Available raw data collected in the Simbruini-Ernici Ridge and discussed in the paper:

Shallow deformation in subduction zones: microstructural evidence for aseismic slip and low frequency tremor in molasse-type conglomerates from the Central Apennines accretionary wedge

by

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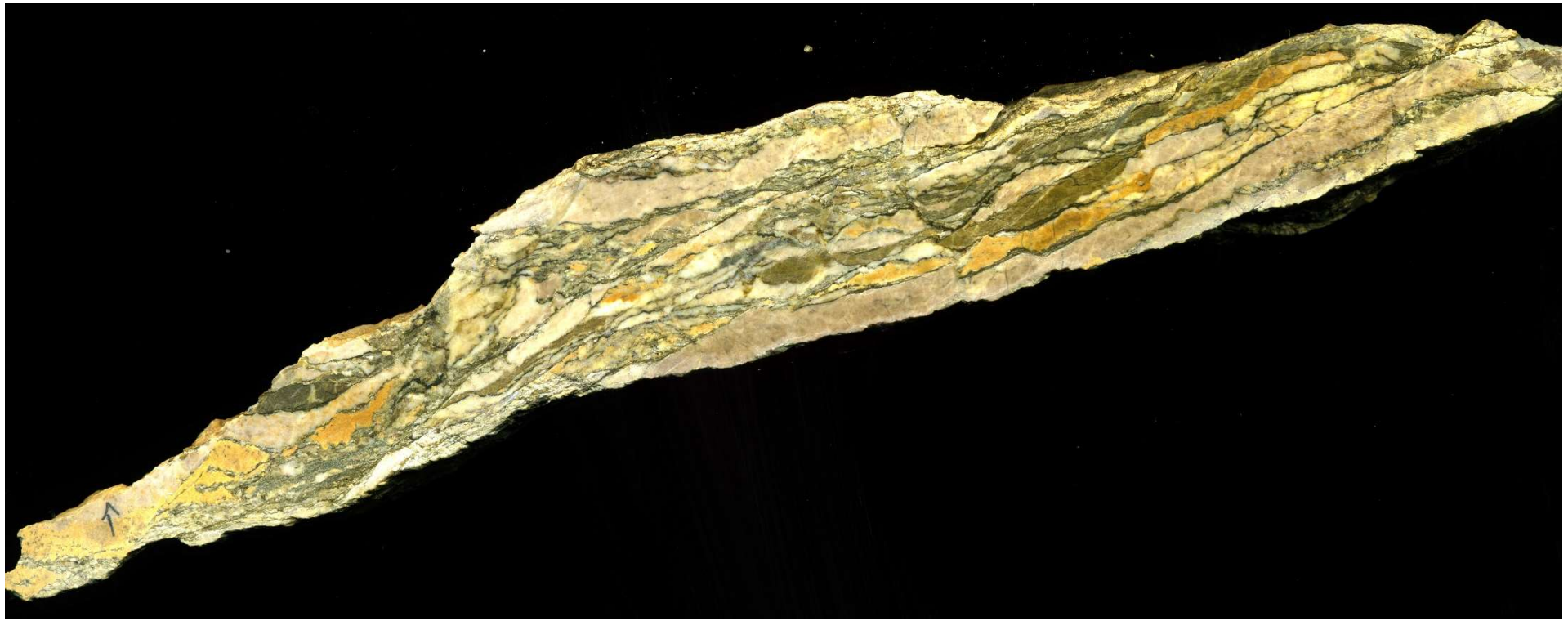
Rock samples						
ID	**Latitude (WGS84 33T)**	**Longitude (WGS84 33T)**	**Description**			
TZ 228	41,8169	13,4431	Deformed conglomerates below the thrust plane			
TZ 207	41,8171	13,4432	Deformed conglomerates below the thrust plane			
TP 1	41,8171	13,4431	Deformed conglomerates below the thrust plane			
TP 2	41,8169	13,4432	Deformed conglomerates below the thrust plane			
TP 3	41,8171	13,4432	Deformed conglomerates below the thrust plane			

Structural data						
Type	**Latitude (WGS84 33T)**	**Longitude (WGS84 33T)**	**Description**	**Dip Azimuth**	**Strike**	**Dip**
Bedding	41,8167	13,4428	bedding of the limestone at the hangingwall of the thrust	26°	116°	27°
Fold axis	41,8168	13,4429	axis of the hangingwall anticline		90°	6° E
Bedding	41,8168	13,4433	bedding of the conglomerates at the footwall of the thrust	330°	60°	33°
Thrust plane	41,8168	13,4432	attitude of the main thrust plane	226°	136°	21°
Cleavage	41,8167	13,4432	Cleavage at the footwall of the main thrust	219°	129°	41°

UNINTEPRETED POLISHED SLAB OF SAMPLE TP1

UNINTEPRETED POLISHED SLAB OF SAMPLE TP2



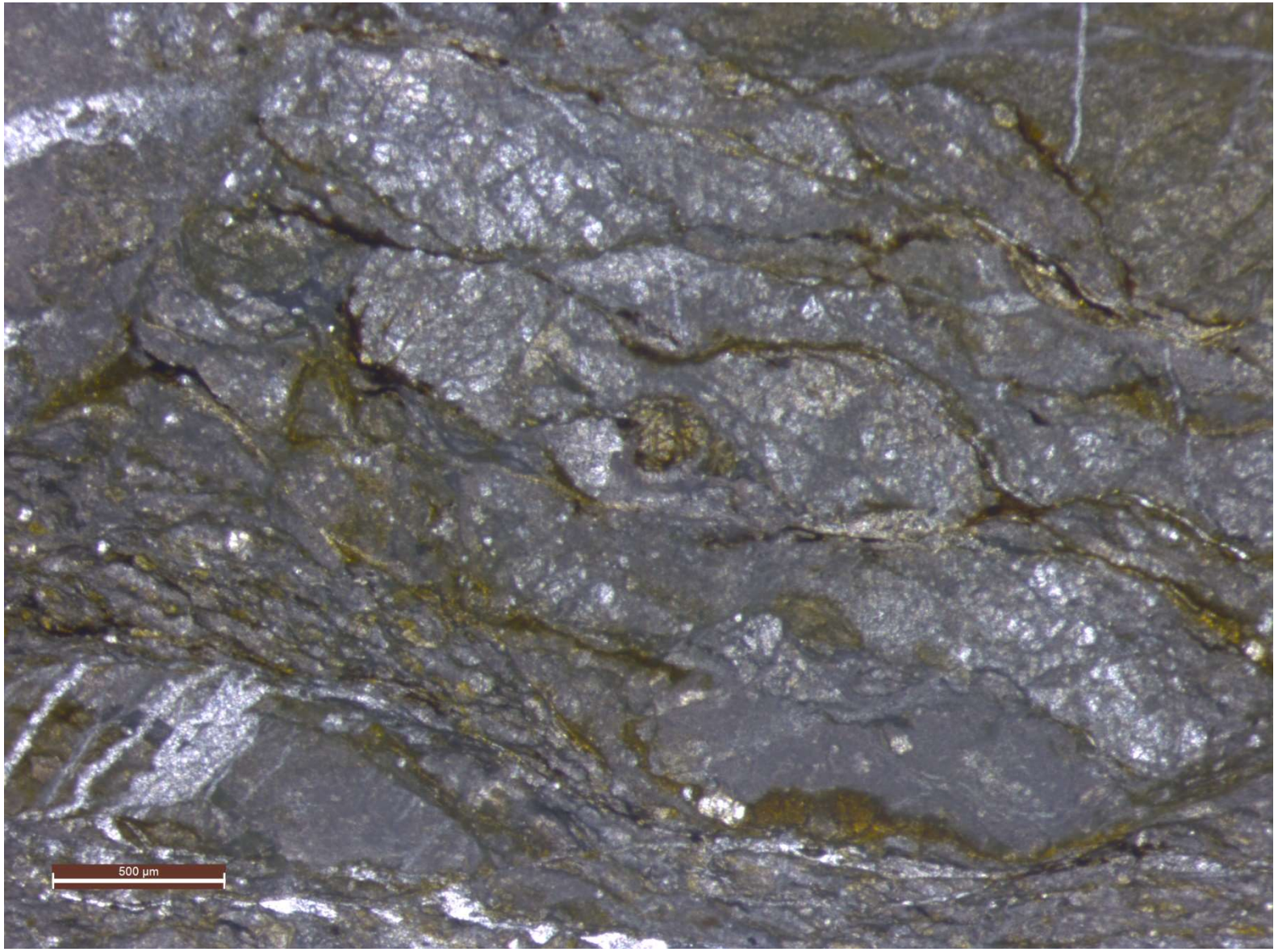
UNINTEPRETED POLISHED SLAB OF SAMPLE TP3

