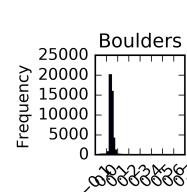
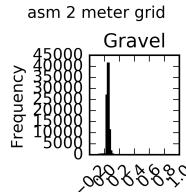
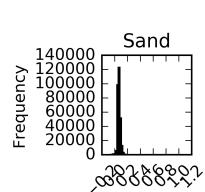
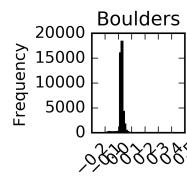
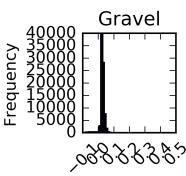
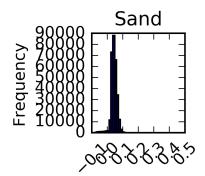


April 2014 Below Gage Pool



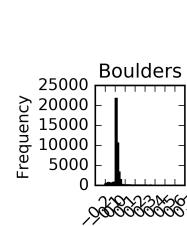
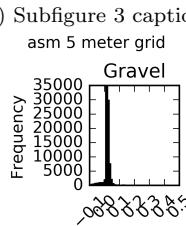
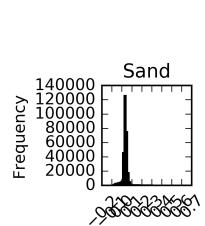
(a) Subfigure 1 caption
asm 3 meter grid



2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.042	0.048	0.051	0.063	0.076	223.483	9.493
gravel	0.033	0.036	0.038	0.044	0.053	204.894	10.3
boulders	0.032	0.035	0.036	0.042	0.049	193.006	7.941

(b) Subfigure 2 caption

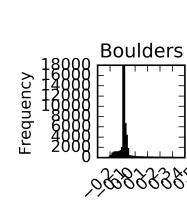
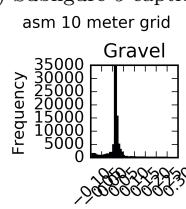
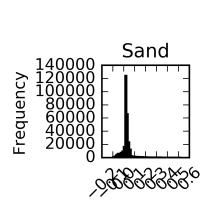


(c) Subfigure 3 caption
asm 5 meter grid

3 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.027	0.032	0.034	0.043	0.055	41.877	1.816
gravel	0.018	0.021	0.022	0.027	0.032	72.095	2.403
boulders	0.016	0.018	0.019	0.023	0.028	69.091	2.861

(d) Subfigure 4 caption



(e) Subfigure 5 caption
asm 10 meter grid

5 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.017	0.023	0.025	0.034	0.045	44.908	5.104
gravel	0.01	0.014	0.015	0.019	0.025	42.492	2.219
boulders	0.004	0.01	0.011	0.016	0.022	33.689	4.792

(f) Subfigure 6 caption

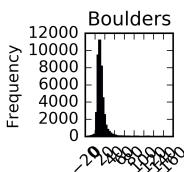
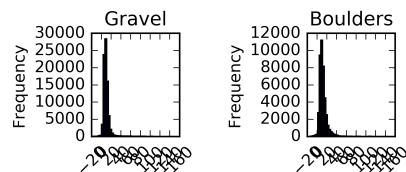
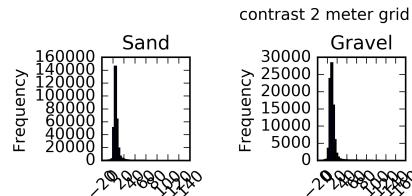
(g) Subfigure 7 caption

(h) Subfigure 8 caption

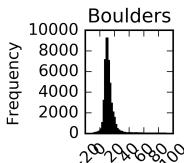
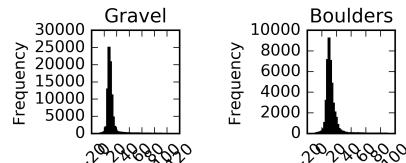
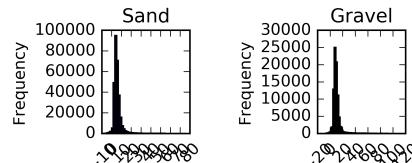
10 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.011	0.013	0.015	0.021	0.033	22.642	3.785
gravel	-0.029	0.007	0.01	0.013	0.019	8.218	0.368
boulders	-0.042	-0.003	0.006	0.012	0.021	15.965	2.427

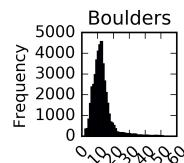
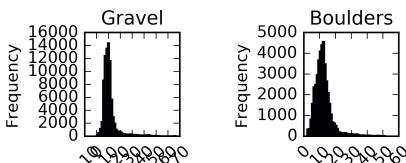
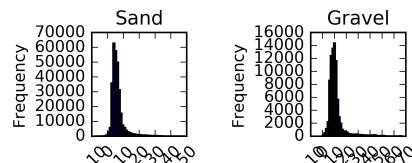
April 2014 Below Gage Pool



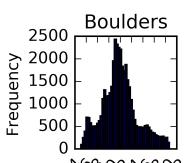
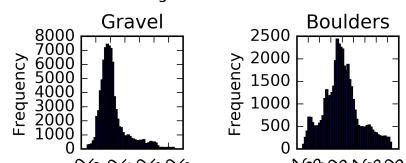
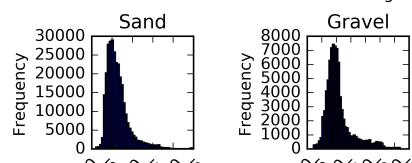
(a) Subfigure 1 caption
contrast 3 meter grid



(c) Subfigure 3 caption
contrast 5 meter grid



(e) Subfigure 5 caption
contrast 10 meter grid



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	2.341	2.989	3.263	4.683	6.639	77.715	5.898
gravel	4.818	5.988	6.476	8.771	11.698	59.021	5.938
boulders	5.314	6.836	7.463	10.493	14.542	40.728	4.071

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	2.67	3.293	3.563	4.898	6.689	33.78	4.373
gravel	5.65	6.719	7.124	8.965	11.286	38.819	4.972
boulders	6.407	7.916	8.461	10.749	14.061	24.142	3.667

(d) Subfigure 4 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	3.057	3.646	3.895	5.309	7.004	18.231	3.553
gravel	6.045	7.017	7.45	9.523	11.588	15.803	3.515
boulders	6.582	8.209	8.919	11.598	14.27	8.536	2.261

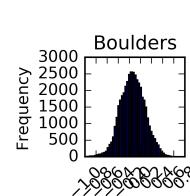
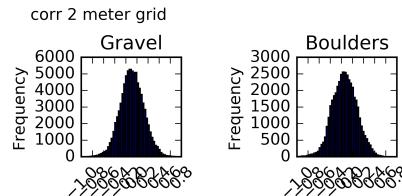
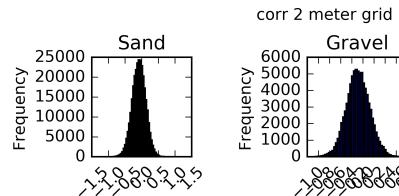
(f) Subfigure 6 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	3.653	4.207	4.453	5.733	7.411	5.49	1.917
gravel	6.452	7.498	7.912	9.604	11.86	2.885	1.643
boulders	7.863	9.403	9.984	11.763	13.576	0.062	0.372

(h) Subfigure 8 caption

c

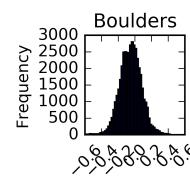
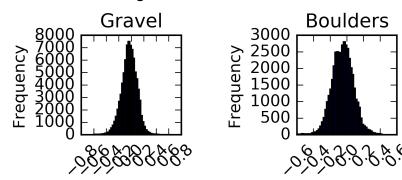
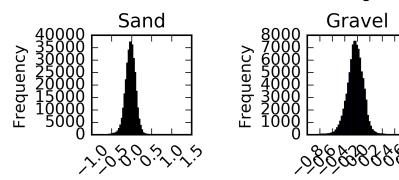
April 2014 Below Gage Pool



(a) Subfigure 1 caption
corr 2 meter grid

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	-0.34	-0.25	-0.218	-0.08	0.053	0.311	-0.015
gravel	-0.352	-0.259	-0.225	-0.09	0.051	0.104	0.024
boulders	-0.409	-0.325	-0.288	-0.142	0.006	0.041	-0.017

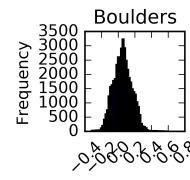
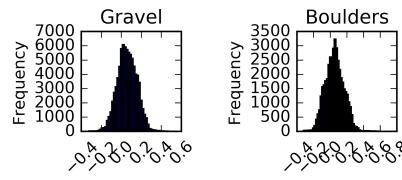
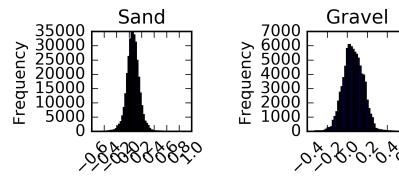
(b) Subfigure 2 caption



(c) Subfigure 3 caption
corr 3 meter grid

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	-0.179	-0.125	-0.105	-0.027	0.047	4.964	0.343
gravel	-0.189	-0.129	-0.108	-0.031	0.046	0.942	-0.233
boulders	-0.211	-0.155	-0.135	-0.05	0.032	0.543	-0.015

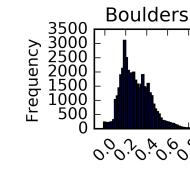
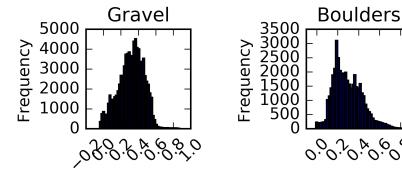
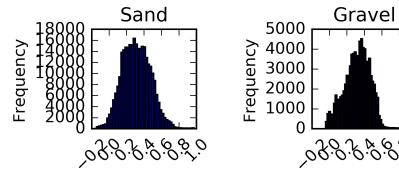
(d) Subfigure 4 caption



(e) Subfigure 5 caption
corr 5 meter grid

	5 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	-0.052	-0.012	0.003	0.06	0.119	2.534	0.209
gravel	-0.065	-0.022	-0.006	0.057	0.125	0.257	0.036
boulders	-0.092	-0.045	-0.024	0.051	0.126	0.311	0.193

(f) Subfigure 6 caption

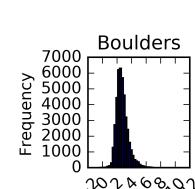
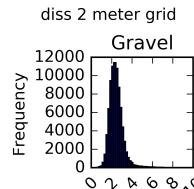
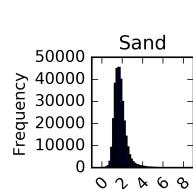


(g) Subfigure 7 caption
corr 10 meter grid

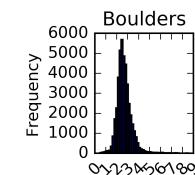
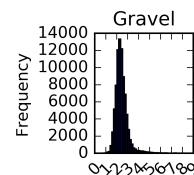
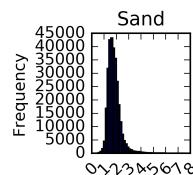
	10 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.11	0.169	0.193	0.306	0.425	-0.01	0.213
gravel	0.108	0.193	0.222	0.332	0.424	-0.218	-0.186
boulders	0.138	0.176	0.189	0.274	0.388	0.311	0.636

(h) Subfigure 8 caption

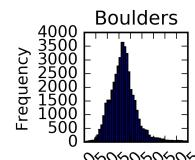
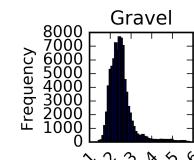
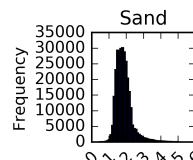
April 2014 Below Gage Pool



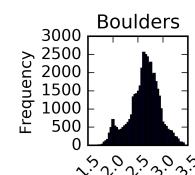
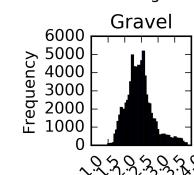
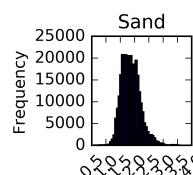
(a) Subfigure 1 caption
diss 2 meter grid



(c) Subfigure 3 caption
diss 5 meter grid



(e) Subfigure 5 caption
diss 10 meter grid



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	1.205	1.353	1.416	1.7	2.04	11.26	2.176
gravel	1.731	1.929	2.007	2.355	2.74	10.185	2.059
boulders	1.832	2.079	2.17	2.583	3.096	9.13	1.754

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	1.293	1.422	1.474	1.724	2.022	10.456	2.214
gravel	1.876	2.044	2.104	2.356	2.663	14.08	2.579
boulders	1.985	2.208	2.284	2.595	2.996	8.96	1.859

(d) Subfigure 4 caption

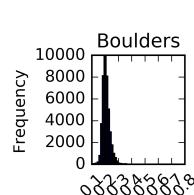
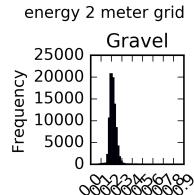
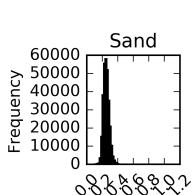
	10%	20%	25%	50%	75%	kurt	skew
sand	1.383	1.493	1.541	1.783	2.044	6.108	1.833
gravel	1.962	2.098	2.162	2.428	2.679	6.947	2.16
boulders	2.011	2.245	2.333	2.664	2.961	2.364	0.895

