Paleontological Resources Assessment Flowchart

Assessment of Project or Land Management Action
Prior to Permit or Other Approval
(Includes proponent-initiated projects, land tenure adjustments, and other actions)
Can the proposed action potentially affect paleontological resources?

Unknown

YES NO

B

Analyze Affected Surface Geology
(Apply PFYC – Conduct separate assessment for each affected geological unit.)

PFYC Class: 1 2 3 4 5

Very Low/ Low Potential
Are significant paleo resources known to occur in the project area?

YES NO

A B

Moderate/ Unknown Potential
Is there adequate information to evaluate affects to paleo resources?

YES NO

A C

High/ Very High Potential
Is there a reasonable expectation of adverse impacts to paleo resources?

YES NO

A C

Can the paleo resource be avoided?
Can the project be re-routed or redesigned?
Can the need for surface disturbance be reduced or eliminated?
Paleontological Actions

Determine the need for field survey or monitoring.
Written assessment.
Is the action likely to affect significant paleo resources?

Yes

Conduct paleontological field survey.
Survey Report.
Is the action likely to affect significant paleontological resources?

No

Monitoring plan for on-site monitoring or spot checking as appropriate.

Can the paleo resource be avoided?
Can the project be re-routed or redesigned?
Can the need for surface disturbance be reduced or eliminated?

Yes

No further assessment required.
Document case file. Include standard/special paleo stipulations as appropriate.

No

Can the paleo resource be avoided?
Can the project be re-routed or redesigned?
Can the need for surface disturbance be reduced or eliminated?

Yes

No

Is the action likely to affect significant paleo resources?