Reflection Profiling Studies Of The California Continental Borderland Structure And Quaternary Turbidite Basins Geological Society Of America Special Paper

#reflection profiling #california continental borderland #quaternary turbidite basins #marine geology #seismic structural analysis

This Geological Society of America Special Paper presents comprehensive reflection profiling studies focusing on the complex geological structure of the California Continental Borderland and its associated Quaternary turbidite basins. It offers critical insights into the tectonic evolution, sediment dynamics, and subsurface architecture of this significant offshore region, advancing our understanding of marine basin formation.

Reflection Profiling Studies Of The California Continental Borderland Structure And Quaternary Turbidite Basins Geological Society Of America Special Paper

Turbidites - Turbidites by Science with Thomas Stevenson 10,420 views 4 years ago 8 minutes, 27 seconds - What **turbidites**, are, how they are formed, and their most important sedimentary features. Includes a short introduction to the ...
Introduction
Whats a turbidity current
Properties
Why are they important
Flow structures
Boomer sequence
Turbidites - Turbidites by sumnerd 31,096 views 17 years ago 6 minutes, 2 seconds - Submarine debris flows create turbidity currents, which deposit **turbidites**,. Here, I describe the processes leading to **turbidite**, ...
Submarine Fan Depositional Environments- turbidity currents and the Bouma sequence | GEO GIRL - Submarine Fan Depositional Environments- turbidity currents and the Bouma sequence | GEO GIRL by GEO GIRL 7,330 views 3 years ago 16 minutes - Ever wonder how sediment from land is deposited in the ocean? Submarine fan deposits occur when sediment is not only ...
Where/what are submarine fans?
Submarine fans vs. alluvial fans
Fan deposition & facies distribution controlling factors
submarine fan system parts
flow diagram of submarine fan system
stratigraphy of submarine fan systems

What are turbidity currents
Where turbidites form in submarine fan systems
Turbidite stratigraphy (Bouma sequences)
Recap and other depo env videos!
Simulation of turbidites - Simulation of turbidites by Institut de physique du globe de Paris 20,839 views 7 years ago 2 minutes, 42 seconds - A turbidity flow is a subaqueous sedimentary process which is a particular gravity flow. Several factors are able to trigger the ...
Bouma Sequence - Bouma Sequence by Geologyat Cowbridge 7,297 views 4 years ago 4 minutes, 59 seconds - The **geology**, of the Bouma sequence.
Deep water Turbidite Depositional Systems and Reservoirs Course Preview HD - Deep water Turbidite Depositional Systems and Reservoirs Course Preview HD by PetroSkills 1,116 views 9 years ago 6 minutes, 49 seconds - Modern sea floor data from several **turbidite basins**, will be available and participants will receive instruction on interpretation, ...
Structural approaches to interpret depositional shear in turbidites - Structural approaches to interpret depositional shear in turbidites by Rob Butler 1,650 views 1 year ago 19 minutes - Part of The Shear Zone Channel. **Turbidite**, sandstones can contain spectacular **structures**, associated with their deposition.
Origin of Convoluted Lamination
Parallel Lamination
Linear and Planar Fabrics
Parallel Lamination and Convolute Lamination
Turbidite Transport: Sediment's Journey - Turbidite Transport: Sediment's Journey by OceanLeadership 9,758 views 8 years ago 4 minutes, 36 seconds - What are **turbidites**,? Where do they go? What do they look like? What do they tell **us**,? Join the team on the JOIDES Resolution to ...
Turbidity Current
Turbidite
Parallel Lamination
Cascadia Turbidites.mov - Cascadia Turbidites.mov by ingomar200 13,554 views 9 years ago 4 minutes, 49 seconds - On the **continental**, shelf and slope off the Pacific Northwest of coast USA is an intricate system of canyons and channels carved by ...
Astride North America's Pacific Northwest coast...
stretching 700 miles from California's Cape Mendocino to Canada's Queen Charlotte Islands...
Here, tectonic forces push the Juan de Fuca and Gorda Plates...
beneath the North America Plate at 4 cm per year.
Over centuries, this slow deformation stores elastic energy in the crust.
In hundreds of seconds, a subduction earthquake liberates hundreds of years of pent-up power.
Much of that energy goes into seismic waves that: shake populated shores.
In quiet times between cutting events, waterborne sediment shed from the continent...
The occurrence of a major subduction earthquake
The bulk of turbidity flows run out into deep basins, but a bit remains behind as turbidite deposits.
Moreover, by identifying various stratigraphic markers in the cores, each turbidite can be dated.
By correlating among many cores, the spatial extent...
turbidites document the frequency of magnitude 8+ Cascadia earthquakes back nearly 12,000 years.
Amazing Flash Flood / Debris Flow Southern Utah HD - Amazing Flash Flood / Debris Flow Southern Utah HD by rankinstudio 10,254,231 views 10 years ago 5 minutes, 6 seconds - July 18th 2013. Massive debris flow / flash flood in Southern Utah. Close to 3" of rain fell north of my location and I filmed these ...
Hydraulic jump, low head dam installation, and coarse sediment transport - Hydraulic jump, low head dam installation, and coarse sediment transport by Francis Villatoro 3,600,972 views 14 years ago 1 minute, 20 seconds - River Geomorphology Video created by Little River **Research**, and Design, with funding from the Missouri Department of Natural ...
Why Do Rivers Curve? - Why Do Rivers Curve? by MinuteEarth 8,517,723 views 9 years ago 2 minutes, 57 seconds - Can you find an oxbow lake in GoogleEarth? Share your findings (pictures or coordinates) on Twitter, Facebook and other social ...
sequence stratigraphy - sequence stratigraphy by devexgeoseis 118,349 views 11 years ago 3 minutes, 58 seconds - sequence stratigraphy: would you please like or unlike my vid, then i will know if i should continue to upload more ...
Low stand wedge sedimentation