(f) Subfigure 6 caption

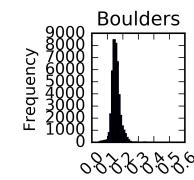
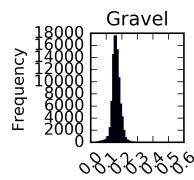
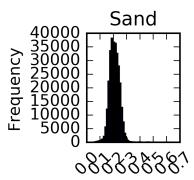
	10%	20%	25%	50%	75%	kurt	skew
sand	1.483	1.583	1.625	1.841	2.069	1.09	0.649
gravel	1.959	2.133	2.196	2.421	2.646	0.88	0.784
boulders	2.197	2.411	2.465	2.655	2.823	0.1	-0.367

(h) Subfigure 8 caption

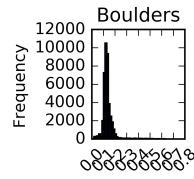
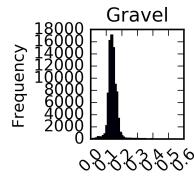
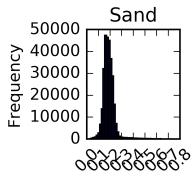
April 2014 Below Gage Pool



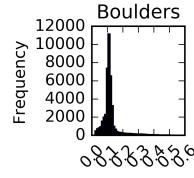
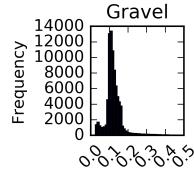
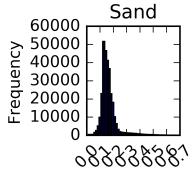
(a) Subfigure 1 caption
energy 2 meter grid



(c) Subfigure 3 caption
energy 5 meter grid



(e) Subfigure 5 caption
energy 10 meter grid



(g) Subfigure 7 caption

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.207	0.22	0.225	0.249	0.275	28.136	2.39
gravel	0.183	0.191	0.195	0.21	0.23	51.531	4.326
boulders	0.179	0.187	0.19	0.204	0.221	25.447	2.535

(b) Subfigure 2 caption

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.166	0.179	0.184	0.207	0.233	4.734	0.594
gravel	0.138	0.146	0.15	0.163	0.178	22.273	1.894
boulders	0.129	0.137	0.14	0.153	0.168	17.209	1.943

(d) Subfigure 4 caption

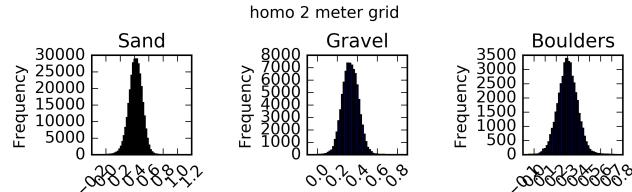
	5 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.143	0.156	0.16	0.184	0.21	18.691	2.985
gravel	0.115	0.122	0.125	0.138	0.153	21.478	2.232
boulders	0.101	0.11	0.113	0.128	0.145	24.468	4.189

(f) Subfigure 6 caption

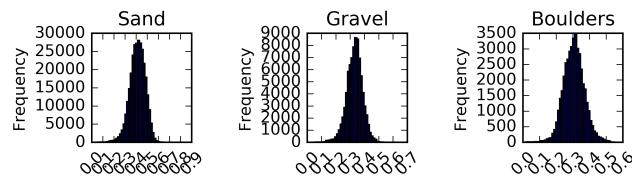
	10 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.115	0.126	0.129	0.15	0.177	12.106	2.853
gravel	0.087	0.1	0.102	0.115	0.136	10.386	2.066
boulders	0.073	0.094	0.099	0.11	0.122	12.232	3.019

(h) Subfigure 8 caption

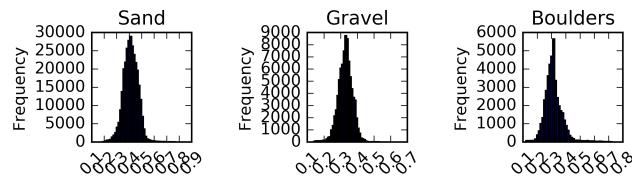
April 2014 Below Gage Pool



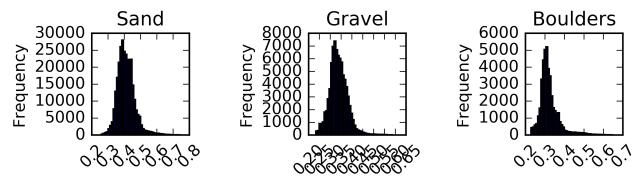
(a) Subfigure 1 caption
homo 3 meter grid



(c) Subfigure 3 caption
homo 5 meter grid



(e) Subfigure 5 caption
homo 10 meter grid



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.3	0.341	0.357	0.416	0.474	0.742	-0.183
gravel	0.231	0.264	0.277	0.329	0.383	0.523	0.068
boulders	0.192	0.231	0.246	0.301	0.358	0.622	0.102

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.326	0.358	0.369	0.415	0.46	0.927	-0.417
gravel	0.263	0.288	0.296	0.333	0.365	1.208	-0.334
boulders	0.23	0.255	0.265	0.306	0.344	0.732	0.061

(d) Subfigure 4 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.343	0.365	0.374	0.412	0.451	2.221	0.278
gravel	0.277	0.295	0.302	0.329	0.355	1.378	-0.235
boulders	0.249	0.269	0.278	0.308	0.341	5.963	1.517

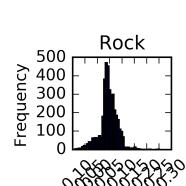
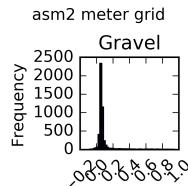
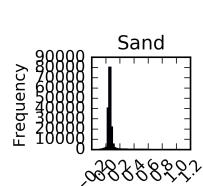
(f) Subfigure 6 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.352	0.369	0.376	0.406	0.44	3.654	1.168
gravel	0.291	0.307	0.311	0.335	0.363	3.136	0.945
boulders	0.277	0.289	0.293	0.311	0.337	6.471	2.062

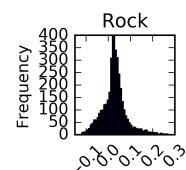
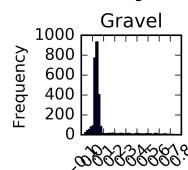
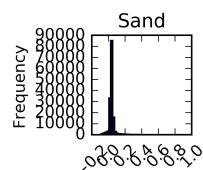
(h) Subfigure 8 caption

1

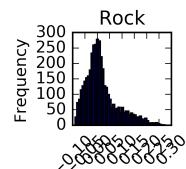
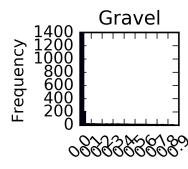
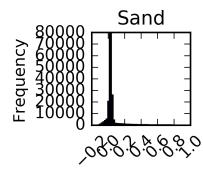
May 2014 Gage Pool



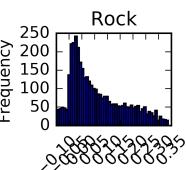
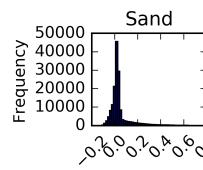
(a) Subfigure 1 caption



(c) Subfigure 3 caption



(e) Subfigure 5 caption



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.036	0.042	0.044	0.053	0.065	92.732	7.884
gravel	0.04	0.045	0.047	0.057	0.069	25.412	4.753
rock	0.001	0.027	0.031	0.045	0.066	2.365	-0.104

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.02	0.026	0.028	0.036	0.045	48.936	5.799
gravel	0.015	0.025	0.026	0.035	0.051	12.305	3.469
rock	-0.039	-0.011	-0.0	0.026	0.049	2.0	0.619

(d) Subfigure 4 caption

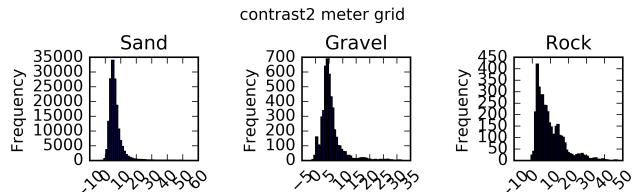
	10%	20%	25%	50%	75%	kurt	skew
sand	0.003	0.016	0.018	0.027	0.038	22.992	4.27
gravel	0.019	0.02	0.02	0.026	0.053	3.838	2.19
rock	-0.054	-0.034	-0.026	0.003	0.042	1.047	1.113

(f) Subfigure 6 caption

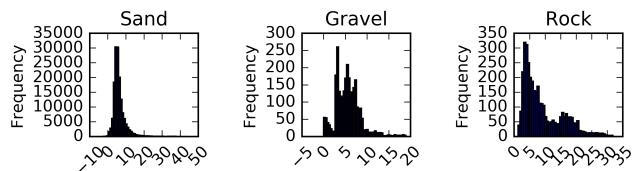
	10%	20%	25%	50%	75%	kurt	skew
sand	-0.027	-0.004	0.003	0.019	0.038	10.307	2.848
gravel	nan	nan	nan	nan	nan	nan	nan
rock	-0.044	-0.029	-0.023	0.029	0.131	-0.416	0.781

(h) Subfigure 8 caption

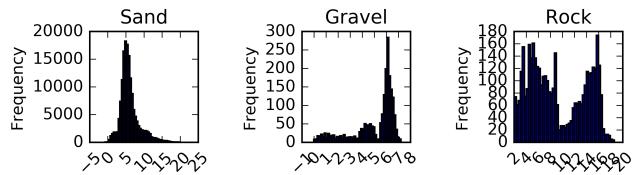
May 2014 Gage Pool



(a) Subfigure 1 caption
contrast3 meter grid



(c) Subfigure 3 caption
contrast5 meter grid



(e) Subfigure 5 caption
contrast10 meter grid



(g) Subfigure 7 caption

2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	2.832	3.643	3.964	5.409	7.367	20.74	3.365
gravel	2.331	3.303	3.544	4.722	6.341	9.868	2.552
rock	2.539	3.458	4.058	7.498	13.548	2.253	1.437

(b) Subfigure 2 caption

3 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	3.398	4.064	4.318	5.436	7.098	11.317	2.461
gravel	2.776	3.173	3.429	5.365	7.119	2.489	0.958
rock	3.158	3.866	4.222	6.97	13.455	0.402	1.087

(d) Subfigure 4 caption

5 meter grid

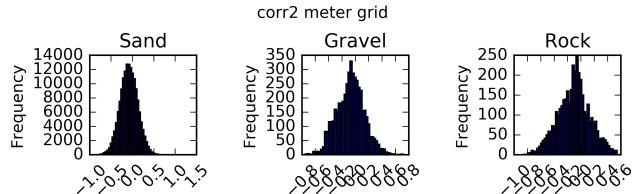
	10%	20%	25%	50%	75%	kurt	skew
sand	3.521	4.231	4.456	5.464	6.878	3.125	1.429
gravel	1.844	3.862	4.256	5.885	6.216	0.521	-1.284
rock	3.575	4.71	5.177	8.249	14.005	-1.412	0.211

(f) Subfigure 6 caption

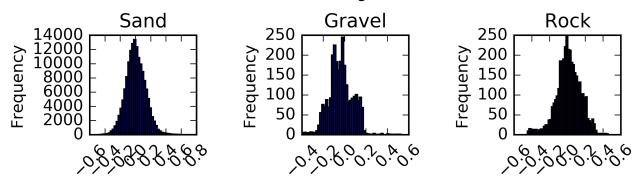
10 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	3.641	4.259	4.454	5.317	6.702	1.301	0.843
gravel	nan	nan	nan	nan	nan	nan	nan
rock	4.568	5.449	5.835	7.134	8.601	-0.398	0.354

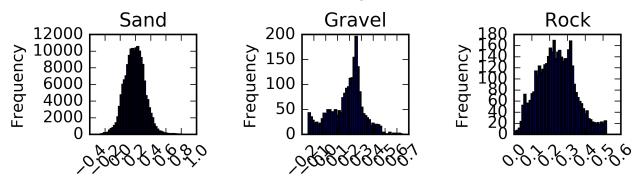
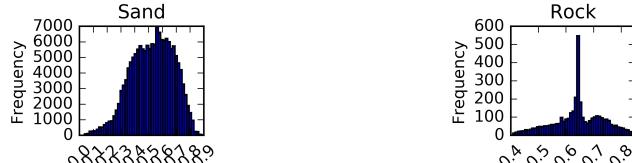
(h) Subfigure 8 caption

May 2014 Gage Pool

(a) Subfigure 1 caption



(c) Subfigure 3 caption

(e) Subfigure 5 caption
corr10 meter grid

(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.342	-0.252	-0.219	-0.084	0.056	0.106	0.039
gravel	-0.346	-0.25	-0.21	-0.066	0.062	0.05	0.05
rock	-0.418	-0.303	-0.259	-0.093	0.044	-0.119	-0.024

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.155	-0.1	-0.08	-0.003	0.085	0.634	0.226
gravel	-0.176	-0.118	-0.105	-0.039	0.037	0.666	0.192
rock	-0.151	-0.086	-0.068	0.011	0.101	0.637	-0.294

(d) Subfigure 4 caption

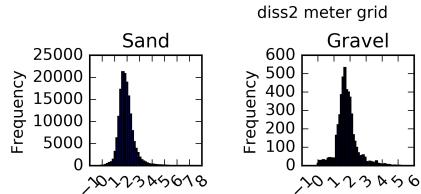
	10%	20%	25%	50%	75%	kurt	skew
sand	0.026	0.08	0.102	0.189	0.274	0.546	0.169
gravel	-0.024	0.051	0.087	0.21	0.266	-0.068	-0.355
rock	0.104	0.146	0.163	0.236	0.31	-0.3	0.241

