

Province	City	Longitude	Latitude	Year	Stratigraphic Unit	Lithology	Y	N	Y	N	Y	N	Y	N	Y	N	Notes	Other
iajie	Hunan	110°23' E	28°55' N	2002	Elodie	Doushantuo Fm.	Black mudstone.	y	n	n	n	n	n	n	n	n		
iajie	Hunan	110°23' E	28°55' N	2002	Elodie	Doushantuo Fm.	Black silty limestone.	y	n	y	n	n	detritic	n	n	n		
iajie	Hunan	110°23' E	28°55' N	2002	Elodie	Doushantuo Fm.	Black carbonated shale.	n	n	n	y	n	n	n	n	n		
iajie	Hunan	110°23' E	28°55' N	2002	Elodie	Doushantuo Fm.	Wackestone with elongated black spots.	y	n	n	n	n	detritic	n	n	n		
iajie	Hunan	110°23' E	28°55' N	2002	Elodie	Liuchapo Fm.	Thin laminated black chert.	n	n	n	n	n	n	n	n	n		
ui	Hubei	110°59' E	30°38' N	2002	Elodie	Doushantuo Fm.	Calcareous black shale. Chert nodule. Pyrite.	n	n	n	y	n	n	n	n	Nodule, Pyrite	n	
ui	Hubei	110°59' E	30°38' N	2002	Elodie	Doushantuo Fm.	Very fine silty black calcareous shale with thin laminations.	n	n	y	y	n	detritic	n	Laminations	n		
ui	Hubei	110°59' E	30°38' N	2002	Elodie	Doushantuo Fm.	Thin laminated black mudstone.	y	n	n	n	n	n	Laminations	n	n		
ui	Hubei	110°59' E	30°38' N	2002	Elodie	Doushantuo Fm.	Light brown mudstone (?). Dolomitization. Poor sample.	y	n	n	n	n	n	n	n	n	Stylolite. Micrite with euhedral opaque mineral and phosphorite crystals. Diagenetic ?	
ui	Hubei	110°59' E	30°38' N	2002	Elodie	Doushantuo Fm.	Black mudstone. Few level with intensive recrystallisation.	y	n	n	n	n	diagenetic	n	Laminations	y	Phosphorite and biomat. Calcite between biomat beds.	y
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Mudstone. Stylolites.	y	n	n	n	n	n	Stylolites.	y	Poor section. Stylolites.		
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Mudstone (calcareous shale). Packstone at the base of the sample.	y	n	n	n	n	intraclasts	y	Alternating mudstone/grainstone couplets. Intraclasts and elongate detrital phosphorite grains. Euhedral opaque crystals. Lamination: Grain-size variation.	Sparite		
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Silty limestone (calcareous shale). Phosphorite nodules.	y	n	y	n	n	detritic	nodule	n			
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Black mudstone (calcareous shale). White diagenetic mineral.	y	n	n	n	n	diagenetic	n	n			
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Mudstone (calcareous shale) and wackestone interbedded. White mineral level.	y	n	n	n	n	detritic	n	n			
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Black mudstone (calcareous shale).	y	n	n	n	n	n	n	n			
iajie	Hunan	110°23' E	28°56' N	2002	Elodie	Doushantuo Fm.	Carbonated breccia.	y	n	n	n	n	detritic, intraclasts	y	Poor thin section. Dolomitic breccia.			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Liantuo Fm.	Black shale with elongated white spot. Tuff?	n	n	n	y	y?	y	n	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Sandstone	n	n	y	n	n	qtz	n	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Black shale with medium brown lamination. Recrystallization.	n	n	n	y	n	n	laminations	y	Phosphorite and biomat. Calcite between biomat layers.		
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Black laminated limestone	y	n	n	n	n	n	laminations	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Thin laminated, fine silty phosphorite. The grain size seems constant.	n	n	y	y	n	y	n	y	Phosphoritic packstone alternating with biomats and phosphoritic mudstone.	n	
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Stylolites and fractures.	n	n	y	y	n	y	n	y	Brecciation, intensive compaction.		