Transgressive system track
Low system track again
37) Depositional Environments - 37) Depositional Environments by CVshorey 66,230 views 8 years ago 14 minutes, 47 seconds - From glacial highs, to abyssal lows, this episode explores the many sedimentary environments and their rock forms.
Introduction
Alluvial deposits
Flood deposits
Delta deposits
Limestone deposits
Turbidity Currents - Turbidity Currents by Teijen1 126,259 views 9 years ago 2 minutes, 21 seconds - This is a video demonstration of Turbidity Currents filmed at Western Washington University.
Sequence Stratigraphy - Sequence Stratigraphy by Inside the Ram Skull 52,677 views 3 years ago 13 minutes - This educational (non-profit) video was produced by Professor Drew Muscente for the Sedimentology & Stratigraphy course (GEO ...
Introduction
Sediment supply and accommodation space
Sequences
Conclusion
Identifying Transgressions and Regressions in Rock Sequences - Identifying Transgressions and Regressions in Rock Sequences by Earth Explained 67,863 views 7 years ago 6 minutes, 59 seconds - In this tutorial, Jennifer talks about Walther's law and how marine transgressions and regressions can be identified in a vertical ...
Delta Depositional Environments & Stratigraphy | GEO GIRL - Delta Depositional Environments & Stratigraphy | GEO GIRL by GEO GIRL 11,742 views 3 years ago 16 minutes - Delta depositional environments: types, geometry, facies distribution, morphology, and stratigraphy of deltaic systems. Specifically ...
What are deltas?
Types of deltas /delta geometries
Facies distribution in deltaic systems
Inflow density (hyperpycnal, hypopycnal, & homopycnal)
Wave vs tide dominated deltas
Delta position relative to shelf basin effect on facies distribution
Sediment type/grain size distribution
Slope steepness effect on facies distribution
Wave reworking of deltaic sediment
Delta migration /lobe abandonment
Delta body parts labeled
Delta stratigraphy
Fluvial delta vs. wave delta stratigraphy
Recap of related depositional environments
Lacustrine (Lake) Depositional Environments & Stratigraphy | GEO GIRL - Lacustrine (Lake) Depositional Environments & Stratigraphy | GEO GIRL by GEO GIRL 8,331 views 3 years ago 23 minutes - Lake depositional environments are those in which sediment is deposited along the margins and on the **basin**, floor of lakes. In this ...
Major types of lakes
Controls on lake sedimentation
Open vs. closed lakes
Lake mixing (or lack there of)
Oxygen depletion in stratified lakes
Lake salinity and mineral precipitation
Trophic levels in lakes
Lacustrine depositional facies
Shoreline deposition & stratigraphy
Lake deltas & fans (deposition & stratigraphy)
Open lake deposition, stratigraphy, & fossils
Saline/playa lakes, mudflats, & pans
Stratigraphy of over-filled lakes
Stratigraphy of balance-fill lakes