(f) Subfigure 6 caption

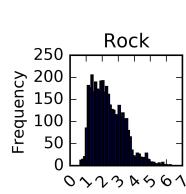
	10%	20%	25%	50%	75%	kurt	skew
sand	0.324	0.389	0.415	0.537	0.645	-0.427	-0.3
gravel	nan	nan	nan	nan	nan	nan	nan
rock	0.514	0.573	0.593	0.644	0.707	-0.206	-0.261

(h) Subfigure 8 caption

May 2014 Gage Pool

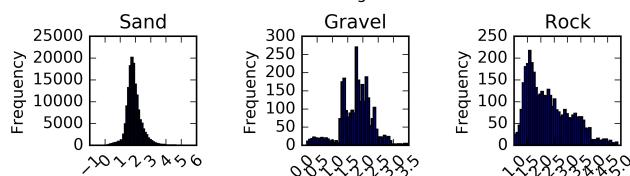


(a) Subfigure 1 caption
diss2 meter grid

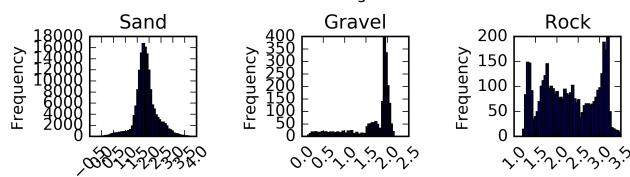


(b) Subfigure 2 caption
2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	1.319	1.495	1.561	1.843	2.182	6.0	1.458
gravel	1.191	1.401	1.469	1.721	2.03	3.443	0.893
rock	1.244	1.473	1.594	2.213	3.021	0.364	0.769



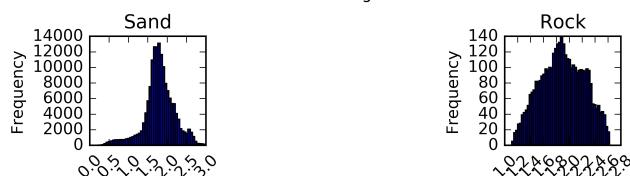
(c) Subfigure 3 caption
diss3 meter grid



(d) Subfigure 4 caption
3 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	1.425	1.573	1.627	1.838	2.114	3.329	0.822
gravel	1.257	1.371	1.422	1.813	2.113	0.853	-0.419
rock	1.411	1.56	1.623	2.132	2.877	-0.249	0.723

(e) Subfigure 5 caption
diss10 meter grid



(f) Subfigure 6 caption
5 meter grid

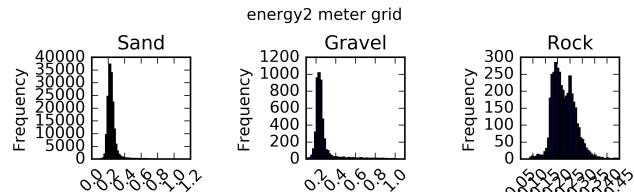
	10%	20%	25%	50%	75%	kurt	skew
sand	1.433	1.592	1.64	1.83	2.059	1.929	0.081
gravel	0.731	1.374	1.578	1.916	1.972	1.166	-1.555
rock	1.39	1.674	1.755	2.256	2.924	-1.316	0.025

(g) Subfigure 7 caption
10 meter grid

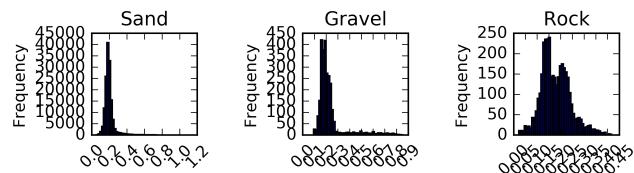
	10%	20%	25%	50%	75%	kurt	skew
sand	1.377	1.568	1.615	1.792	2.018	1.435	-0.473
gravel	nan	nan	nan	nan	nan	nan	nan
rock	1.434	1.578	1.641	1.89	2.16	-0.772	-0.026

(h) Subfigure 8 caption
10 meter grid

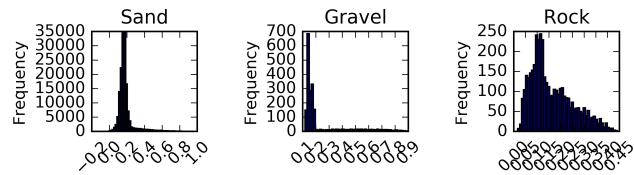
May 2014 Gage Pool



(a) Subfigure 1 caption
energy2 meter grid



(c) Subfigure 3 caption
energy5 meter grid



(e) Subfigure 5 caption
energy10 meter grid



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.194	0.206	0.21	0.23	0.254	34.71	4.597
gravel	0.203	0.213	0.217	0.237	0.261	16.139	3.751
rock	0.175	0.186	0.192	0.22	0.255	0.849	0.54

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.149	0.165	0.17	0.189	0.211	24.014	4.03
gravel	0.153	0.163	0.168	0.194	0.231	8.079	2.838
rock	0.11	0.129	0.135	0.171	0.218	0.554	0.577

(d) Subfigure 4 caption

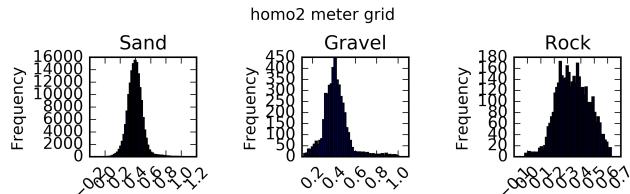
	10%	20%	25%	50%	75%	kurt	skew
sand	0.116	0.135	0.141	0.164	0.187	13.709	3.311
gravel	0.135	0.14	0.141	0.162	0.195	2.242	1.867
rock	0.062	0.086	0.095	0.134	0.218	-0.177	0.789

(f) Subfigure 6 caption

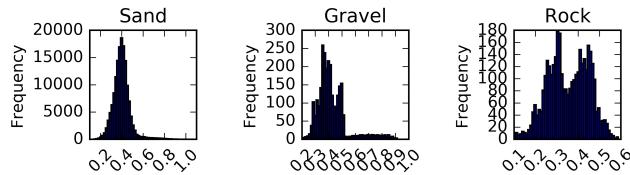
	10%	20%	25%	50%	75%	kurt	skew
sand	0.083	0.099	0.106	0.136	0.176	5.438	2.203
gravel	nan	nan	nan	nan	nan	nan	nan
rock	0.066	0.088	0.104	0.211	0.328	-1.114	0.256

(h) Subfigure 8 caption

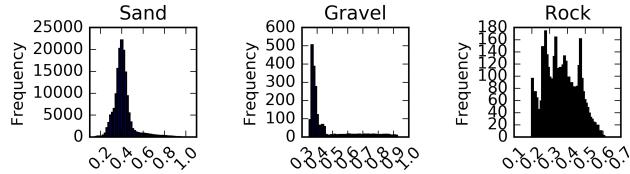
May 2014 Gage Pool



(a) Subfigure 1 caption
homo3 meter grid



(c) Subfigure 3 caption
homo5 meter grid



(e) Subfigure 5 caption
homo10 meter grid



(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.28	0.319	0.333	0.391	0.448	3.014	0.634
gravel	0.296	0.333	0.348	0.406	0.468	4.138	1.359
rock	0.196	0.237	0.253	0.339	0.433	-0.431	-0.002

(b) Subfigure 2 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.307	0.34	0.352	0.395	0.434	6.121	1.425
gravel	0.313	0.347	0.356	0.399	0.47	3.665	1.76
rock	0.235	0.265	0.282	0.353	0.432	-0.776	-0.096

(d) Subfigure 4 caption

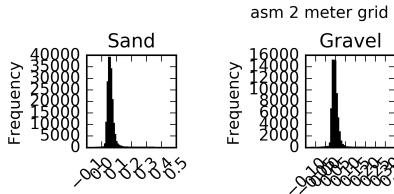
	10%	20%	25%	50%	75%	kurt	skew
sand	0.318	0.354	0.364	0.399	0.433	6.984	1.998
gravel	0.364	0.369	0.371	0.388	0.446	1.652	1.726
rock	0.249	0.276	0.286	0.359	0.44	-0.858	0.188

(f) Subfigure 6 caption

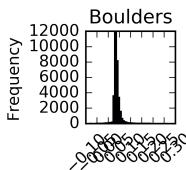
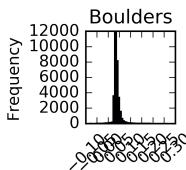
	10%	20%	25%	50%	75%	kurt	skew
sand	0.338	0.362	0.371	0.406	0.447	3.832	1.747
gravel	nan	nan	nan	nan	nan	nan	nan
rock	0.344	0.37	0.383	0.452	0.529	-1.128	0.13

(h) Subfigure 8 caption

September 2014 Gage Pool

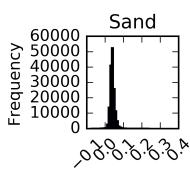


(a) Subfigure 1 caption
asm 2 meter grid

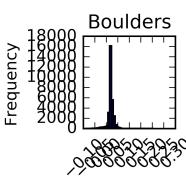
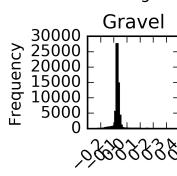


	10%	20%	25%	50%	75%	kurt	skew
sand	0.04	0.046	0.048	0.057	0.067	43.896	4.561
gravel	0.033	0.037	0.038	0.045	0.053	19.43	1.978
boulders	0.029	0.031	0.032	0.036	0.042	30.076	2.944

(b) Subfigure 2 caption

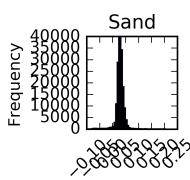


(a) Subfigure 1 caption
asm 3 meter grid

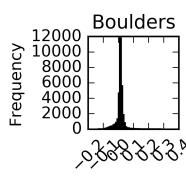
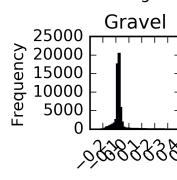


	10%	20%	25%	50%	75%	kurt	skew
sand	0.026	0.03	0.032	0.038	0.046	63.237	4.875
gravel	0.016	0.02	0.022	0.027	0.033	40.485	2.116
boulders	0.012	0.015	0.016	0.019	0.024	33.497	2.001

(d) Subfigure 4 caption

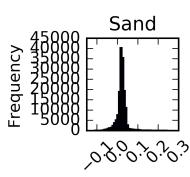


(c) Subfigure 3 caption
asm 5 meter grid

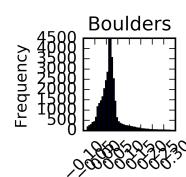
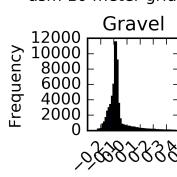


	10%	20%	25%	50%	75%	kurt	skew
sand	0.017	0.021	0.023	0.029	0.036	19.663	0.406
gravel	-0.01	0.01	0.013	0.019	0.026	24.783	3.358
boulders	-0.014	0.004	0.007	0.013	0.019	16.799	1.324

(f) Subfigure 6 caption



(e) Subfigure 5 caption
asm 10 meter grid

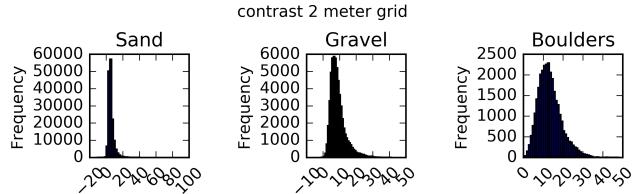


	10%	20%	25%	50%	75%	kurt	skew
sand	-0.003	0.01	0.013	0.021	0.029	12.881	1.074
gravel	-0.045	-0.022	-0.013	0.012	0.029	7.305	2.286
boulders	-0.033	-0.017	-0.01	0.012	0.027	5.102	1.533

(g) Subfigure 7 caption

(h) Subfigure 8 caption

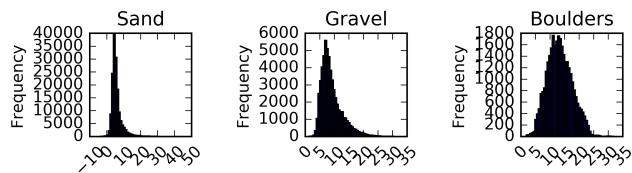
September 2014 Gage Pool



(a) Subfigure 1 caption
contrast 2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	2.726	3.406	3.675	4.899	6.611	44.96	4.436
gravel	4.361	5.361	5.793	7.877	10.701	4.19	1.673
boulders	6.592	8.427	9.161	12.481	16.459	1.401	0.903

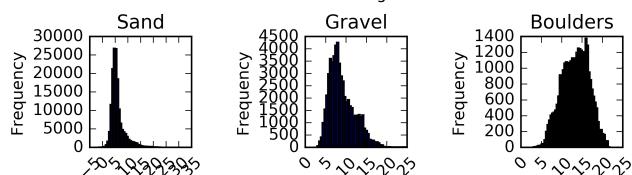
(b) Subfigure 2 caption



(c) Subfigure 3 caption
contrast 5 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	3.234	3.839	4.053	5.036	6.486	12.311	2.648
gravel	5.282	6.127	6.491	8.064	10.621	2.227	1.354
boulders	7.932	9.6	10.258	13.051	16.205	-0.287	0.26

