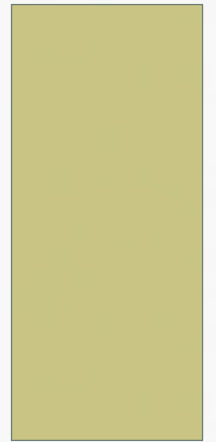


GEOCHEMICAL SOURCING OF LAPRELE MAMMOTH KILL OCHRE

MEG KENT



OUTLINE

1. La Prele Mammoth Kill Site
2. Methods
3. Results

La Prele Mammoth Kill Site

- The majority of the bones were axial elements.
- One flake tool and thirteen flakes were recovered.



Summer 2016



Red Ochre



Hematite Sourcing

Neutron
activation
analysis

Infrared
spectroscopy

X-ray diffraction

X-Ray
fluorescence

Magnetism

Inductively-
coupled plasma
optical emission
spectroscopy



Hematite Sourcing

Neutron
activation
analysis

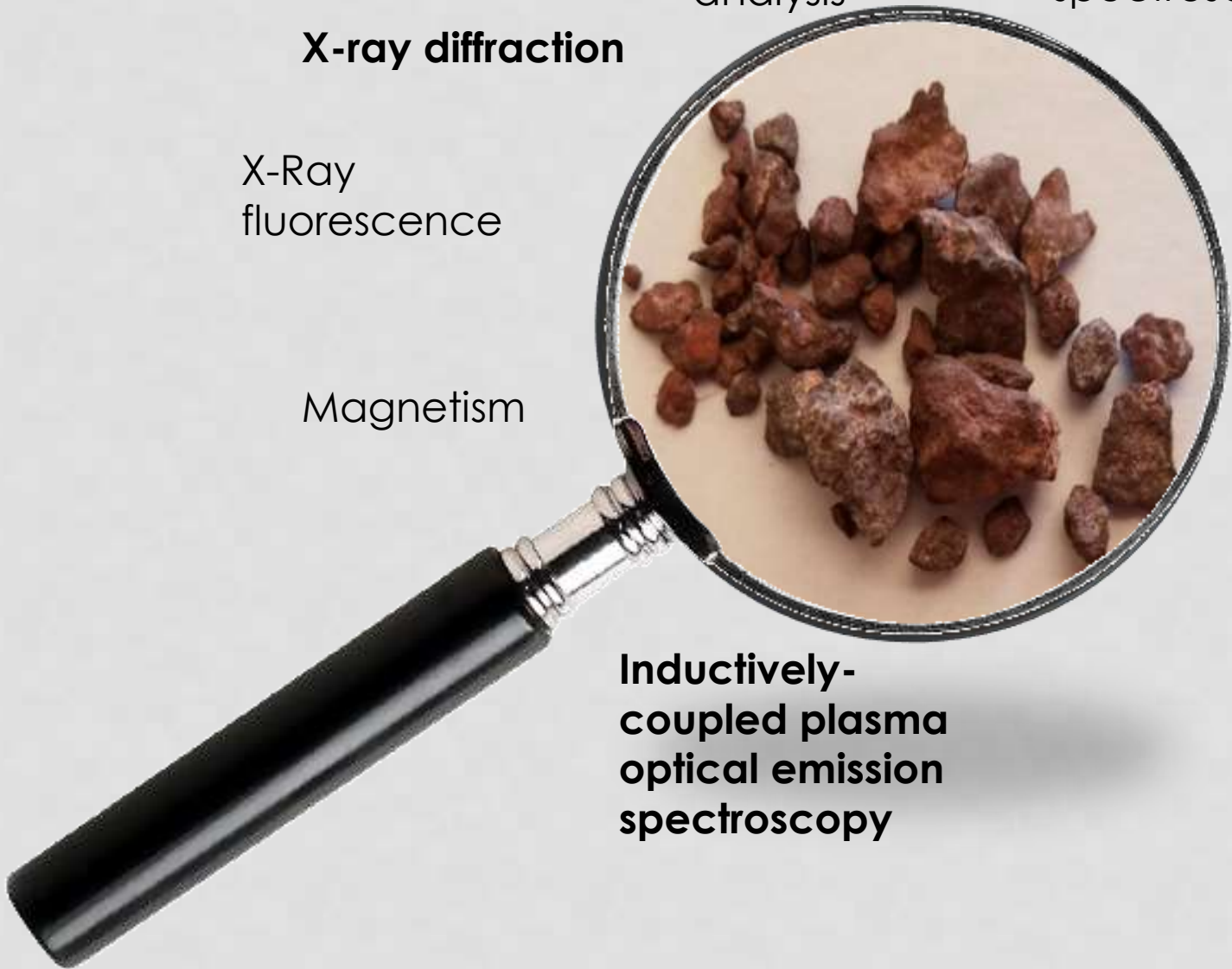
Infrared
spectroscopy

X-ray diffraction

