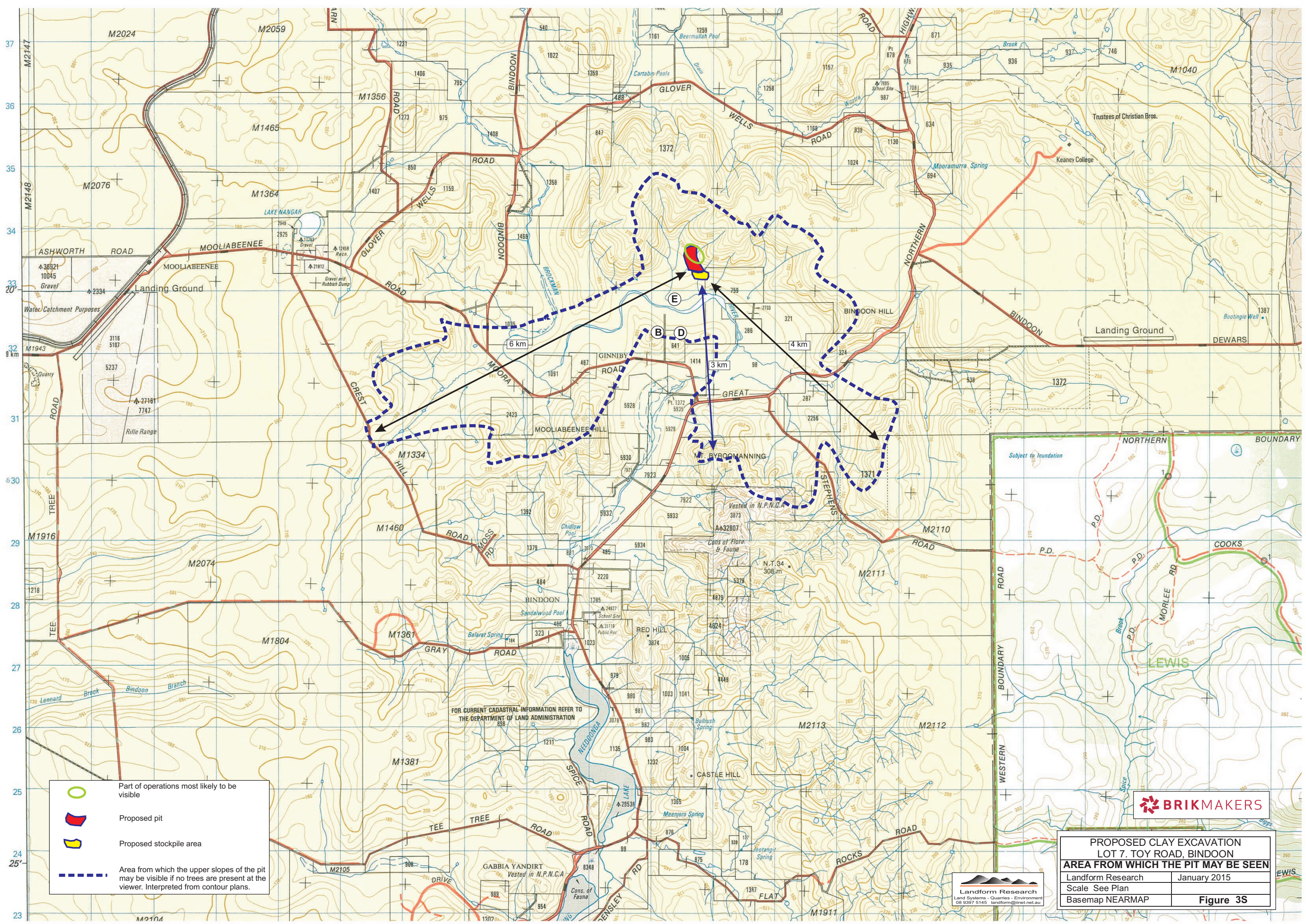


View from Point B and D  
See Figure 3S





Part of operations most likely to be visible

Proposed pit

Proposed stockpile area

Area from which the upper slopes of the pit may be visible if no trees are present at the viewer. Interpreted from contour plans.