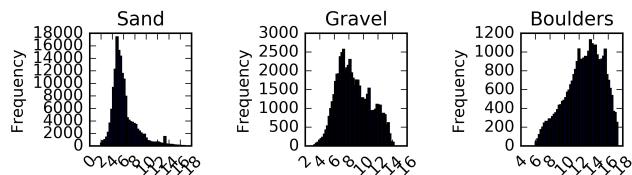
(d) Subfigure 4 caption



(e) Subfigure 5 caption
contrast 10 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	3.6	4.165	4.343	5.278	6.611	7.347	2.229
gravel	5.56	6.323	6.682	8.28	10.958	0.785	0.919
boulders	8.853	10.319	10.879	13.547	15.929	-0.578	-0.136

(f) Subfigure 6 caption

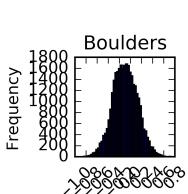
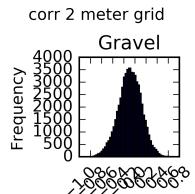
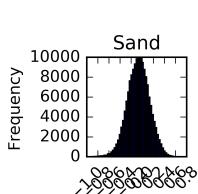


(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	4.089	4.559	4.721	5.486	6.803	3.153	1.611
gravel	5.957	6.666	6.937	8.338	10.404	-0.735	0.311
boulders	9.01	10.488	11.048	13.015	14.709	-0.536	-0.441

(h) Subfigure 8 caption

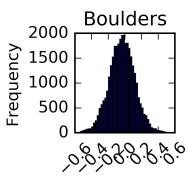
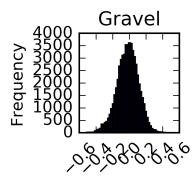
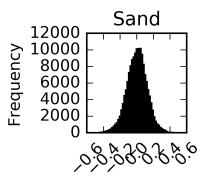
September 2014 Gage Pool



(a) Subfigure 1 caption
corr 2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.315	-0.229	-0.198	-0.066	0.062	0.119	-0.099
gravel	-0.351	-0.255	-0.22	-0.086	0.05	-0.03	-0.098
boulders	-0.367	-0.281	-0.249	-0.098	0.059	-0.113	0.047

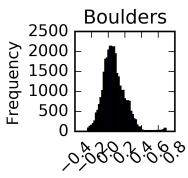
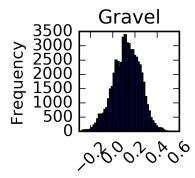
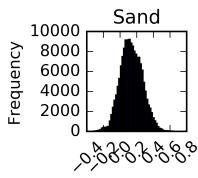
(b) Subfigure 2 caption



(c) Subfigure 3 caption
corr 3 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.148	-0.094	-0.075	0.005	0.081	0.299	-0.091
gravel	-0.18	-0.121	-0.101	-0.015	0.066	0.21	-0.194
boulders	-0.23	-0.158	-0.134	-0.034	0.064	0.164	-0.002

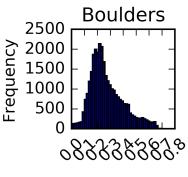
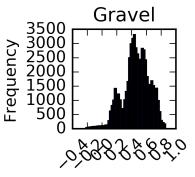
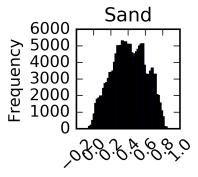
(d) Subfigure 4 caption



(e) Subfigure 5 caption
corr 5 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	-0.025	0.028	0.048	0.132	0.227	-0.039	0.103
gravel	-0.029	0.026	0.045	0.129	0.212	-0.085	-0.189
boulders	-0.081	-0.035	-0.019	0.052	0.14	2.111	0.861

(f) Subfigure 6 caption

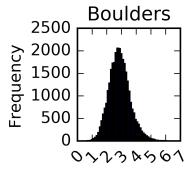
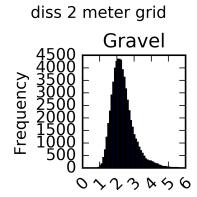
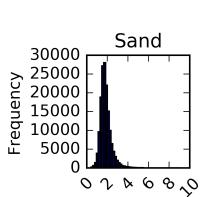


(g) Subfigure 7 caption
corr 10 meter grid

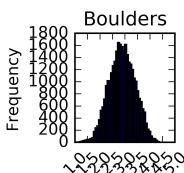
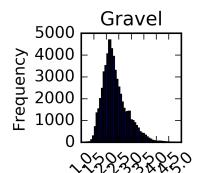
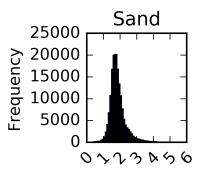
	10%	20%	25%	50%	75%	kurt	skew
sand	0.142	0.231	0.266	0.408	0.559	-0.801	-0.054
gravel	0.198	0.327	0.366	0.469	0.588	0.131	-0.462
boulders	0.136	0.17	0.182	0.243	0.347	0.336	0.835

(h) Subfigure 8 caption

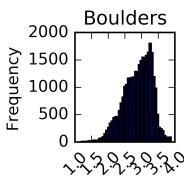
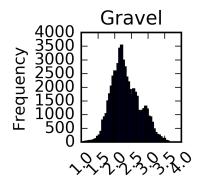
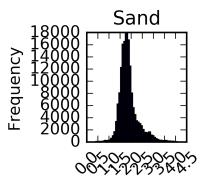
September 2014 Gage Pool



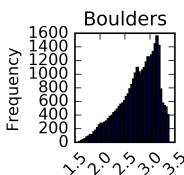
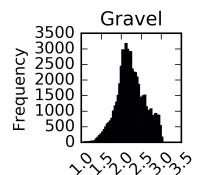
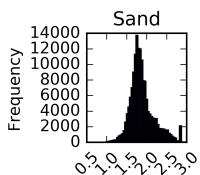
(a) Subfigure 1 caption
diss 2 meter grid



(c) Subfigure 3 caption
diss 5 meter grid



(e) Subfigure 5 caption
diss 10 meter grid



(g) Subfigure 7 caption

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.299	1.451	1.508	1.752	2.064	8.02	1.828
gravel	1.646	1.834	1.907	2.234	2.641	1.735	1.064
boulders	2.012	2.292	2.393	2.833	3.291	0.447	0.402

(b) Subfigure 2 caption

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.408	1.536	1.58	1.767	2.022	4.039	1.424
gravel	1.806	1.952	2.011	2.248	2.597	0.806	0.891
boulders	2.218	2.436	2.526	2.884	3.251	-0.292	-0.053

(d) Subfigure 4 caption

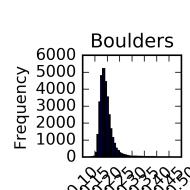
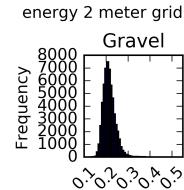
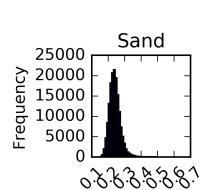
	5 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.475	1.591	1.631	1.804	2.014	3.066	1.329
gravel	1.831	1.973	2.031	2.27	2.609	-0.286	0.384
boulders	2.302	2.519	2.6	2.941	3.214	0.014	-0.527

(f) Subfigure 6 caption

	10 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.567	1.665	1.699	1.827	2.009	1.045	0.868
gravel	1.823	1.978	2.024	2.215	2.468	-0.256	0.07
boulders	2.215	2.45	2.54	2.841	3.074	-0.193	-0.704

(h) Subfigure 8 caption

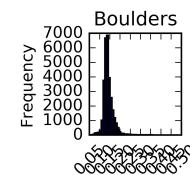
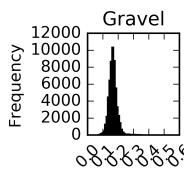
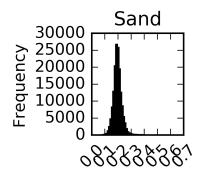
September 2014 Gage Pool



(a) Subfigure 1 caption
energy 2 meter grid

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.202	0.213	0.218	0.237	0.259	13.426	2.226
gravel	0.183	0.192	0.196	0.211	0.229	4.682	1.242
boulders	0.171	0.176	0.179	0.19	0.204	12.795	2.594

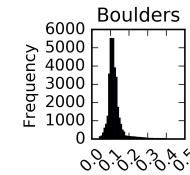
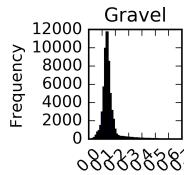
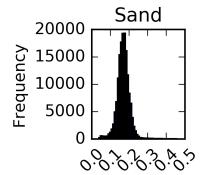
(b) Subfigure 2 caption



(c) Subfigure 3 caption
energy 3 meter grid

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.161	0.174	0.178	0.195	0.213	15.978	2.142
gravel	0.135	0.145	0.149	0.164	0.179	12.327	1.881
boulders	0.12	0.126	0.128	0.138	0.152	18.905	2.984

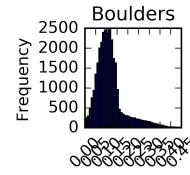
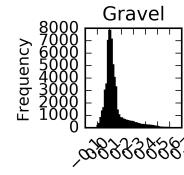
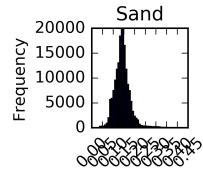
(d) Subfigure 4 caption



(e) Subfigure 5 caption
energy 5 meter grid

	5 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.132	0.146	0.151	0.169	0.187	8.363	1.1
gravel	0.105	0.119	0.123	0.138	0.156	14.8	3.028
boulders	0.091	0.099	0.102	0.113	0.129	14.958	2.966

(f) Subfigure 6 caption

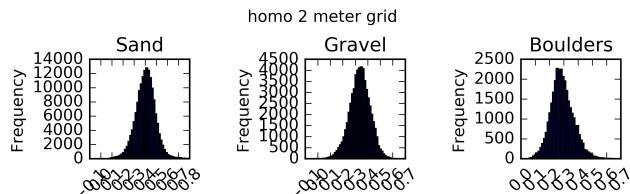


(g) Subfigure 7 caption

	10 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.1	0.115	0.121	0.141	0.159	4.76	1.174
gravel	0.067	0.087	0.092	0.114	0.15	4.564	2.034
boulders	0.051	0.068	0.075	0.104	0.136	3.087	1.557

(h) Subfigure 8 caption

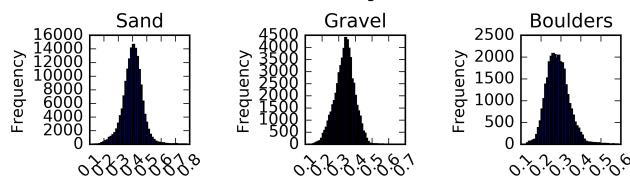
September 2014 Gage Pool



(a) Subfigure 1 caption
homo 2 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.293	0.334	0.348	0.405	0.456	0.896	-0.042
gravel	0.235	0.272	0.285	0.338	0.39	0.198	-0.16
boulders	0.195	0.226	0.238	0.283	0.337	0.557	0.404

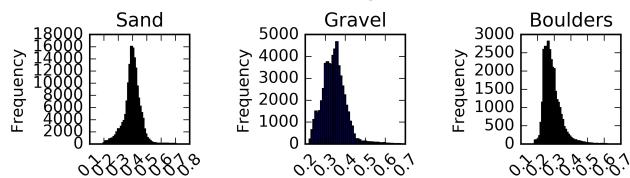
(b) Subfigure 2 caption



(c) Subfigure 3 caption
homo 5 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.32	0.352	0.363	0.403	0.441	1.762	0.052
gravel	0.26	0.29	0.301	0.34	0.374	0.079	-0.148
boulders	0.218	0.238	0.245	0.28	0.317	1.152	0.588

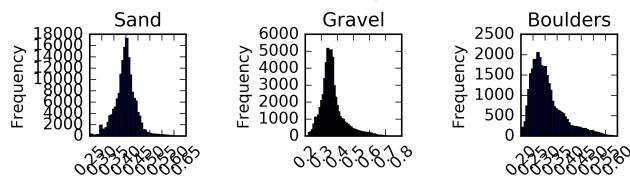
(d) Subfigure 4 caption



(e) Subfigure 5 caption
homo 10 meter grid

	10%	20%	25%	50%	75%	kurt	skew
sand	0.323	0.361	0.371	0.4	0.429	2.284	-0.107
gravel	0.273	0.298	0.305	0.342	0.375	2.48	0.846
boulders	0.236	0.246	0.251	0.277	0.31	3.903	1.519

(f) Subfigure 6 caption

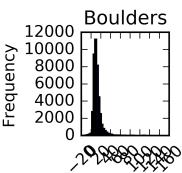
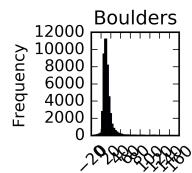
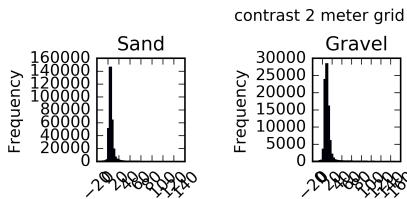


(g) Subfigure 7 caption

	10%	20%	25%	50%	75%	kurt	skew
sand	0.345	0.368	0.376	0.399	0.42	1.846	0.217
gravel	0.293	0.318	0.326	0.355	0.391	2.443	1.319
boulders	0.24	0.255	0.26	0.292	0.336	1.429	1.253