11 - Submarine fan processes - 11 - Submarine fan processes by Matthew E. Clapham 20,377 views 8 years ago 16 minutes - Turbidity current rheology and sediment transport, Stokes' law, **turbidites**, and the Bouma sequence, fluidized flows, dewatering ...
Submarine Fan Depositional Processes
Deep-Sea Flows
When slope decreases below critical value for supercritical flow (slope 20.5'). turbidity current undergoes hydraulic jump
Deposition from turbidity currents occurs during waning flow and dissipation of the current
Particles sink through fluid at constant terminal velocity, but what is that velocity?
Fluid drae has a viscous component and an inertial component, but for simplicity we will just consider viscosity
In 1962, Arnold Bouma created a generalized model for a turbidite bed, now called the Bouma sequence, based on the Annot Sandstone in SE France
Fluidized flows contain dewatering structures from escaping pare fluids
Ball-and-pillow structures
Flame structures: injection of liquefied lower bed into rapidly-deposited averlying unit, often pointing downcurrent
Structural Geology - Lesson 1 - Part 1 of 4 - Structural Geology - Lesson 1 - Part 1 of 4 by ThePinkGeologist 162,986 views 13 years ago 13 minutes, 1 second - This is part one of lesson one - an introduction to **structural geology**,; terminology, basic primary and secondary **structures**, of ...
Introduction
Terminology
Crossbedding
Grading
Surface markings
VolpiWheelerMS141 - VolpiWheelerMS141 by MLMLGeoOce 1,008 views 10 years ago 11 minutes, 32 seconds - A turbidity current is a type gravity current that occurs in the ocean along the **continental**, shelf and walls of the submarine canyon.
Turbidites - An Introduction (sed strat) - Turbidites - An Introduction (sed strat) by sumnerd 464 views 3 years ago 7 minutes, 18 seconds - Turbidites, are sandstone beds deposited from turbidity currents that flow along the water-sediment interface. In this video, I ...
Submarine channel-lobe transition zones in an ancient passive-margin turbidite system - Submarine channel-lobe transition zones in an ancient passive-margin turbidite system by Seds Online 699 views 2 years ago 54 minutes - Deep-water **turbidite**, systems have been the focus of much **research**, during several decades, particularly much work has been ...
Linking submarine channel and lobe systems
Regional Paleogeographic Setting
Motivation and Goals
Facies Distribution
Stratal Architecture
Final Remarks
Acknowledgement
Marine Carbonate Factories: Sedimentation Patterns and Sequence Stratigraphy - Marine Carbonate Factories: Sedimentation Patterns and Sequence Stratigraphy by Seds Online 2,383 views 2 years ago 1 hour, 6 minutes - "The carbonate factories model, as defined at the beginning of this century, provides a subdivision of marine carbonate sediment ...
Dr John Reimer
Cool Water Corals
Pelagic Factory
Carbonate Factories
Production Rates
Mud Mount
Precipitation Modes
Occurrences of Microbial Factories
Mineralogy
Cool Water Carbonates
Typical Behavior of Cool Water Carbonates
The Holy Cross Formation

Numerical Modeling
Stratigraphic Forward Modeling
Paleoclimate Distance and Means of Sediment Transport
The Take-Home Message
What Controls the Different Mineralogy in the Different Factories
Is dilemmatization Possible in every Carbonate Factory
Have You Mapped the Abundance Distribution or Relative Dominance of the Five Types over Time
12 - Submarine fan systems - 12 - Submarine fan systems by Matthew E. Clapham 18,485 views 8 years ago 13 minutes, 2 seconds - Autocyclic vs. allocyclic fan processes; effects of sediment supply and source region on fan geometry; contourite deposits.
Intro
depositional trends
upward succession
sediment
typical fans
debris flows
mudrich fans
sediment sources
contour currents
Deep-Water Turbidites and Density Plumes - 1 - Deep-Water Turbidites and Density Plumes - 1 by WorldGeology TV 139 views 5 years ago 33 minutes - G. Shanmugam, Ph.D. A lecture given at the Dallas **Geological Society**, International Dinner Event Brookhaven Country Club, ...
4 1 deepwater deposits - 4 1 deepwater deposits by Gary Hampson 1,191 views 2 years ago 44 minutes - Okay this picture here is showing in some ways more typical uh classical **turbidites**, low density **turbidites**, um there's two thin beds ...
Turbidite Facies - The Bouma Sequence (sed strat) - Turbidite Facies - The Bouma Sequence (sed strat) by sumnerd 1,764 views 3 years ago 4 minutes, 52 seconds - Turbidity current leave very distinctive deposits. Thus, **turbidites**, are an excellent bed type for applying the concept of facies.
Search filters
Keyboard shortcuts
Playback
General
Subtitles and closed captions
Spherical videos

