

Optical Mineralogy Kerr

Dispersed grains bbcb6582a1 refractive index (R.I.) bbcb6582a1 Keyboard shortcuts bbcb6582a1 plane \u0026 cross polarized light bbcb6582a1 Properties in PPL - Refractive Index, Relief, and the Becke Line Test bbcb6582a1 Quartz tutorial optical mineralogy - Quartz tutorial optical mineralogy 4 minutes, 54 seconds - Several videos of quartz in thin section, showing typical textures and **optical**, characteristics. Supported by Boise State University ... bbcb6582a1 Clinopyroxene tutorial Optical mineralogy - Clinopyroxene tutorial Optical mineralogy 4 minutes, 35 seconds - Several videos of clinopyroxenes in thin section, showing typical textures and **optical**, characteristics. Supported by Boise State ... bbcb6582a1 Optical Mineralogy Pt.1- Plane \u0026 Cross Polarized Light, Birefringence, Pleochroism, etc. | GEO GIRL - Optical Mineralogy Pt.1- Plane \u0026 Cross Polarized Light, Birefringence, Pleochroism, etc. | GEO GIRL 27 minutes - Light slows down when traveling through thin sections, this is

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called retardation. The incident ray of light goes through one ... b6c6582a1 isotropic vs. anisotropic minerals b6c6582a1 Garden-variety amphibolite b6c6582a1 Introduction to Optical Mineralogy - Introduction to Optical Mineralogy 8 minutes, 54 seconds - Introduces the strategies of mineral identification via **optical mineralogy**, (by Dexter Perkins) b6c6582a1 Thin Sections b6c6582a1 Rocks and Outcrop b6c6582a1 Optical Mineralogy 2023 Lecture 1 - Optical Mineralogy 2023 Lecture 1 1 hour, 35 minutes - Optical Mineralogy, 2023 Lecture 1. b6c6582a1 Optical Mineralogy 10 OF 11 Optic Orientation - Optical Mineralogy 10 OF 11 Optic Orientation 46 minutes b6c6582a1 Granulite-facies, end section b6c6582a1 Playback b6c6582a1 Pale blue-green pleochroic b6c6582a1 High-temperature pyroxene with oxide exsolution b6c6582a1 light traveling through minerals b6c6582a1 Properties in PPL - Opacity b6c6582a1 Too thick (a little) b6c6582a1 Different orientations showing different interference colors b6c6582a1 extinction angles b6c6582a1 Optical properties of minerals - Optical Mineralogy - Optical properties of minerals - Optical Mineralogy 9 minutes, 32 seconds - Optical properties of minerals - **Optical Mineralogy**, - Part 1: Basics of transmitted light microscopy and observations in Plane ... b6c6582a1 Thin Sections and

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grain mounts bbcb6582a1 Properties in PPL - Grain/Crystal Shape bbcb6582a1 accessory plates bbcb6582a1 Unusual orientation bbcb6582a1 petrographic microscope bbcb6582a1 birefringence \u0026 interference colors bbcb6582a1 Interference figure bbcb6582a1 upcoming videos! bbcb6582a1 Slightly perthitic bbcb6582a1 Breaking into smaller subgrains bbcb6582a1 Strongly perthitic, clay alteration bbcb6582a1 Properties in plane-polarized light and properties in cross-polarized light bbcb6582a1 What is Optical Mineralogy bbcb6582a1 mineral identification chart bbcb6582a1 Higher relief than adjacent actinolite (and quartz) bbcb6582a1 Sanidine bbcb6582a1 General bbcb6582a1 Mylonitic bbcb6582a1 Plutonic, zoned (pale green to brown pleochroic) bbcb6582a1 Typical microcline with tartan twinning bbcb6582a1 K-feldspar tutorial Optical mineralogy - K-feldspar tutorial Optical mineralogy 3 minutes, 2 seconds - Several videos of K-feldspar in thin section, showing typical textures and **optical**, characteristics. Supported by Boise State ... bbcb6582a1 How Polarizers Work bbcb6582a1 Typical metamorphic (green to blue-green pleochroic) bbcb6582a1 End section showing two cleavages bbcb6582a1 Just beginning to break into subgrains (undulose or undulatory extinction) bbcb6582a1 Hornblende tutorial Optical mineralogy - Hornblende tutorial

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Optical mineralogy 3 minutes, 35 seconds - Several videos of hornblende in thin section, showing typical textures and **optical**, characteristics. Supported by Boise State ... bbbcb6582a1 Elongate prism, slight pleochroism, inclined extinction bbbcb6582a1 extinction bbbcb6582a1 Beautiful perthite, clay alteration bbbcb6582a1 Different orientations showing slight pleochroism bbbcb6582a1 Isotropic vs Anisotropic minerals bbbcb6582a1 Properties in PPL - Pleochroism bbbcb6582a1 Lecture 15: Intro to Optical Mineralogy - Lecture 15: Intro to Optical Mineralogy 53 minutes - ... **optical**, mineralogy we're going to be talking specifically about uh visible light interacting with **minerals**, and the way we observe ... bbbcb6582a1 Serrated edges - mylonitic bbbcb6582a1 pleochroism bbbcb6582a1 Introduction bbbcb6582a1 Search filters bbbcb6582a1 Omphacite with exsolution bbbcb6582a1 Typical plutonic bbbcb6582a1 Omphacite (high-pressure sodic pyroxene) in an eclogite bbbcb6582a1 More tartan twinning bbbcb6582a1 What is optical mineralogy? What does optical mineralogy deal with? - What is optical mineralogy? What does optical mineralogy deal with? 5 minutes, 55 seconds - In this video, what is **optical mineralogy**,? What does **optical mineralogy**, deal with? Detailed information was given to students and ... bbbcb6582a1 Tools and Techniques bbbcb6582a1 thin section bbbcb6582a1

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Pressure shadow (typical) Mg-rich (pale pleochroic) Properties in PPL - Cleavage The Petrographic Microscope and transmitted light microscopy length fast vs. length slow minerals Subtitles and closed captions Spherical Videos orders of interference colors Higher relief than adjacent hornblende (and quartz) What does Optical Mineralogy deal with

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