

SAMPLE SUBMITTAL SHEET FOR LUMINESCENCE DATING OF ARTEFACTS

1. A completed sample sheet must accompany each sample, **Fill out with as much detail as possible in the field.**

Date:	Name:
Company:	Project and Location:
Latitude/Longitude:	Elevation (in metres above sea level): Use a GPS or topographic map
Sample Code: Provide a unique sample code for each luminescence sample collected.	
Excavation methodology – please describe method of excavation (mechanical vs hand excavation, excavation unit size, etc)	
Approximately how long was the artefact exposed to light?	If only part of artefact was exposed, was the light exposed portion of artefact outlined and labelled? How?
Artefact lithology:	Artefact description:
Type of Sedimentary Deposit:	<input type="checkbox"/> Wind-lain <input type="checkbox"/> Water-lain <input type="checkbox"/> Beach <input type="checkbox"/> Lake <input type="checkbox"/> Hill slope <input type="checkbox"/> Other:
Dose Rate Sample – Collected from the material immediately surrounding the artefact. This can easily be done once the artefact is collected.	Sample code: Context: <input type="checkbox"/> Similar material within 20 cm of sample <input type="checkbox"/> Different material within 20 cm of sample <input type="checkbox"/> Additional DR sample/s taken
Water Content – Please provide some information about the conditions at the time of sampling.	Is the sample representative of long-term water content since deposition? E.g. Has it rained recently? Extended dry period? Mark an X on the line Drier _____ Similar _____ Wetter
Burial depth (cm) - This is the sample depth from the current ground surface. Include notes on any buried soils and any evidence of recent deposition/erosion or disturbance that may have influenced the burial-depth history.	
Estimated Age - Is there independent age control from your site? Geomorphic context? Features of assemblage? Etc.	
Sedimentary/Stratigraphic Description (take detailed photos, use drawings/sketches on back of page if possible) - include information on grain size, sorting, any sedimentary structures visible, how homogenous the material is, evidence of bioturbation (animal disturbance)/roots or disturbance etc.	

Sampling Procedure Checklist

- ☐ Artefact packed in aluminium foil and light safe bag after <30-60 s of light exposure?
- ☐ Light exposed portion of artefact marked with marker or in photo?
- ☐ Sampled representative sediment for dose rate within a 5-7 cm radius around artefact?
- ☐ Site/samples documented with photos/sketches and descriptions?