**Heavy Metals in Foxdale former mine-working area, and Peel Marina**

Important note: The analytical results from which these data are extracted relate only to the samples tested, which had been taken for specific investigatory purposes in locations where mine contamination was suspected – no inference regarding heavy metal content in soils not similarly contaminated by residues from mine workings is implied nor should be inferred.

| | Arsenic | Cadmium | Chromium | Copper | Lead | Nickel | Zinc |
|---|---|---|---|---|---|---|---|
| Peel Marina sediment (5 samples taken by DEFA in 2013) | 40 - 49 | 3 - 6 | 34 - 41 | 75 - 126 | 1570 - 2480 | 29 - 34 | 870 - 1420 |
| Soils from Foxdale area in vicinity of mines (range of majority) excluding obviously mine spoil | 20 - 200 | 1 - 13 | 10 - 60 | 10 - 260 | 400 - 6500 | 8 - 80 | 250 - 5000 |
| Mine spoil from'deads' area | up to 460 | up to 17 | up to 30 | up to 670 | up to 70,000 | up to 35 | up to 1900 |

All results in milligrams per kilogram (mg/kg) dry weight

70,000 mg/kg corresponds to 7% lead, which may indicate some unextracted lead ore.
The above data are from analysis carried out by the Government Laboratory.

In addition the Government Laboratory has analysed water from the river downstream of the Poortown site

| | Arsenic | Cadmium | Chromium | Copper | Lead | Nickel | Zinc |
|---|---|---|---|---|---|---|---|
| River water from downstream of field adjacent to Poortown Quarry, 5/03/15 | <5 | <0.5 | <5 | 25.8 | 57.9 | 12.1 | 85.8 |

All results in mcrograms perlitre (µg/l) N.B 1000 µg/l = 1 mg/l