PROPOSED CLAY EXCAVATION  
LOT 7. TOY ROAD, BINDOON  
AREA FROM WHICH THE PIT MAY BE SEEN

Landform Research  
Scale See Plan  
Basemap NEARMAP

January 2015  
  
**Figure 3S**

Landform Research  
Land Systems - Quarries - Environment  
08 9397 6145 landform@inet.net.au



## Appendix 5

COMMUNITY CONSULTATION

CLAY QUARRY

LOT 7 TOY ROAD, BINDOON

BRIKMAKERS PTY LTD



August 2015

## Community Consultation

Brikmakers contacted nearby landowners in July 2014 in relation to a proposed clay excavation on Lot 7 Toy Road, Bindoon.

In addition a number of residents provided response to the Shire of Chittering dated 9 January 2015.

A summary of the concerns and matters raised by the local residents is provided below.

Nearby Resident	Contact	
Residents 1 and 2	Meeting on Wed 2 July 2014, 10.00 am	Concerned with trucks noise. etc. Safety risks on Toy Road, impact on business and livelihood, noise of road traffic, intersection of Bindoon – Moora Road and Great Northern Highway, dust, degradation of the Brockman River wetlands, unique environment. See attached summary of their concerns and attached joint letter on behalf of the Ginniby Residents Group.
Resident 3	Meeting on Wed 2 July 2014, 10.00 am	
Residents 4 and 5		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Resident 6		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Resident 7		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group (P and M Roberts on behalf of Pamela Hesling).
Residents 8 and 9	Meeting on Wed 2 July 2014, 10.00 am	Concerned with safety on road, dust, visual impact etc.
Residents 10 and 11		No comments on the proposal.
Residents 12 and 13	Left message	See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Residents 14 and 15	7 August 2014 at 9.30 am at Bindoon Hill	Concerned with noise and general amenity etc. See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Residents 16 and 17	7 August 2014 at Brikmakers	Concerned with noise dust, environment etc. See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Resident 18	Email contacts in 2014	Concerned with noise, visual dust etc. See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Resident 19		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Resident 20		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
Ginniby Residents Group		Buffer zones, resident's amenity, sensitive water catchment, sensitive premises likely to be affected, landscape protection area, valuable agricultural resource affected by gravel extraction, Ginniby Lake, noise, truck movements along Toy Road, suitability of Toy Road, dust, acid sulfate soils will be generated, wildlife will be damaged.

		See the attached letter to the Shire of Chittering on behalf of the Ginniby Residents Group.
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As a result of the community input, Brikmakers have reduced the scale and potential impact of the proposal. The changes can be seen by comparing the information and plan attached to the written comments of Residents 1 and 2, in summary, are;

- The excavation area has been reduced in area,
- The disturbance areas have been set further back from the creekline,
- The rate of excavation has remained similar,
- A second water management dam has been provided,
- The access road has been moved further east,
- The number of days on which clay is transported has been halved (approximately 25 days per year), with the transport rate of up to 10 trucks an hour retained,
- A Traffic Management Plan has been prepared by Shawmac,
- A Noise Assessment has been conducted by Lloyd George Acoustics,
- The Management Plan has been written to minimise the potential impacts identified by the local residents.

#### NOTE

The names of the residents who wrote to the Shire or responded to Brikmakers have been covered in the attached documentation as a matter of courtesy.

**BRIKMAKERS PROPOSED CLAY OPERATIONS  
AT LOT 7 TOY ROAD BINDOON**

IMPACTS ON [REDACTED] OWNERS AND RESIDENTS OF [REDACTED] TOY ROAD  
**RESIDENTS 1 and 2**

**1. OVERVIEW**

We own and reside at 17 Toy Road, Bindoon, known as "Ginniby Rise." We also operate a small olive oil business at Ginniby Rise. We have owned Ginniby Rise since 1997. Ginniby Rise is located on Toy Road, a local "no through road," which services and is the only public access road to 7 properties.

