toxtest
Upper Burnie, Tasmania, 7320
**Support and Enquiries:**
E: hart@ toxtest.com.au
P: 0439 54 7788
FAX: 02 6526 2123
www.toxtest.com.au

This is an **order form** for a Metals **Soil** Analysis

# Core Soil Analysis

Use this form for **Compost Analysis** also

## Testing for 32 Heavy Metals and Minerals **AU$ 116.00**

**Includes detailed report**

You can also add to this test by ticking the boxes on next page

| Lab Use Only | | |
|---|---|---|
| Relinquished By: | | |
| Preservation: None / Ice / Ice bricks / Acidified / Filtered / Other: | | |
| Received By: | | |
| Condition on receipt: Ambient / Cool / Frozen / Other: | | |
| Referrer toxtest Email: hart@toxno.com.au | | |
| Sample Details SOIL – 32 Metals & Minerals | | |
| Date: Signed: | | |

**Please print clearly - Especially email**

| **Soil / Compost** Details (General description, Soil depth, Location, etc.) | Date<br><br>Number of Samples |
|---|---|
| Name: Phone: | |
| Email (please add hart@toxtest.com.au to your address book as we send results via email) | |

## Payment Method:

☐ Cheque ☐ Money Order ☐ Credit Card ☐ CC over Phone

Mastercard / Visa No: __ __ __ __ / __ __ __ __ / __ __ __ __ / __ __ __ __

Exp. Date:_____ Name on Card: _____ CVV: _____

Postal Address:_____

## Our Lab Details

**Support:** P| 0439 54 7788 E| hart@toxtest.com.au

EAL Environmental Analysis Laboratory

PO Box 157 ( Military Road)
LISMORE NSW 2480
P| 02 6620 3678 F| 02 6620 3957
eal@scu.edu.au, www.scu.edu.au/eal

# **CORE SOIL TEST** – 32 Heavy Metals & Minerals Analysis

**Elements Tested |** Total Acid Extractable ICPMS | Antimony (Sb), Silver (Ag), Arsenic (As), Lead (Pb), Cadmium (Cd), Chromium (Cr), Copper (Cu), Manganese (Mn), Nickel (Ni), Selenium (Se), Zinc (Zn), Mercury (Hg), Iron (Fe), Aluminium (Al), Lithium (Li), Beryllium (Be), Boron (B), Vanadium (V), Cobalt (Co), Strontium (Sr), Molybdenum (Mo), Barium (Ba), Thallium (TL), Bismuth (Bi), Thorium (Th), Uranium (U), Calcium (Ca), Magnesium (Mg), Potassium (K), Sodium (Na), Sulphur (S), Phosphorus (P)

Please complete Client Details along with Payment Method overleaf -

Also include the extra Analyses page if relevant. Payment is directly to Environmental Analysis Laboratory (EAL)

## Sample Collection

Min of 200g required - half a plastic lunch bag is most suitable

Collect a representative soil sample – surface 0-10cm below grass or surface layer typically collected

Location you got the soil, your name and date of sampling, needs to be on the sample. Package sample in a box so it is secure and doesn't get damaged or leak.

Enclose THIS form within the box along with any other instructions or information

Post or Courier to EAL (postage details below) ASAP after collection.

Samples can be sent by post or courier. **TNT** (131 150) or **TOLL** (131 531) are our preferred couriers. Please use the following delivery address and mark sample as –

**URGENT DELIVERY OF SAMPLES FOR TESTING**

**SOUTHERN CROSS UNIVERSITY**

Environmental Analysis Laboratory (EAL)

Ground floor, N Block, Military Road, EAST LISMORE, NSW, 2480, PH: 02 6620 3678

# Add to the **Core Soil Test**

Please tick boxes below if you wish to add these analyses to the core Soil test. You will be charged the extra amount indicated next to the test below on top of the $108 for the Core Soil Test analysis.

## Deeper Assessment of Soil Health & Fertility

❑ **Soil Health and Available Nutrient Status + actionable REPORT** ($152) (Code RA-PACK-001)

This test beautifully compliments the Total Metals analysis in the Core Soil Test above and focuses on soil Health and overall fertility. If you're growing stuff in the soil, then this add-on test is indispensable. See the Toxtest Soil page for an explanation of all these parameters tested including examples of other people's soil test results.
Test Includes pH and EC (1:5 water); Available Calcium, Magnesium, Potassium, Ammonium, Nitrate, Phosphate, Sulphur; Exchangeable Sodium, Potassium, Calcium, Magnesium, Hydrogen, Aluminium, Cation Exchange Capacity (CEC); Bray I and II Phosphorus; Colwell Phosphorus; Available Micronutrients Zinc, Manganese, Iron, Copper, Boron, Silicon; Total Carbon (TC), Total Nitrogen (TN), Organic Matter, TC/TN Ratio; Basic Colour, Basic Texture.

❑ **Chloride Soluble & Phosphorus Buffer Index (PBI)** ($42.00) (Code SS-SING-038 and SS-SING-037)

NOTE: You can **add additional Elements and Rare Earth Metals** below. **Cost is an extra $39** for each additional metal/mineral
**Circle the metal/s** you need added to the standard 32 Metal Analysis -
Caesium (Cs), Cerium (Ce), Dysprosium (Dy), Erbium (Er), Europium (Eu), Gadolinium (Gd), Germanium (Ge), Gold (Au), Holmium (Ho), Lanthanum (La), Lutetium (Lu), Neodymium (Nd), Palladium (Pd), Platinum (Pt), Praseodymium (Pr), Rubidium (Rb), Samarium (Sm), Scandium (Sc), Tantalum (Ta), Terbium (Tb), Thulium (Tm), Tin (Sn), Titanium (Ti), Tungsten (W), Ytterbium (Yb), Yttrium (Y), Zirconium (Zr).

❑ Or you can have **ALL** these additional elements tested. **Cost is $198 extra. Just tick the box**

# Add to the **Core Soil Test**

Please tick boxes below if you wish to add these analyses to the core Soil test. You will be charged the extra amount indicated next to the test below on top of the $116 for the Core Soil Test analysis.

**Additional Analysis of Soil Potential Contaminants**

❑ **Pesticide Screen - Low Level -** ($151) (Code SS-PACK-056)
Includes Low Level Pesticide Analysis: Organo-chlorines (OC), Organo-phosphates (OP), Polychlorinated Biphenyls (PCB).

❑ **Glyphosate (Round Up) + AMPA (Glyphosate main metabolite) Screen** ($231) (Code SS-SING-157)

❑ **PFAS in dust** ($197) (Code SS-SING-216) **–** standard level 28 suite with detection 0.5 µg/kg Includes the analysis of per- and poly-fluoroalkyl substances (PFAS) in dust.

❑ **Silica & Silicon** ($139.00) (Code SS-SING-027) - Total Includes specialised high temperature fusion extraction of silicon.

❑ **Asbestos** ($81.00) (SS-SING-063) **–** Asbestos Identification (**Not Quantifiable**) - Identification in building material, soil, compost and dust. Only shows presence of Asbestos – not quantity

Samples can be sent by post or courier. **TNT** (131 150 ) or **TOLL** (131 531) are our preferred couriers.
Please use the following delivery address and mark sample as –

**URGENT DELIVERY OF SAMPLES FOR TESTING**

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