(h) Subfigure 8 caption

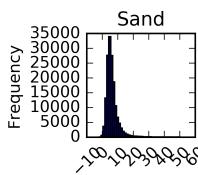
Contrast 2 meter grid resolution



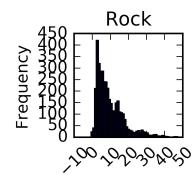
	10%	20%	25%	50%	75%	kurt	skew
sand	2.341	2.989	3.263	4.683	6.639	77.715	5.898
gravel	4.818	5.988	6.476	8.771	11.698	59.021	5.938
boulders	5.314	6.836	7.463	10.493	14.542	40.728	4.071

(a) April 2014
contrast 2 meter grid

(b) April 2014



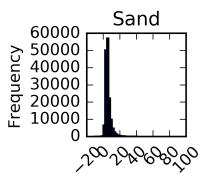
Gravel



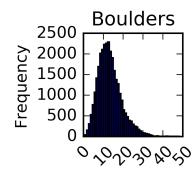
	10%	20%	25%	50%	75%	kurt	skew
sand	2.832	3.643	3.964	5.409	7.367	20.74	3.365
gravel	2.331	3.303	3.544	4.722	6.341	9.868	2.552
rock	2.539	3.458	4.058	7.498	13.548	2.253	1.437

(c) May 2014
contrast 2 meter grid

(d) May 2014



Gravel

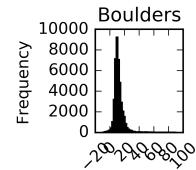
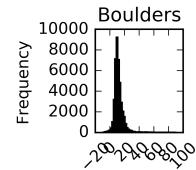
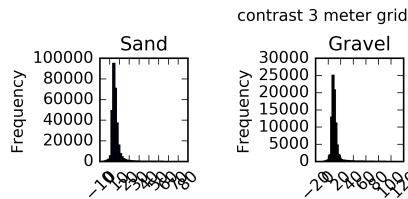


	10%	20%	25%	50%	75%	kurt	skew
sand	2.726	3.406	3.675	4.899	6.611	44.96	4.436
gravel	4.361	5.361	5.793	7.877	10.701	4.19	1.673
boulders	6.592	8.427	9.161	12.481	16.459	1.401	0.903

(e) September 2014

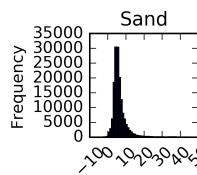
(f) September 2014

Contrast: 3 meter grid resolution

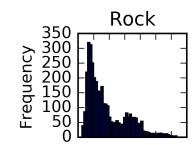
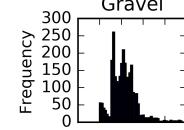


	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	2.67	3.293	3.563	4.898	6.689	33.78	4.373
gravel	5.65	6.719	7.124	8.965	11.286	38.819	4.972
boulders	6.407	7.916	8.461	10.749	14.061	24.142	3.667

(a) April 2014
contrast 3 meter grid



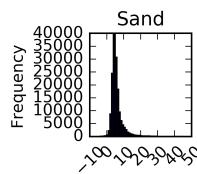
contrast 3 meter grid



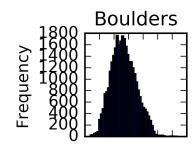
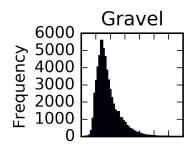
(b) April 2014

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	3.398	4.064	4.318	5.436	7.098	11.317	2.461
gravel	2.776	3.173	3.429	5.365	7.119	2.489	0.958
rock	3.158	3.866	4.222	6.97	13.455	0.402	1.087

(c) May 2014
contrast 3 meter grid



contrast 3 meter grid



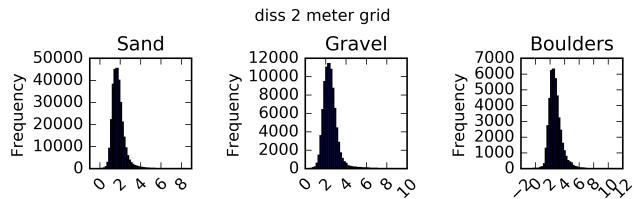
(d) May 2014

	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	3.234	3.839	4.053	5.036	6.486	12.311	2.648
gravel	5.282	6.127	6.491	8.064	10.621	2.227	1.354
boulders	7.932	9.6	10.258	13.051	16.205	-0.287	0.26

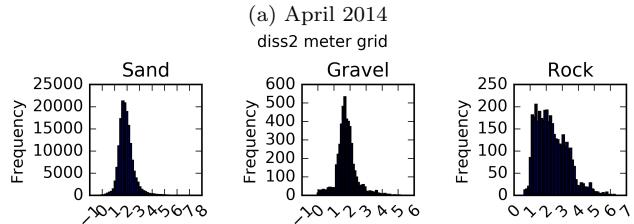
(e) September 2014

(f) September 2014

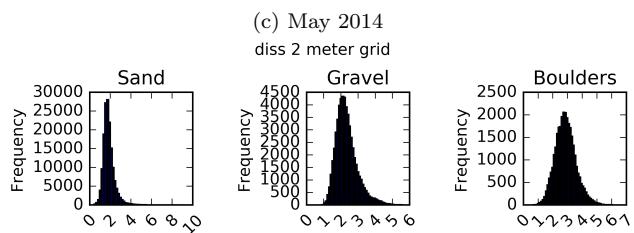
Dissimilarity: 2 meter grid resolution



	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.205	1.353	1.416	1.7	2.04	11.26	2.176
gravel	1.731	1.929	2.007	2.355	2.74	10.185	2.059
boulders	1.832	2.079	2.17	2.583	3.096	9.13	1.754



	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.319	1.495	1.561	1.843	2.182	6.0	1.458
gravel	1.191	1.401	1.469	1.721	2.03	3.443	0.893
rock	1.244	1.473	1.594	2.213	3.021	0.364	0.769

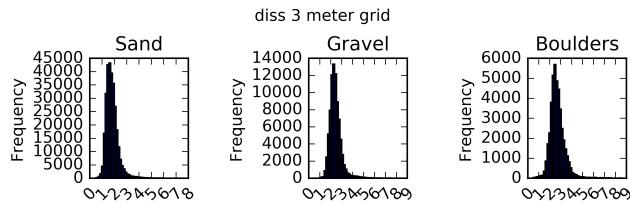


	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.299	1.451	1.508	1.752	2.064	8.02	1.828
gravel	1.646	1.834	1.907	2.234	2.641	1.735	1.064
boulders	2.012	2.292	2.393	2.833	3.291	0.447	0.402

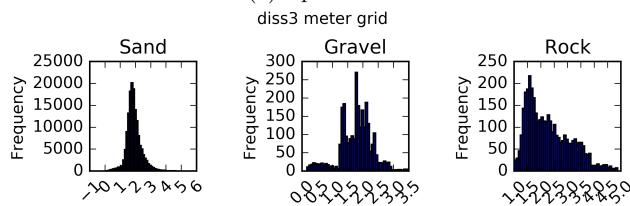
(e) September 2014

(f) September 2014

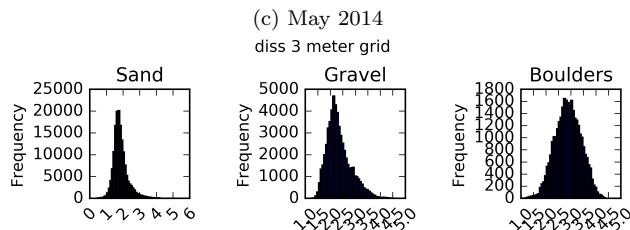
Dissimilarity: 3 meter grid resolution



	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.293	1.422	1.474	1.724	2.022	10.456	2.214
gravel	1.876	2.044	2.104	2.356	2.663	14.08	2.579
boulders	1.985	2.208	2.284	2.595	2.996	8.96	1.859



	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.425	1.573	1.627	1.838	2.114	3.329	0.822
gravel	1.257	1.371	1.422	1.813	2.113	0.853	-0.419
rock	1.411	1.56	1.623	2.132	2.877	-0.249	0.723

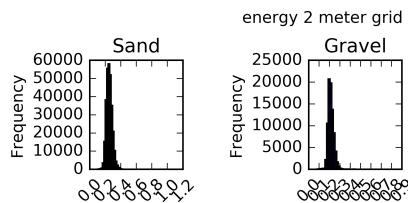


	3 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	1.408	1.536	1.58	1.767	2.022	4.039	1.424
gravel	1.806	1.952	2.011	2.248	2.597	0.806	0.891
boulders	2.218	2.436	2.526	2.884	3.251	-0.292	-0.053

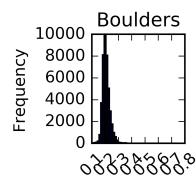
(e) September 2014

(f) September 2014

Energy: 2 meter grid resolution

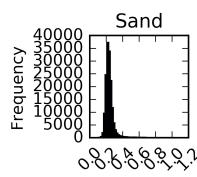


(a) April 2014
energy 2 meter grid

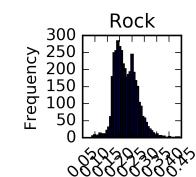


	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.207	0.22	0.225	0.249	0.275	28.136	2.39
gravel	0.183	0.191	0.195	0.21	0.23	51.531	4.326
boulders	0.179	0.187	0.19	0.204	0.221	25.447	2.535

(b) April 2014

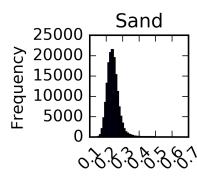


(c) May 2014
energy 2 meter grid

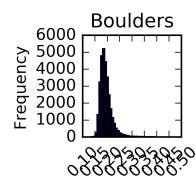


	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.194	0.206	0.21	0.23	0.254	34.71	4.597
gravel	0.203	0.213	0.217	0.237	0.261	16.139	3.751
rock	0.175	0.186	0.192	0.22	0.255	0.849	0.54

(d) May 2014



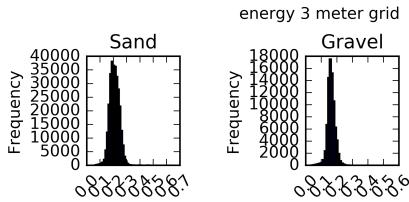
(e) September 2014



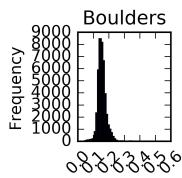
	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.202	0.213	0.218	0.237	0.259	13.426	2.226
gravel	0.183	0.192	0.196	0.211	0.229	4.682	1.242
boulders	0.171	0.176	0.179	0.19	0.204	12.795	2.594

(f) September 2014

Energy: 3 meter grid resolution

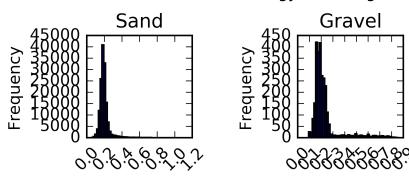


(a) April 2014
energy 3 meter grid

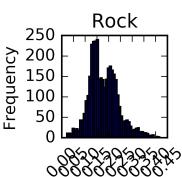


	10%	20%	25%	50%	75%	kurt	skew
sand	0.166	0.179	0.184	0.207	0.233	4.734	0.594
gravel	0.138	0.146	0.15	0.163	0.178	22.273	1.894
boulders	0.129	0.137	0.14	0.153	0.168	17.209	1.943

(b) April 2014

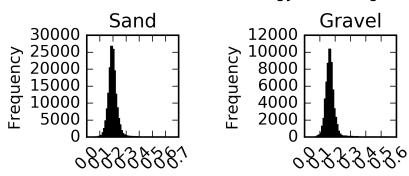


(c) May 2014
energy 3 meter grid

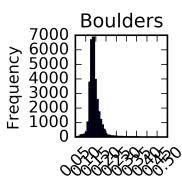


	10%	20%	25%	50%	75%	kurt	skew
sand	0.149	0.165	0.17	0.189	0.211	24.014	4.03
gravel	0.153	0.163	0.168	0.194	0.231	8.079	2.838
rock	0.11	0.129	0.135	0.171	0.218	0.554	0.577

(d) May 2014



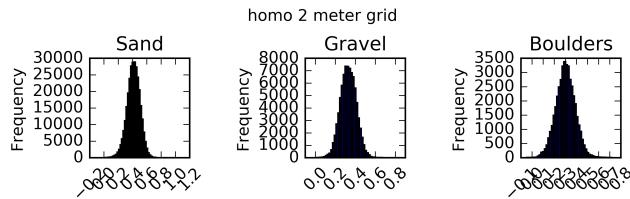
(e) September 2014



	10%	20%	25%	50%	75%	kurt	skew
sand	0.161	0.174	0.178	0.195	0.213	15.978	2.142
gravel	0.135	0.145	0.149	0.164	0.179	12.327	1.881
boulders	0.12	0.126	0.128	0.138	0.152	18.905	2.984

(f) September 2014

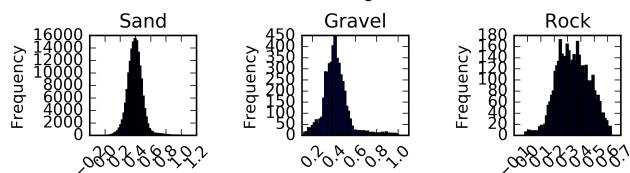
Homogeneity: 2 meter grid resolution



(a) April 2014
homo2 meter grid

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.3	0.341	0.357	0.416	0.474	0.742	-0.183
gravel	0.231	0.264	0.277	0.329	0.383	0.523	0.068
boulders	0.192	0.231	0.246	0.301	0.358	0.622	0.102

