

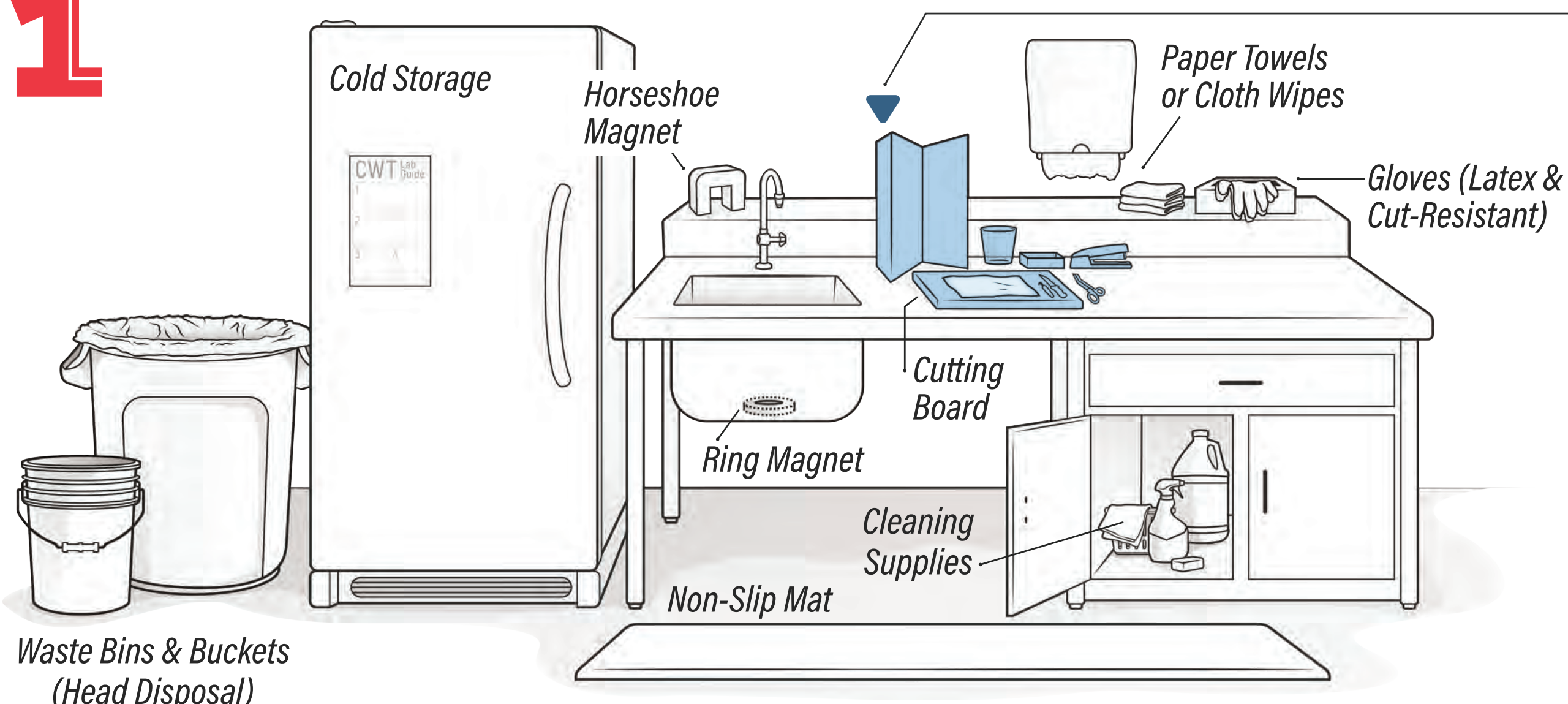
CWT Manual Lab Guide



A **CODED WIRE TAG (CWT)** is a small piece of wire etched with a code and injected into snouts of juvenile salmon and steelhead

LAB STATION ESSENTIALS

1



CUTTING SETUP

V-DETECTOR



OTHER TOOLS:

Writing Instruments

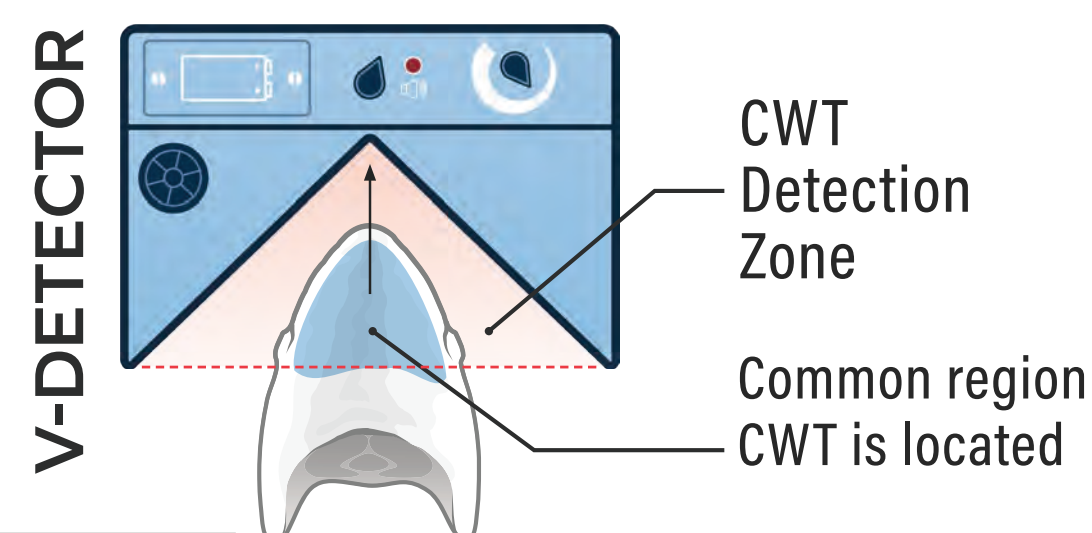
Tape

ISOLATE

2

[A] Thaw & clean head/snout

[B] Confirm presence of CWT with V-Detector



Always make cuts with tissue sample in most stable position

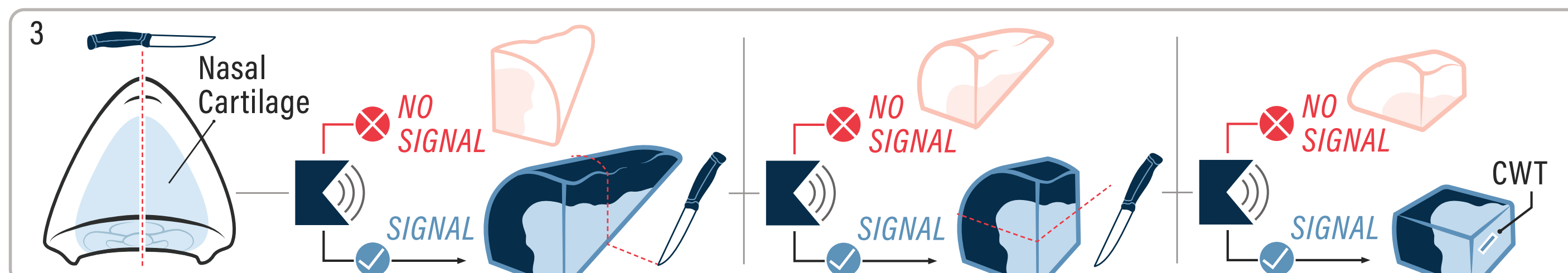
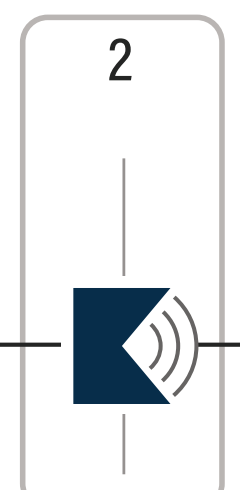
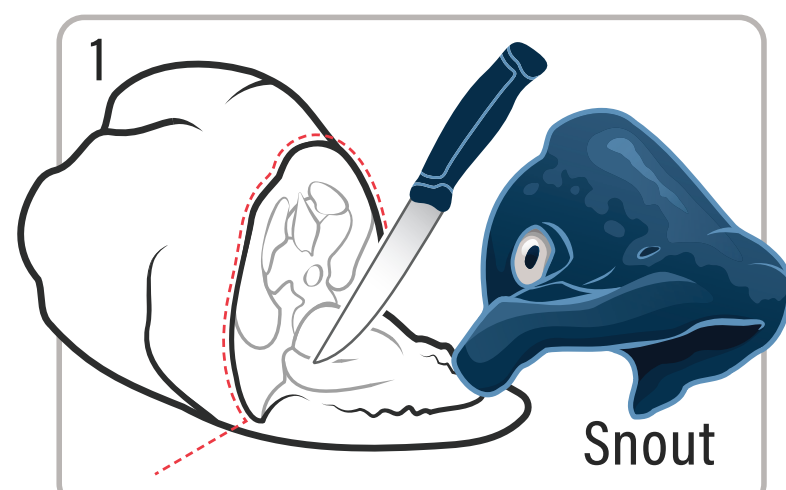
Only divide tissue that produces a signal