UNINTERPRETED FIELD VIEW OF THE VALLE DELL'ORSO THRUST.

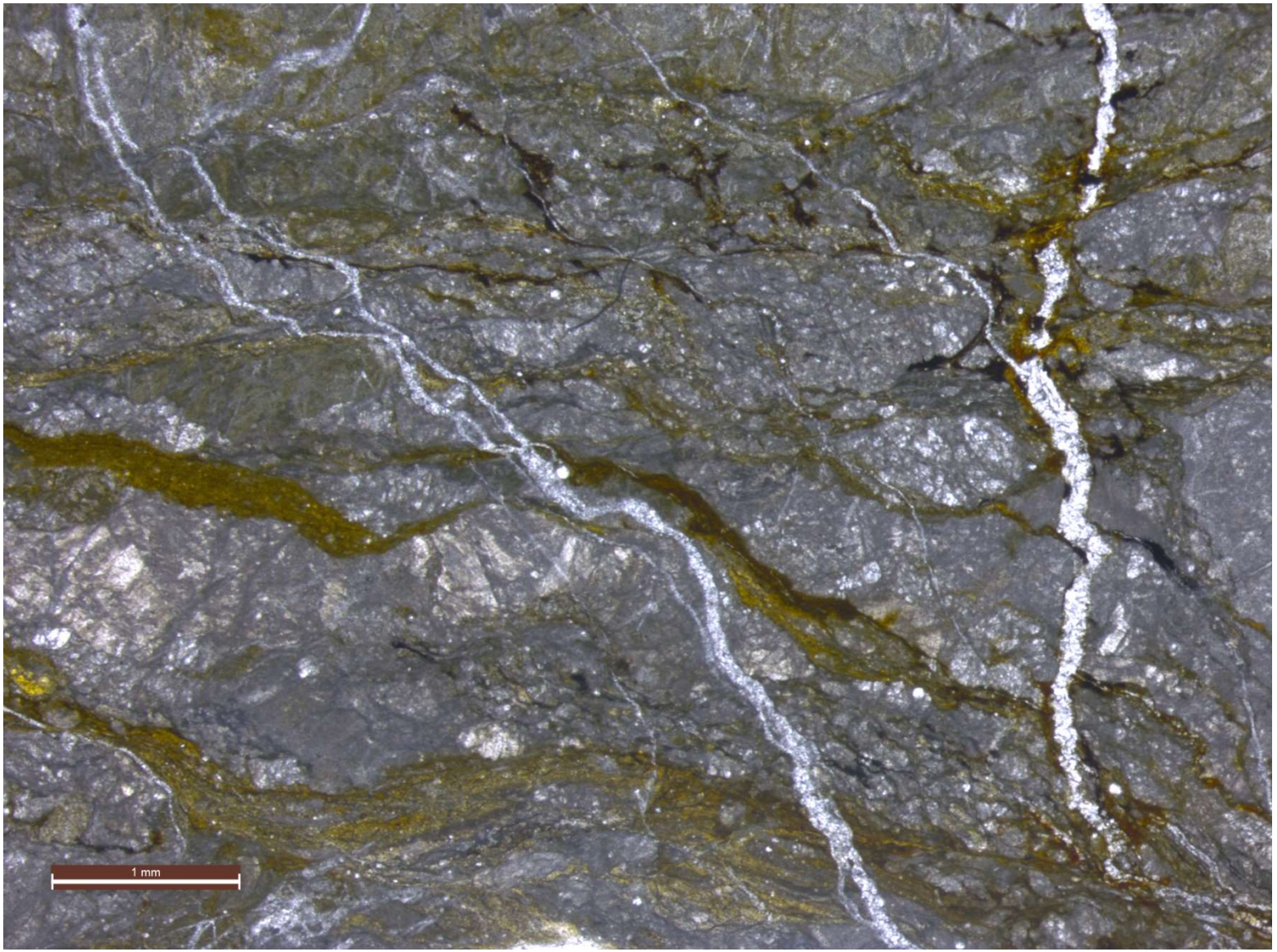
UNINTERPRETED FIELD VIEW OF THE VALLE DELL'ORSO THRUST

UNINTERPRETED FIELD VIEW OF THE VALLE DELL'ORSO THRUST

UNINTERPRETED FIELD VIEW OF THE VALLE DELL'ORSO THRUST



