VICUS

SAMPLE SUBMITTAL SHEET FOR LUMINESCENCE DATING OF SEDIMENT

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

Field Worker:	**Date:**
Project and Location:	
Sample Code: Provide a unique sample code for each OSL sample collected.	**Sample code:**
Type of Deposit	□ Wind-lain □ Water-lain □ Beach □ Lake □ Hill slope □ Other:
Dose Rate Sample – Collected from the material immediately surrounding the sample tube. This is easily done once the tube is removed. If there is different material (e.g. bedrock) within 20 cm of the sample tube, collect an additional dose rate sample from that material.	**Sample code:** Context: □ Similar material within 20 cm of sample □ Different material within 20 cm of sample □ 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 (metres) - This is the sample depth from the current ground surface. Include notes on any buried soils and any evidence of recent deposition/erosion that may have influenced the burial-depth history.	
Elevation (in metres above sea level) – Use a GPS or topographic map.	
Latitude/Longitude	
Estimated Age - Is there independent age control from your site? Any geomorphic context? e.g. Holocene fluvial terrace, soil/geological mapping	
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

- □ Cleared outcrop/face back to fresh material?
- □ Targeted fine to medium grained sand from homogenous horizons (preferably >20cm thick)
- □ Sampled at >0.5m depth if possible?
- □ Avoided areas of bioturbation, weathered soils or erosional surfaces?
- □ Sampled representative sediment for dose rate within a 5-7 cm radius around tube?
- □ Tube is tightly packed? Ensure ends are secured with end caps or aluminium foil and duct tape?
- □ Samples are packed and stored to avoid unnecessary shaking or bouncing?
- □ Site/samples documented with photos/sketches and descriptions?