From: Emily Killin
To: amendments
Subject: FW: Bannockburn Growth Plan roads.
Date: Wednesday, 11 November 2020 12:03:25 PM

Please register Lydia

Thanks

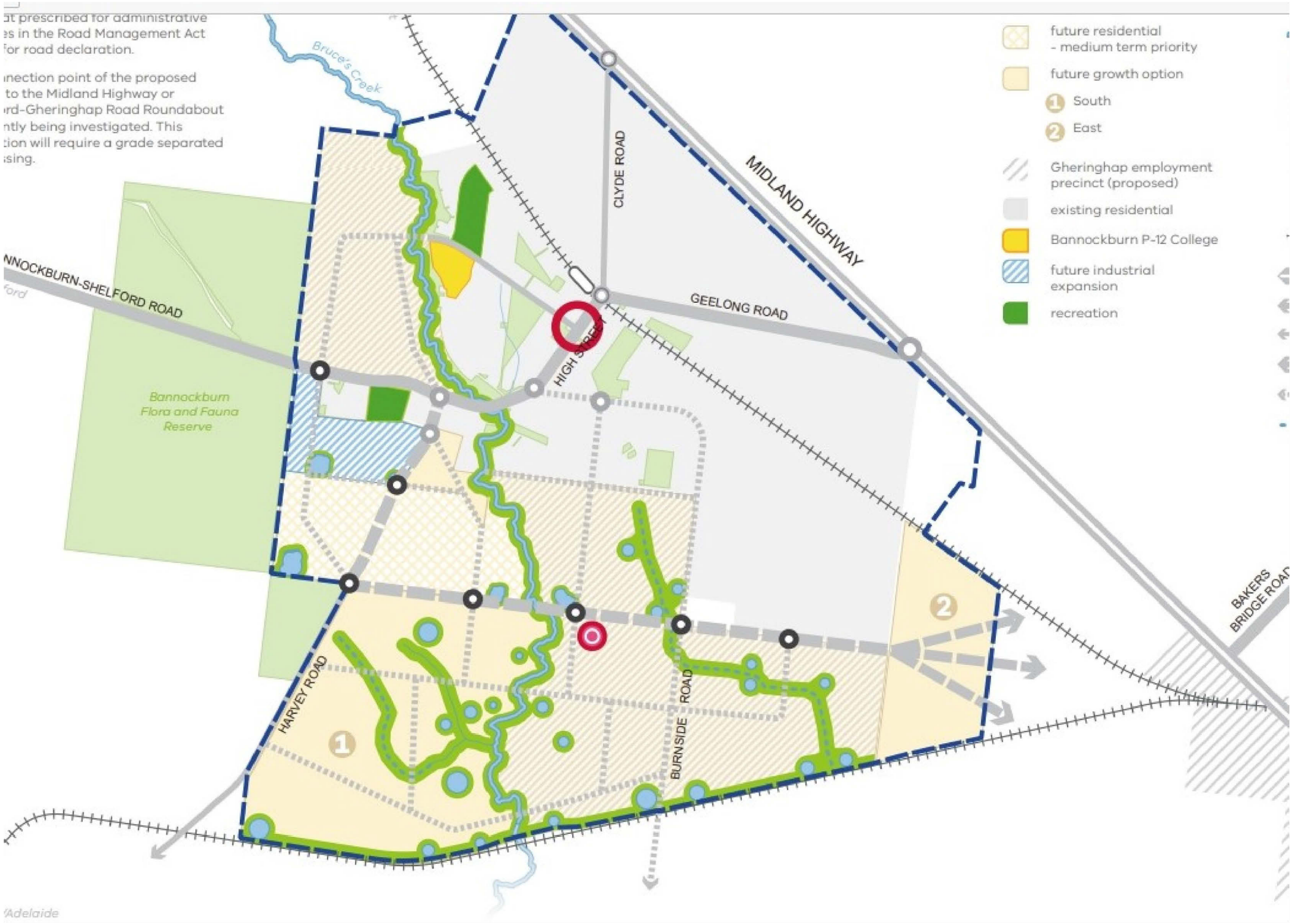
From: [redacted]
Sent: Tuesday, 10 November 2020 5:14 PM
To: Emily Killin <Emily.Killin@vpa.vic.gov.au>
Cc: Nicholas Power <Nicholas.Power@vpa.vic.gov.au>; Crystal Tang <Crystal.Tang@vpa.vic.gov.au>
Subject: Bannockburn Growth Plan roads.