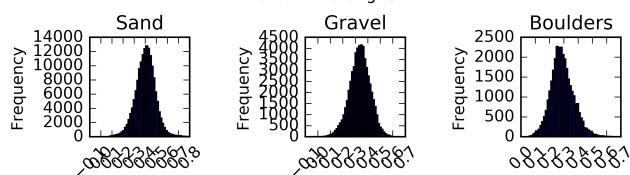
(b) April 2014



(c) May 2014
homo2 meter grid

	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.28	0.319	0.333	0.391	0.448	3.014	0.634
gravel	0.296	0.333	0.348	0.406	0.468	4.138	1.359
rock	0.196	0.237	0.253	0.339	0.433	-0.431	-0.002

(d) May 2014

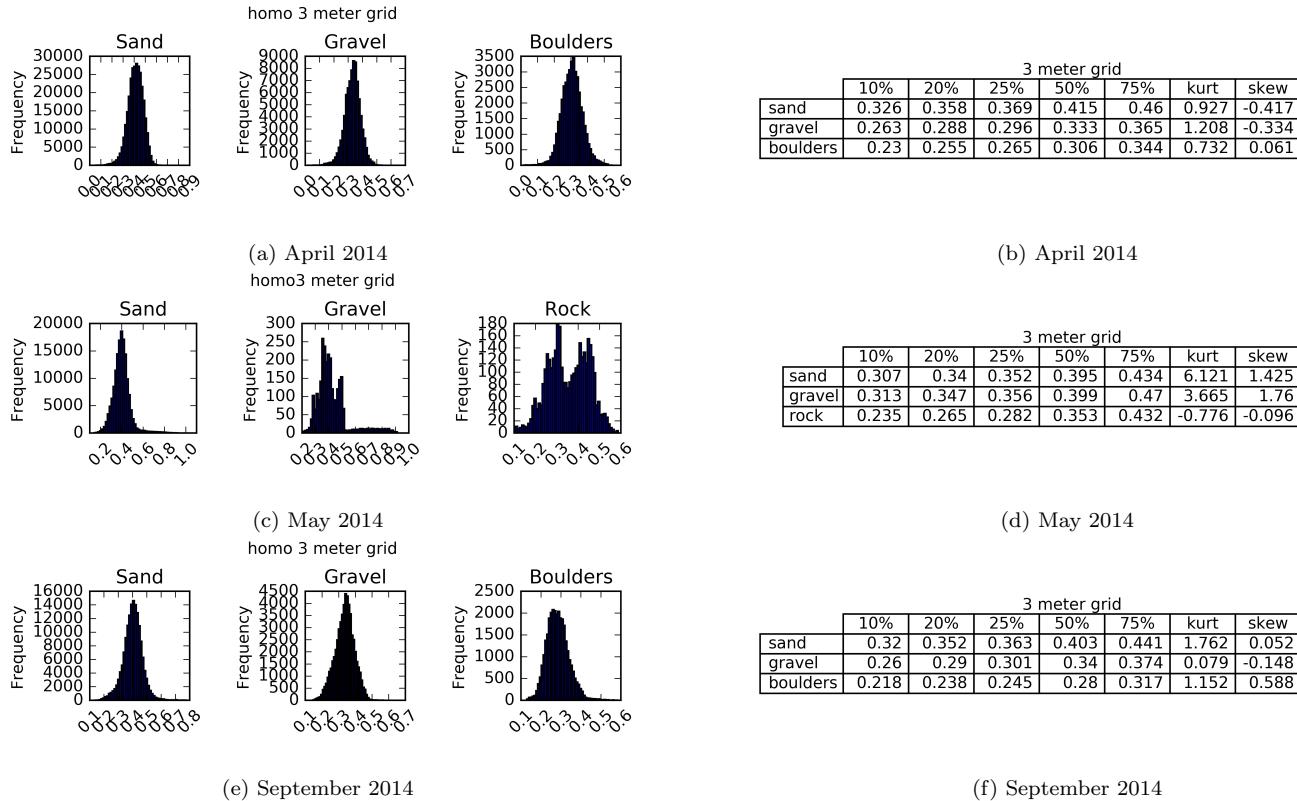


(e) September 2014

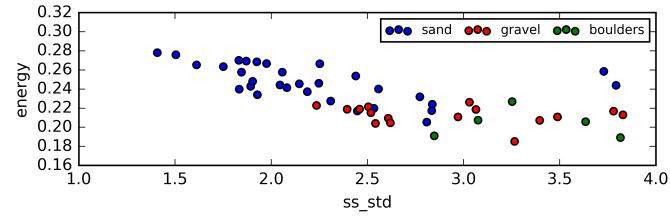
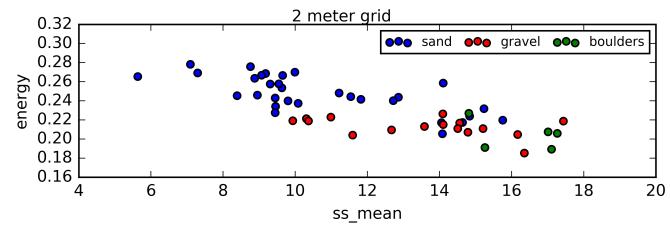
	2 meter grid						
	10%	20%	25%	50%	75%	kurt	skew
sand	0.293	0.334	0.348	0.405	0.456	0.896	-0.042
gravel	0.235	0.272	0.285	0.338	0.39	0.198	-0.16
boulders	0.195	0.226	0.238	0.283	0.337	0.557	0.404

(f) September 2014

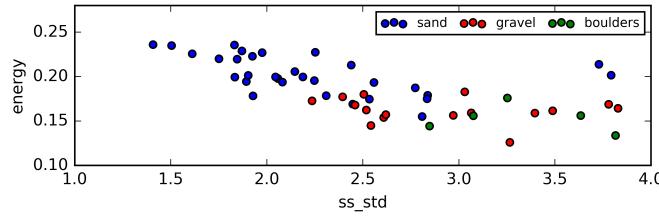
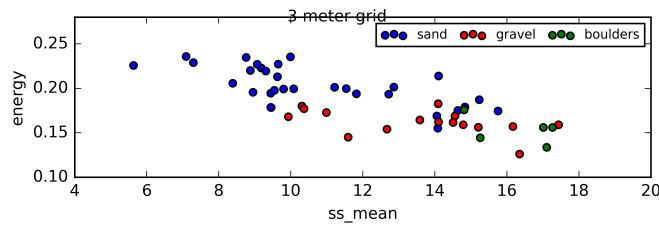
Homogeneity: 3 meter grid resolution



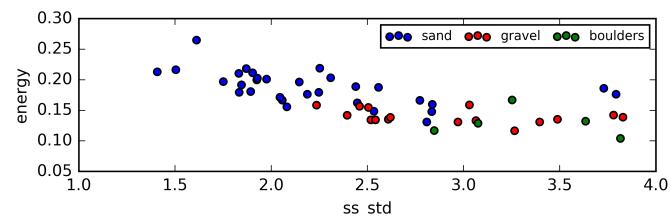
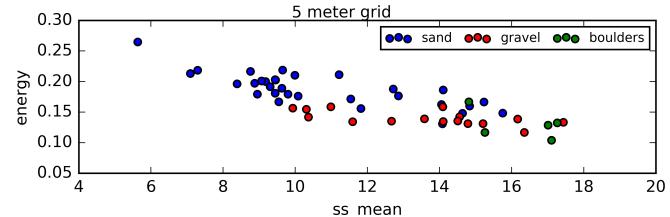
Energy Sidescan Comparison



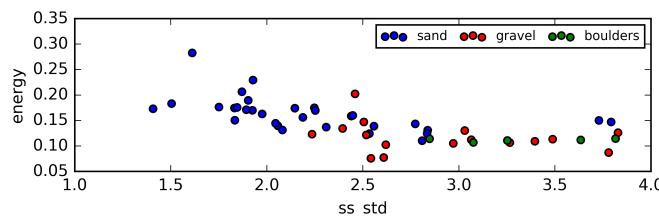
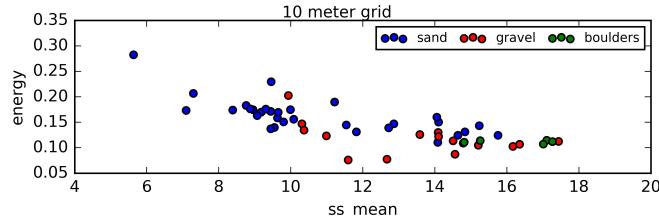
(a) April 2014: 2 meter grid



(b) April 2014: 3 meter grid

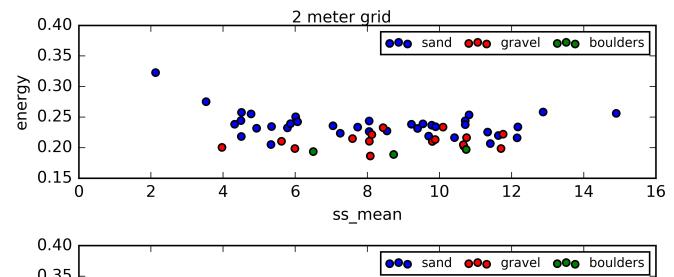


(c) April 2014: 5 meter grid

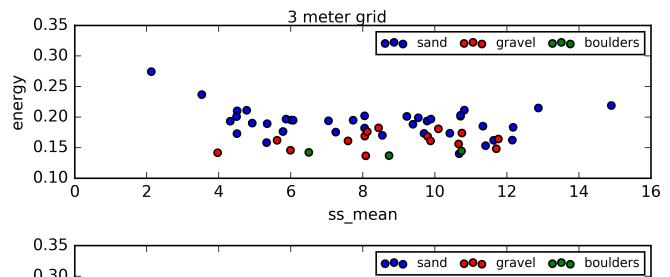


(d) April 2014: 10 meter grid

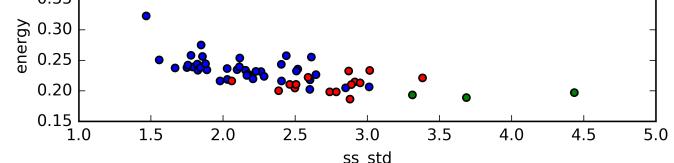
Energy Sidescan Comparison



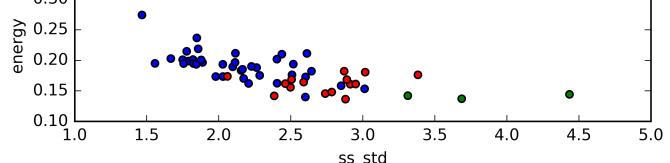
(a) September 2014: 2 meter grid



(b) September 2014: 3 meter grid

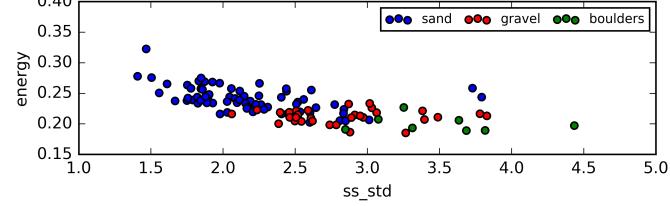
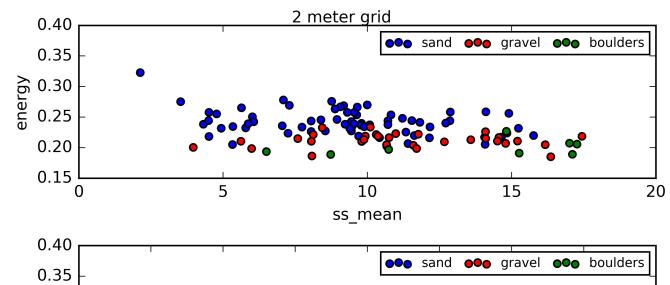


(c) September 2014: 5 meter grid

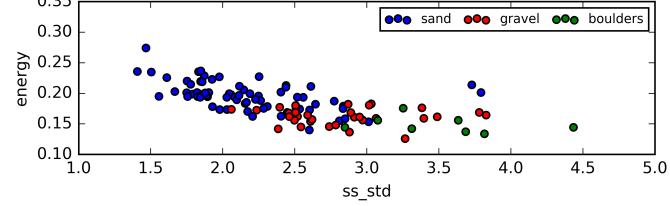
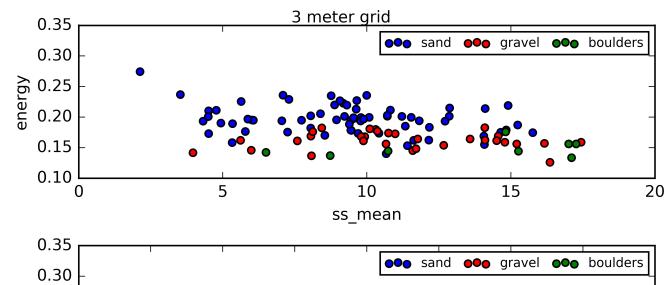