We recently became aware that Brickmakers Pty Ltd, which we understand is a subsidiary of BGC (Australia) Pty Ltd, proposes to operate a clay- pit from Lot 7, Toy Road, Bindoon. Lot 7 is owned by Joc Dwyer and is located near the end of Toy Road.

We arranged a meeting with Nathan Blackwell, Brikmakers Clay-Pit Manager, to better understand the proposal. On Wednesday, 2 July 2014, the following people attended the meeting:

- Nathan Blackwell, Brikmakers
- Joc Dwyer, owner of Lot 7
- [REDACTED], interested residents
- [REDACTED], interested residents
- [REDACTED], interested resident

During the meeting it became apparent that Brikmakers proposes to use Toy Road to transport clay from Lot 7 using heavy haulage vehicles. We understand that this would involve heavy haulage vehicles travelling along Toy Road at the rate of 1 truck every 6 minutes and that this rate may vary depending on the size of trucks used.

We are greatly opposed to this proposal and outline some of our concerns below.

We understand that Brickmakers has not yet submitted a formal proposal to the Shire of Chittering for an extractive industries licence, or referred the proposal to the Environmental Protection Authority for assessment of the environmental impacts.

As such, we have outlined our understanding of the current proposal and our significant concerns, so that Brikmakers may consider using an alternative route to Toy Road to connect to the Great Northern Highway, as well as addressing the other environmental impacts, before making any formal proposal.

We intend to comment on any formal proposal to operate a clay-pit at Lot 7 and can be contacted at:

[REDACTED]

[REDACTED]

Email: [REDACTED]

## 2. **CLAY-PIT PROPOSAL**

During the meeting a map was shown of the location and some operating information was presented. We attach a copy of the map, which shows part of our property at the bottom left-hand corner.

Some of the relevant information presented at the meeting includes:

- (a) Brikmakers proposes to cart clay from the proposed pit with double tray trucks via Toy Road, the Bindoon-Moora Road and the Great Northern Highway, to its brickworks in South Guildford.
- (b) Brikmakers proposes approximately 6 campaigns per year carting clay. Each campaign would last for 8-10 days and cartage would operate Monday to Friday from 7am to 5pm. That is, there would be approximately 12 weeks of intensive vehicle traffic each year.
- (c) Approximately 2000 tonne of clay would be carted each day during a campaign. If double tray trucks were used, each carrying a load of 40 tonnes, this would equate to approximately 50 loaded heavy haulage vehicles carrying clay each day.
- (d) On the basis of use of double-tray trucks, the total movement of heavy haulage vehicles would be approximately 100 trucks per day (empty and loaded trucks). This would be one truck every 6 minutes (possibly more if different trucks were used). Other vehicles, including for maintenance crews and site operators, would also use Toy Road on a daily basis.

We are not aware of the projected life of extractive operations.

We understand from the attached plan that the clay pits would be located immediately to the North of the Brockman River and that a bridge, suitable for heavy haulage vehicle traffic, would need to be constructed over the Brockman River.

During the meeting, we asked Brikmakers why its proposal did not include access directly to the Great Northern Highway through Lot 7, which fronts the Great Northern Highway. We understand that there is existing approved access to the Great Northern Highway from Lot 7 for a gravel pit located on Lot 7. We were told that Brikmakers is not currently considering that access route and no reasons were provided.