Dear Emily, Nicholas and Crystal.
Thanks for your comprehensive work on the BGP 2020
We are in the process of preparing a detailed submission with the [redacted] but meanwhile there is an important feature of your maps that should be changed.
Your maps show a road running at right angles from Harvey Rd west to the south end of Old Base Rd.
While this is a designated road reserve it has never been used and is now grassy woodland. Not usable for development purposes.

The road that we all use is locally known as Red Road due to its colour. It is kept graded by the shire.
Also, Old Base Rd (US Army base for explosives during WW2) (shown on Google Earth as Brislane Rd) continues south to meet with Harvey road forming the Southern Triangle of the Bannockburn Reserve.
This has been fenced and gated and encouraged to grow over and is now pretty much impassable.

Regards
[redacted]
[redacted]
[redacted] acknowledge and pay respect to the traditional Aboriginal owners of country throughout Australia, their culture and Elders past, present and future.

[redacted]


at prescribed for administrative
es in the Road Management Act
for road declaration.
nection point of the proposed
to the Midland Highway or
rd-Gheringhap Road Roundabout
ntly being investigated. This
tion will require a grade separated
sing.
Bruce's Creek
CLYDE ROAD
MIDLAND HIGHWAY
NNOCKBURN-SHELFORD ROAD
ford
GEELONG ROAD
HIGH STREET
Bannockburn
Flora and Fauna
Reserve
HARVEY ROAD
BURNSIDE ROAD
BAKERS
BRIDGE ROAD
1
2
future residential
- medium term priority
future growth option
1 South
2 East
Gheringhap employment
precinct (proposed)
existing residential
Bannockburn P-12 College
future industrial
expansion
recreation
Adelaide

P01
Harvey Rd
Unused Rd easement
Brislanes Rd
"Red" Road
Ausnet easement track
© 2020 Google
611 m

[redacted]

From: [redacted]
Sent: Tuesday, 10 November 2020 7:36 PM
To: Emily Killin <Emily.Killin@vpa.vic.gov.au>; Crystal Tang <Crystal.Tang@vpa.vic.gov.au>
Subject: Cultural heritage site in Bannockburn Reserve

..and you need to be aware of this culturally significant site.
A Cultural Heritage Assessment and Plan has yet to be done.
Regards
[redacted]

[redacted] acknowledge and pay respect to the traditional Aboriginal owners of country throughout Australia, their culture and Elders past, present and future.

[redacted]

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www.avast.com

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[redacted]