(d) September 2014: 10 meter grid

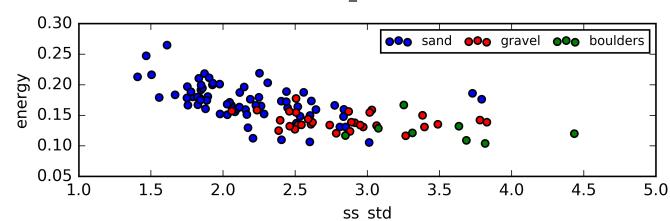
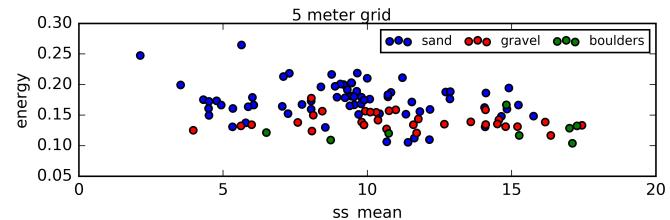
Energy Sidescan Comparison



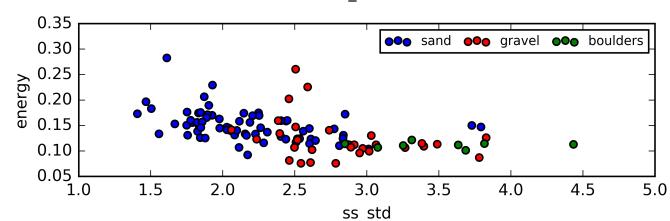
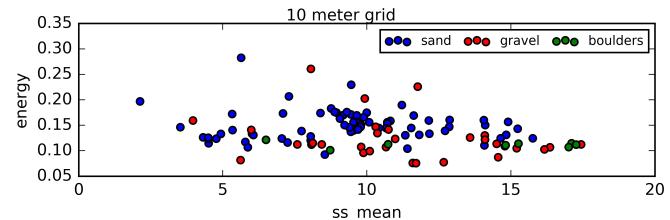
(a) April + September 2014: 2 meter grid



(b) April + September 2014: 3 meter grid

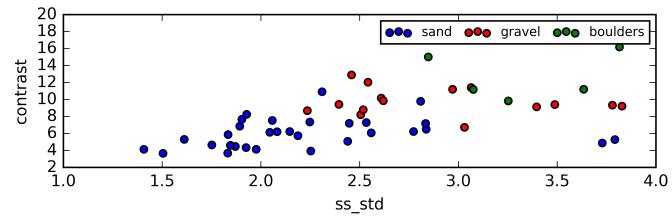
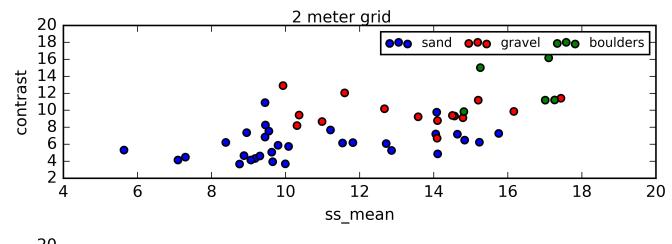


(c) April + September 2014: 5 meter grid

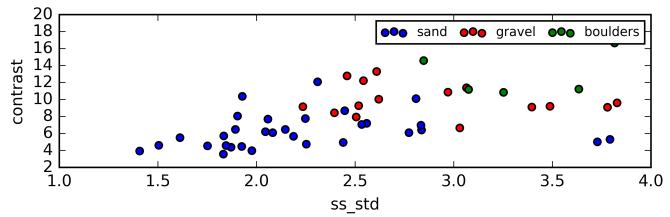
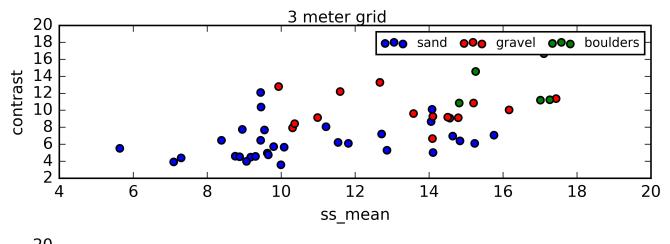


(d) April + September 2014: 10 meter grid

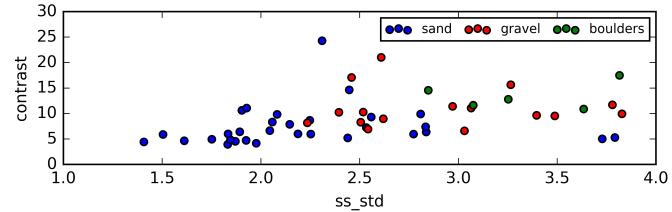
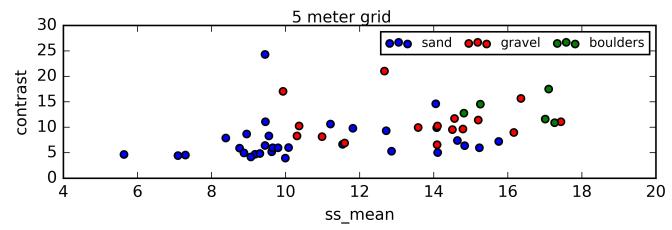
Contrast Sidescan Comparison



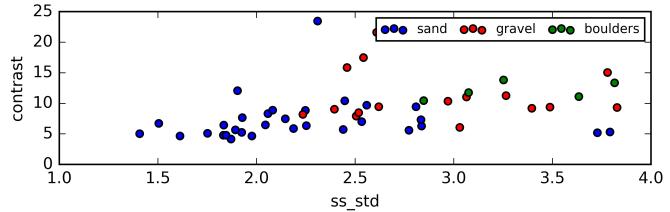
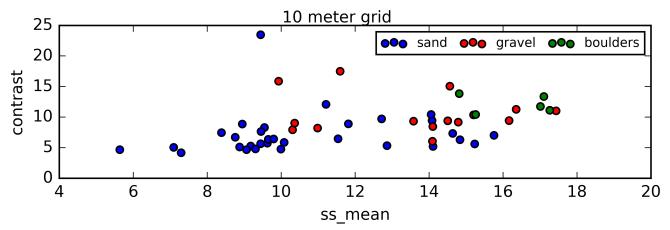
(a) April 2014: 2 meter grid



(b) April 2014: 3 meter grid

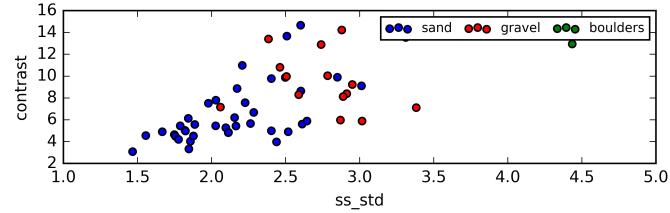
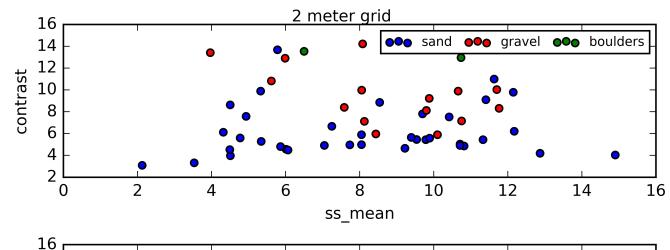


(c) April 2014: 5 meter grid

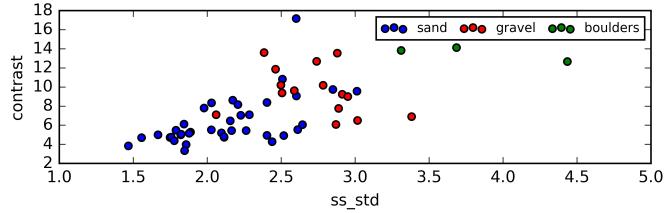
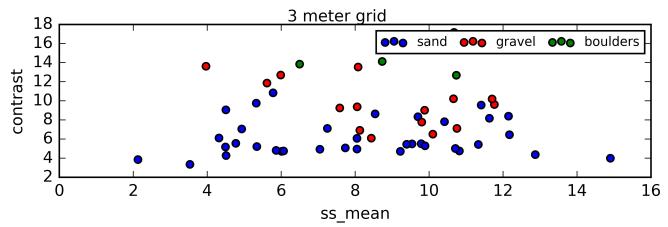


(d) April 2014: 10 meter grid

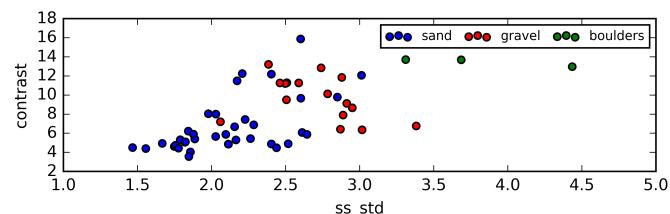
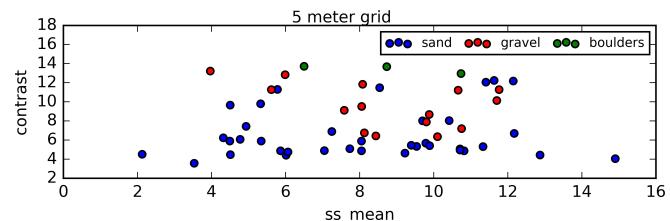
Contrast Sidescan Comparison



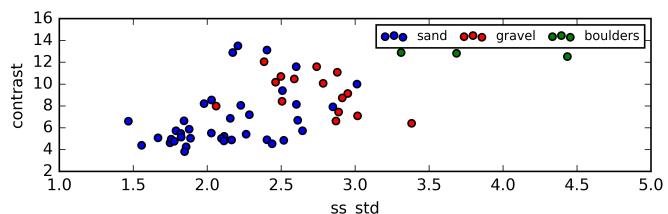
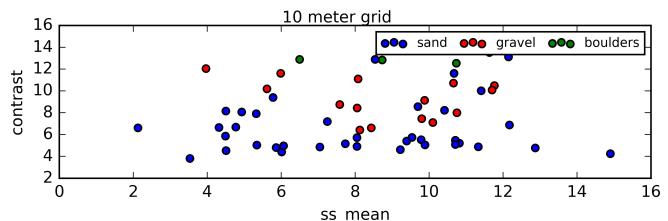
(a) September 2014: 2 meter grid



(b) September 2014: 3 meter grid

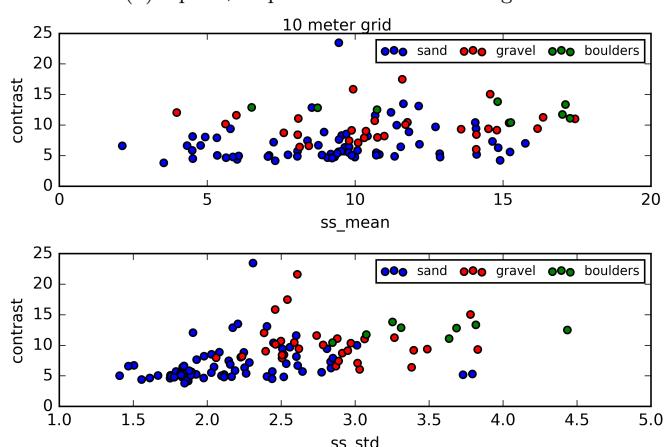
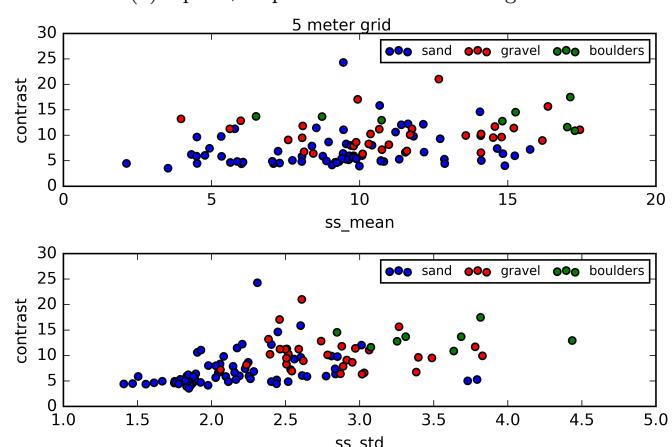
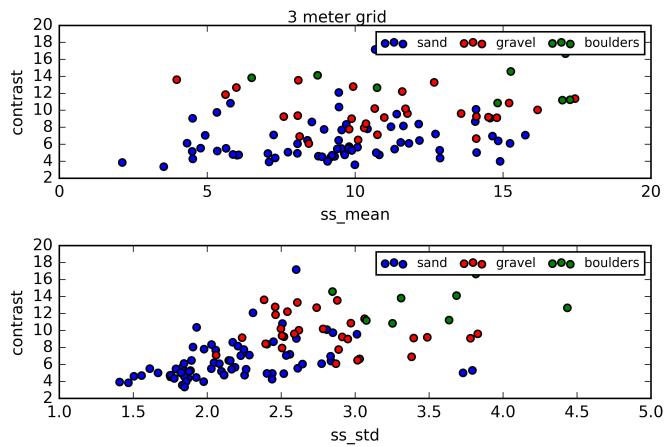
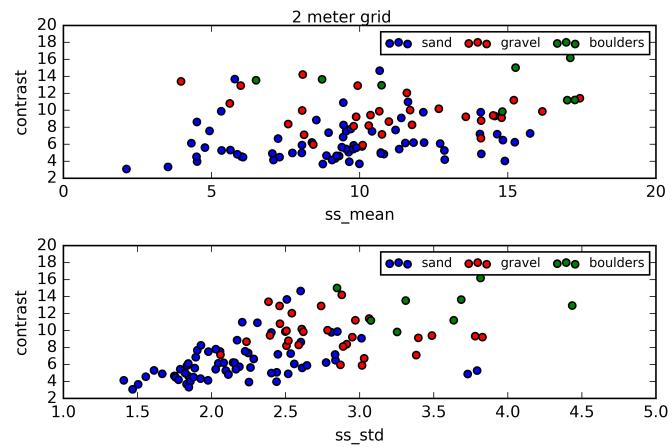


