

<b>Team Lead:</b>	Sachin Rudraraju	<b>Project:</b> Community Recycling Campaign
<b>Team members:</b>	Manu Matsa Hemanth Koralla Deepti Koralla Arjun Venkataraman Harsha Ponna	<b>Description:</b> Computer Recycling Awareness Material

Name	% of wt of computer	Wt(lbs)	Recycling Efficiency	Use and Location of Material
Plastics	22.9907	13.8	20%	Includes organics, oxides other than silica
<b>Lead</b>	6.2988	3.8	5%	Metal joining, radiation shield/CRT, PWB
Aluminum	14.1723	8.5	80%	Structural, conductivity/housing, CRT, PWB, connectors
Germanium	0.0016	< 0.1	0%	Semiconductor/PWB
Gallium	0.0013	< 0.1	0%	Semiconductor/PWB
Iron	20.4712	12.3	80%	Structural, magnetivity/(steel) housing, CRT, PWB
Tin	1.0078	0.6	70%	Metal joining/PWB, CRT
Copper	6.9287	4.2	90%	Conductivity/CRT, PWB, connectors
Barium	0.0315	<0.1	0%	Vacuum tube/CRT
Nickel	0.8503	0.51	80%	Structural, magnetivity/(steel) housing, CRT, PWB
Zinc	2.2046	1.32	60%	Battery, phosphor emitter/PWB, CRT
Tantalum	0.0157	<0.1	0%	Capacitors/PWB, power supply
Indium	0.0016	<0.1	60%	Transistor, rectifiers/PWB
Vanadium	0.0002	<0.1	0%	Red phosphor emitter/CRT
Terbium	0	0	0%	Green phosphor activator, dopant/CRT, PWB
Beryllium	0.0157	<0.1	0%	Thermal conductivity/PWB, connectors
Gold	0.0016	<0.1	99%	Connectivity, conductivity/PWB, connectors
Europium	0.0002	<0.1	0%	Phosphor activator/PWB
Titanium	0.0157	<0.1	0%	Pigment, alloying agent/(aluminum) housing
Ruthenium	0.0016	<0.1	80%	Resistive circuit/PWB
Cobalt	0.0157	<0.1	85%	Structural, magnetivity/(steel) housing, CRT, PWB
Palladium	0.0003	<0.1	95%	Connectivity, conductivity/PWB, connectors
Manganese	0.0315	<0.1	0%	Structural, magnetivity/(steel) housing, CRT, PWB
Silver	0.0189	<0.1	98%	Conductivity/PWB, connectors
Antimony	0.0094	<0.1	0%	Diodes/housing, PWB, CRT
Bismuth	0.0063	<0.1	0%	Wetting agent in thick film/PWB
<b>Chromium</b>	0.0063	<0.1	0%	Decorative, hardener/(steel) housing
<b>Cadmium</b>	0.0094	<0.1	0%	Battery, phosphor emitter/housing, PWB, CRT
Niobium	0.0002	<0.1	0%	Welding allow/housing
Yttrium	0.0002	<0.1	0%	Red phosphor emitter/CRT
Rhodium	0	0	50%	Thick film conductor/PWB
Platinum	0	0	95%	Thick film conductor/PWB
Mercury	0.0022	< 0.1	0%	Batteries, switches/housing, PWB
Arsenic	0.0013	< 0.1	0%	Doping agents in transistors/PWB
Silica	24.8803	15	0%	Glass, solid state devices/CRT,PWB