UNINTERPRETED MICROPHOTOGRAPH OF SAMPLE TP 1



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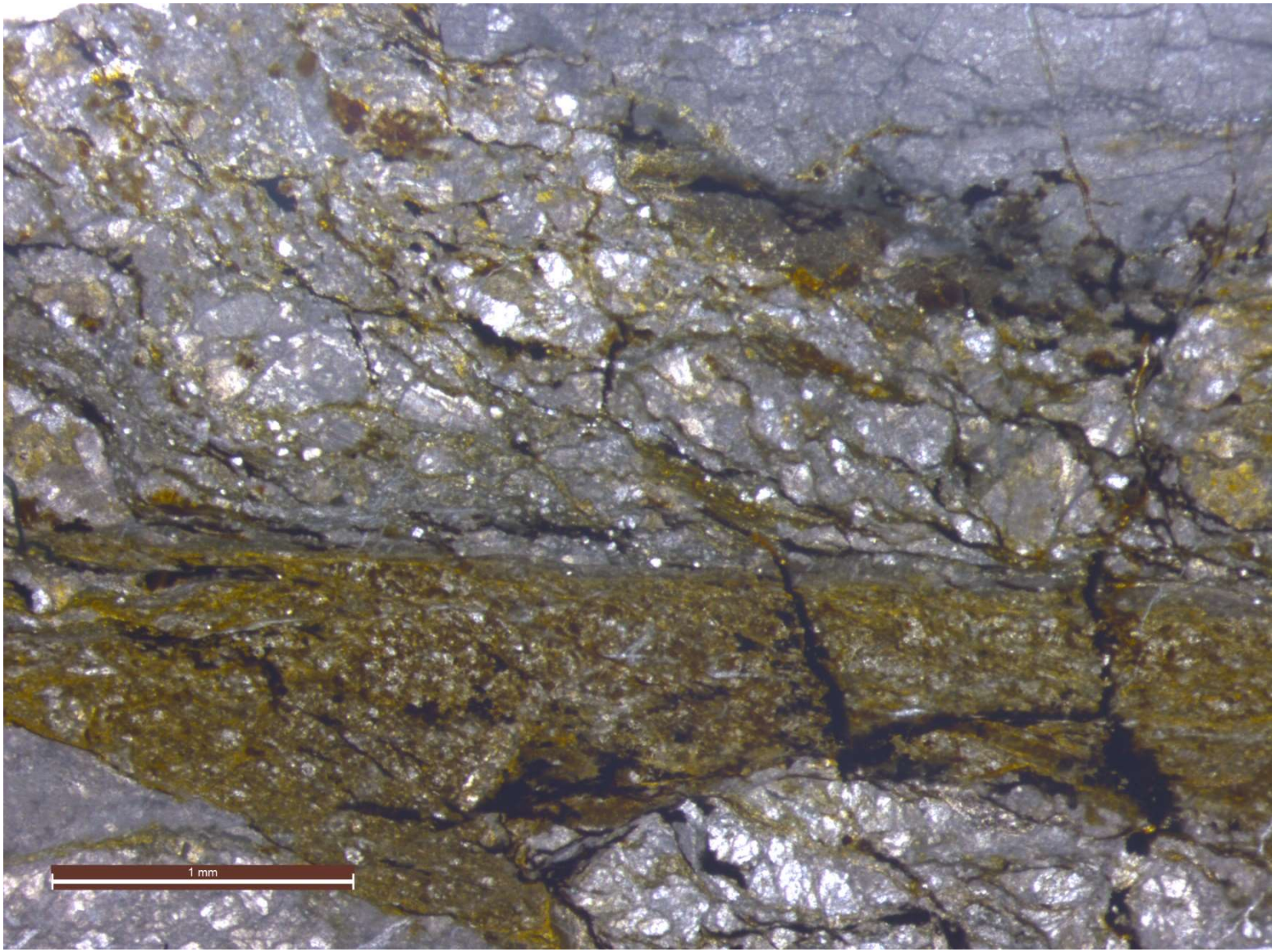

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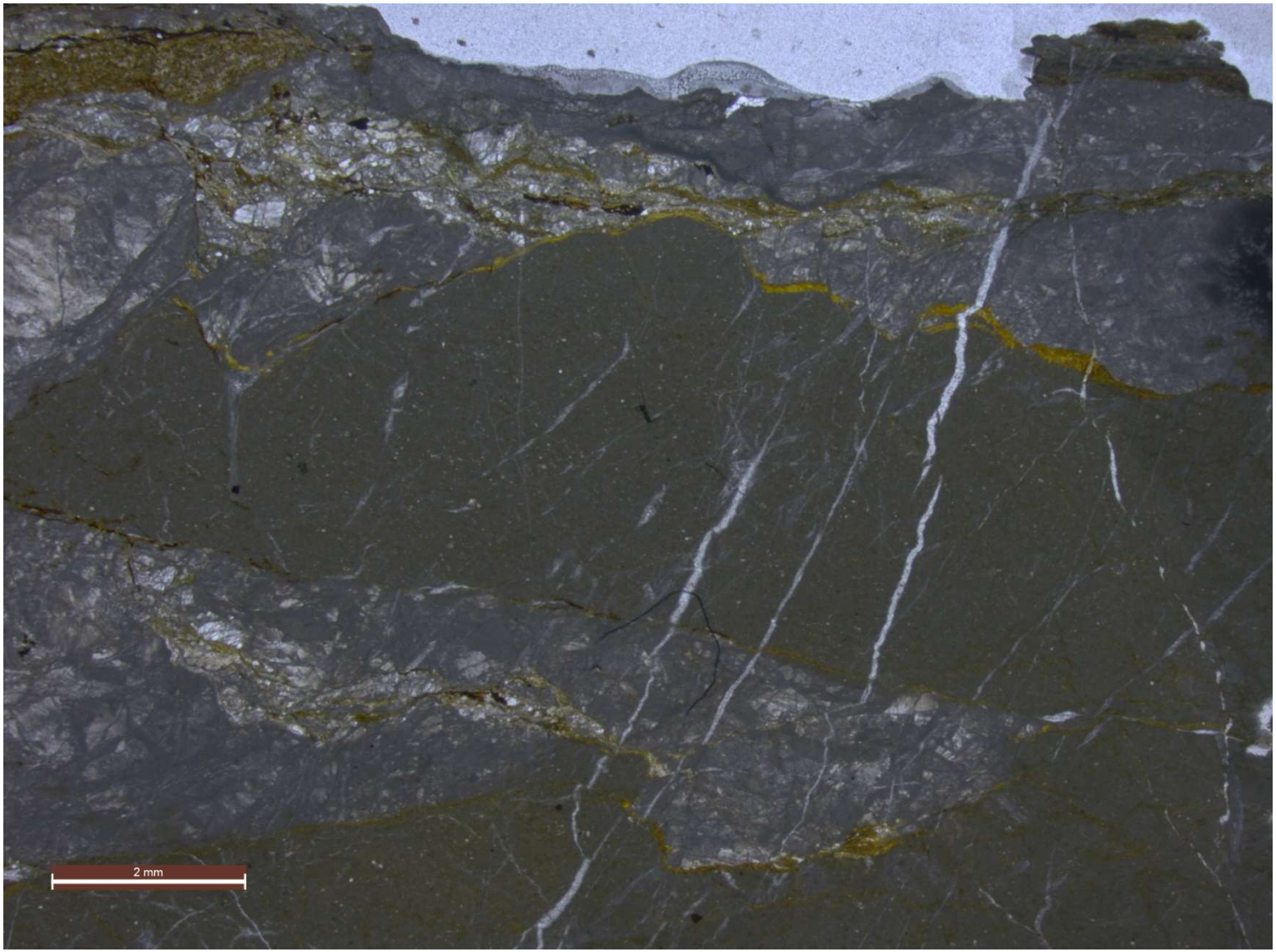

