

*Table 1 Range of soil results for various locations in Hester*

**Health Investigation Levels (HIL)** are scientifically based, generic assessment criteria designed to be used in the first stage (Tier 1 or 'screening') of an assessment of potential risks to human health from chronic exposure to contaminants. They are intentionally conservative and are based on a reasonable worst-case scenario for specific land-use settings<sup>1</sup>

	<b>Copper (Cu) in Soil (mg/kg )</b>	<b>Cu HIL (mg/kg)</b>	<b>Total Chromium (Cr) in Soil (mg/kg)</b>	<b>Arsenic (As) in Soil (mg/kg)</b>	<b>As HIL (mg/kg)</b>	<b>Chromium VI (CrVI) in Soil (mg/kg)</b>	<b>CrVI HIL (mg/kg)</b>
<b>Hester Road Verges</b>	2.7 to 130	17000	74 to 970	<5 to 220	300	<1	300
- Excluding verges of homes closest to site	2.7 to 48			<5 to 94		<1	
<b>Hester Road Yards</b> including garden beds, chicken pens, decking and play areas	1.1 to 51	6000	<1 to 750	<5 to 20	100	<1	100
<b>Warner Street Verges</b>	4.7 to 50	17000	9.5 to 1200	<5 to 35	300	<1	300
<b>Warner St Yards</b> – as above, includes areas of yards in use.	<5 to 47	6000	<5 to 1700	<2 to 18	100	<1	100
<b>Connell Road Verge</b>	7.3 to 10	17000	190 to 230	<5	300	<1	300
<b>Connell Road Properties</b>	6.4 to 12	6000	23 to 170	<5 to 6	100	<1	100
<b>Warner Reserve 1</b>	31	17000	21	14	300	-	300
<b>Warner Reserve 2</b>	24	17000	91	56	300	-	300
<b>Warner / Hester Bus Stop</b>	13	17000	200	3	300	-	300
<b>Warner Bus Parkup (a)</b>	16	17000	49	13	300	-	300
<b>Wandoo Bus Parkup (b)</b>	8.8	17000	81	7.3	300	-	300

1. [Guideline on Investigation Levels for Soil and Groundwater 3Sep.doc \(nepc.gov.au\)](#)