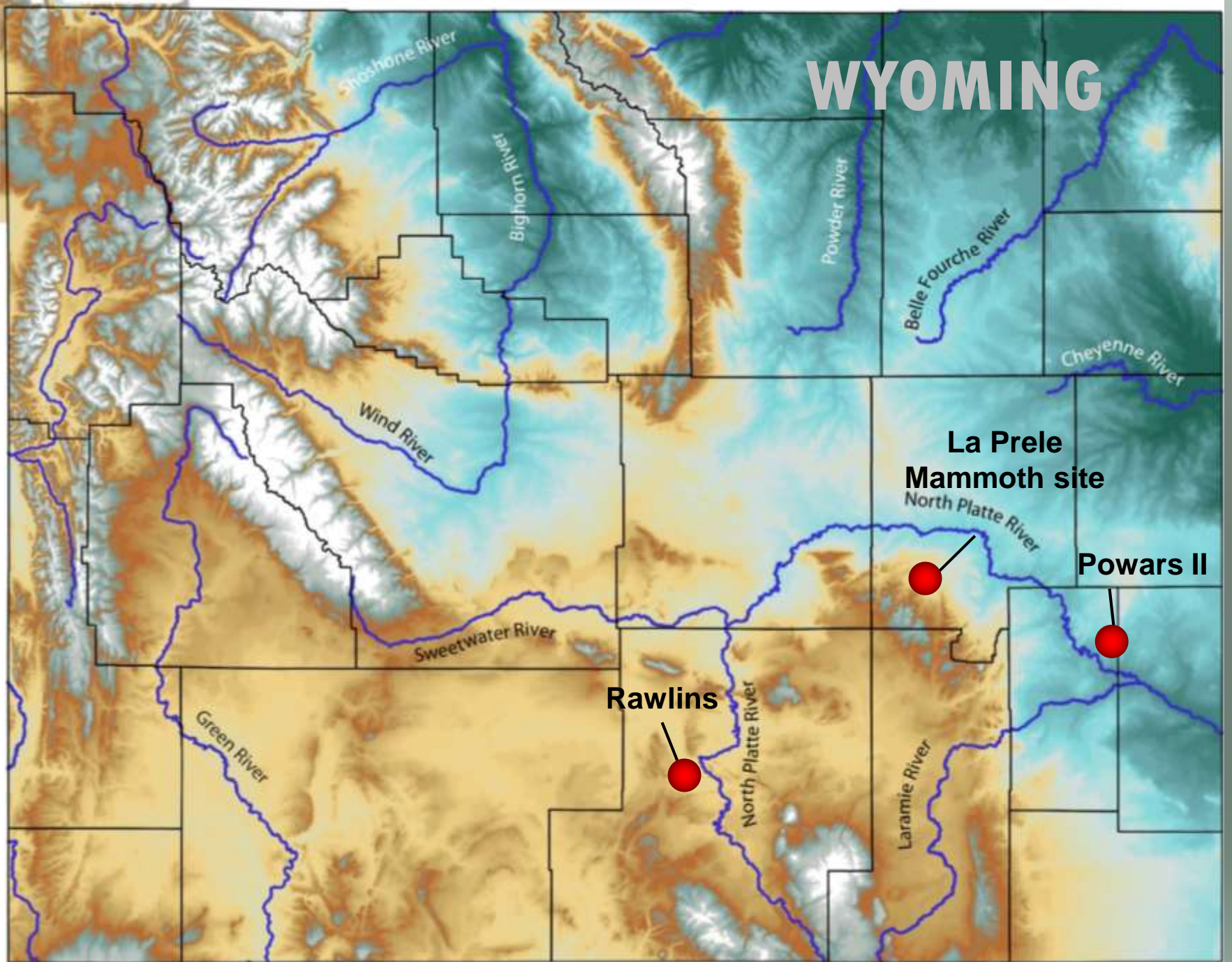
X-Ray
fluorescence

Magnetism

**Inductively-
coupled plasma
optical emission
spectroscopy**



WYOMING





JURASSIC PARK

1886
WYOMING
COWBOYS

La Prele Creek



Rawlins



ANALYSIS

