

Long.	Lat.	Year	Sampled by	Formation	Description	Carbonate	Phosphorite	Chert	Shale	Tuffite	Clasts	Litho. Element	Thin section	Description	Cement	Other
110° 48' E	30° 57' N	2003	Elodie	Doushantuo	Thin laminated packstone interbedded with wackest. Erosive contact. Weathered samples.	y	n	n	n	n	Intraclasts		n			
110° 48' E	30° 57' N	2003	Elodie	Doushantuo	Interbedded packstone with wackestone and mudstone in thin laminations (2-5mm). Mm-sized cherts(?) grains. Biomat (?)	y	n	n	n	n	Intraclasts	Lamination	y	Fine-grained micrite with small lenticular chert concretions	n	
110° 48' E	30° 57' N	2003	Elodie	Doushantuo	Laminated (biomats) wackestone/mudstone	y	n	n	n	n	Intraclasts	Lamination	y	Fine-grained micrite. Few discontinuous biolaminations.	n	
110° 48' E	30° 57' N	2003	Elodie	Doushantuo	Thin laminated weathered black wackestone. Chert concretions.	y	n	n	n	n	Intraclasts	Lamination	y	Micrite with biolaminations. Few phos(?)clasts. Chert concretions	n	
110° 48' E	30° 57' N	2003	Elodie	Doushantuo	Interbedded wackestone and chert. Thin laminations.	y	n	n	n	n	Intraclasts	Lamination	y	Very fine-grained micrite. Few laminations (biomats?)	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Phosgrainstone interbedded with thin-bedded disturbed dolomite (plastic deformation?), Biomats.	y	y	n	n	n			y	Phosmicrite matrix with phosintraclasts and biomats. Dolomicrite.	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Dolomite breccia with phosphite composite clasts (dm-sized)	y	n	n	n	n	dm-sized phospebbles		y	Dolomite cement with few phosmicrite beds and phosintraclasts	Dolomite	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Lam. silty limestone with phosphite grain. Chert nodules. Tuff input (?)	y	y	n	n	y(?)	mm-sized phos grains		y	Phosmicritic matrix with phosintraclasts and biomats. Few lenticular, secondary phosphorite concretions	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Idem that ZCP-1								y	Phosintraclasts in phosphorite cement. Biolaminations.	Phosphorite	
111°13 E	31°07 N	2003	Elodie	Doushantuo	idem that ZCP-2								n			
111°13 E	31°07 N	2003	Elodie	Doushantuo	Phosgrainstone and stromatolite laminations. Weathered.	y	y	n	n	n	mm-sized phos grains		y	Boundstone with biomats. Phos- and dolo-clasts between the laminations.	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Dolomitized packstone	y	n	n	n	n	mm-sized dolomicrite grains		y	Fine crystallised dolomicrite. Few phos-clasts	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Very-fine-grained, thin-laminated grainstone with black chert small clasts (<2mm). Porous. Tuff input.	y	y	n	n	y			y	Micrite. Few opaque minerals. Few biomats	n	
111°13 E	31°07 N	2003	Elodie	Doushantuo	Idem that ZCP-3							Small chert nodules.				
111°13 E	31°07 N	2003	Elodie	Doushantuo	Idem that ZCP-3							Laminations	n			
111°13 E	31°07 N	2003	Elodie	Doushantuo	Mudstone/packstone with disrupted beds and small phosphorite grains (<2mm)	y	y	n	n	n	mm-sized phos grains	Extensional deformations	n			
111°13 E	31°07 N	2003	Elodie	Doushantuo	Black carbonaceous, thin-laminated shale	n	n	n	y	n		Biolamination (?)	y	Fine-grained micrite with biomats (?)	n	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Thin lamaminated silty shale and shale. Pyrite.	n	n	y	y	n		Biolamination (?)	y	Micrite with thin beds of calcite crystals	Few calcite	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Light grey thin laminated shale. Pyrite. Tuff inputs.	n	n	n	y	y		Biolamination (?)	y	Micrite with few small opaque minerals (Pyrite).	n	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Interbedded siltstone and shale. Thin laminated shale. Slumped structures. Tuff input.	n	n	y	y	y		Biolamination (?)	y	Fine grained micrite with kerogen-rich laminations (biomats?). Few phos-clasts	n	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Thin laminated shale. Slump level (?)	n	n	n	y	n			y	Fine grained micrite with kerogen-rich laminations (biomats?). Few diagenetic calcite crystals.	Few calcite	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Light grey shale with flatted white spot beds	n	n	n	y	n			y	Fine grained micrite with kerogen-rich laminations (biomats?). Few diagenetic calcite crystals.	Few calcite	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Weathered laminated shale	n	n	n	y	n			n			
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Mudstone. Small chert nodules and bed	y	n	n	n	n		Diagenetic thin chert beds	y	Fine-grained micrite with biomats, chert concretion, and opaque mral.	n	
110° 40,2' E	29° 58,2 N	2003	Elodie	Doushantuo	Wackestone/packstone (debrite?)	y	n	n	n	n		Trough crossbedding (?)	y	Fine-grained micrite with biomats, chert concretion, and opaque mral.	n	
109°01,096 E	27°50,016' N	2003	Elodie	Doushantuo	cm-sized, normal graded laminated wackestones/packstones.	y	n	n	n	n		Normal graded laminations	y	Claystone. Few small opaque minerals.	n	
109°01,096 E	27°50,016' N	2003	Elodie	Doushantuo	Carbonaceous laminated shale	y	n	n	y	n		Biomats	y	Claystone with biomats (?) and few opaque mineral. Abundant Qtz mral and lens.	n	
109°01,096 E	27°50,016' N	2003	Elodie	Doushantuo	Thin-bedded mudstone and siltstone. Secondary dolomitized.	y	n	y	n	n			y	Micrite interbedded with fine-grained micrite. Burrow (?)	n	
109°01,096 E	27°50,016' N	2003	Elodie	Doushantuo	Purple shale. Algae	n	n	n	y	n		Algae	n			
109°01,096 E	27°50,016' N	2003	Elodie	Liuchapo	Carbonate breccia with mm-sized chert clasts	y	n	n	n	n			n			
110°40 E	29°58 N	2003	Elodie	Doushantuo	Black wackestones. Very fine white laminations (grains or mats?)	y	n	n	n	n	Dolo- intraclasts	Biomats (?)	y	Micrite with few bio(?) laminations	n	
110°40 E	29°58 N	2003	Elodie	Doushantuo	Grey mudstone	y	n	n	n	n		Small chert nodules. Py beds	y	All black.		
