

Field category	Field sub-category	Field name	Units or options	Field description	Additional notes
Identifiers		STUDY SITE HARVEST/SAMPLING TIME STORAGE PLANT PART LOCATION WITHIN SITE OTHER			
Field references		FR ref Eon ref Site Name		Internal Forest Research (FR) reference No. Internal E.ON reference No. Name of farm, field or site	
Sampling details		Level of variation Harvest time Field Sample Field sample date Stored sample Stored sample date Sample phase Plant part	B/I S 1/2/3/4 S/T/B/L	Are samples bulked (B) or individually sampled (I) across the site Time of harvest relative to growing cycle Fresh sample taken Date fresh samples taken Sample taken of stored material Date stored sample taken Which phase of experiment: Phase 1 = Fresh samples in March; Phase 2 = March samples after 3 months storage; Phase 3 = Fresh samples in June; Phase 4 = June samples after 3 months storage Part(s) of plant included in sample (Stem/Top/Bark/Leaves)	
Forestry Commission (FC) site details		Site No Type FOREST BLK CPMT SCPT LUSE SPIS ORIG PROP PLYR YLDC AREAA		Identification number for site (within SRF conifer) Type of site in terms of climate zone (Warm Moist or Cold Wet) and soil type (Mineral or Organic) Forestry Commission (FC) Forest No. FC Block No. FC Compartment No. FC Sub-compartment No. Land use (PHF = Productive High Forest) Species (SS = Sitka Spruce) Origin of seeds where known (Q = Queen Charlotte Island; N = not known) Propagation type (N = Natural; V = Vegetative; P = Planted) Year of planting Yield Class Area of sub-compartment	
Site details general		Climate zone Soil type Grid Ref. Area (ha) Aspect % slope Drainage	WM/CW M/O ha %	Climate zone as defined in GIS climate layer: Warm moist (WM) or Cold Wet (CW) Soil type as defined in GIS soil layer: Mineral (M) or Organic (O) Grid reference of site Area of sub-compartment Does the site (predominantly) face north, south east or west, or is it level Average slope of the site, expressed as a percentage A rough assessment of how well drained the site is	
Site details at Phase 1 (March harvest)		Assessor Date Grid ref for each waypoint Photos Stony per waypoint Stoney (Y) Stoney (N) Air temp per waypoint Average air temp Soil temp per waypoint Average soil temp Weather observations (Temp) Weather observations (sunlight) Weather observations (Wind) Weather observations (Other)	 Y/N Y/N Y/N 0-10 0-10 Y/N °C Y/N °C Y/N	Name of site assessor for Phase 1 (March harvest) sample collection Date of Phase 1 sample collection Do we have a grid reference for every waypoint Do we have a set of photos of the site Do we have an assessment of how stoney the soil is at each waypoint Number of sample site assessed as stoney (0-10) Number of sample site assessed as not stoney (0-10) Do we have the air temperature at each waypoint at the time of Phase 1 sample collection Average air temperature from all waypoints Do we have the soil temperature at each waypoint at the time of Phase 1 sample collection Average soil temperature from all waypoints Do we have weather observations take at the time of taking Phase 1 samples Assessment of temperature at the time of Phase 1 sampling Assessment of sunniness at the time of Phase 1 sampling Assessment of windiness at the time of Phase 1 sampling Any other comments about the weather at the time of Phase 1 sampling	
Crop details		Number plots Distance (m) Field Station Comments & Contacts	 m	Number of bulked samples within plot Distance between samples Forest Research (FR) field station responsible for sample collection	
Weather condition at Phase 2 (stored samples from March harvest)		Assessor Date Average air temp Average soil temp Weather observations (Temp) Weather observations (sunlight) Weather observations (Wind) Weather observations (Other)	 °C °C	Name of site assessor for Phase 2 (stored samples from March harvest) sample collection Date of Phase 2 sample collection Average air temperature from all waypoints Average soil temperature from all waypoints Assessment of temperature at the time of Phase 2 sampling Assessment of sunniness at the time of Phase 2 sampling Assessment of windiness at the time of Phase 2 sampling Any other comments about the weather at the time of Phase 3 sampling	
Weather conditions at Phase 3 (June harvest)		Assessor Date Average air temp Average soil temp Weather observations (Temp) Weather observations (sunlight) Weather observations (Wind) Weather observations (Other)	 °C °C	Name of site assessor for Phase 3 (June harvest) sample collection Date of Phase 3 sample collection Average air temperature from all waypoints Average soil temperature from all waypoints Assessment of temperature at the time of Phase 3 sampling Assessment of sunniness at the time of Phase 3 sampling Assessment of windiness at the time of Phase 3 sampling Any other comments about the weather at the time of Phase 3 sampling	
Weather condition at Phase 4 (stored samples from June harvest)		Assessor Date Average air temp Average soil temp Weather observations (Temp) Weather observations (sunlight) Weather observations (Wind) Weather observations (Other)	 °C °C	Name of site assessor for Phase 4 (stored samples from June harvest) sample collection Date of Phase 4 sample collection Average air temperature from all waypoints Average soil temperature from all waypoints Assessment of temperature at the time of Phase 4 sampling Assessment of sunniness at the time of Phase 4 sampling Assessment of windiness at the time of Phase 4 sampling Any other comments about the weather at the time of Phase 4 sampling	