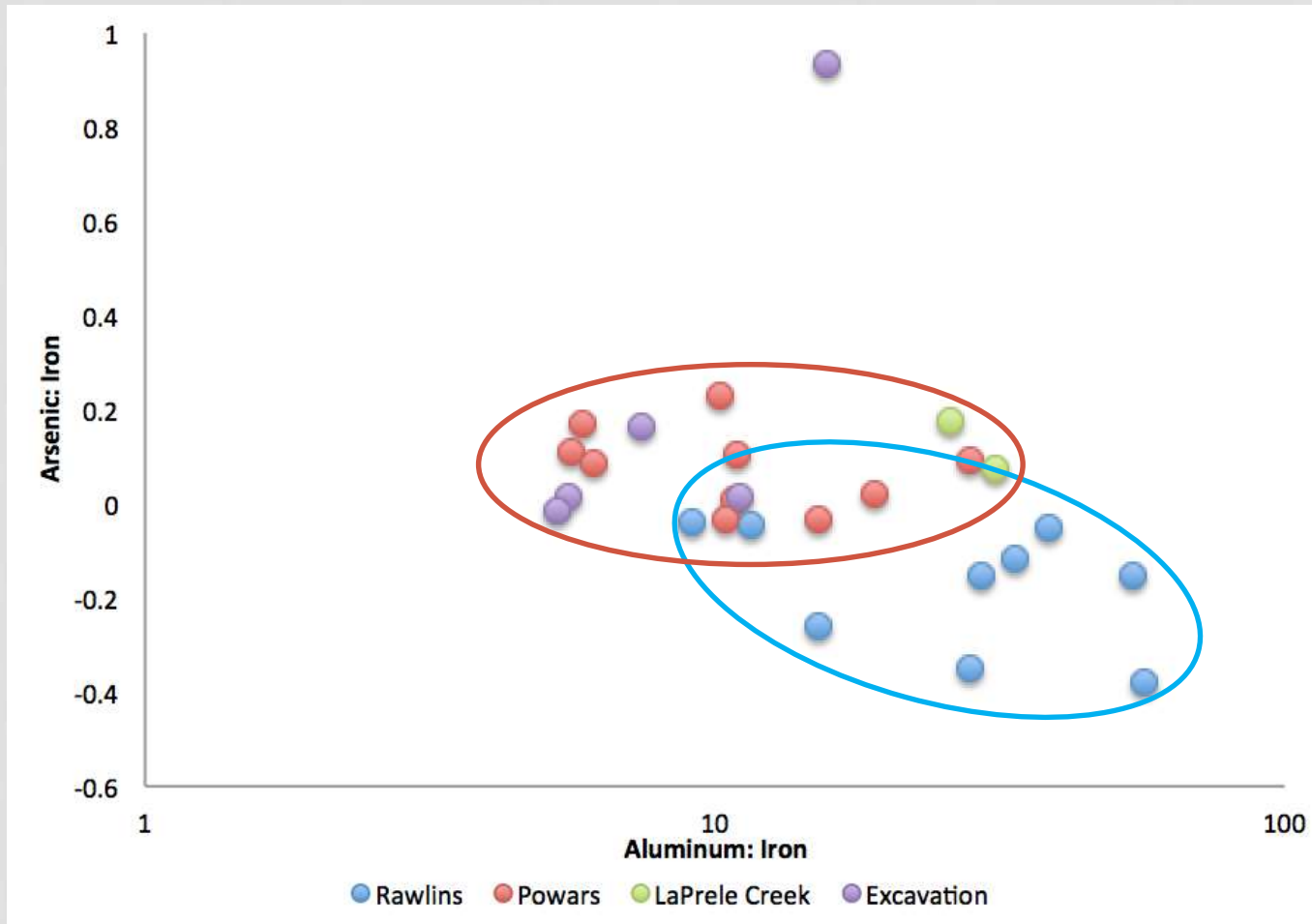


XRD

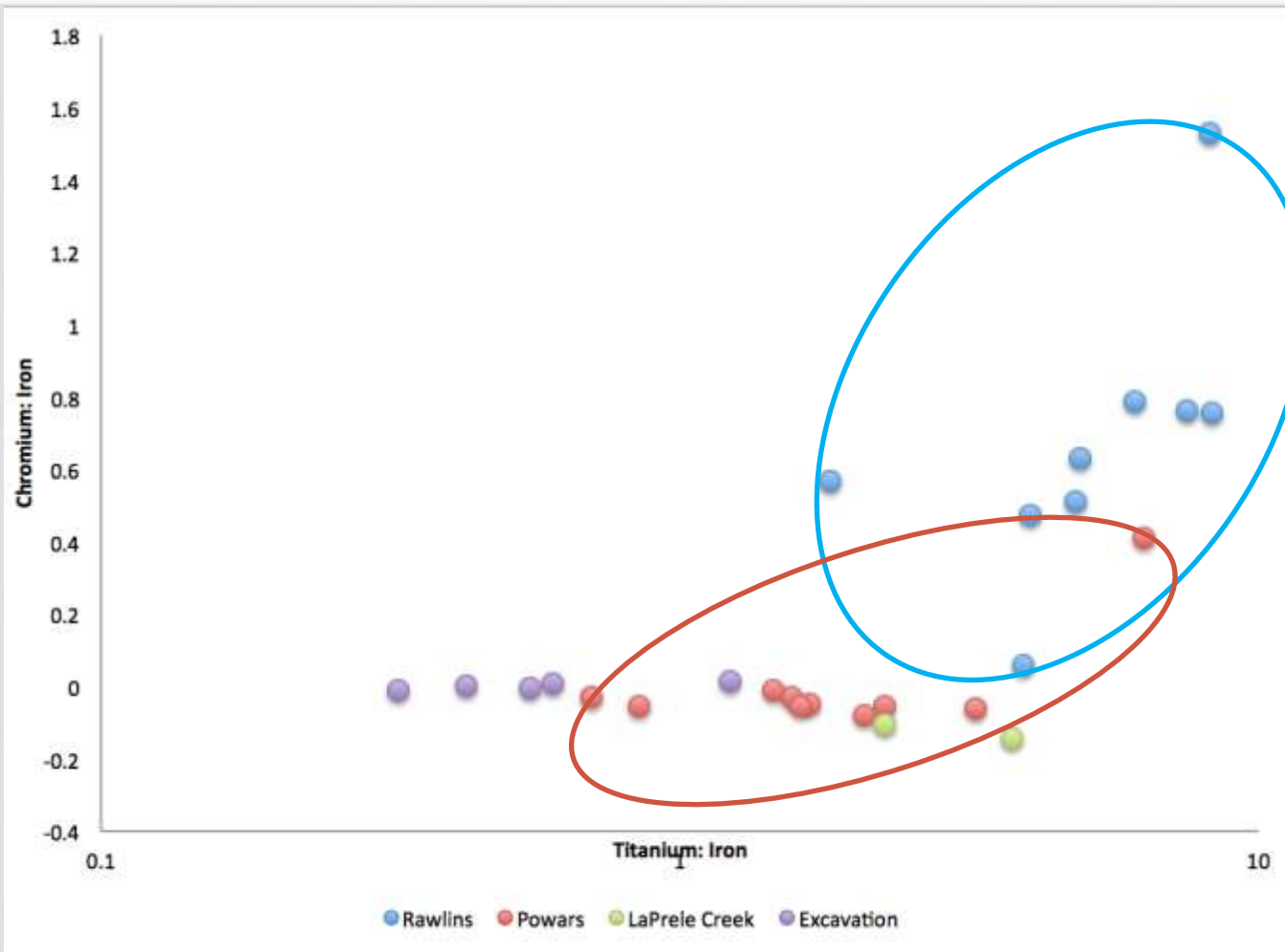


ICP-OES

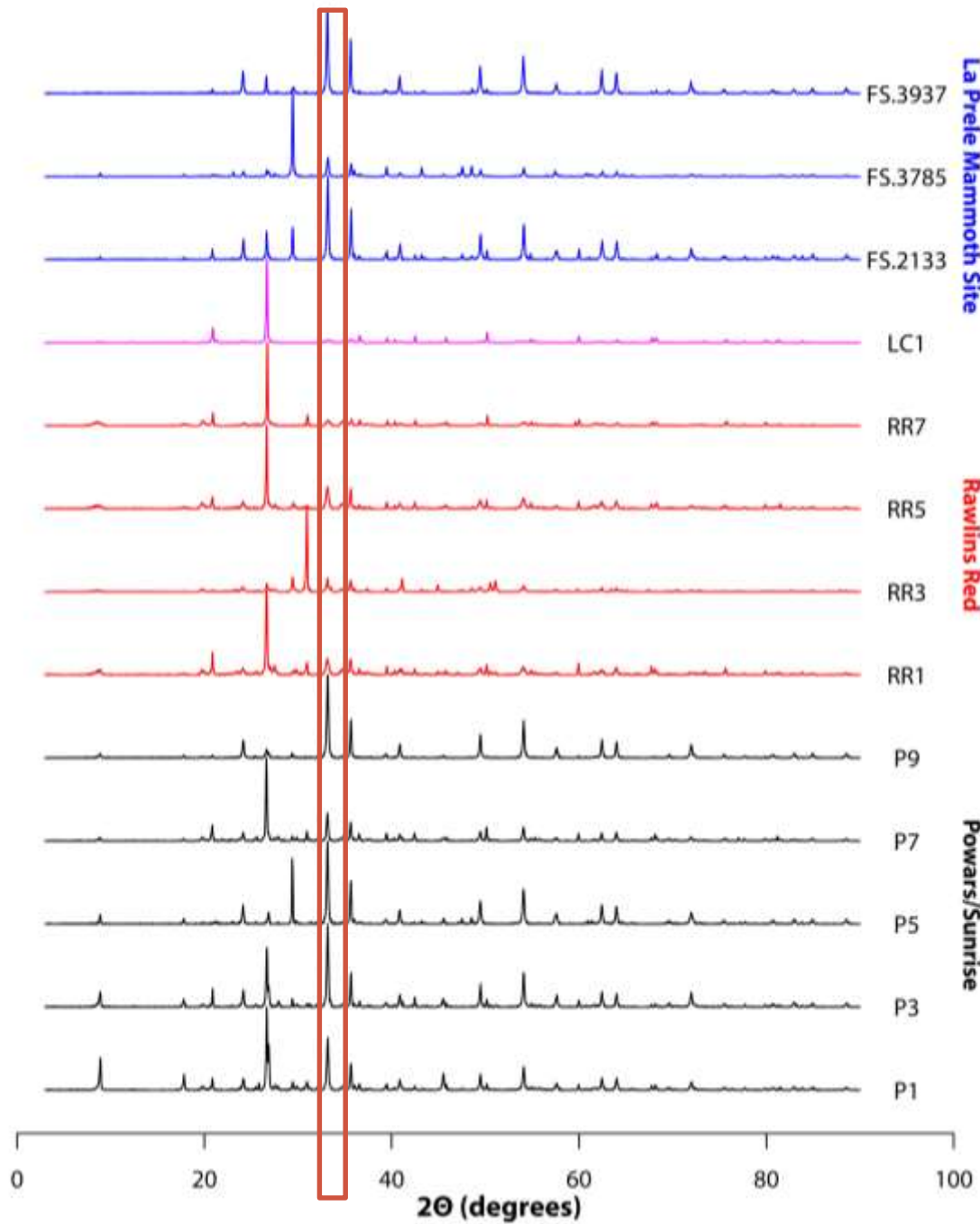
RESULTS



RESULTS



Intensity



La Prele Mammoth Site

La Prele Creek

Rawlins Red

Powers/Sunrise