Discussion for Wadawurrung RAP Forum Ballarat May 22-24 2019

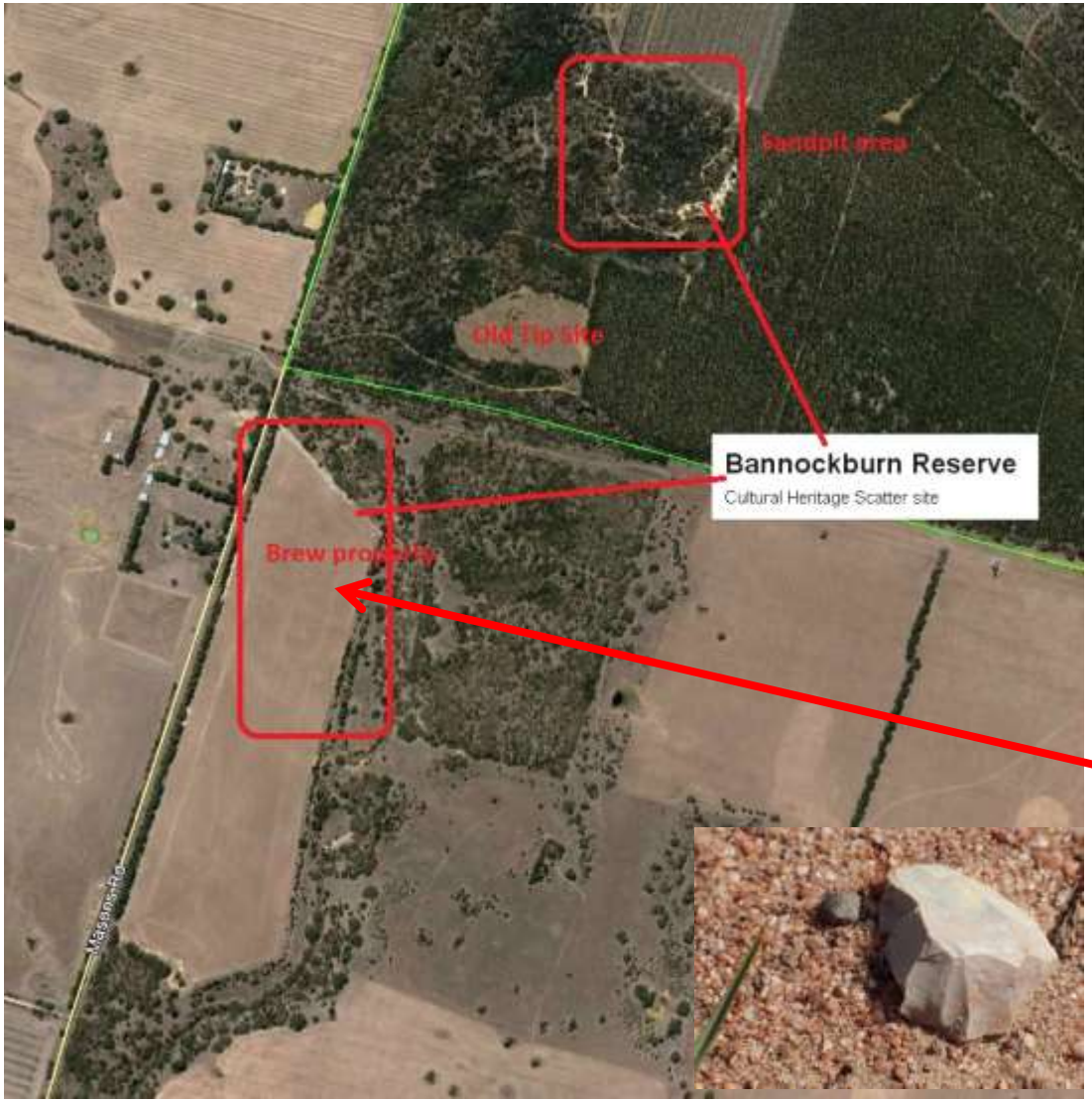
Cultural Heritage Scatter site

The significance of the site was first recognised with this find by **Lance Breguet** of Friends of Buckley Falls

[redacted]

Bannockburn Reserve, one of the BEN (Ballarat Environment Network) Reserves.

Scatter Site, recognised by Lance Breguet, May 11 2018



Cropped paddock following heavy rain on Wed Feb 6 2019

Trail Bikes and car bodies problem

Top 5 images are from the sandy artefact site

Trail bike and 4WD tracks in the Artefact site and tearing up the native vegetation.

Burn-outs in the unfenced Bush area

So we built Fences and gates.

Funded by DELWP, BEN, Greening Australia and built by FOBB and the Green Army.

Break-ins and creating tracks through Native Vegetation

Quad tracks in Artefact area

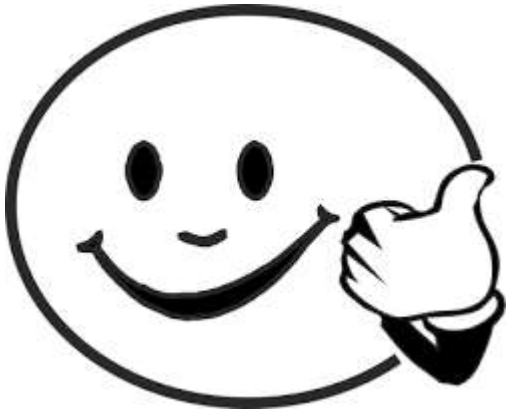
Artefact discovery changed our tolerance.