[C] Isolate CWT by cutting

1 Make series of cuts to reduce size of sample

2 Run tissue sample by V-detector to confirm CWT

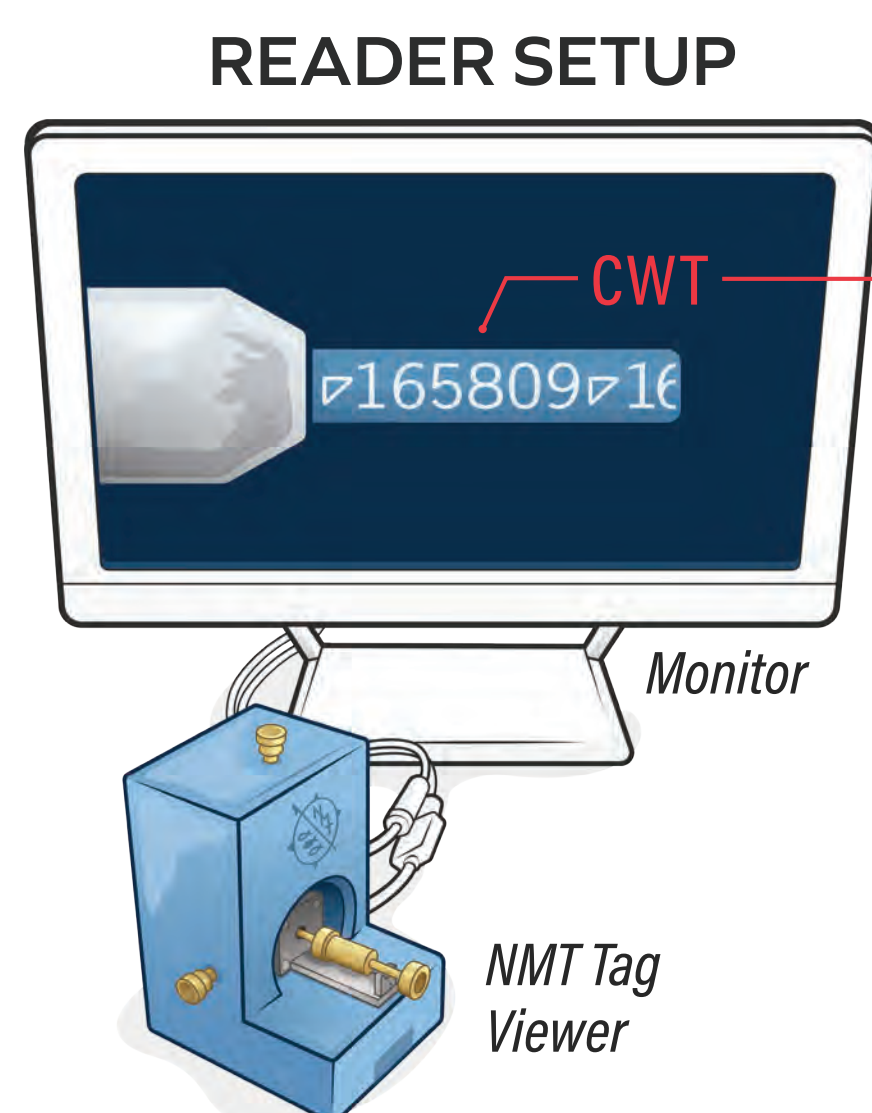
3 Repeat cutting tissue in halves & scanning until CWT is isolated