california-continental-borderland-structure
quaternary-turbidite-basins-california
reflection-profiling-continental-borderland
California Continental Borderland, Quaternary Turbidite Basins, Reflection Profiling, Geological Society of America, Marine Geology
This study focuses on the California Continental Borderland, utilizing reflection profiling techniques to analyze its complex structure and Quaternary turbidite basins. This research, published as a Geological Society of America Special Paper, provides detailed insights into the region's geological evolution and the formation of its unique underwater landscape, particularly concerning the depositional patterns within these turbidite basins.

Basins Of The Rio Grande Rift Structure Stratigraphy And Tectonic Setting Special Paper Geological Society Of America

Origin and Tectonic Significance of the Basin and Range - Rio Grande Rift Boundary in S New Mexico - Origin and Tectonic Significance of the Basin and Range - Rio Grande Rift Boundary in S New Mexico by Arizona Geological Survey - University of Arizona 164 views 10 days ago 58 minutes - Jason Ricketts, Ph.D. (Asst. Professor, University of Texas El Paso) presenting to the Arizona **Geological Society**, on Tuesday 5 ...
how does continental rifting occur,Basics of plate tectonics and Geology - how does continental rifting occur,Basics of plate tectonics and Geology by MUF Education amd relaxinghub 102,208 views 6 years ago 54 seconds
Growth and inversion of a rift basin - Growth and inversion of a rift basin by TheGeoModels 72,671 views 10 years ago 4 minutes, 6 seconds - Uplift due to shortening and thickening of the **basin**, section results in erosion, first exposing the upper post-**rift**, strata ...
Stratigraphic Cross Section—Interpreting the Geology (Educational) - Stratigraphic Cross Sec-

tion—Interpreting the Geology (Educational) by IRIS Earthquake Science 117,287 views 12 years ago 2 minutes, 57 seconds - This animation shows a hypothetical cross section of the Earth, then takes you back to the beginning to walk you through the steps ...
Stratigraphic Cross Section Can you interpret the geologic history?
Regional compressional tectonics deform the bedrock
Windblown sand & sediment blanket the region over millions of years with deposition & erosion
Extensional tectonics begin to stretch the crust causing faulting & intrusion of magma
Local broad lake deposits new sedimentary sequences
Renewed extension causes faulting
Tectonic extension facilitates the rapid rise of magma which erupts explosively in contact with the lake
This geologic sequence might take hundreds of millions of years. Strata accumulation was highly exaggerated & timescales varied. Earthquakes occur during tectonic folding & faulting, & during volcanic intrusion & eruption
9 - Basin Analysis - 9 - Basin Analysis by Matthew E. Clapham 43,594 views 8 years ago 14 minutes, 15 seconds - Qualitative introduction to **basin**, analysis; subsidence due to isostasy and flexure; **basin**, types in different **tectonic settings**,.
Intro
In the long run, eustatic changes in base level are cyclical
Subsidence is required for formation of a sedimentary basin and long-term sediment accumulation
Physical mechanisms of subsidence
Basins due to extension
Basins due to convergence
Strike-slip basins often have extremely rapid lateral facies variations
Stratigraphy and Sedimentary Structures | GEO GIRL - Stratigraphy and Sedimentary Structures | GEO GIRL by GEO GIRL 5,027 views 3 years ago 15 minutes - This video provides information about **stratigraphy**,, specifically, lithostratigraphy and biostratigraphy as well as common types of ...
Intro
Trace fossils
Lithostratigraphy
Transgression and Regression
Sedimentary Structures
Pictures
Rio Grande River Geology - Rio Grande River Geology by Adobe Whitewater Club 3,915 views 2 years ago 48 minutes - Birth and evolution of the **Rio Grande river**, system: 8 million years of downward integration by Marisa Repasch, Ph.D.
Primary Research Questions
River Profile Analysis
Sediment provenance study
Application of Multiple Geochronometers
Ancestral Rio Grande Sediment Provenance
Incipient Rio Grande at Black Mesa
Shifting of Rio Grande-Rio Chama Confluence
Spillover of Lake Alamosa at 430 ka
Possible tectonic controls on downward drainage integration
New conclusions for the birth and evolution of the Rio Grande
Rifting - reading the stratigraphic record - Rifting - reading the stratigraphic record by Rob Butler 2,612 views 2 years ago 6 minutes, 58 seconds - Defining the megasequences (pre-**rift**,, syn-**rift**, and post-**rift**,) of the strata associated with **rift**, faulting.
Rio Grand Rift - Rio Grand Rift by Carleton Geology of National Parks W24 29 views 2 weeks ago 3 minutes, 27 seconds - The continent is splitting! Or is it...? How can geologists identify a divergent plate boundary? Here's a video that focuses on the ...
1811-1812 New Madrid earthquake damage...see it with LiDAR | Geology Models - 1811-1812 New Madrid earthquake damage...see it with LiDAR | Geology Models by TheGeoModels 116,040 views 1 year ago 7 minutes, 36 seconds - The huge New Madrid earthquakes of 1811-1812 created Reelfoot Lake and temporarily backed up the Mississippi **River**,, but they ...
Introduction
Scarps
New Madrid

