

BURWELL SUSTAINABLE GARNET PROGRAM



Turning waste garnet
into sustainable
infrastructure

YOUR PARTNER IN
SURFACE
PREPARATION
EQUIPMENT

BURWELL
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THE CHALLENGE

Burwell is actively investing in sustainable solutions to improve the lifecycle of garnet abrasives - particularly the recovery and reuse of spent material.

A key industry challenge is the volume of waste garnet sent to landfill, including material impacted by hazardous coatings such as lead. Our focus is on delivering practical, compliant alternatives that reduce environmental risk and landfill dependency.

We have partnered with a precast concrete manufacturer to repurpose spent garnet into engineered concrete products, including retaining walls, precast blocks, pavements, and structural applications. This creates a true circular solution - transforming waste into valuable construction materials.



THE CLOSED-LOOP SOLUTION

To further reduce environmental impact, we utilise return freight from Australian Garnet deliveries to collect spent garnet. This improves efficiency, lowers transport emissions, and helps control costs.

Our service includes both garnet supply and waste collection, with pricing inclusive of transport. Every load is supported by a Waste Tracking Certificate and managed under EPA approval, confirming Burwell Technologies as an authorised handler.





1

**SUPPLY OF
AUSTRALIAN
GARNET TO
YOUR SITE**

2

**COLLECTION
OF SPENT
GARNET**

3

**TRANSPORT
TO RECYCLING
FACILITY**

4

**WASTE
TRACKING &
DOCUMENTS**

5

**CONVERSION
TO BUILDING
MATERIALS**

WHAT HAPPENS TO YOUR WASTE?

Spent garnet is repurposed into concrete products, replacing natural sand and reducing landfill reliance.

These are used across different applications:

Industrial and Infrastructure

Large interlocking blocks for civil works and storage bays

Architectural and Residential

Textured finishes that replicate natural stone while maintaining structural performance

FULLY COMPLIANT

All waste is managed under **End of waste code EOWC01000731**, ensuring:

- ▶ Full traceability from site to reuse
- ▶ Compliance with EPA regulations
- ▶ Verified chain of responsibility
- ▶ Audit-ready documentation.



**SAVE THE
ENVIRONMENT
& SAVE MONEY!**

CONDITIONS

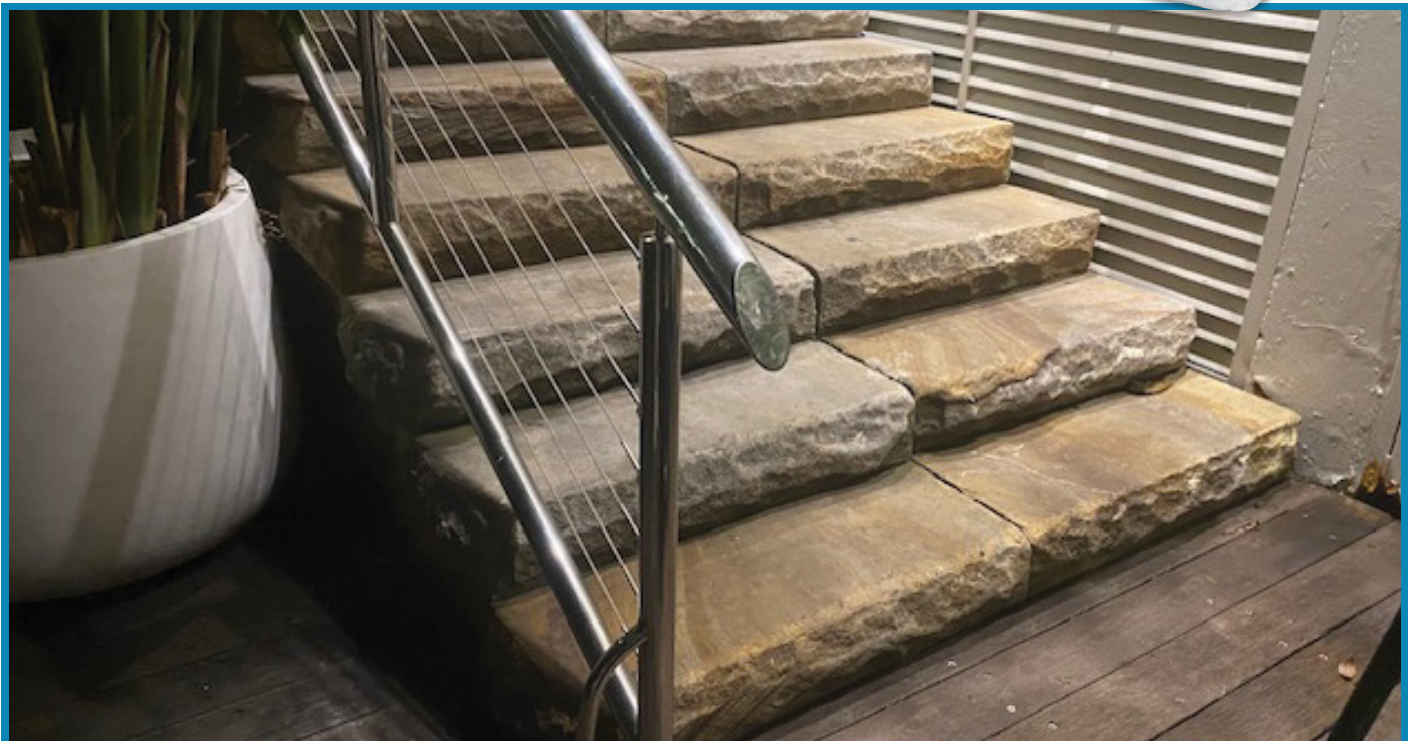
All material must:

- ▶ Be free from large debris
- ▶ Be stored in 1T or 2T bulk bags (or equivalent) suitable for transport
- ▶ Be located within NSW or QLD.



THE NEXT STEP

- ▶ Provide your site details, material volumes, and coating types.
- ▶ We will prepare a tailored supply, collection, and pricing proposal.



Conveniently located across Australia

Find your nearest Burwell branch:

☎ 1300 287 935 🌐 burwell.com.au