110°40 E	29°58 N	2003	Elodie	Doushantuo	Thin-bedded mudstone interbedded with phosgrainstone. Biomats. Small phosnodules	y	y	n	n	n		Biomats , nodules	y	Phosmicrite matrix with phos-intraclasts, dolomite clasts and biomats	n	
110°40 E	29°58 N	2003	Elodie	Doushantuo	Grainstone (very fine grains) interbedded with (phos)mudst. Debrite (?)	y	y(?)	n	n	n			y	Phos-intraclasts and phos-ooliths in phos-micrite matrix. Biolaminations. Important compaction.	n	
110°40 E	29°58 N	2003	Elodie	Doushantuo	Oolitic phosgrainstone. Some cm-sized, elongated phos-intraclasts. Debrite	y	y	n	n	n	Phosooliths	Phosmicrite intraclasts	y	Calcite cement with cement-filled phos-oolith. Few dolomite crystals.	Calcite	
110°40 E	29°58 N	2003	Elodie	Doushantuo	Phosgrainstone with phos-intraclasts	y	y	n	n	n			y	Micrite matrix with coated phos-grains and few calcite crystals	Few calcite	
110°40 E	29°58 N	2003	Elodie	Doushantuo	Phosgrainstone with mm-sized intraclasts (< 0,5mm). Few cm-sized micritic phosclasts.	y	y	n	n	n	Intraclasts		y	Phos-intraclasts and few phosphorite coated grains in a calcite cement	Calcite	
109° 50.402' E	28° 30.000' N	2003	Elodie	Doushantuo	Wackestone with very small clasts. Debrite (?)	y	n	n	n	n	Intraclasts		n			
109° 50.402' E	28° 30.000' N	2003	Elodie	Doushantuo	Porous light beige shale. White spots. Tuffite.Highly weathered.	y	n	n	n	y			y	Tuffite	?	
110° 52.545 E	28° 08.632 N	2003	Elodie	Liuchapo	Thinly laminated chert. Stylolithes. Disturbed beds.	n	n	y	n	n			YZW-3	Micro-breccia with cm-sized chert clasts	Calcite	
110° 52.545 E	28° 08.632 N	2003	Elodie	Liuchapo	Thinly laminated chert	n	n	y	n	n			n			
110° 36.386' N	28° 04.619' N	2003	Elodie	Doushantuo	Fine-grained silty limestone. Tuff (?)	y	n	n	n	y		Thinly laminated	y	Very fine undetermined crystals. Porosity	?	
110° 36.386' N	28° 04.619' N	2003	Elodie	Doushantuo	Porous, light, weathered silty limestone (tuffite?)	y	n	n	n	y		Thinly laminated	y	Very fine undetermined crystals. High porosity	?	
110°26' E	28°27' N	2003	Elodie	Liuchapo	Silicified black shale and tuff	n	n	y	n	y			n			
110°03' E	28°13' N	2003	Elodie	Doushantuo	Dolomitized light brown mudstone. Laminations. Pyrite.	y	n	n	n	n		Biomats	y	Dolomitization masks all.	?	
110°03' E	28°13' N	2003	Elodie	Doushantuo	Porous, laminated, brown, fine-grained wackestones	y	n	n	n	y	Intraclasts		y	Fine-grained micrite. Phosphorite grains form the laminations.	n	
110°56 E	30°51 N	2003	Elodie	Dengying	Fine wackestone/packstone (debrite). Tuff input.	y	n	n	n	y	Intraclasts		n	Few mm-sized dolomicrite clasts. Few biomats (?)	n	
110°56 E	30°51 N	2003	Elodie	Dengying	Packstone/wackestone. Debrite	y	n	n	n	y	Intraclasts		n			