



Certificate of Analysis

TS1-10mm Topsoil

Clay (<0.002mm)	%	U	9	✓
Silt (0.002-0.05mm)	%	U	14	✓
Very Fine Sand (0.05-0.15mm)	%	U	16	✓
Fine Sand (0.15-0.25mm)	%	U	14	✓
Medium Sand (0.25-0.50mm)	%	U	33	✓
Coarse Sand (0.50-1.0mm)	%	U	11	✓
Very Coarse Sand (1.0-2.0mm)	%	U	3	✓
Stones (2-20mm)	% DW	G	0	✓
Stones (>20mm)	% DW	G	0	✓

pH Value (1:2.5 water extract)	units	G	7.7	✓
Electrical Conductivity (1:2.5 water extract)	uS/cm	U	833	✓
Electrical Conductivity (1:2 CaSO4 extract)	uS/cm	U	2573	✓
Moisture Content	%	G	15	✓
Organic Matter (WB)	%	U	4.1	✓
Total Nitrogen (Dumas)	%	U	0.17	✓
Extractable Phosphorus	mg/l	U	44	✓
Extractable Potassium	mg/l	U	464	✓
Extractable Magnesium	mg/l	U	94	✓

Total Arsenic (As)	mg/kg	M	3	✓
Total Barium (Ba)	mg/kg	M	29	✓
Total Beryllium (Be)	mg/kg	M	0.2	✓
Total Cadmium (Cd)	mg/kg	M	0.2	✓
Total Chromium (Cr)	mg/kg	M	13	✓
Total Copper (Cu)	mg/kg	M	5	✓
Total Lead (Pb)	mg/kg	M	10	✓
Total Mercury (Hg)	mg/kg	M	<0.02	✓
Total Nickel (Ni)	mg/kg	M	<10	✓
Total Selenium (Se)	mg/kg	M	0.2	✓
Total Vanadium (V)	mg/kg	M	17	✓
Total Zinc (Zn)	mg/kg	M	11	✓
Water Soluble Boron (B)	mg/kg	M	1.4	✓
Total Cyanide (CN)	mg/kg	M	<1	✓
Total (mono) Phenols	mg/kg	U	<1	✓
Elemental Sulphur (S)	mg/kg	M	<20	✓
Acid Volatile Sulphide (S)	mg/kg	U	2	✓
Water Soluble Sulphate (SO4)	g/l	M	0.2	✓
TPH by GC-FID (C10-C40)	mg/kg	M	<50	✓

Naphthalene	mg/kg	M	<0.4	✓
Acenaphthylene	mg/kg	M	<0.1	✓
Acenaphthene	mg/kg	M	<0.1	✓
Fluorene	mg/kg	M	<0.1	✓
Phenanthrene	mg/kg	M	<0.2	✓
Anthracene	mg/kg	M	<0.1	✓
Fluoranthene	mg/kg	M	<0.2	✓
Pyrene	mg/kg	M	<0.2	✓
Benzo(a)anthracene	mg/kg	M	<0.1	✓
Chrysene	mg/kg	M	<0.1	✓
Benzo(b)fluoranthene	mg/kg	M	<0.1	✓
Benzo(k)fluoranthene	mg/kg	M	<0.1	✓
Benzo(a)pyrene	mg/kg	M	<0.1	✓
Indeno(1,2,3-cd)pyrene	mg/kg	M	<0.1	✓
Dibenzo(a,h)anthracene	mg/kg	M	<0.1	✓
Benzo(g,h,i)perylene	mg/kg	M	<0.1	✓
Total PAHs (sum USEPA16)	mg/kg	M	<2	✓

Visual Examination

Brown, dry, friable loamy sand with a moderately developed fine to coarse granular structure. Stone free with no observable deleterious materials, including foreign matter (brick, concrete, glass, metal, plastic) and roots or rhizomes of pernicious weeds (including couch grass and Japanese knotweed).

✓	Meets BS3882:2007 specification
X	Fails BS3882:2007 specification
LS	Loamy Sand Texture Class
M	MCERTS accredited method (& UKAS accredited method)
U	UKAS accredited method
G	GLP accredited method