## 3. **DIRECT IMPACTS ON GINNIBY RISE**

If heavy haulage vehicles are permitted to use Toy Road, as proposed by Brikmakers:

- (a) We, and our family, will be exposed to unacceptable safety risks as we access our home via Toy Road;
- (b) Families renting a house on our property will be exposed to unacceptable safety risks as they access their home via Toy Road;
- (c) Our business and livelihood will be jeopardised because members of the public are unlikely to visit Ginniby Rise to purchase olive oil (and will be exposed to safety risks if they do);
- (d) We will be exposed to increased safety risks if we attempt to move alpacas in floats to and from Ginniby Rise; and
- (e) We will be exposed to unacceptable noise due to regular flow of heavy haulage vehicles adjacent to the length of our property and within 60 metres of our house.

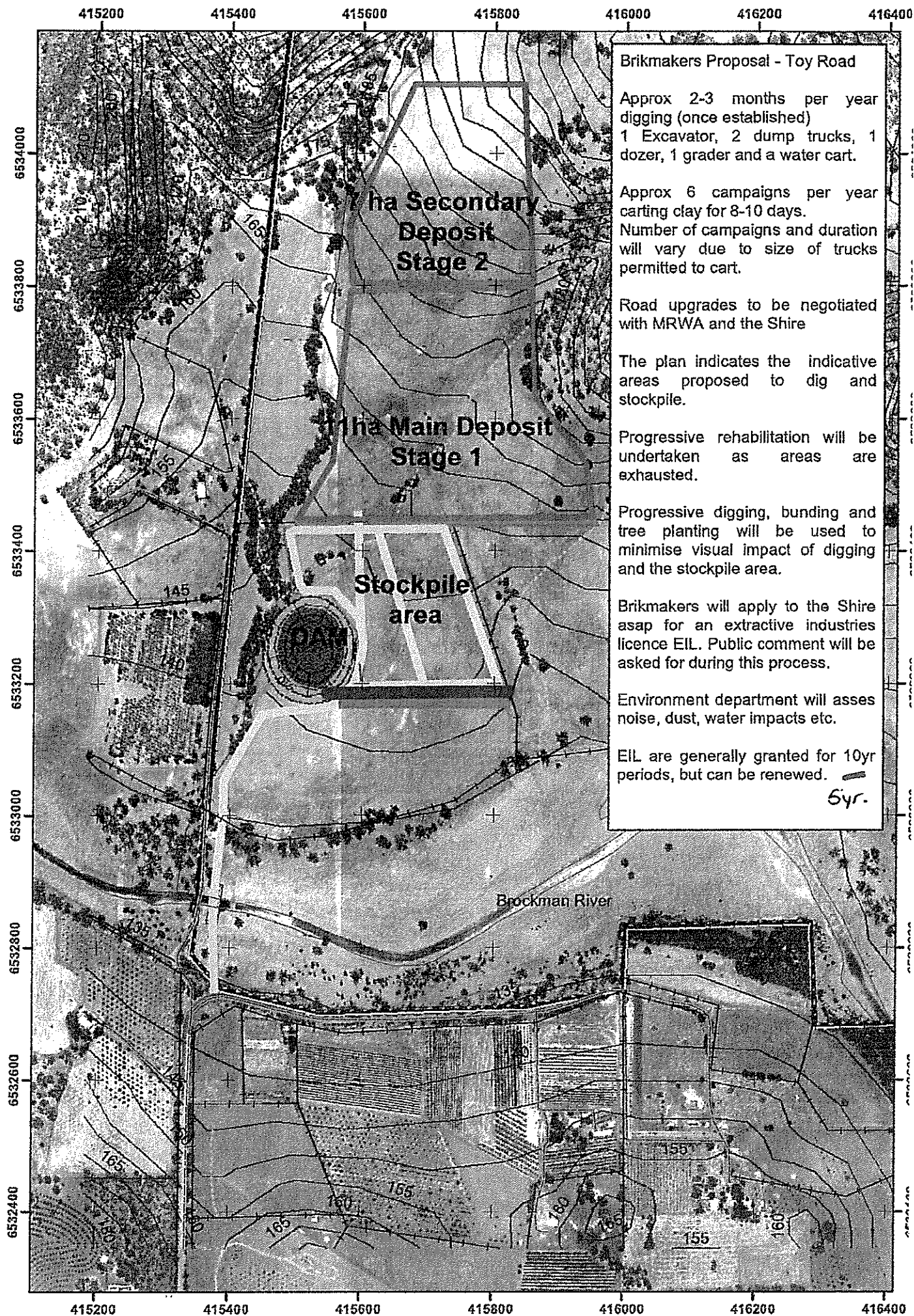


The proposal would also lead to a significant increase of trucks, using the intersection of Bindoon Moora Road to the Great Northern Highway, which is already a busy major intersection and has had previous accidents causing lights to be installed. We believe this is yet another traffic hazard putting members of the community in danger when attending the hotel, church, off road fruit sales, farming properties as well as being on a school bus route and the heavy mining traffic on Great Northern Highway.

We are also concerned about the impacts of the proposal on visual amenity, noise, dust, degradation of the Brockman River Wetlands, and impacts on the unique environment in the area.

We expect the formal proposal to address each of these issues in detail.

Date: 14 July 2014.





Ginniby Residents Group

[REDACTED]  
Bindoon. 6502

9 January 2015

Shire of Chittering  
Bindoon

Attention: CEO  
Manager Development Services  
Councillors

Dear Gary, Azhar and Councillors,

Re. Brikmakers (BGC) Toy Rd clay pit proposal.

The community of "Ginniby", (being those Chittering residents living in that locality and who, together with their land, are listed in the attachment hereto and described in this letter as "The Residents" hereby put you on notice of the following:

1. The proposal for a clay pit on the land at Lot 7 Toy Road as described by Brikmakers to Ahzar and some of the Residents is rejected by the Residents and will be opposed by them.
2. The Residents hereby notify the Shire of Chittering that no Buffer zone on their land, as required by the proposal, will be tolerated. The Residents request the Council of the Shire, and each of them, to acknowledge that no such buffer zones will be imposed by them except and unless the Resident first gives specific individual written permission.
