

Site plan notes.

Area of excavation was once a cleared paddock & now is still mostly open with some small & larger teatree regrowth mixed with bracken, kangaroo paw & other small shrubs. The excavation site & it's surrounds appear quite level. Further into the block to the east & north the land begins to gently slope away- this occurs quite some distance from the site.

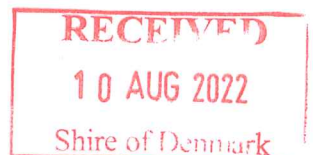
Dimensions of pit to be 100 metres (north/south) by 80 metres (east/ west). 40 metre set back from western boundary on Middle Rd.

There is no existing excavation. Location as per map, depth to 3 metres.

See works program(7) for access details.

No buildings or tanks in this development.

No power lines, telephone cables or any other infrastructure in the vicinity.



Works & excavation program.

1. To extract sand for local requirements such as house & shed pads.
Estimated duration 5 years.
2. Less than 2 hectares
3. Method in excavation will be to scalp & stockpile topsoil with a wheel loader. Sides will be battered down progressively.
No onsite processing to be carried out.
4. No existing excavation. Excavation to be 3 metres deep & 0.8 hectare.
5. Expect 300 -400mm of topsoil to remove, being black sandy type with mixture of scrubby teatree/bracken/kangaroo paw vegetation.
6. All works carried out will be with an articulated wheel loader. Wheel loader to scalp topsoil down to clean sand & stockpiled. Estimate initial works to scalp around 600 m².
7. Access to site is 1.6 km along Middle Road from Valley of the Giants Rd. Enter property 180 metres before Trent Rd tee junction, onto fire access, travel along fire access to excavation site.
8. Size of truck will be my 6 wheel tipper & pig trailer combo, 1 only. No other contractors will be using the pit. Hard to estimate number of truck movements, but for long periods of time the pit will be inactive. It's only when I receive orders that it will be in use. Occasional bigger orders may take 5-10 days with a maximum of 3 truck movements per hour.

Comparing it to my existing pit at Bow Bridge may give you some idea-there has only been about 1200 m³ moved from it in 2 & a half years. The route taken will be as described in (7).

9. No building, tanks or other improvements required.
10. As site is very flat & on deep sand, no drainage is expected to be needed.
11. The site is remote & not visible from private or public land, so noise & dust nuisance won't be an issue. However, past experience has shown that stockpiled topsoil retains moisture & stimulates growth of grasses & native shrubs which minimize dust blowing.

I see no possibility of watercourse silting or erosion.

General public to be excluded by locked gate & appropriate signage.