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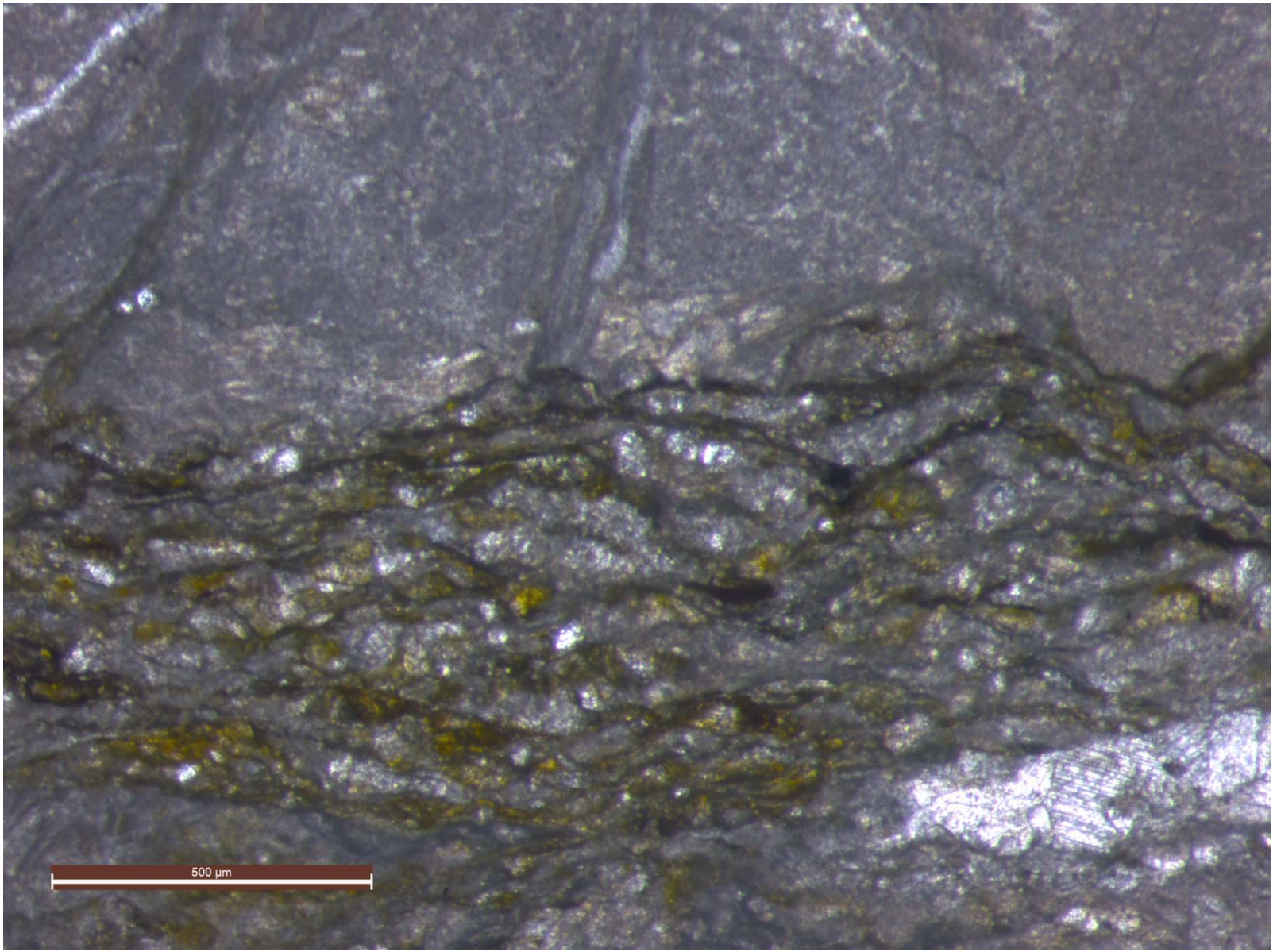

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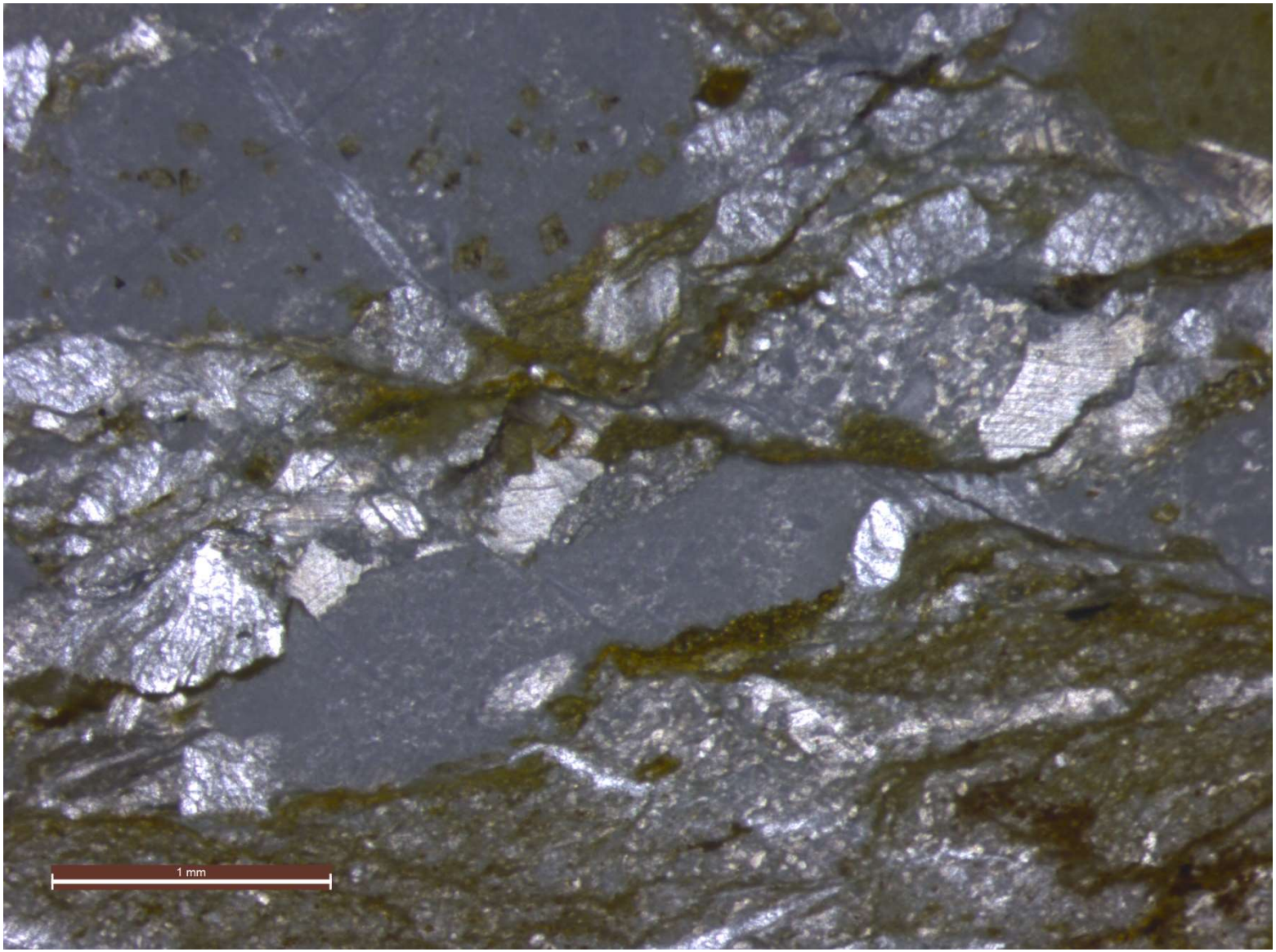