(c) September 2014: 5 meter grid



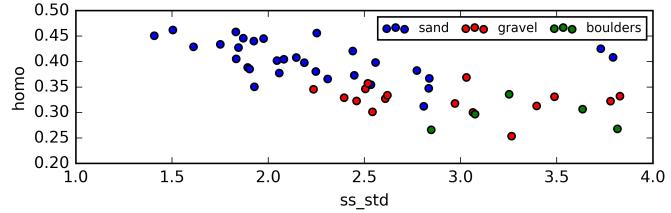
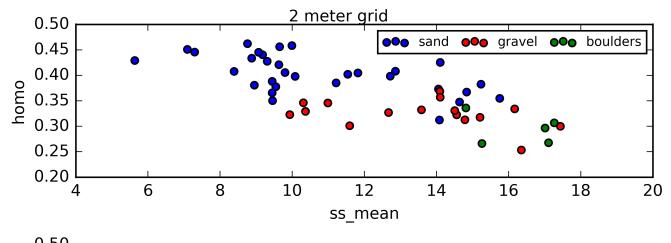
(d) September 2014: 10 meter grid

Contrast Sidescan Comparison

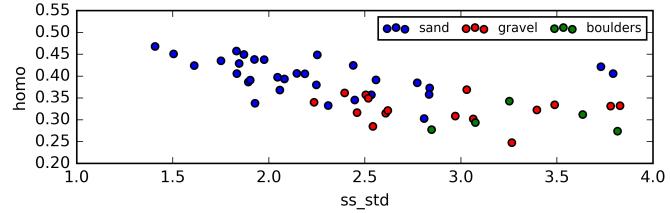
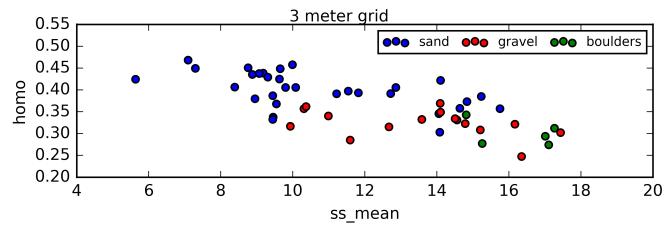


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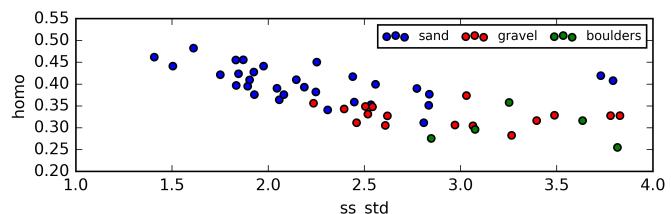
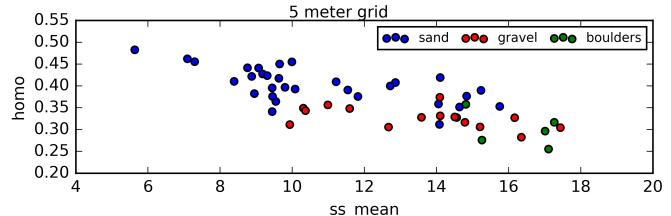
Homogeneity Sidescan Comparison



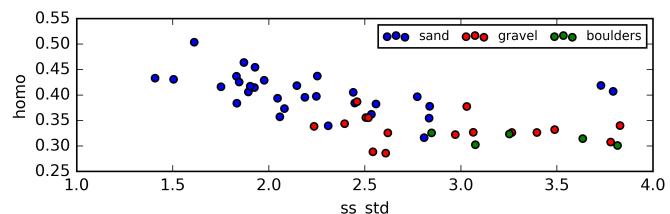
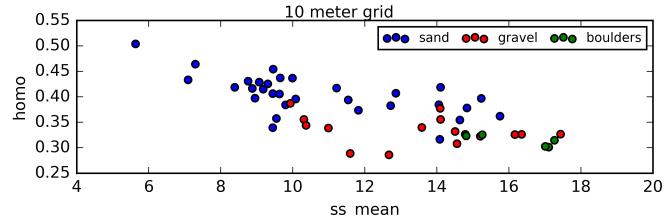
(a) April 2014: 2 meter grid



(b) April 2014: 3 meter grid

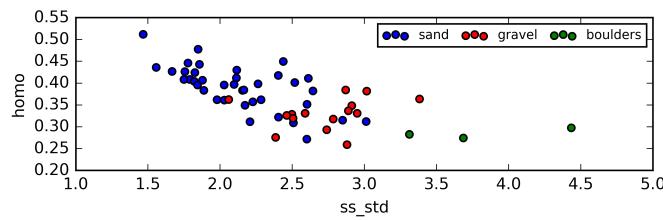
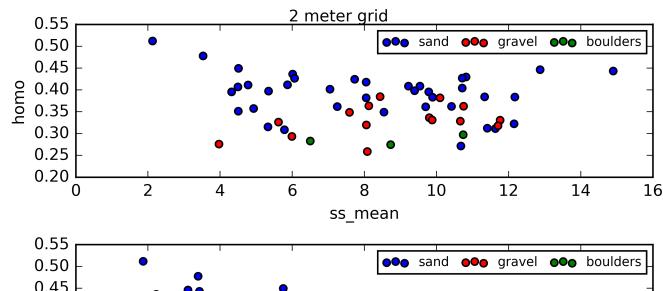


(c) April 2014: 5 meter grid

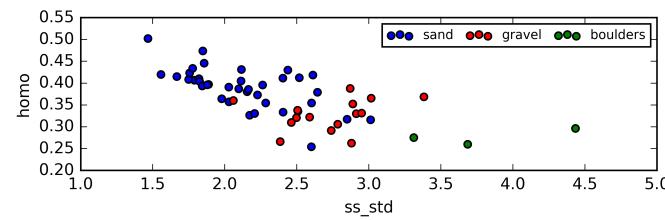
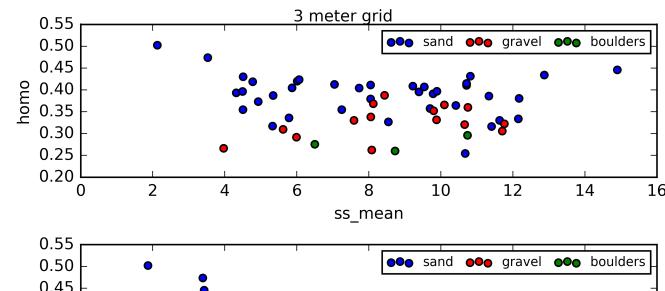


(d) April 2014: 10 meter grid

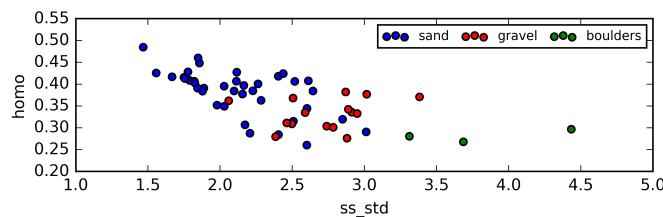
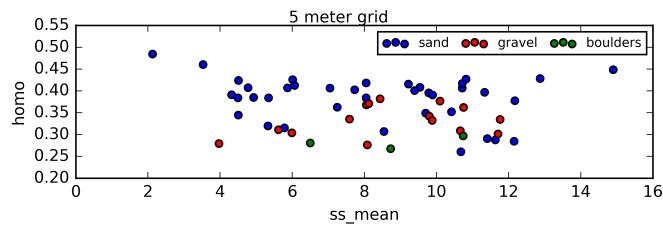
Homogeneity Sidescan Comparison



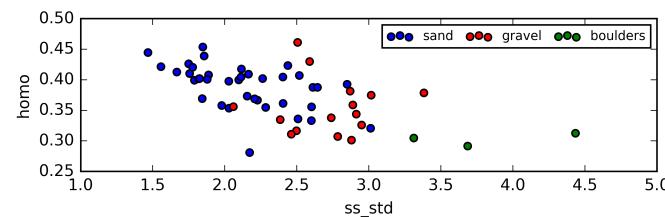
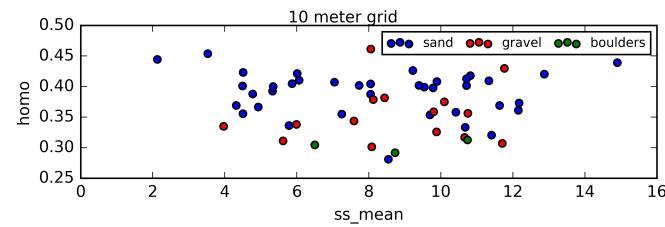
(a) September 2014: 2 meter grid



(b) September 2014: 3 meter grid



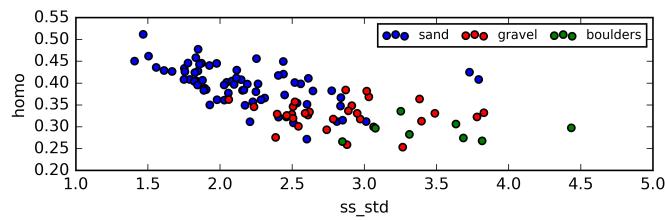
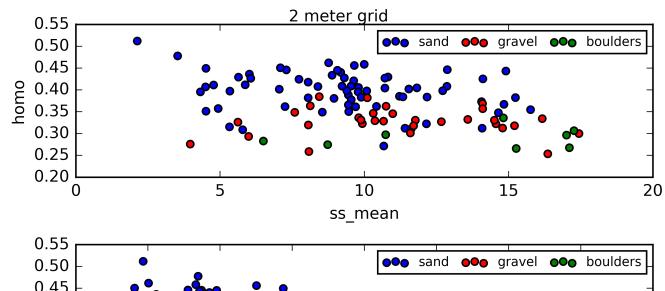
(c) September 2014: 5 meter grid



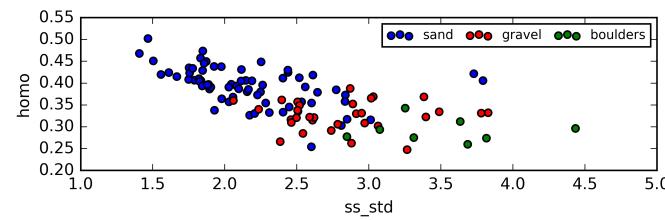
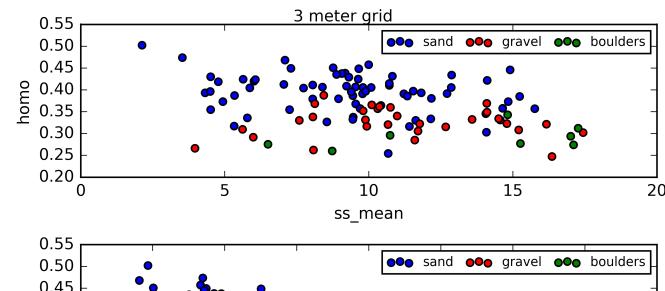
(d) September 2014: 10 meter grid

GE

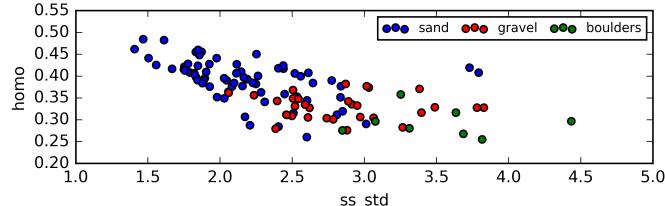
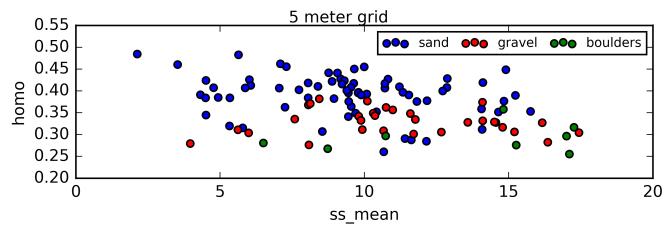
Homogeneity Sidescan Comparison



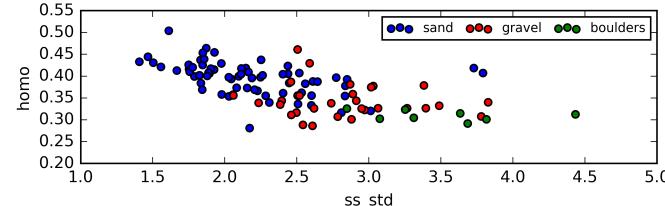
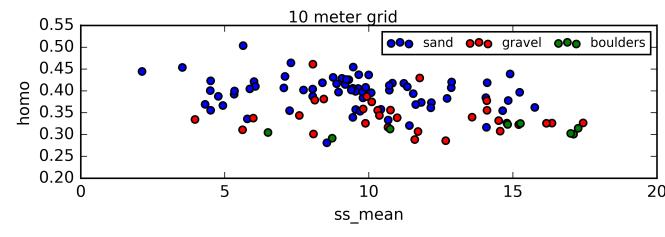
(a) April + September 2014: 2 meter grid



(b) April + September 2014: 3 meter grid



(c) April + September 2014: 5 meter grid



(d) April + September 2014: 10 meter grid