

Murkle Beach particle finds

ID Number	Date	Easting	Northing	Depth cm	Cs137 Bq	Co60 Bq	Nb94 Bq	Type	Comments
MKBCH/07/01	16-Apr-07	316780	969621	10	1.3E+04	<2.6E+00	<2.7E+00		Long count 16 hours
MKBCH/09/01	18-May-09	316696	969439	18	9.0E+03	<1.0E+01	<9.8E+00		16 hour count

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Glossary of terms

ID number	Unique reference number given to each particle. Since 2000, these numbers have been structured in more detail to provide information on the location and year in which the particles was found
Date	Date on which the particle was found
Easting	East co-ordinate of particle find in UK national grid
Northing	North co-ordinate of particle find in UK national grid
Depth	Approximate depth in centimetres at which the particle was located
Cs137 Bq	Content of Caesium 137 activity in the particle, measured in becquerels
Co60 Bq	Content of Cobalt 60 activity in the particle, measured in becquerels
Nb94 Bq	Content of Niobium 94 activity in the particle, measured in becquerels
Type	<p>Type of particle. Particles are generally of three main types depending on the origin of the particle, but a fourth type, denoted by U, has also been identified:</p> <ul style="list-style-type: none">DFR - originated from Dounreay Fast ReactorMTR - originated from a Materials Test ReactorSS - stainless steel, originated from DFR or PFR (Prototype Fast Reactor) cladding materialsU - contain irradiated uranium oxide, which could have originated from MTR or DFR fuel <p>Note: particle type is determined from SEM/Edax analysis and is carried out, with the agreement of SEPA, on selected particles only</p>
Comments	Some particles, when separated in the laboratory from the associated sediments, are found to comprise more than one fragment. The number of fragments is identified