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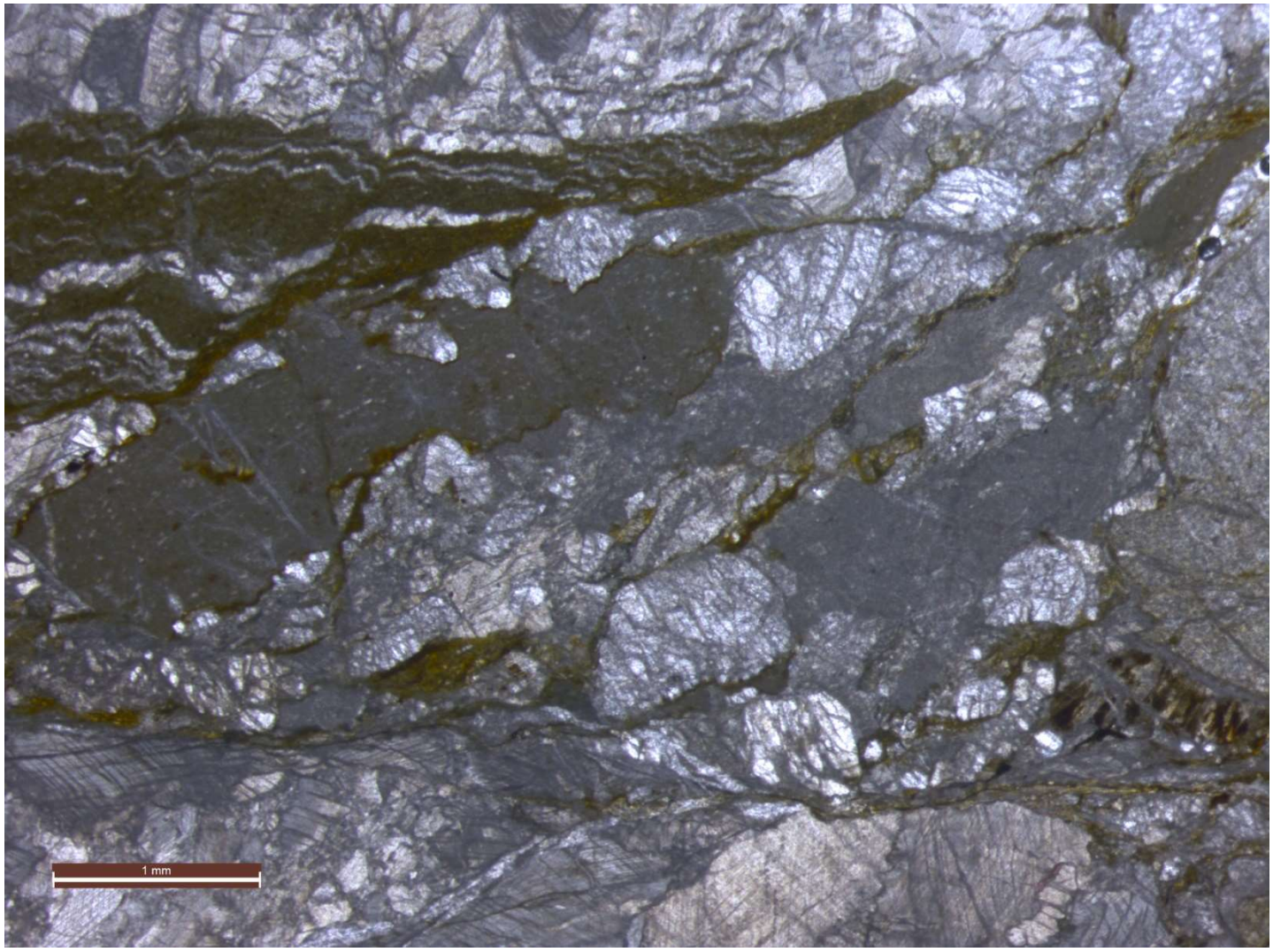

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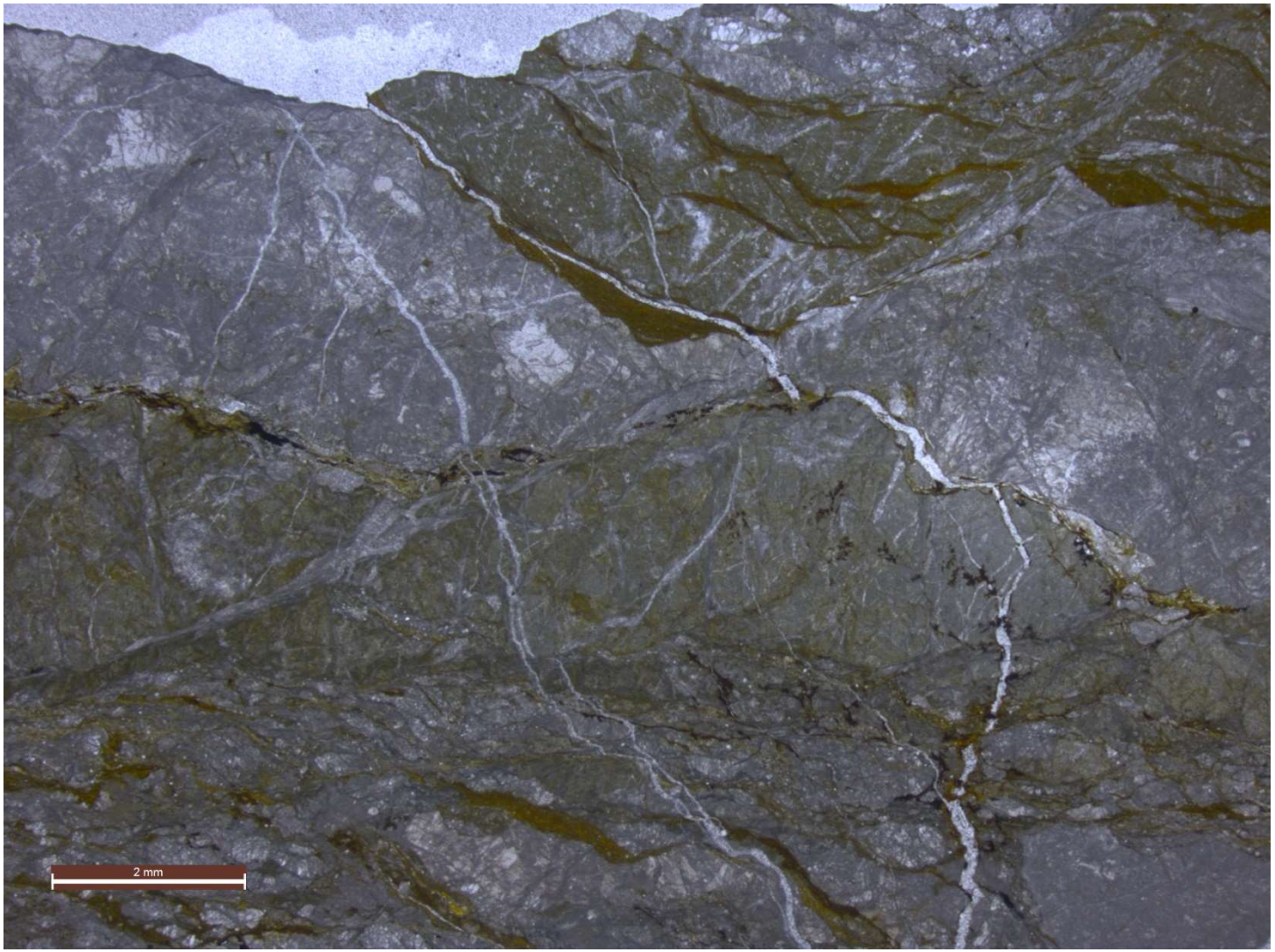