The Rio Grande River - The Rio Grande River by Tom Kennedy's Science 17,464 views 2 years ago 6 minutes, 13 seconds - The **Rio Grande**, is North **America's**, third longest **river**,. See its headwaters in Colorado and threat of drought in New Mexico. This is ...
1872 Lone Pine Earthquake - Fault Scarp & California Geology | Out in the Field with Jeremy Patrich - 1872 Lone Pine Earthquake - Fault Scarp & California Geology | Out in the Field with Jeremy Patrich by Prof. Jeremy Patrich 6,075 views 3 years ago 4 minutes, 39 seconds - Join me on an adventure, 'Out in the Field' as I adventure out to explore the epicenter of one of the largest earthquakes in ...
Fold/thrust belt: Internal structure, scale, and erosion - Fold/thrust belt: Internal structure, scale, and erosion by TheGeoModels 56,562 views 9 years ago 3 minutes, 3 seconds - Appalachian Valley and Ridge example: 37.299N, 80.637W Sub-Andes example: 22.734S, 64.353W Copy and paste coordinates ...
Sky Island - New Mexico's Jemez Mountains - Sky Island - New Mexico's Jemez Mountains by TheBullFromTheSea 180,387 views 11 years ago 26 minutes - In Northern New Mexico a range of mountains rises up from the high desert: a wild, rugged land of the Faraway Nearby.
SKY ISLAND
Featuring
WRITER - PRODUCER - DIRECTOR John Grabowska
CINEMATOGRAPHY Steve Ruth John Britt Dyanna Taylor
MUSIC Todd Boekelheide
EDITOR Matthew Witkowski
ADDITIONAL CINEMATOGRAPHY Scott Ransom Michael Male
PILOT Greg Harral
240 million years ago to 250 million years in the future - 240 million years ago to 250 million years in the future by Christopher Scotese 7,906,963 views 8 years ago 12 minutes, 25 seconds - This animation shows the plate **tectonic**, evolution of the Earth from the time of Pangea, 240 million years ago, to the formation of ...
Jurassic
Permian
Cretaceous
K/T boundary
Future
Geologic Cross Section! How to draw or construct a geologic cross-section! - Geologic Cross Section! How to draw or construct a geologic cross-section! by Geo Know 75,407 views 4 years ago 19 minutes - In this video I teach you the process of creating/drawing/constructing (whatever you want to call it) a **geologic**, cross-section.
Intro
Drawing the crosssection
Constructing the crosssection
Drawing the fault
Drawing the rock units
The Next Volcano in New Mexico; Socorro Magma Body - The Next Volcano in New Mexico; Socorro Magma Body by GeologyHub 131,493 views 2 years ago 4 minutes, 25 seconds - Underneath a section of New Mexico is one of the largest magma chambers on the planet. Containing more than 84 cubic miles or ...
Introduction
Magma Chamber
Rio Grande Rift
The Next Volcano
Volcano Classification
Earthquakes
Normal faulting in rift or basin-and-range style settings - Normal faulting in rift or basin-and-range style settings by TheGeoModels 12,489 views 6 years ago 4 minutes, 16 seconds - More **geology**, content here: https://wordpress.com/view/geomodelsvt.wordpress.com.
Mapwork Vertical Exaggeration - Mapwork Vertical Exaggeration by Fish 131,320 views 5 years ago 6 minutes, 15 seconds - Geography mapwork / mapping: How to understand and calculate a vertical exaggeration when looking at topography.
What Is Vertical Exaggeration and Why
Vertical Exaggeration
The Ultimate Guide to Sedimentary Structures- Sed Strat #6 | GEO GIRL - The Ultimate Guide to

