Supplementary Table S9: Observations from point counting 11 thin sections from the 13 samples in the present study. Relative proportions for QRF-diagram.

Well #	Depth (m)	Sample #	Quartz		Feldspars				Micas		Chert		Heavy minerals		Clay clasts		Over-growths		Clay cements		Carbonate cements		Iron cements		Rock fragments				Porosity		Total		QRF-fraction		
					Total		K-fsp	Plag.	Total				Total		Total		Total		Total		Total		Total		Total		PolyQ	MRF	SRF	Total					
			n	%	n	%			n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%				n	%	n	%	Q	R	F
7321-8-1'	1444.5	F	194	64.7	10	3.3	4	6	x				x		8	2.67	15	5	x		4	1.333	13	4.33	14	4.667	3	11		42	14	300	100	89	6.4	4.6
7321-8-1'	1452.2	H	125	41.7	x		x	x	x		4	1	x		50	16.7	7	2.33			50	16.67	5	1.67	34	11.33	29		5	25	8.33	300	100	79	21	-
7227-8-U-1'	33.5	L	122	40.7	6	2	6	x	x				x								57	19	6	2	106	35.33	104		2	3	1	300	100	52	45	2.6
7227-8-U-1'	34.6	M	147	49	11	3.7	9	2	1	0.3							4	1.33			67	22.33	1	0.33	60	20	53	3	4	9	3	300	100	67	28	5
7224/7-1'	900.8	I	92	30.7	x		x		1	0.3	29	10	1	0.33	31	10.3	6	2			8	2.667	68	22.7	54	18	23	3	28	10	3.33	300	100	63	37	-
7220/8-1'	1294	A	169	56.3	1	0.3	1	x			43	14	x		2	0.67	16	5.33			1	0.333	5	1.67	13	4.333	13			50	16.7	300	100	92	7.1	0.5
7220/8-1'	1354.8	C	123	41	4	1.3	4						x		9	3	29	9.67					1	0.33	109	36.33	60		49	25	8.33	300	100	52	46	1.7
7220/7-1'	1793.5	E	57	19	1	0.3		1			163	54	x		4	1.33	1	0.33			7	2.333	27	9	22	7.333	11		11	18	6	300	100	71	28	1.3
7220/7-1'	1851	G	173	57.7	7	2.3	3	4	4	1.3			x		6	2	32	10.7					3	1	47	15.67	45	2		28	9.33	300	100	75	22	3
7122/6-1'	2025	J	200	66.7	2	0.7	2		3	1			1	0.33	3	1	16	5.33	1	0.33	9	3	3	1	44	14.67	44			18	6	300	100	80	19	0.8
7122/6-1'	2030	K	139	46.3	1	0.3		1	x		73	24	x		19	6.33	4	1.33			8	2.667			42	14	22	4	16	14	4.67	300	100	76	23	0.5

Abbreviations: K-fsp = K-feldspar; Plag. = Plagioclase; PolyQ = Polycrystalline Quartz; MRF = Metamorphic Rock Fragment; SRF = Sedimentary Rock Fragment; Q = Quartz; R = Rock fragments; F = Feldspar