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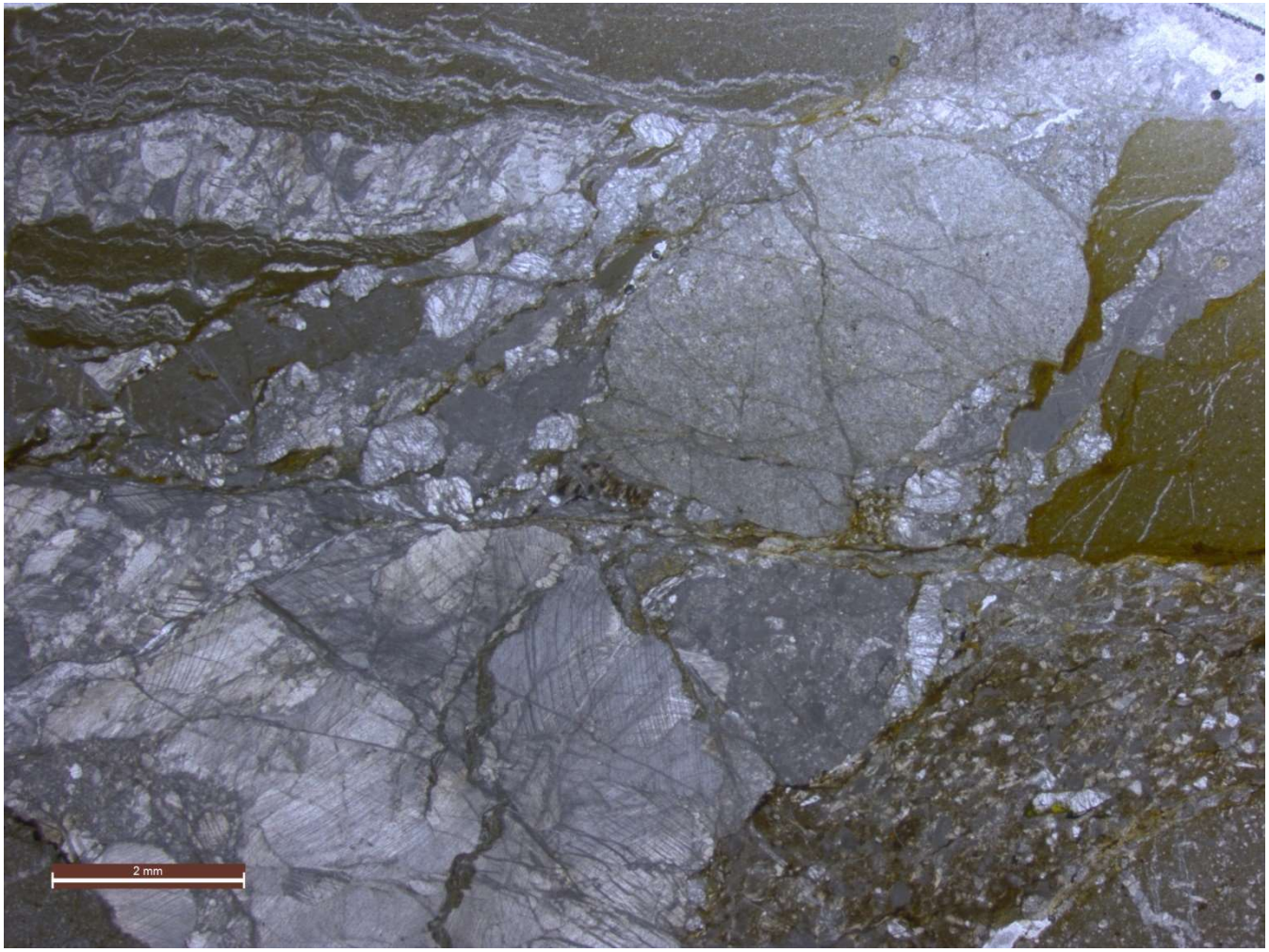

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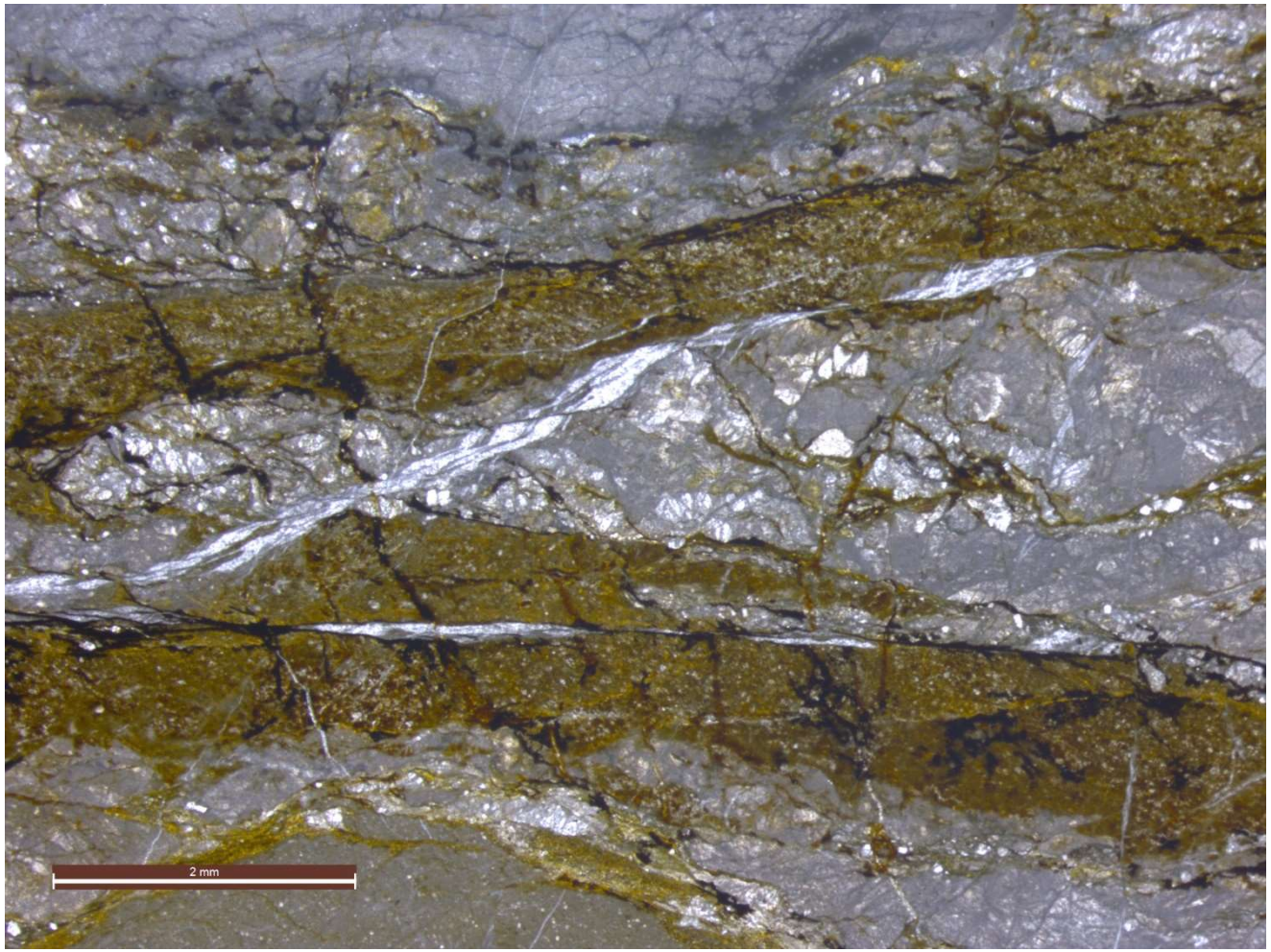