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Dolomitized packstone. White millimetric grains in a beige carbonated matrix	y	n	n	n	n	spicule	n	y	Packstone. Large sparitic area surrounded by micrite.	Large sparite	
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Like-glass aspect of the surface.	y	n	n	n	n	n	n	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Doushantuo Fm.	Poor sample	n	n	n	n	n	n	n	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Doushantuo Fm.	Black mudstone	y	n	n	n	n	n	n	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Doushantuo Fm.	Black mudstone with diagenetic chert nodule with Pyrite around the nodules	y	n	n	n	n	n	nodule	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Doushantuo Fm.	Dark brown to black mudstone and biomat laminations.	y	n	n	n	n	n	biomats	y	Mudstone/biomat boundstone. Mudstone section less compacted	n	
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Doushantuo Fm.	Black shale	n	n	n	y	n	n	n	y	Poor thin section		
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Thick laminated dark-grey (brown: weathered) packstone interbedded with black mudstone. The transition between the packstone and the underlain black mudstone level is erosive. The transition between each lamination is sharp. The grain size decrease on the top of laminations.	y	n	n	n	n	n	n	n	Packstone with detrital phosphorite grains. Euhedral opaque minerals and dolomite crystals. Xenomorph phosphorite.	n	
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Millimetric white flatted grains.	y	n	n	n	n	intraclast	y				
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Alternance of Mudstone and biomats and Packstone with intraclasts <mm, few>5mm, one> cm	y	n	n	n	n	intraclast	laminations	n			
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Thin laminated black limestone.	n	n	n	y	n	n	laminations	y	Wackestone with intraclasts. Biomat laminations.	n	
ui	Hubei	110°56' E	30°51' N	2002	Elodie	Dengying Fm.	Black laminated limestone	y	n	n	n	n	n	laminations	n	Intense oxidation.		
xi	Hunan	110°03' E	28°13' N	2002	Elodie	Doushantuo Fm.	Silty limestone.	y	n	y	n	n	detritic	n	n			
xi	Hunan	110°03' E	28°13' N	2002	Elodie	Doushantuo Fm.	Green mudstone.	y	n	n	n	n	n	n	n			
xi	Hunan	110°03' E	28°13' N	2002	Elodie	Dengying Fm.	Black shale.	n	n	n	y	n	n	n	n			
xi	Hunan	110°03' E	28°13' N	2002	Elodie	Doushantuo Fm.	Muddy phosphorite and reworked phosphorite. Intensive oxydation.	n	y	n	n	n	detritic	y	Phospho-mudstone, -grainstone.	y		
xi	Hunan	110°03' E	28°13' N	2002	Elodie	Doushantuo Fm.	Muddy phosphorite and reworked phosphorite. Intensive oxydation.	n	y	n	n	n	detritic	y	Phospho-mudstone, -grainstone.	y		
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Chert nodule	n	n	n	n	n	n	n	n			
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Weathered, light grey, thin laminated shale	n	n	n	y	n	n	laminations	n			
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Weathered, light grey, thin laminated shale	n	n	n	y	n	n	laminations	n			
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Black shale. Poor sample.	n	n	n	n	n	n	n	n			
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Silty dolomite with laminations due to diagenetic white minerals.	n	n	y	n	n	detritic+diagenetic	lamination	y	Micrite. Laminations: secondary dolomite and phosphorite (?)		
ng	Guizhou	108°25' E	26°51' N	2002	Elodie	Doushantuo Fm.	Mudstone and biomats. Light brown to brown laminations.	y	n	n	n	n	n	biomats	y	Micrite. Stylolites. Black spots: Phosphorite nodules ?		
ing	Hunan	110°26' E	28°27' N	2002	Elodie	Liuchapo Fm.	Dolomitized.	y	n	n	n	n	n	n	y			
ing	Hunan	110°26' E	28°27' N	2002	Elodie	Liuchapo Fm.	Dark grey clay with white <mm clast. Tuff.	n	n	n	n	y	y	n	y	Tuff. <1mm in size chlorite. Opaque minerals.	n	
ing	Hunan	110°26' E	28°27' N	2002	Elodie	Liuchapo Fm.	Dark grey clay with white <mm clast. Tuff.	n	n	n	n	y	y	n	y	Primary clinopyroxene, feldspar, secondary epidote. Iginimbrite (?). Glass fragments altered to chlorite+magnetite. Basaltic composition.		