- We had to make the “Sandpit” area unsuitable for vehicles. We felled and dragged large Sugar gums across the tracks.

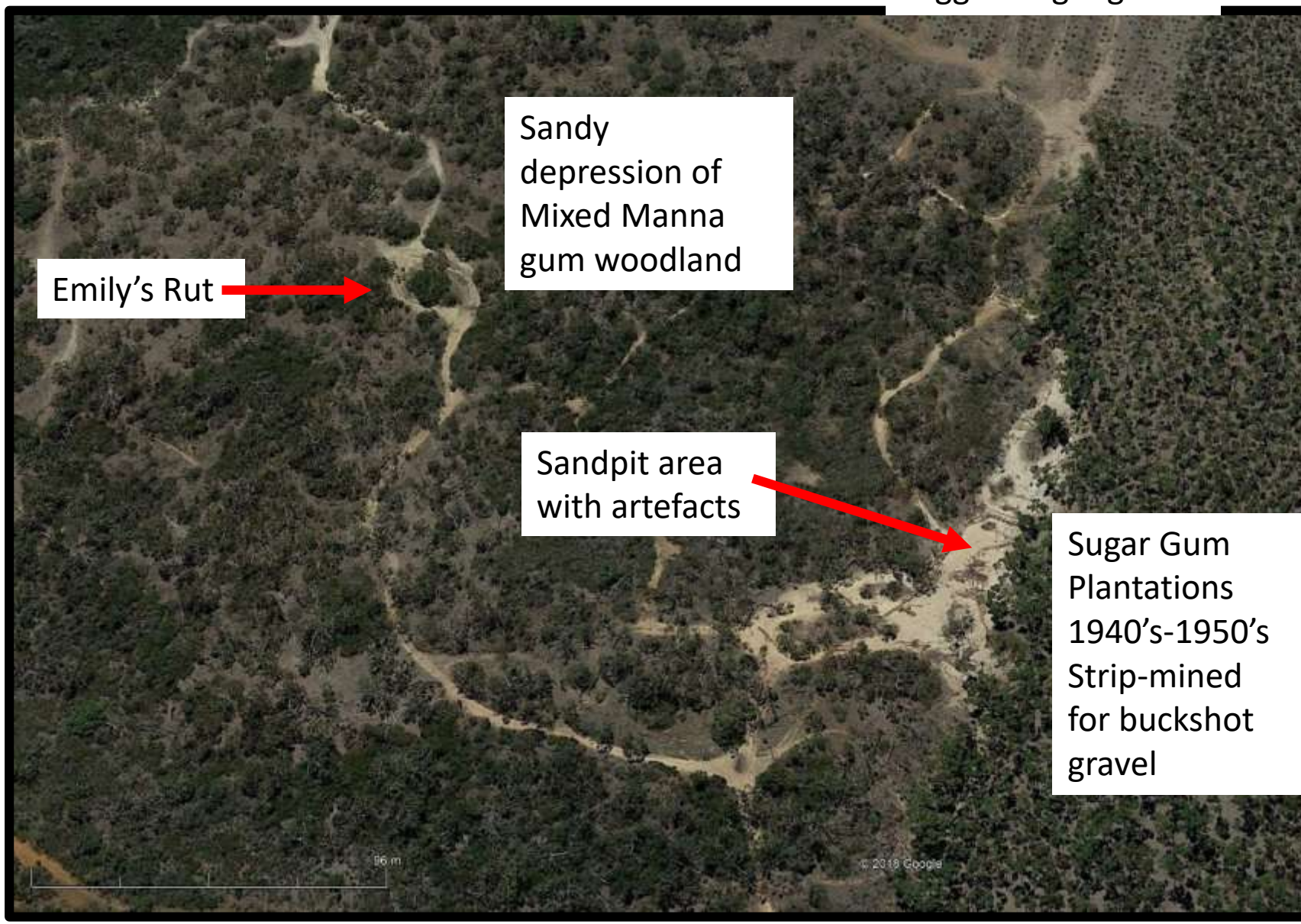
Felling and winching logs across Quad and trail bike tracks to protect artefacts

Finally, they gave up.