3. The proposal is not acceptable for at least the following reasons:
  - a. The proposal would breach numerous provisions of our Town Planning Scheme and relevant Shire policies to the detriment of the Residents' amenity and environment, and will greatly de-value of their property.
  - b. The area is a sensitive water catchment environment and recharges the Brockman River system which is already compromised.
  - c. There are many sensitive receptors within the area likely to be affected, including but not limited to, houses, agriculture, specialist agriculture, businesses and tourist activities.
  - d. The area is part of a special landscape protection area.
  - e. The area is a valuable agricultural resource that has already been badly affected by an extraction licence for gravel on Lot 7 that now can clearly be recognised as a bad planning decision.
  - f. The Ginniby lake is formed in winter, it and the wetlands that remain in summer will be directly affected and potentially destroyed.
  - g. The noise from machinery will make living conditions of the Residents unbearable.

- h. The truck movements along Toy Road will do the same but will also adversely affect the wider Chittering community. Major upgrading would be required at the Toy Road/Bindoon Moora Road, the size and frequency of the trucks would make it a dangerous intersection for all road users. Toy Road is a No Through Road.
- i. Dust will be a huge problem even if the vast quantities of water necessary for dust suppression could be provided.
- j. Acid sulphate soils will be generated.
- k. All wildlife will be damaged, especially the bird life.

The Residents repeat that they are determined that this proposal will not proceed, and it will be strenuously opposed. We request that the Shire acknowledge that a clay-pit proposal in this location cannot proceed and to put such an acknowledgement publicly in writing.

A copy of the substance of this letter is being sent to Brikmakers on behalf of the Residents.

Although Brikmakers has not yet lodged its application for approval for the clay-pit, the company has indicated that it intends to do this early in 2015. Residents would welcome the opportunity to discuss this with the Council at your earliest convenience.

Yours Faithfully

**Derek Gascoine** (on behalf of the Ginniby Residents Group)

Lake Ginniby in winter with proposed clay pit site visible, within 100 metres