FS.3937

FS.3785

FS.2133

LC1

RR7

RR5

RR3

RR1

P9

P7

P5

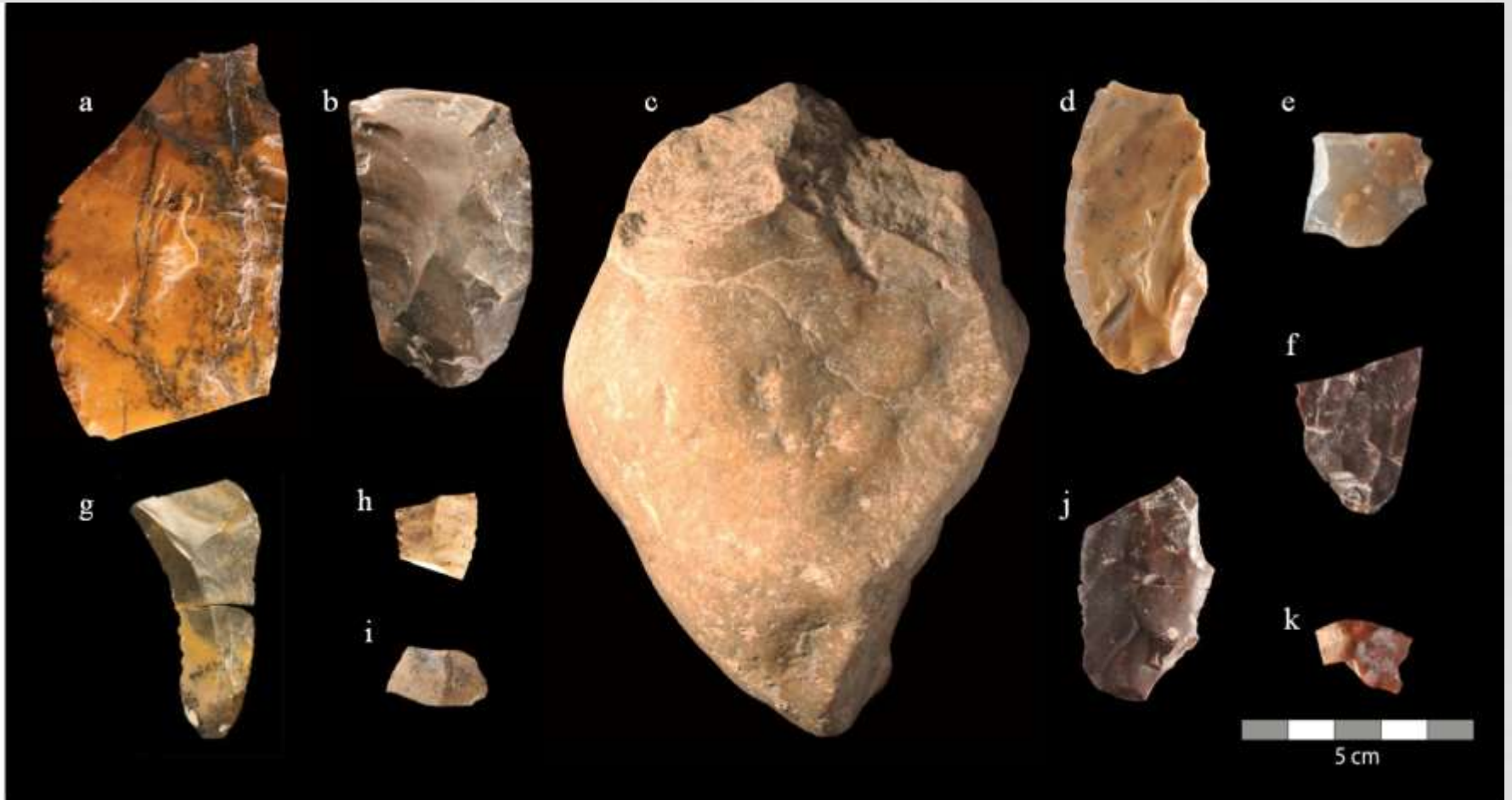
P3

P1

0 20 40 60 80 100

2θ (degrees)

CONCLUSIONS



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