

2/4-8AX

Well file

PPCC
X-Ray DiffractionCore Lab.
Calcimetry

Sample Depth	Shifted Depth	% Quartz	% Clay	% FeS ₂	% CaCO ₃	% Extracted Insol. Res.	% Feld	% Insoluble	% Limestone	% Dolomite
9795	9811	17	2		81	19				
9797	9813	24	3		73	27				
9799	9815	22	3		75	25	26 (32)	60.73 (67.7)	13.27 (.3)	
9801	9817	25	3		72	28				
9803	9819	21	1		78	22				
9816	9820	11	TR		88	12				
9818	9822	19	1		82	18				
9820	9824	11	TR		88	12	16 (36)	79.33 (63.7)	4.67 (.3)	
9822	9826	20	TR		79	21				
9824	9828	26	2		72	28				
9826	9830	24	4		72	28				
9828	9832	13	2		85	15				
9829	9833	6	TR	1	92	8				
9831	9835	17	TR		82	18				
9833	9838	18	TR		81	19				
9835	9839	18	4		78	22				
9837	9841	14	TR		85	15				
9838	9842	14	2		84	16	16 (26)	77.17 (73.7)	6.83 (.3)	
9040	9844	10	1		83	17				
9842	9846	16	1		83	17				
9844	9848	16	1		83	17				
9846	9850	15	1		84	16				
9853	9857	17	3		80	20				
9855	9859	22	3		75	25				
9857	9861	18	2		80	20				
9859	9863	20	2		78	22	27 (18)	56.49 (81.6)	16.51 (.4)	
9861	9865	20	2		78	22				
9862	9866	18	2		80	20				
9864	9868	17	3		80	20				
9866	9870	20	2		78	22				
9868	9872	26	2		72	28				
9870	9874	17	2		81	19				
9871	9875	21	2		77	23				
9872	9876	19	2		79	21				
9873	9877	20	2		78	22				

Sample Depth	Shifted Depth	% Quartz	% Clay	% FeS ₂	% CaCO ₃	% Extracted Insol. Res.	% Feld	% Insoluble	% Limestone	% Dolomite
9875	9879	18	TR		81	19				
9877	9881	6	TR		93	7				
9879	9883	21	1		78	22		25 (40)	64.9 (59.7)	10.0 (.3)
9881	9885	20	3		77	23				
9883	9887	35	10		55	45				
9885	9891				83	17				
9887	9893	12	1		87	13				
9889	9895				84	16				
9891	9897	16	1		83	17		16 (18)	77.2 (5.6)	6.8 (76.4)
9903	9909				78	22				
9905	9911	19	4		77	23				
9914	9920				81	19		22 (38)	73.4 (61.7)	4.7 (.3)
9921	9927				5	95				
9923	9929				85	15				
9925	9931	11	1		88	12				
9927	9933				76	24				
9929	9935	10	1		89	11				
9930	9936				92	8				
9932	9938	11	2		87	13				
9934	9940	11	1		88	12		15 (26)	77.1 (73.7)	7.9 (.3)
9936	9942				92	8				
9938	9944				91	9				
9939	9945				87	13				
9941	9947	11	2		87	13				
9943	9949				91	9				
9945	9951	7	2		91	9				
9947	9953				91	9				
9948	9954	7	1		92	8				
9950	9956				90	10				
9952	9958	7	1		92	8		11 (8)	87.5 (85.1)	1.5 (6.9)
9959	9965				94	6				
9961	9967	9	1		90	10				
9963	9969				86	14				
9965	9971	11	1		88	12				
9967	9973				86	14				
9968	9974				83	17				

Note: Numbers in parentheses indicate original (non-extracted) analysis by Core Lab.

Sample Depth	Shifted Depth	% Quartz	% Clay	% FeS ₂	% CaCO ₃	% Extracted Insol. Res.	% Feld	% Insoluble	% Limestone	% Dolomite
9970	9976	13	2		85	15				
9972	9978							16 (40)	72.8 (59.75)	11.2 (0.25)
9974	9980				89	11				
9976	9982				88	12				
9977	9983				87	13				
9980	9986				83	17				
9982	9988				78	18				
9984	9990				76	24				
9986	9992				79	21				
9988	9994				83	17				
9989	9995				87	13				
9991	9997				87	13				
9993	9999	9	2		89	11		13 (39)	80.1 (55.3)	6.9 (5.7)
9995	10001	12	2		86	14				
9997	10003	11	1		88	12				
9998	10004				82	18				
10000	10006	11	1		88	12				
10002	10008				90	10				
10004	10010	14	2		84	16				
10006	10012				80	20				
10007	10013	15	1		84	16				
10009	10015	13	1		86	14				
10013	10019	21	2		77	23		29 (30)	70.7 (58.9)	0.3 (11.1)
10015	10021				87	13				
10016	10022				69	31				
10018	10024				87	13				
10020	10026	23	2		75	25				
10022	10028				87	13				
10024	10030				82	18				
10025	10031				73	27				
10027	10033	22	2		76	24				
10031	10037	19	3		78	22		30 (36)	66.5 (57.2)	3.5 (6.8)
10033	10039	17	2		81	19				
10037	10043	22	1		77	23				
10039	10045				68	32				

