



SCIENTIFIC OBJECTIVE (max 100 words) – briefly describe the rationale and expected outcomes:

<replace this example text || e.g. I want to determine the mineral composition and spatial distribution of ore phases in Mn-nodules. Specifically interested in Mn, Fe, Ni, Cu, Co, Pb, and Ce distribution in Fe-Vernadite layers. Will be used as base maps to determine ROIs for subsequent EPMA analysis.>

SAMPLES:

Type:

<replace this example text || e.g. Epoxy-mounted cylinders (28mm diameter) of polymetallic manganese nodules with target mineral size ranging from 20-30 microns.>

Sample preparation:

<replace this example text || e.g. Sample blocks were polished to a 1 micron finish via a water based method. / I don't know which sample preparation is needed>

Quantity:

<replace this example text || e.g. 5 samples in total.>

[OPTIONAL] ACQUISITION:

Optional - Intended instrument(s):

<replace this example text || e.g. UU – EM Centre – EVO 15 (SEM) / I don't know which instrument to use.>

Optional - Expected acquisition time (days):

<replace this example text || e.g. 5 days in total. / I don't know how long this will take.>