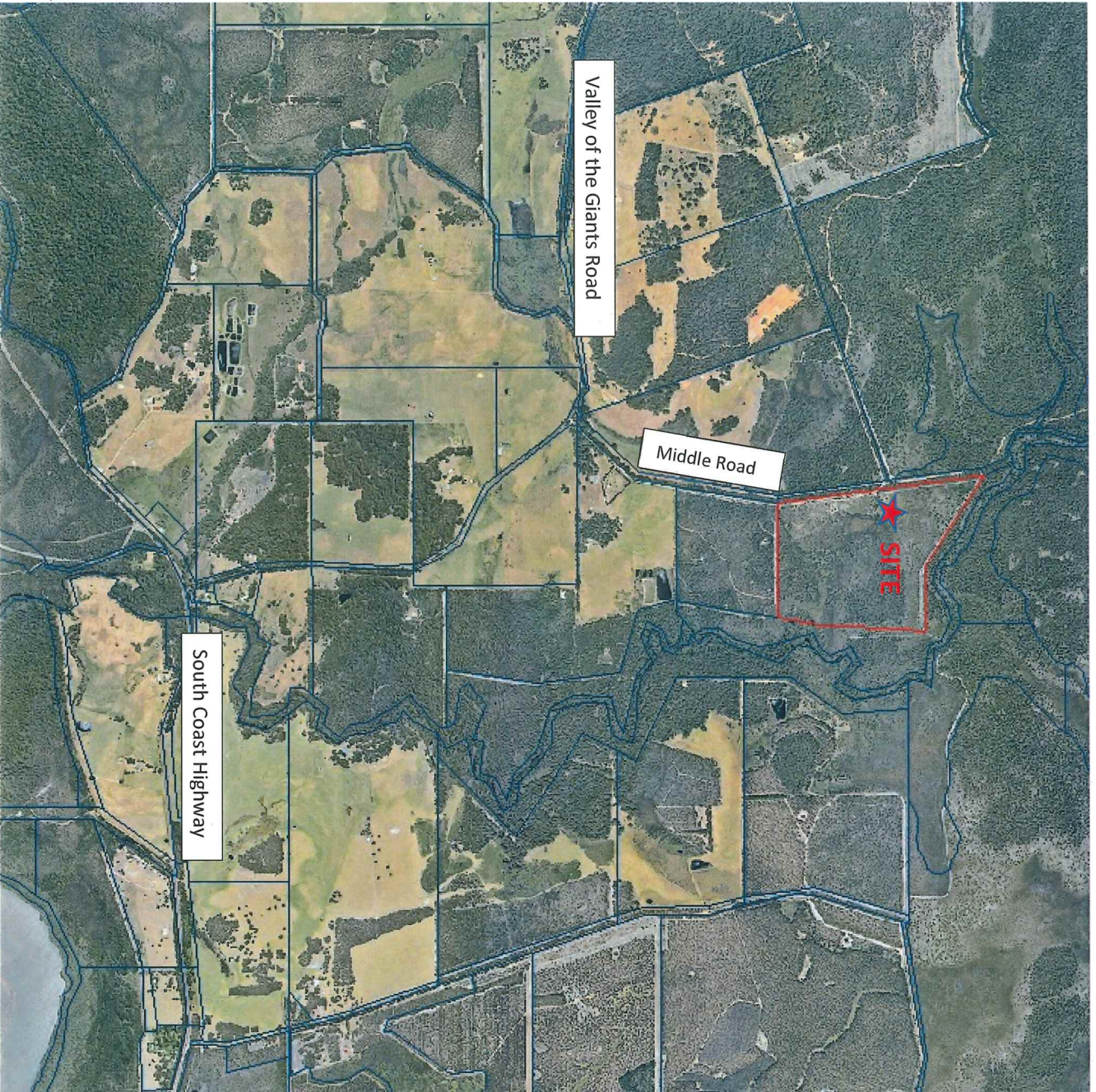


12. N/A Further than 300 from any dwelling
13. N/A
14. Existing vegetation is a mixture of teatree, bracken & other small grasses & shrubs. Area has been a cleared pasture paddock in the past.
15. Site is totally screened by thick scrub/bush & not visible from any thoroughfare.



Rehabilitation & decommissioning program.

1. Program objective is to have the site all but invisible, with even batters all round & revegetated with grass for use as pasture.
2. Batters will be formed as site expands, full rehab on pit closure.
3. Batters formed at approximately 1 in 4.
4. Topsoil replaced by wheel loader & final levelling done with harrows. Owners have asked for pasture seed to be spread at this time.
5. As the owners are wanting to see areas of this entire property brought back to the cleared paddock state to reduce the fire fuel hazard, no trees or shrubs will be planted. However, it's likely that there will regrowth from seed stock of existing vegetation when topsoil is redistributed. Only landscaping planned is forming batters as in (3).
6. Maintenance is to remedy any erosion on the batters, usually only after the first winter & mowing/slashing of grasses.
7. N/A



LOCATION PLAN

PROPOSED EXTRACTIVE
INDUSTRY (SAND)

No. 148 (Lot 2692) Middle
Road, BOW BRIDGE

RECEIVED
19 SEP 2022
BY: _____



SITE PLAN

PROPOSED EXTRACTIVE
INDUSTRY (SAND)

No. 148 (Lot 2692) Middle
Road, BOW BRIDGE

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19 SEP 2022

BY: _____