- We have not had any further break-ins for more than 12 months.

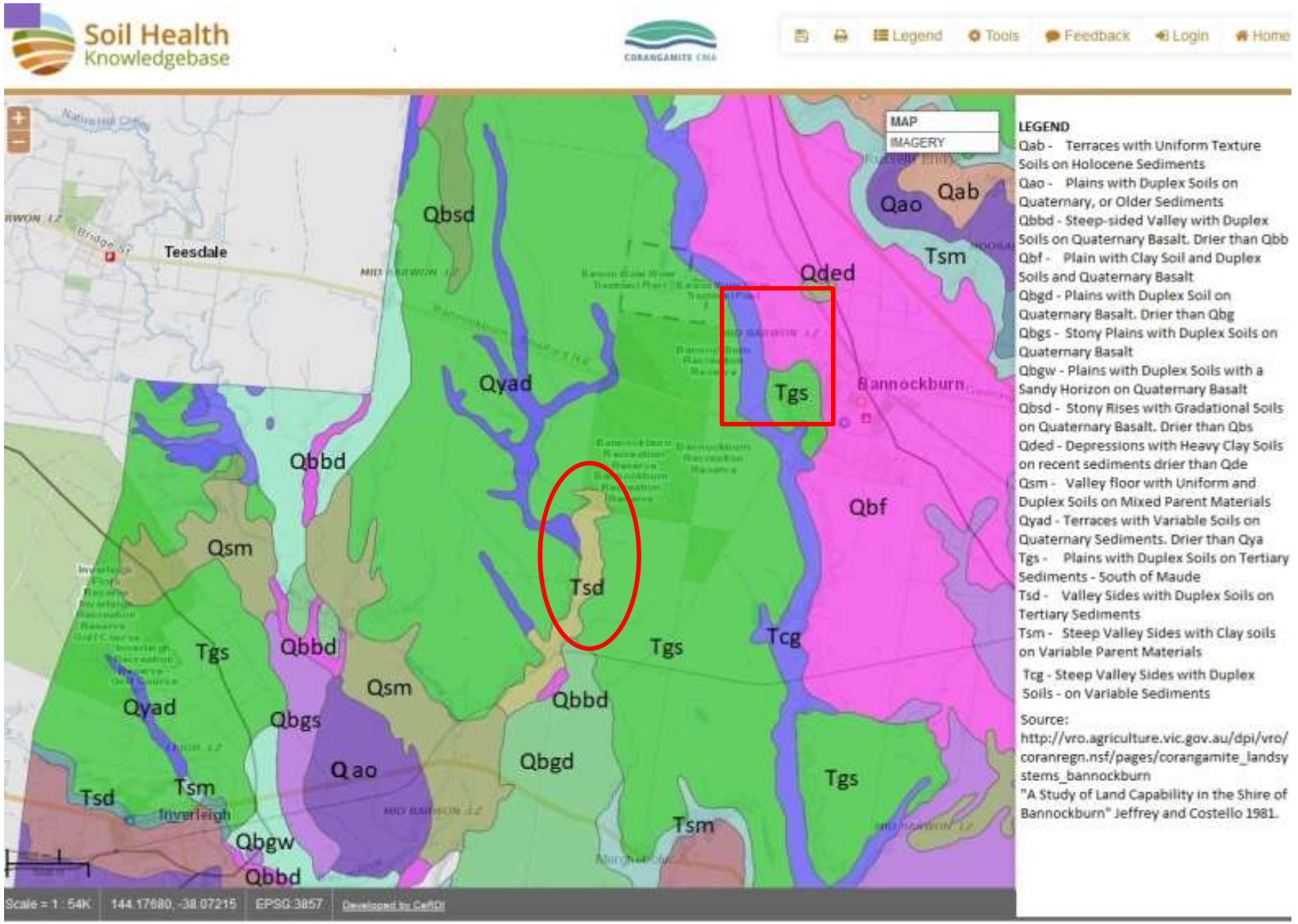


Quad bike track / Artefact site



Area Geology

Tsd- Valley sides with Duplex soils on Tertiary sediments
Tgs-Plains with Duplex soils on Tertiary Sediments, South of Maude
Qbbd-Steep sided valley with Duplex soils
Qbgd- Plains with Duplex soils on Quaternary basalt. Drier than Qbg



