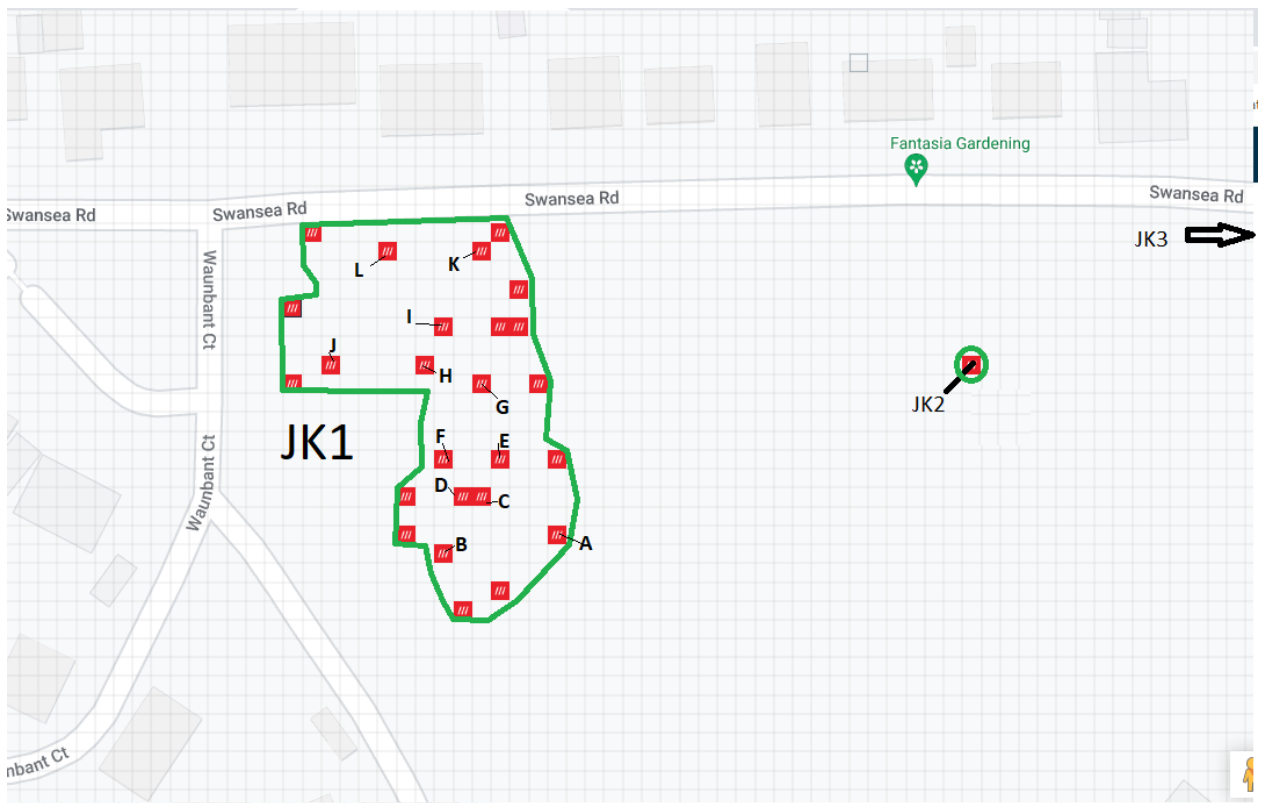


TKC3051 – Soil sampling map and photos.

Site address: Land off Swansea Road, Merthyr Tydfil CF48 1HS

Site history: Land is essentially a levelled mound of colliery spoil. Land has been levelled in the past and planning permission sought for housing. Japanese knotweed is growing in three places in site. Only the large stand, JK1, will need excavating to a depth to be determined, but probably to 5-600mm depth before being capped with root barrier, the other two stands will be treated on site.

Samples were taken from different soil depths and locations as shown below throughout JK1. The majority of the sample holes found very stony ground quite quickly, little soil was present the fill being mainly colliery waste, stone and particles.



Map showing sample locations in JK1 area. No excavation works are planned in JK2 or JK3.

Sample reference	Sample depth	Notes	Photograph numbers
A1	0.5-0.6m	Soil and JK rhizomes 0-0.5m, then progressively stonier. At 1.5m all stone and fragments, no JK visible at depth.	230,231, 232, 233
A2	1.5-1.6m		
B1	0.5-0.6m	Little soil, at surface 0-0.3m, ground stonier. Large stones at 1.3m. No JK seen at depth, all in top 1m or less.	374, 377, 378, 380
B2	1.1-1.2m		
C1	0.4-0.5m	Little soil, at surface 0-0.25m, ground stony. Large stones at 0.8m. No JK seen at depth, all in top 0.5m.	428, 429, 430
D1	0-0.3m	Little soil, at surface 0-0.2m, ground stony. Large stones at 0.6m. No JK seen at depth, all in top 0.4m.	447, 449, 450, 452
E1	0.1-0.2m	Little soil, at surface 0-0.3m, ground stony. Large stones at 0.8-1m. No JK seen at depth, all in top 0.6m.	453, 456, 459
E2	0.5-0.6m		
F1	0-0.3m	Little soil, at surface 0-0.2m, ground stony. Large stones at 0.6-0.8m. No JK seen at depth, all in top 0.3m.	466, 468, 471
G1	0.1-0.2m	Little soil, at surface 0-0.2m, ground stony. Large stones at 0.6-0.8m. No JK seen at depth, all in top 0.3m.	472, 474, 476, 477, 478
H1	0.1-0.2m	Little soil, at surface 0-0.25m, ground stony. Medium stones at 0.6-0.8m. No JK seen at depth, all in top 0.7m, larger rhizomes at this location then elsewhere.	479, 481, 482, 483, 484
H2	0.7-0.8m		
I1	0.6-0.8m	Little soil, at surface 0-0.6m, ground stony. Large stones at 1m. No JK seen at depth, all in top 0.4m.	485, 486, 487
J1	0.3-0.5m	Little soil, at surface 0-0.25m, ground stony. Large stones at 1m. JK all in top 0.8m, deeper rhizomes at this location then elsewhere on site.	488, 489, 490
K1	0.4-0.5m	Soil (clay) to 1m, then ground stony. JK in top 0.7m	491, 492, 493, 494, 495, 496
L1	0.4-0.5m	Soil and slate in top layer – 1.4m, then clay below. JK in top layer only.	499, 500, 501, 502, 503

