

Supplemental Table 3. Acceptance Rates from Segment A.

<i>Sample</i>	# <i>measured</i>	<i>Rejected</i>				# <i>accepted</i>	<i>Rate</i> (%)	# <i>negative</i> <i>D_e</i>	<i>No fading</i> <i>correction</i>
		<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>				
Kutoyis									
UW1910	393	319	11	4	0	59	15.0	3	1
UW1911	590	492	22	10	2	65	11.0	2	5
UW1912	593	447	38	23	2	83	14.0	1	6
UW1913	594	508	16	0	5	65	10.9	3	7
UW1914	875	843	12	5	1	14	1.6	0	2
UW1915	796	763	4	1	0	28	3.5	1	3
UW1916	594	511	21	9	5	48	8.1	4	11
UW1917	399	354	5	1	1	38	9.5	0	3
UW1918	490	377	17	6	12	78	15.9	4	4
UW2437	588	442	34	11	4	97	16.5	2	15
UW2438	399	278	21	3	7	90	22.6	1	5
UW2439	495	375	34	15	5	66	13.3	5	11
UW2440	492	346	48	31	4	63	12.8	4	14
UW2441	395	298	8	19	9	61	15.4	2	6
UW2442	490	373	24	14	15	64	13.1	2	4
UW2443	1075	972	30	13	6	54	5.0	14	3
UW2444	977	852	31	27	9	58	5.9	1	2
UW2445	389	303	14	2	14	56	14.4	6	4
UW2446	790	628	23	14	13	112	14.2	8	4
UW2447	784	684	24	17	7	52	6.6	3	4
UW2448	197	151	5	3	3	35	17.8	0	1
Whitewater									
UW2152	873	703	38	31	6	95	10.9	2	14
UW2153	1176	919	36	45	16	139	11.8	1	6
UW2154	193	152	2	2	0	37	19.2	15	3
UW2155	585	437	21	11	8	108	18.5	6	14
UW2156	589	425	21	15	8	120	20.4	1	9
UW2157	1272	1020	82	72	20	78	6.1	3	17
UW2158	979	773	39	15	14	138	14.1	4	20
Wyoming									
UW1670	393	314	13	5	1	60	15.3	5	7
UW1671	388	358	8	0	0	22	5.7	2	2
UW1672	298	293	1	0	0	3	1.3	0	1
UW2163	688	652	11	0	2	23	3.3	2	0
UW2164	391	362	5	0	1	16	5.9	2	5
UW2165	594	558	7	0	3	26	4.4	1	2
UW2166	1086	1040	16	4	4	22	2.0	1	1
UW2167	1185	1137	19	2	8	19	1.6	3	3
UW2168	1078	1051	7	0	4	16	1.5	3	3
UW2169	986	960	13	0	3	10	1.0	0	0
UW2170	791	755	15	0	4	17	2.1	2	0
UW2171	983	941	14	0	10	18	1.8	1	0

UW2172	1175	1139	14	0	4	18	1.5	2	2
UW2173	1765	1719	21	2	6	17	0.9	0	5
UW2174	788	746	9	6	3	24	3.0	2	4
UW2175	988	950	13	1	10	14	1.4	0	0
UW2176	778	744	10	1	2	21	2.7	2	3
UW2177	586	556	6	2	7	15	2.6	1	1
UW2178	494	469	6	0	3	16	3.2	0	0
UW2179	588	548	8	0	11	21	3.6	6	3
UW2180	198	133	9	13	3	40	20.2	19	7
UW2181	98	56	1	1	14	26	26.5	6	4

Notes: Criteria for rejection, as defined in main text: (1) poor signal, (2) recycle failure, (3) natural fails to intersect growth curve, (4) signal after zero dose > 0.2. Negative D_e values were acknowledged but not used in distribution analysis. No fading correction was possible for grains with high measured fading rates.