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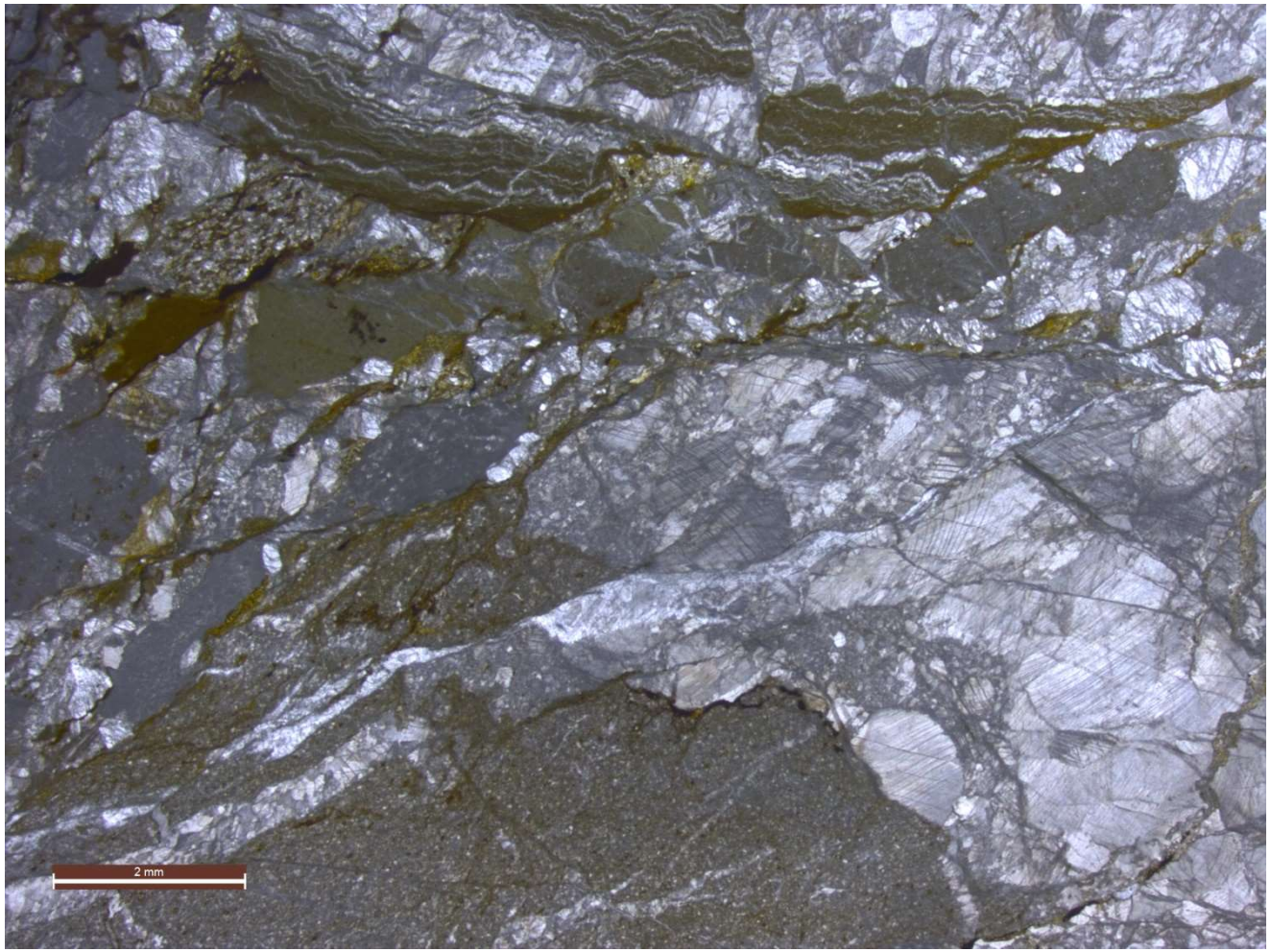

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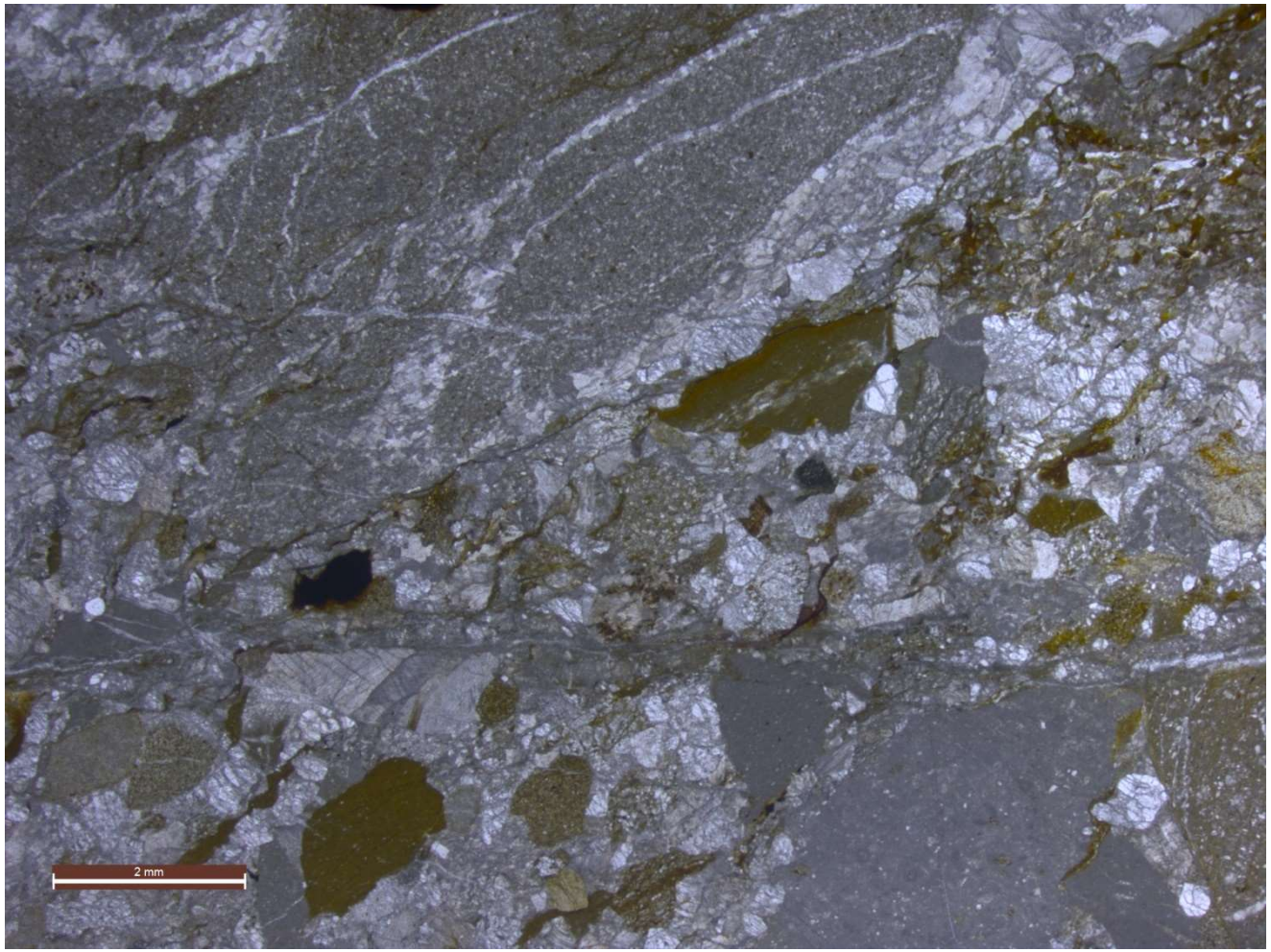

