PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

Job Title: Post-Doctoral Research Assistant   **Department: Earth Sciences**

	Essential	Desirable	Tested by Application Form/Interview/Test
Knowledge, Education, Qualifications and Training			
PhD (or thesis submitted subject to examination) in Seismology or other fields with relevant experience at the time of starting the post	X		Application
Proven knowledge of seismic imaging methods and seismic data	X		Application / Interview
Demonstrable comprehensive knowledge of mantle structure and dynamics		X	Application / Interview
An independent research reputation in seismology, geophysics or a related subject, with evidence of completed research published in international journals (or in review/in press).		X	Application / Interview
Skills and Abilities			
Demonstrable aptitude in computer programming and developing numerical codes	X		Application / Interview
Ability to analyse and interpret seismic data	X		Application / Interview
Ability to work collaboratively and as part of a team	X		Application / Interview
Ability to work under own initiative	X		Application / Interview
Excellent written and oral communication skills	X		Application / Interview
Ability to present complex information effectively to a range of audiences	X		Application / Interview
Experience			
Experience with Unix programming environments	X		
Practical experience of inverse methods	X		Application / Interview
Practical experience of working with seismic data	X		Application / Interview
Research experience complementary to the project		X	Application / Interview

Experience of working in an Earth Sciences environment		X	Application / Interview
Experience with the interpretation of seismic tomography models		X	Application / Interview
Experience with collaborative research		X	Application / Interview
Other requirements			
Commitment to equality, diversity, and inclusion	X		Application / Interview
Commitment to high quality research in seismology	X		Application / Interview