Sample Depth	Shifted Depth	% Quartz	% Clay	% FeS ₂	% CaCO ₃	% Extracted Insol. Res.	% Feld	% Insoluble	% Limestone	% Dolomite
10041	10047	30	3		67	33				
10043	10049				52	48				
10045	10051	2	TR		98	2				
10047	10053				60	40				
10049	10055	32	3		65	35				
10051	10057	29	5		66	34	37 (52)	61.6 (43.5)	1.4 (4.5)	
10053	10059				81	19				
10055	10061	18	1		81	19				
10057	10063				66	34				
10059	10065	33	4		63	37				
10061	10067				77	23				
10063	10069	34	2		64	36				
10065	10071				66	34				
10069	10075				47	53				
10071	10077	45	3		50	50	59 (50)	36.5 (47.6)	4.5 (2.4)	
10073	10079				55	45				
10075	10081	45	7		48	52				
10077	10083				46	54				
10079	10085	17	1		82	18				
10081	10087				74	26				
10083	10089	19	3		78	22				
10085	10091				82	18				
10087	10093	16	3		81	19				
10089	10095				81	19				
10091	10097	24	5		71	29	35 (34)	63.6 (61.4)	1.4 (4.6)	
10097	10103	26			71	29				
10099	10105				54	46				
10101	10107	36	5		59	41				
10103	10109				63	37				
10105	10111	44	5		51	49				
10107	10113				54	46				
10109	10115	35	6		59	41				
10111	10117	32	5	TR	63	37	41 (42)	56.6 (56.7)	2.4 (1.3)	
10113	10019				61	39				
10115	10021	54	5		41	59				

Sample Depth	Shifted Depth	% Quartz	% Clay	% FeS ₂	% CaCO ₃	% Extracted Insol. Res	% Feld	% Insoluble	% Limestone	% Dolomite
10117	10123				52	48				
10119	10125	24	2		74	26				
10121	10127				71	29				
10123	10129	27	3		70	30				
10125	10131				78	32				
10127	10133	15	2		83	17				
10131	10137	11	1		88	12	11 (14)	87.6 (85.6)	1.4 (0.4)	
10133	10139				87	13				
10137	10143	4	TR		96	4				
10139	10145				94	6				
10141	10147	4	1	TR	95	5				
10143	10149				92	8				
10145	10151	4	1		95	5				
10147	10153				96	4				
10149	10155	4	1	TR	95	5	8 (9)	89.5 (90.6)	2.5 (0.4)	
10151	10157				95	5				
10153	10160	5	1	TR	94	6				
10169	10175						9 (0)	85.2 (99.6)	5.8 (0.4)	
10189	10195						4 (10)	93.4 (89.6)	2.5 (0.4)	
10203	10209						14 (13)	79.2 (86.6)	6.8 (0.4)	
10259	10265						1 (0)	95.3 (99.6)	3.7 (0.4)	
10279	10285						0 (8)	95.3 (91.6)	4.7 (0.4)	
10299	10305						7 (10)	91.5 (89.6)	1.5 (0.4)	
10319	10325						0 (22)	99.6 (77.6)	0.4 (0.3)	
10339	10345						4 (9)	91.3 (90.6)	4.7 (0.4)	
10359	10365						1 (24)	95.3 (75.7)	3.6 (0.3)	
10379	10385						4 (7)	95.6 (92.6)	0.4 (0.4)	
10399	10405						4 (3)	91.3 (96.6)	4.7 (0.4)	
10419	10425						7 (10)	89.4 (89.6)	3.6 (0.4)	
10439	10445						8 (9)	87.3 (90.6)	4.7 (0.4)	
10459	10465						5 (0)	91.4 (99.6)	3.6 (0.4)	
10473	10479						10 (38)	87.5 (61.7)	2.5 (0.3)	
10493	10501						5 (12)	93.5 (87.6)	1.5 (0.4)	

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<u>Sample</u> <u>Depth</u>	<u>Shifted</u> <u>Depth</u>	<u>%</u> <u>Quartz</u>	<u>%</u> <u>Clay</u>	<u>%</u> <u>FeS₂</u>	<u>%</u> <u>CaCO₃</u>	<u>%</u> <u>Extracted</u> <u>Insol. Res.</u>	<u>%</u> <u>Feld</u>	<u>%</u> <u>Insoluble</u>	<u>%</u> <u>Limestone</u>	<u>%</u> <u>Dolomite</u>
10513	10519							4 (10)	95.6 (89.6)	0.4 (0.4)
10533	10539							8 (9)	91.6 (90.6)	0.4 (0.4)
10553	10559							6 (3)	93.6 (96.6)	0.4 (0.4)
10573	10579							5 (0)	94.6 (99.6)	0.4 (0.4)
10593	10599							5 (6)	93.5 (93.6)	1.5 (0.4)
10613	10619							8 (8)	91.6 (91.6)	0.4 (0.4)
10633	10639							5 (8)	93.5 (91.6)	1.5 (0.4)