LAND SYSTEMS AND COMPONENTS
SHIRE OF BANNOCKBURN

0 0.5 1 (approx.)
kilometres

Photo base by courtesy of the Department of Crown Lands and Survey

nb: Photo mosaic is strictly uncontrolled therefore inherent scale variations can be expected

NORTH

MAP
22

Duplex soils: http://www.publish.csiro.au/an/EA9920815

The term 'duplex' was first used by Northcote (1960) in his classification 'A Factual Key for the Recognition of Australian Soils'

to describe soils which have an abrupt textural contrast between the surface soil horizons and the subsurface. (Two distinct layers and textures)

Chemical, mineralogical and physical properties other than the textural contrast are not diagnostic.

It is not surprising therefore, that duplex soils exhibit great diversity in their properties, particularly their genesis and mode of development. Many theories-chemical, physical, biological-have been proposed to explain the origin of duplex soils and the processes responsible for the development of their dominant morphological characteristic, the texture contrast.

Great spot for a village. Elevated, sandy soil, western aspect over creek and wetland with access to grasslands and woodlands.

Bannockburn Reserve site artefact images

[redacted] May 2018 visit confirmed the site's significance.

May 25, 2018

Worked flakes of mixed materials

Silcrete flakes

[redacted] demonstrate the knapping technique

Bannockburn Reserve

Materials used.

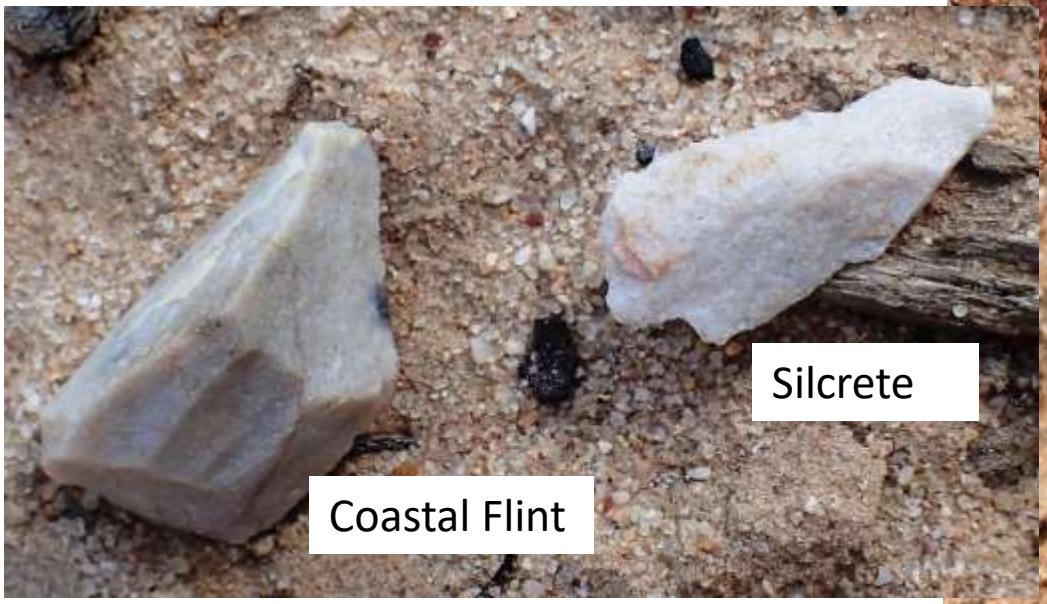
1. Maude silcrete /Quartzite? Looks like a carefully crafted sugar lump with granular texture.

Metamorphosed sedimentary rock. Can be white or orange depending on the original sedimentary material. Most common type found.