Sedimentary Structures- Sed Strat #6 | GEO GIRL by GEO GIRL 14,970 views 2 years ago 29 minutes - Learn about sedimentary **structures**,, such as laminations, cross bedding (planar vs trough cross bedding, herringbone cross ...
beds vs. strata vs. laminations
bedding geometry & lateral continuity
planar lamination depositional environments
seasonal laminations (varves)
tidal rhythmite laminations
lamination preservation requires low O2
planar vs. trough cross bedding
hummocky & swaley cross bedding
herringbone cross bedding
dunes vs. ripples
symmetrical vs. asymmetrical ripples
climbing ripples
flaser vs. wavy vs. lenticular bedding
graded bedding & turbidites
growth bedding
mud cracks
related videos & references
WMRG Glaciation of the North Sea Basin - WMRG Glaciation of the North Sea Basin by The Geological Society 780 views 2 years ago 46 minutes - The **location**, uh click again yeah is the north sea **basin**, we we could equally have studied offshore greenland which we do or ...
Geologic History of the Jemez Volcanic Field - Geologic History of the Jemez Volcanic Field by New Mexico EPSCoR 60,929 views 10 years ago 4 minutes, 45 seconds
The Heinous Liniment and the Rio Grande Rift
Toledo Caldera
Vias Caldera Eruption
Mount St Helens Eruption
How Do I Construct a Topographic Profile and Geologic Cross-Section from a Geologic Map? - How Do I Construct a Topographic Profile and Geologic Cross-Section from a Geologic Map? by Ruppert Rocks Geology 27,411 views 1 year ago 12 minutes, 46 seconds - Instructional video taking a **geologic**, map with contours and constructing a topographic profile with a **geologic**, cross-section.
Introduction
Geologic Map
Topographic Profile
Geologic CrossSection
Basics of Stratigraphy - Basics of Stratigraphy by Kiersti Ford 80 views 7 days ago 17 minutes - This video is a small introduction to **stratigraphy**,. It does not include principles of **stratigraphy**, as that was covered in the ...
Basin inversion with varied mechanical stratigraphy: Shale and limestone/sandstone - Basin inversion with varied mechanical stratigraphy: Shale and limestone/sandstone by TheGeoModels 27,159 views 7 years ago 5 minutes, 32 seconds - This video presents a **basin**, inversion model Google earth constructed with mechanically-variable **stratigraphy**,. Weak glass ...
1 2 sequence stratigraphy overview - 1 2 sequence stratigraphy overview by Gary Hampson 8,422 views 2 years ago 39 minutes - Hello so this this first short lecture basically just presents an introduction to sequence **stratigraphy**, um and there's some ...
Sternbach, Super Basin Thinking, Oman Geological Society October 7, 2020 - Sternbach, Super Basin Thinking, Oman Geological Society October 7, 2020 by Charles Sternbach 70 views 3 years ago 1 hour, 12 minutes - Super **Basin**, Thinking, an overview of methodologies to find and produce more oil and natural gas from the world's greatest ...
Why Study Super Basins?
The Exploration Process
Super Basin Thinking Tools
Rejuvenation of mature bas
Branches of Technology and Big
Integrating Geoscience with...
Global Source Rock
Carrier Beds, Shale Play

Source to Sink
Clinoforms
Super Basins, Giant Fields, ecosy
Stratigraphic Traps
Energy, Environment, Econ
Global Social License
Resource Workflows
Strategy
Geologic setting of Vienna Basin hydrogeothermal projects | Geology Models - Geologic setting of Vienna Basin hydrogeothermal projects | Geology Models by TheGeoModels 1,148 views 1 year ago 4 minutes, 32 seconds
Compressional phase (thrust structures form)
Compressional phase: thrust faulting
Black lines mark thrust faults
Without considering the compressional history...
interpreting structures beneath pre-dating the extensional basin would be difficult
Search filters
Keyboard shortcuts
Playback
General
Subtitles and closed captions
Spherical videos