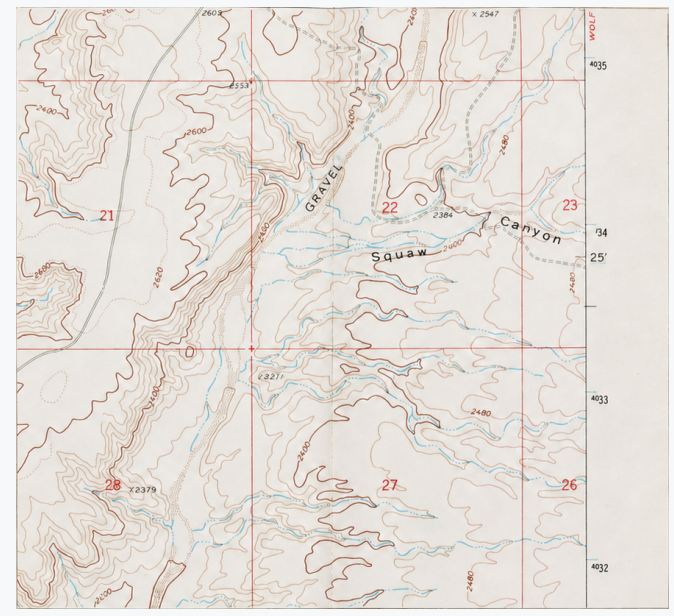
A textual near-match sends the map search off course

GPT-5.5 · DeerFlow

QUESTION

Identify the historic topographic map, year, scale, and official full-map product. Resolve its old canyon name to the current GNIS name, ID, and coordinates. Using those coordinates and a current federal map, identify the national monument and its joint managing agencies.



Input image

CONDENSED TRAJECTORY

[Goal]
Match the historical map crop, resolve its old canyon name to a current GNIS record, then identify the national monument and joint managers.

[Tool Calls]
web_search(query='"Squaw Canyon" "Gravel" USGS topographic')
web_search(query='"Squaw Canyon" "feature ID" "canyon"')

[Result]
Results include Mondovi, Washington, and Red Rock Canyon, GNIS 11730.

[Tool Calls]
open_page(url="pastmaps.com/map/mondovi-lincoln-county-wa-usgs-topo-1969-p1972...")
open_page(url="sciencebase.gov/catalog/item/5a8a2e1ee4b00f54eb3cebd9")

[Result]
Text mentions Squaw Canyon and a Gravel Pit. Catalog metadata identifies Mondovi, 1969, scale 1:24,000.

[Incorrect Decision]
The research report promotes this textual overlap to an exact match for the photographed crop, without obtaining a matching map image.

[Tool Calls]
web_search(query="GNIS Squaw Canyon Mondovi Washington current official name feature ID coordinates")
open_page(url="edits.nationalmap.gov/.../all-official-sq-names")

[Result]
The official list includes Red Rock Canyon, 11730, in Arizona. The next searches nevertheless stay within Lincoln County, Washington.

[Tool Calls]
open_page(url="regulations.gov/comment/DOI-2022-0001-0682")
web_search(query='"Laupp Canyon" "1508658"')

[Result]
Laupp Canyon is returned with ID 1508658 and coordinates 47.7371030999999, -118.037192099999.

[Tool Calls]
web_search(query="47.737103 -118.037192 national monument Washington")
web_search(query="Laupp Canyon national monument")

[Final Answer]
Incorrect: Mondovi, Washington, 1969, 1:24,000 → Laupp Canyon, GNIS 1508658.
The report cannot determine a national monument or its managers.