2. Flaked Quartz. Homogenous crystalline structure. Source?

Coastal Flint / Chert / Silex

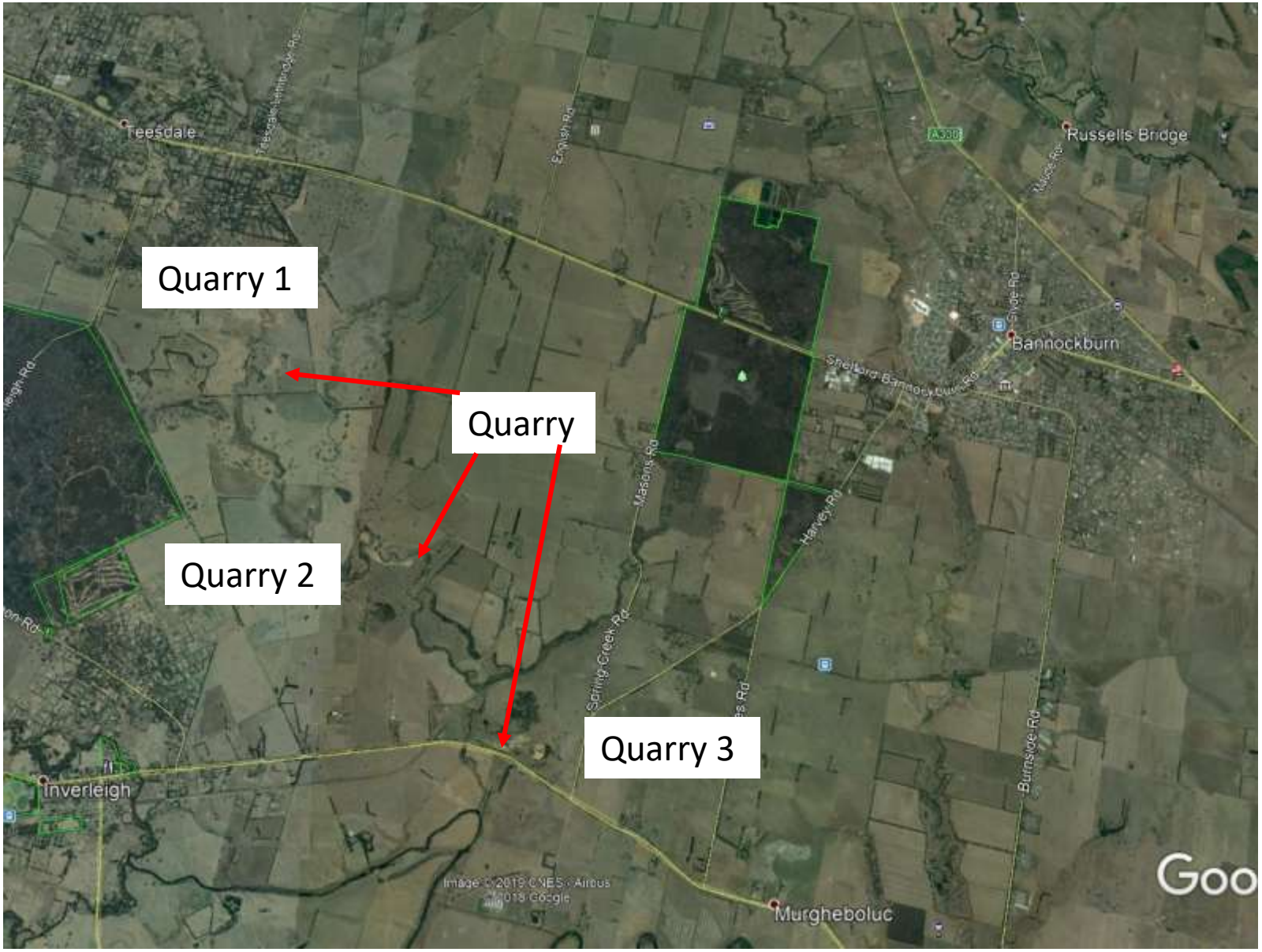
Uniform grey texture.
Sharply defined flakes.
Origin: Coastal areas within calcareous nodules formed underwater.



Source: www.gsavic.org. Victoria's Geology.

Techtite?

Threats from quarries?



What sort of surveys have been done at these quarries?