin
PO Box 42
MERREDIN WA 6415

Dear Sir/Madam

Notice of Application for an Extractive Industry Licence Lot 812 Goldfields Road Burracoppin

I refer to your correspondence and attachments of 23 August 2019. Main Roads WA (MRWA) provides the following comments.

As detailed in the application the development will have access from the property onto Goldfields Road prior to entering Great Eastern Highway. The sight distances at the Goldfields Road intersection with Great Eastern Highway have been checked and are in excess of 300m to the west and 500m to the east.

Goldfields Road is not RAV rated at this location and from the submission Main Roads is unable to determine whether the proposed vehicles are RAV vehicles. If the intention of the development is to use RAV vehicles the applicant will be required to apply for Goldfields Road to be added to the appropriate RAV network. Improvements maybe required at the intersection to ensure the swept paths of the proposed vehicles are provided for.

The number and frequency of vehicle movements as provided in the submission of a maximum of 33 per day is not expected to have an adverse impact on the Main Roads network and therefore no additional turning lanes or acceleration lanes are required.

Based on the information provided Main Roads has no objections to the proposed extractive licence.

Yours sincerely

Janet Hartley-West
Janet Hartley-West
Network Manager



Department of
Primary Industries and
Regional Development

Our reference: LUP 693
Enquiries: Grant Stainer
3 October 2019

Mr Peter Zenni
PO Box 42
Merredin
WA 6415
emds@merredin.wa.gov.au

Dear Mr Zenni

RE: EXTRACTIVE INDUSTRIES PROPOSAL FOR GRAVEL EXTRACTION AT Lot 812, BURRACOPPIN

Thank you for the opportunity to comment on the proposed gravel extraction at Lot 812, Burracoppin.

The Department of Primary Industries and Regional Development (DPIRD) does not object to the proposed extraction of gravel at the above mentioned lot, but would like to offer the following comments:

- This proposal should be referred to the Department of Biodiversity, Conservation and Attractions (DBCA) for assessment of the impacts on the residual native vegetation.
- The shire may wish to seek further information from the proponent in relation to access roads for the site to assess traffic and safety risks.
- The proponent should prepare a rehabilitation plan for the site for when extraction is completed.
- The proponent should prepare a Weed Management Plan to prevent the spread of weeds.

I trust these comments inform your decision on this matter.

If you have any queries regarding the comments, please contact Grant Stainer in Merredin on 90813 113 or at grantley.stainer@dpird.wa.gov.au

Yours sincerely

Melanie Strawbridge
Director Agriculture Resource Management and Assessment
Sustainability and Biosecurity

3 Baron-Hay Court, South Perth 6151
Locked Bag 4 Bentley Delivery Centre 6983
Telephone +61 (0)8 9368 3333 enquiries@dpird.wa.gov.au
dpird.wa.gov.au
ABN: 18 951 343 745

COPY

Your Ref: A5220
Our Ref: 57136589 - DEV363497
Enquiries: Ross Crockett
Direct Tel: 9420 2013

2nd October 2019

**Shire of Merredin
P.O. Box 42
MERREDIN W.A. 6415**

Attention of: **Peter Zenni**

CONFIDENTIAL

DATE RECEIVED	09 OCT 2019		
CEO		DCEO	
EMES		EMCS	
EMDS			
FILE REF:			
DOC #			
TENDER REF #			
GRANT REF #			

Re: Development Application - Lot 812 Goldfields Road, Burracoppin

Thank you for your letter dated 23rd September 2019. We offer the following comments in regard to this proposal.

Water and Wastewater

Reticulated water and sewerage services are currently unavailable throughout the subject area. (See attached Plan)

The proposed extractive industry does not appear to impact on the Water Corporation's infrastructure or operations.

Please provide the above comments to the land owner, developer and/or their representative.

Should you have any queries or require further clarification on any of the above issues, please do not hesitate to contact the Enquiries Officer.



Ross Crockett
Development Planner
Land Planning
Assets Planning Group

Peter Zenni

From: Diana Nussey <Diana.Nussey@dwer.wa.gov.au>
Sent: Wednesday, 16 October 2019 11:28 AM
To: Peter Zenni
Cc: Edd Prumm
Subject: RE: A5220 - Notice of Application for an Extractive Industry Licence

Hi Peter,

Thank you again for the above referral. The Department of Water and Environmental Regulation is satisfied with the water management for the site and as such has no comments to provide.

Kind regards,

Diana Nussey

Natural Resource Management Officer
Planning Advice Section

Department of Water and Environmental Regulation

Swan Avon Region
7 Ellam St, Victoria Park, WA 6100
T: (08) 6250 8014 | F: (08) 6250 8050
E: diana.nussey@dwer.wa.gov.au | www.dwer.wa.gov.au
Twitter: [@DWER_WA](https://twitter.com/DWER_WA)

From: Peter Zenni [mailto:emds@merredin.wa.gov.au]
Sent: Wednesday, 2 October 2019 10:42 AM
To: Diana Nussey <Diana.Nussey@dwer.wa.gov.au>
Cc: Jonelle Beck <adminofficer@merredin.wa.gov.au>; Mike Hudson <emes@merredin.wa.gov.au>; Brendon Gerrard <eho@merredin.wa.gov.au>
Subject: FW: A5220 - Notice of Application for an Extractive Industry Licence

Hi Diana

Please find attached for your information documentation relating to an application for an Extractive Industry Licence that has been lodged with the Shire of Merredin. If you require any further information please do not hesitate to contact myself at the Shire office of the applicant direct.

I look forward to any comments that DWER may wish to make in relation to this application.

Kind regards

Peter Zenni

EXECUTIVE MANAGER DEVELOPMENT SERVICES



Shire of Merredin
PO Box 42 MERREDIN WA 6415

From: Diana Nussey [<mailto:Diana.Nussey@dwer.wa.gov.au>]
Sent: Wednesday, 2 October 2019 10:10 AM
To: Jonelle Beck <adminofficer@merredin.wa.gov.au>
Subject: A5220 - Notice of Application for an Extractive Industry Licence

Hi Peter,

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Diana Nussey

Natural Resource Management Officer
Planning Advice Section

Department of Water and Environmental Regulation

Swan Avon Region
7 Ellam St, Victoria Park, WA 6100
T: (08) 6250 8014 | F: (08) 6250 8050
E: diana.nussey@dwer.wa.gov.au | www.dwer.wa.gov.au
Twitter: [@DWER_WA](https://twitter.com/DWER_WA)



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