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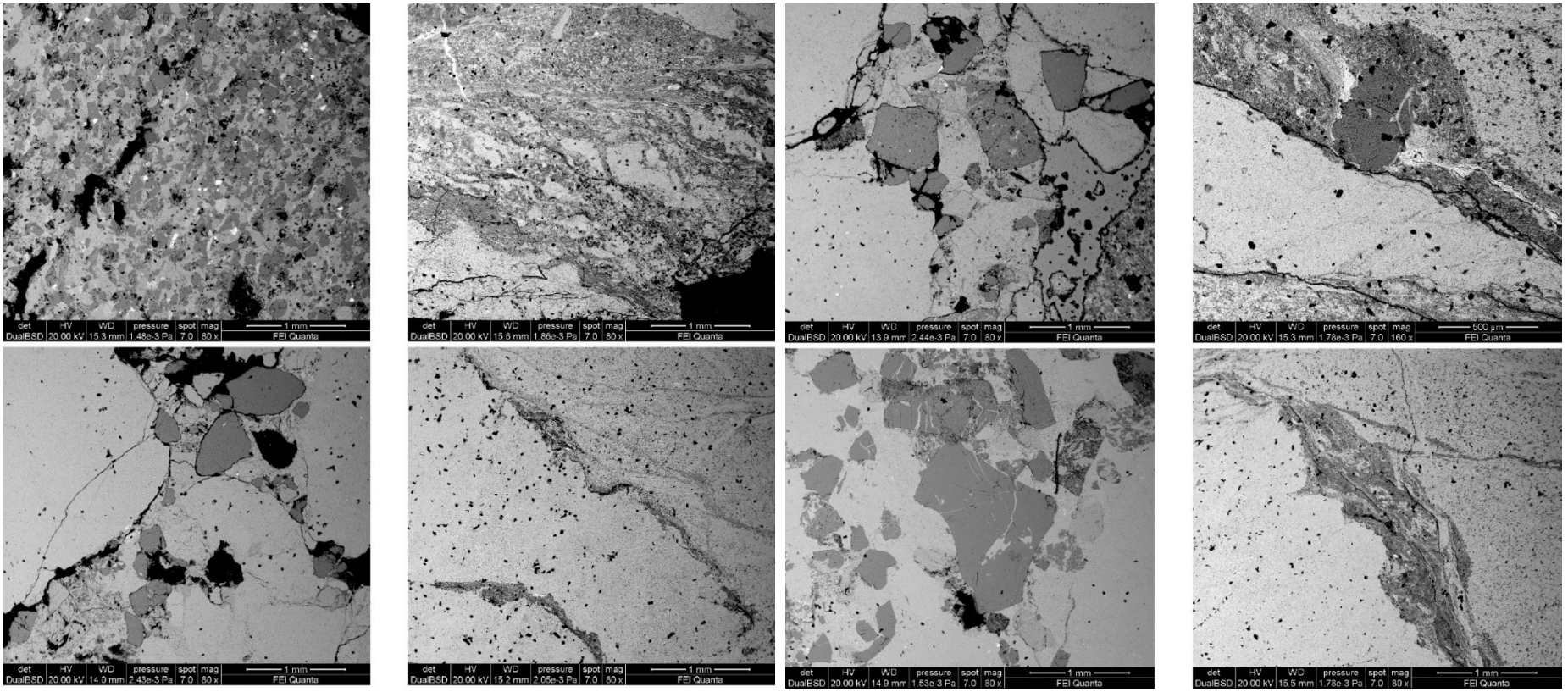
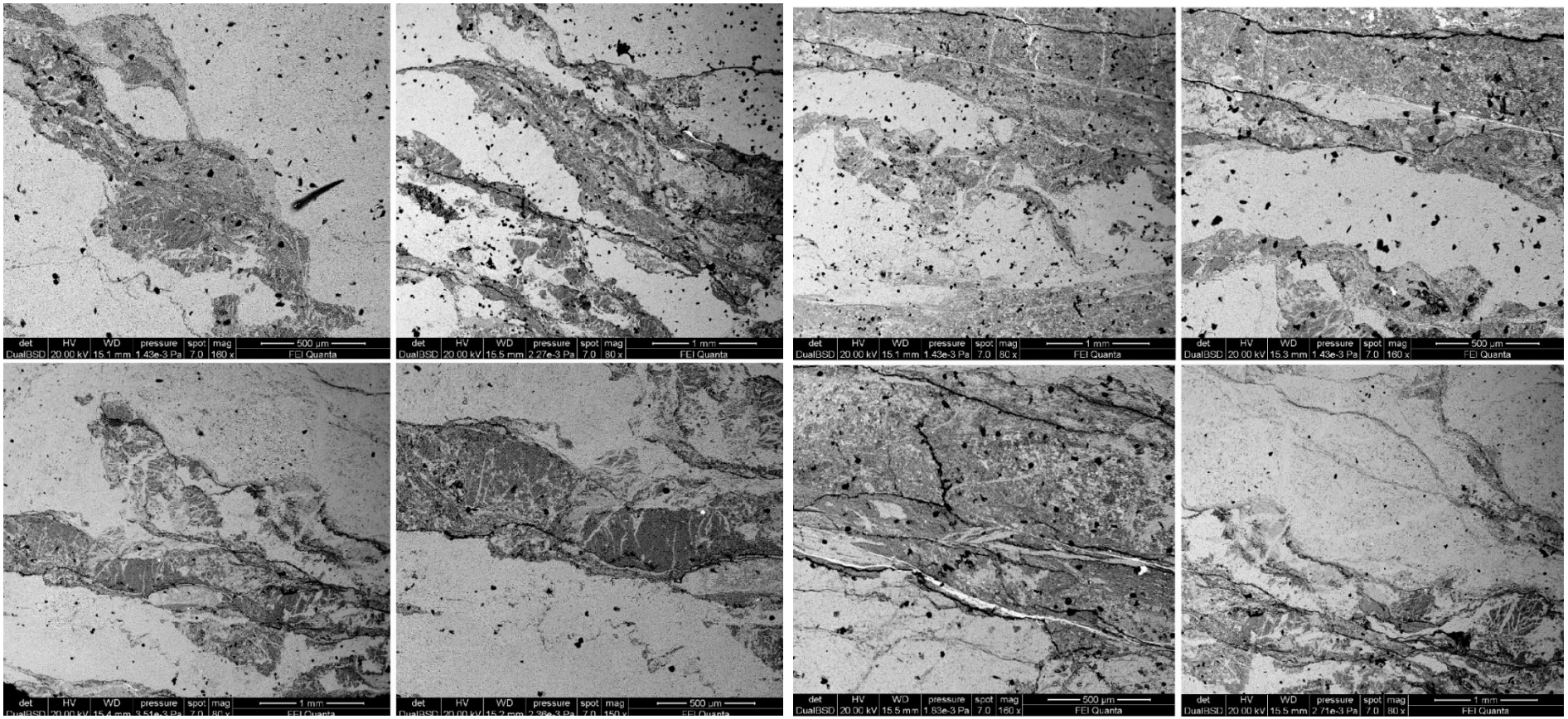


UNINTERPRETED SEM MICROPHOTOGRAPHS OF SAMPLE TP 3



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