READ & RECORD

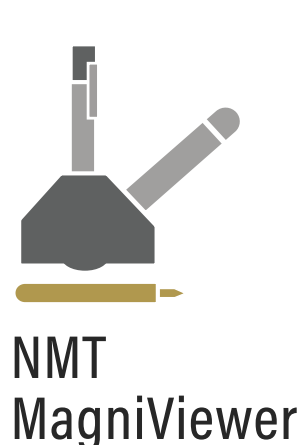
3

Identify CWT code and attach CWT to reading/recording sheet



Magnetic Pencil to Hold CWT

OTHER TAG READERS



Record info & tape CWT flat to reading/recording sheet



1ST READ

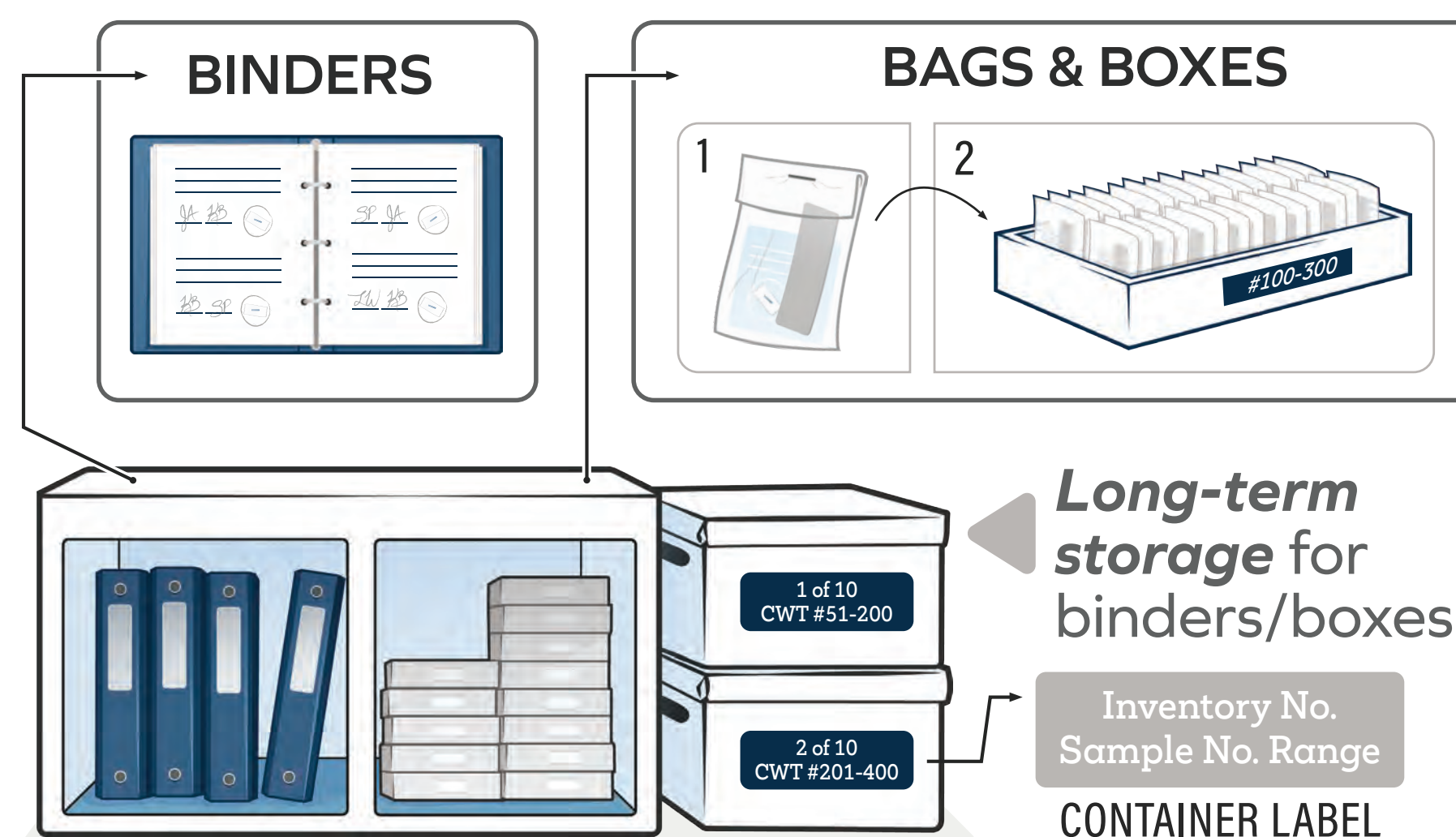
2ND READ

3RD READ: TIE BREAKER

STORE

4

Sort and file reading/recording sheets with attached CWT



For more detail, scan code for CWT Recommended Procedures Documents

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Clean and organize the lab workspace before and after CWT extraction.